

Est on A/c 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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) N/W- Construction of road					
2 CD works with maintenance					
Kesariya to Bathana to parithan					
talo west. to order Mm454 (g)					
(2) Name of Contractor- M.D,					
Ahija Khar (Rg. No. 2190677)					
At- Bathana Panduman Chhapra					
P.O - Baidhoni. P.S- Kesariya					
Dist - East Champaran.					
(3) Agreement No- SRD No					
75/2019-2020					
(4) Date of work order- 23.3.2020					
(5) Contract date of Completion -					
22.03.2021.					
(6) <u>Quantities</u> of work done -					
(1) Setting out ① Construction of					
working base roads.					
Qty 1.459 km.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(2) Construction of reference pillars.					
Qty. 1.459 km.					
(3) Clearing & grubbing road land including removing Wild vegetation.					
$2 \times 149.7 \times 1.5 (\text{m}) =$					449.1 M ²
or 0.4497 hectare					
or 0.445 or 0.450 ha.					
(4) E/W in excavation for foundation in all kinds of soil.					
$1 \times 9.10 \times 4.10 \times 1.60 =$					58.24 M ³
$4 \times 1.767 \times 1.750 \times 1.60 =$					19.79 M ³
					78.03 M ³
(5) Brick flat soleing, soleing in foundations.					
$1 \times 9.10 \times 4.10 =$					36.40 M ²
$4 \times 1.767 \times 1.750 =$					12.37 M ²
					48.77 M ²
(6) providing PCC M ₁₀ in foundation.					
$1 \times 9.100 \times 4.10 \times 0.200 =$					7.28 M ³
$4 \times 1.767 \times 1.750 \times 0.200 =$					2.47 M ³
					9.75 M ³
(7) Brick masonry in the					

Continuation

Scanned by CamScanner

Abstract of cost:

1/1) Setting out -

(i) Construction of Working

Benches.

Qty - 1.499 km.

@ Rs 4087 = 23/km — Rs 6127 =

1/2) (ii) Construction of reference

pillars. Qty - 1.459 km.

@ Rs 1881 = 33/km — Rs 2820 =

3/3) clearing & grubbing road

land. Qty - 0.450 hectares

@ Rs 49,456 = 70/hectare — Rs 32,214

Continuation

C.O. Rs 31,221 = 10

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D	
(3) providing RCC M25 in Super structure.					
		$1 \times 2.10 \times 7.50 \times 0.210 =$			3.34 M^3
(4) providing RCC M25 -					
Kerb $\rightarrow 2 \times 2.10 \times 0.45 \times 0.30$					$= 0.57 \text{ M}^3$
End pillar $\rightarrow 4 \times 0.40 \times 0.40 \times 0.600$					$= 0.38 \text{ M}^3$
Return coping $\rightarrow$					
		$4 \times 2.30 \times 0.40 \times 0.150 =$			0.55 M^3
					1.502 M^3
(5) providing weepholes in abutment & return wall.					
Abutment - $2 \times 10 =$					20 Nos.
R. wall - $4 \times 3 =$					12 Nos.
					32.0 nos.
(6) drainage Spouts					
					$\Phi 4 - 2 \text{ nos.}$
(7) Back filling behind abutment R/Vall.					
Qty - as per calculation (A) 78.03 M^3					
(B) Blk = $49.54 + 10.73 =$					60.27
Qty - (A - B) = 17.76 M^3					
Extra filling behind abutment -					

Continuation

Particulars	No.	L	B
		$2 \times 7.500 \times 1.60 \times 1.10 = 24.00 \text{ m}^3$	

Total Qty - $17.76 + 24.00 = \underline{41.76 \text{ m}^3}$

(8) Brick masonry in
C.M. (1:3) in parapet.

$$2 \times 1.3 \times 0.40 \times 0.60 = 0.624 \text{ m}^3$$

(9) Construction of embankment
with approved material

obtain from borrow pits

lead up to 1000 m.

Qty - 1137.50 m^3

(10) Construction of embankment

with approved material

obtain from

borrow pits. lead up to 100 m.

Qty - 500.00 m^3

(11) Construction of granular

sub base by providing

in uniform layers.

$$2 \times 13 \times 30 \times 0.375 \times 0.100 = 29.25 \text{ m}^3$$

$$2 \times 21 \times 0.375 \times 0.100 = 1.575 \text{ m}^3$$

Ditch filling in

back sloping road.

$$1 \times 10 \times 3.00 \times 0.10 = 3.00 \text{ m}^3$$

$$1 \times 20 \times 2.00 \times 0.10 = 0.40 \text{ m}^3$$

$$1 \times 30 \times 3.00 \times 0.10 = 9.00 \text{ m}^3$$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$2 \times 10 \times 30 \times 0.525 \times 0.100 =$					$31.50 m^3$
$10 \times 30 \times 4.05 \times 0.100 =$					$121.50 m^3$
					$204.075 m^3$

(12) W.B.M grading - (3).

providing, laying, spreading
& compacting stone
aggregates.

$$2 \times 10 \times 30 \times 0.375 \times 0.075 = 16.875 m^3$$

$$2 \times 9 \times 0.375 \times 0.075 = 0.506 m^3$$

$$17.381 m^3$$

(13) Construction of U.S.
reinforced slab.

Corner (curb) dimensions.

$$0 \text{ to } 30 \rightarrow 30 \times \frac{4.15 + 3.75}{2} \times 0.160 = 18.96 m^3$$

$$30 \text{ to } 60 \rightarrow 30 \times \frac{3.75 + 3.75}{2} \times 0.160 = 18.00 m^3$$

$$11 \times 30 \times 3.75 (av) \times 0.160 = 198.00 m^3$$

$$21 \times 3.75 \times 0.160 = 12.60 m^3$$

$$257.56 m^3$$

(14) providing & fixing mm
9 by 160 bars.
8 by - 1.0 m

(15) E.W in excavation in
foundations

B.F Rs 33,06,612 = 0

12

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15/21) providing & laying RCC 125 in super structure.					
Qty - 3.39 m ³					
@ Rs 7553 = 04/m ³ - Rs 25001 = 0					
(16/22) Supplying & placing of Hydro bars.					
Qty - 0.650 m ³					
@ Rs 57032 = 85/m ³ - Rs 37,071 = 0					
(17/23) Brick masonry in to structure.					
Qty - 0.22 m ³ width (cot)					
@ Rs 5752 = 13/m ³ - Rs 3589 = 0					
(18/25/7) Back filling behind abutment.					
Qty - 41.76 m ³					
• cement to 34.99 m ³					
@ Rs 638 = 49/m ³ - Rs 25533 = 0					
(19/26) providing Weep holes.					
Qty - 32 nos					
@ Rs 111 = 54/m ³ - Rs 3569 = 0					
(20/27) Draining spouts -					
Qty - 2 nos.					
@ Rs 631 = 84/m ³ - Rs 1264 = 0.					
(21/28) Bedding by for (13)					
Qty - 2.25 m ³					

Continuation

@ Rs 397 = 32/m³ - Rs 894 = 0

C.O. Rs 34,03,533 = 0

B.F. 34,03,533=10

13

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/30) providing a legacy of CC home for 300 m ² Qty - 37.50 m ³ @ Rs 904 = 17/21 — Rs 33,906=10					
(23/31) Masonry work of Qty - 1.00 m ³ @ Rs 11,139 = 51/20 — Rs 11,130=10					
Total Rs 34,48,569=10					
Add 1% when cash (3/20) 34,486=10					
Add 12% GST — Rs 4,13,828=10					

Deduct 0.05% (As per agreement)

Rs 1,748=10

Rs 38,94,935=10

9/11/2021
0-4/08/2021
J.B.

Continuation

B.F. 34,03,533=00

13

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B	D.	
(27/30) providing & laying 1 cc - lime concrete of 300 mm thk - 37.50 m					
@ Rs 904 = 17/m					Rs 93,906=00
(28/30) masonry 1000 board.					
Qty - 1.02 m					
@ Rs 11,139=51/20					Rs 11,130=00
Total Rs 34,48,569=00					
Add 1% above cost (Rs 34,486=00)					
Add 12% GST					Rs 5,13,828=00

Deduct 0.05% (As per agreement)

Rs 1948=00

Rs 38,94,935=00

04/06/2021
J.E

Continuation