

गणित मे. 3.

Abstract

Schedule XLV-Form No. 134

पुनर्मापन के विषय में सूचना प्रदान करने के लिए

~~NABAR~~

कार्यपालक अभियंता
DIVISION

गणित कोय विभाग, कोय प्रकल्प

नरकटियागंज

M.B.N. 1739/23.24

गणित विभाग

SUB-DIVISION

पृष्ठ II

MEASUREMENT BOOK

कृपया: अपनी जानकारी देना

Statement of cost

Sch. XIV Form No. 134

Particulars	Details of actual measure				Quantity of work
	No.	L	B	H	
Name of work: Construction of bridge in Champaran to local road					
Area :- Muradnagar					
Agency :- Sri Mahesh Kumar Gupta, Plot road No.-18, Gandhi Nagar Bagh-1, West Champaran.					
Agreement No. :- 18/2023-24					
Date of start :- 15.12.2023					
Date of Completion :- 14.12.2024					
Actual Date of Completion :- 12/01/2024					

① E/W in excavation

for structure —

(i) Up to 3m depth.

Qty. vide TMB P-14

= 532.53 m³ @ Rs.427.089/m³ — Rs. 2,27,438 =

(ii) 3 m to 6m depth

Qty. vide TMB P-14 =

137.85 m³ @ Rs. 507.17/m³

— Rs. 69,913 = 00

② Providing PCC M-15

in levelling course, Qty.

vide TMB P-14 =

Continuation

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
142	18.21 m ³	6	7.25	3.2	Rs. 168,221 =
③ R.C.C. grade 14.21 in pile / foundation etc.					
Qty. vide TMB P-15 =					
239.530 m ³ @ Rs. 10185.82/m ³					
					Rs. 2,441,221 =
④ Bored Cast-in-situ					
143 Gr. R.C.C. pile					
excluding reinforcement					
Qty. vide TMB P-15					
= 384 m @ Rs. 31393.91/m					
					Rs. 1,205,526 =
⑤ S/F/P HYSD bar reinforcement in foundation, Qty. vide					
TMB P-15 = 54.933 MT					
@ Rs. 80697.64/MT					
					Rs. 44,32,963 =
⑥ Providing steel lines 6 mm thick; Qty. vide					
TMB P-15 = 6.39 MT @					
Rs. 105697.89/MT					
					Rs. 6,75,410 =
⑦ P/m and Concreting Temporary Earth Island Qty. vide					

Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
7MA P-15: 1 lot @ P.					
6.78, 18.3.12/No. — B					78,384 = 10
(8) Providing and Compacting					
One open access road					
Qty. vide TMB P-16					
= 36.00 @ Rs. 4378.11/m					
					Rs. 1,57,959 = 00

(9) Carrying out load
Test on any pile
as per standard
procedure; —

(a) Initial load test
etc. Qty. vide TMB
P-16 = 1 No. @ Rs.

Rs. 1,50,000 ~~etc~~ Rs. 1,50,000 =

(b) Routine pile load
test etc. Qty. vide TMB

P-10 - 1738, P-30 =

1 No. @ Rs. 1,25,000/No.

Rs. 1,25,000 =

(c) Horizontal pile load

test; Qty. vide TMB No.

-1738 P-30 = 1 No. @ Rs. 1,00,000/No.

Rs. 1,00,000 =

Particulars	Details of actual measurement				Quantity of work
	No.	1	2	3	

(10)
RCC concrete for 30
in Sub-structure

(i) up to 5m height;

Qty. vide TMB P-16

= 10222 m³ @ Rs.

10681.10/m³ — Rs. 1,07,22,092=00

(ii) 5m to 10m height

Qty. vide TMB P-16 =

13.65 m³ @ Rs. 10784.41/m³

— Rs. 1,47,315=00

(11)
RCC M-35 grade
in Sub-structure

Qty. vide TMB

TMB P-16 = 1.35 m³

M.B. No. P-31 = 5.84 m³
1738

Total = 7.20 m³ @

Rs. 10910.03/m³ — Rs. 78,552=00

(12)
S/F/P HYSD bar
reinforcement in
Sub-structure etc.;

Qty. vide TMB P-17 =

23.09831 MT @ Rs. 80921.12

/MT — Rs. 18,69,142=00

(13)
S/F/F in position
true to line & level

BCH XLV Form No. 134				
Particulars	Details of actual measure			Comments of area
	No.	L	B	D
POT- P775 bearing etc. Qty. vide TMB P-17 P775 (TMB) = 6 Nos. MB No. 1738 = 6 Nos. Total = 12 Nos. @ Rs. 5114.24/No. — Rs. 6,136.8 =				
(14) (14) S/F/F in position true to line & level Elastomeric bearing etc.; Qty. vide TMB P-17 = 112500 CC @ Rs. 0.91/CC — Rs. 102375 =				
(15) (15) Providing weep holes; Qty. vide TMB P-17 = 132 Nos. @ Rs. Rs. 159.65/No. — Rs. 21,074 = 00				
(16) (16) Backfilling behind abutment & R/wall; Qty. vide TMB P-32 (MB No. 1738) = 164.813 m ³ @ Rs. 985.03/m ³ — Rs. 1,62,342 = 00				
(17) (17) P/L filter media; Qty. vide TMB P-31 = 90.00 m ³ @ Rs. 5054.50/m ³ — Rs. 4,54,896 = 00				

Continuation

Particulars	Quantity of material required				Quantity of work
	Qty.	L	B	H	
(11-12) Providing and laying 1:1.5:3 concrete for 100 sq. m. (cont.)					
Qty. vide TMBP-17					
TMBP-17 =	62.721	m ³			
M&N.O. P-36 =	33.317	m ³			
1738					
" P-37 =	29.404	m ³			
Total =	125.442	m ³			
@ Rs. limited =	125.120	m ³			
@ Rs. 11,856.19/m ³ —					Rs. 14,83,446 =

(19-19) S/F/P HYSD bar reinforcement in Super-structure

— as per Euc.	
Qty. vide —	
TMBP-18 =	10.31517 MT
M&N.O. P-35 =	7.66832 MT
1738	2.76185 MT
" P-37 =	2.64,685 MT
Total =	20.74534 MT
	20.74534 MT
@ Rs. 82,651.85/MT —	Rs. 17,14,641 = 00

(20-20) P/L wearing course 14-30 Gr. Con. including reinforcement — as per Euc. ; Qty. vide

M.O. No 1738 P-39 =

24.73 m³ @ Rs. 19,781.62/m³

— Rs. 48,91,99 = 00

Particulars	Details of actual measure			Contents of area
	No.	L	B	
$\frac{21}{21}$ Cont. of RCC footing M-30 Gr. Con. Qty. vide MB P-38 = 87.82 m ³ @ Rs. 4635.93/m ³ Rs. 4,07,547 = 00				
$\frac{22}{22}$ P/v. Drainage spout vide MB P-38, MB No. 1738 = 16 Nos @ Rs. 6302.45/No. — Rs. 1,00,839 = 00				
$\frac{23}{23}$ RCC M-15 Gr. Con. levelling course below App. slab; Qty. vide MB No. 1738 R-38 = 7.15 m ³ @ Rs. 8922.16/m ³ Rs. 63,954 = 00				
$\frac{24}{24}$ RCC M-30 Gr. Con. in App. slab including reinforcement; Qty. vide MB P-38 ¹⁷³⁸ = 16.97 m ³ @ Rs. 16011.05/m ³ Rs. 2,71,708 = 00				
$\frac{25}{25}$ P/L strip seal expan- sion joint; Qty. vide MB P-39 (MB No. 1738)				

Particulars	Quantity of material required			Equivalent of area
	No.	L	B	
28-29 P/L to Ring 20 mm plate Compressible fibre band Qty. vide MB No. 1738 P-39 = 16.90 m @ Rs. 288.10/m ————— Rs. 4870 = 00				
27-28 Armoured filler Joint; Qty. vide TMB P-39 = 16.90 m @ Rs. 485.05/m ————— Rs. 6845 = 00				
26-29 P/L Boulder Pitching on slopes; Qty. vide MB No. 1738, P-45 = 212.24 m ³ @ Rs. Rs. 5324.57/m ³ ————— Rs. 11,30,087 = 00				
27-30 P/L filter material underneath pitching in slopes; Qty. vide MB No. 1738 P-45 = 81.91 m ³ @ Rs. Rs. 5043.88/m ³ ————— Rs. 413,144 = 00				

Continuation

Particulars	Quantity of actual materials				Quantity of work
	No.	L	B	H	
(31/28) clearing & grading road level by 100m vide MB No. 1738 P-30 = 0.112m @ Rs 7417.34/m — Rs 840.5 = 00					

(32/29) Const. of embankment with material obtained from borrow pits with lead up to 1000m; Qty. vide MB No. 1738 P- = 3124.778 m ³ @ Rs. 261.09/m ³ — Rs. 815,848 = 00					
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(33/30) Const. of Sub-grade + E/shoulder; Qty. vide MB No. 1738 P-40 = 235.50 m ³ P-43 = 78.93 m ³ Total = 314.43 m ³ @ Rs. 264.63/m ³ — Rs. 83,208 = 00					
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(34/31) Const. of G.C.B. Gr. E; Qty. vide MB No. 1738 P-41 = 96.88 m ³ @ Rs. 4666.44/m ³ — Rs. 4,52,085 = 00					
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(35/32) Const. of WBM Gr. 2; Qty vide MB No. 1738					
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Particulars	Details of actual measure				Contents of area
	No.	L	B	D	
P-41 =		36.23 m ²			
limited =		34.028 m ² @			
R. 6257.91/m ²					R. 2,13,319=00
(36/33) P/A prime coat with					
AT emulsion SS-1; Qty.					
vide MB No. 1738 P-42					
= 454.40 m ² @ R. 59.02/m ²					
					R. 26,819=00
(37/34) P/A Tack coat with					
BT emulsion RS-1; Qty.					
vide MB No. 1738 P-42					
= 454.40 m ² @ R. 20.20/m ²					
					R. 9179=00
(38/35) P/U/R of close graded					
poemix surfacing					
material of 20mm thick;					
Qty. vide MB No. 1738					
P-43 = 454.40 m ² @ R.					
R. 321.88/m ²					R. 1,46,262=00
(39/36) P/F logo of project &					
info etc. board; Qty.					
vide MB No. 1738 P-43					
= 3 Nos. @ R. 10704.37/No.					
					R. 32,113=00

Continuation

Particulars	Quantity of material measured				Comments of work
	No.	L	B	D	
40 39	RCC drainage with 100mm dia. pipe with 100mm dia. P-43 = 22.00m				
	RCC 100mm dia. @ Rs. 18,720 = 00				
41 38	P/E in metal beam Crack barrier; qty. with N.M.B. 1725 P-44 = 80.00m				
	@ Rs. 4,111.20/m — Rs. 3,28,896 = 00				
42 39	Const. of embankment with approved material obtained from 1000m lead; qty. vide MB				
	P-18 = 643.50 m ³ @				
	Rs. 261.09/m ³ — Rs. 1,68,011 = 00				
43 40	Const. of G.S.B. ; qty. vide MB NO. 1738				
	P-39 = 50.63 m ³ @ Rs.				
	Rs. 4666.44/m ³ — Rs. 2,36,262 = 00				
44 41	P/L RCC pipe NP ₄ (1000 mm dia) etc.; qty. vide				
	MB NO. 1738 P-18 = 30.00m				
	@ Rs. 7814.45/m — Rs. 2,34,434 = 00				

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measure				Contents of area
	No.	L.	B.	D.	
(45/42) Demolition of existing structure etc. : 9th.					
vide MA No. 1738 P-18					
2102.85 m ³ @ Rs. 1713.06/m ³					
					Rs. 1,76,188 = 00
					Total = Rs. 3,52,47,186 = 00
Add C 57.18% — (+) Rs. 63,44,493 = 00					
Add 1% L. cess — (+) Rs. 3,52,472 = 00					
Add S. Fee — (+) Rs. 1,87,064 = 00					
					Total = Rs. 4,21,31,215 = 00
Less 0.11% below rate as per Agr. — (-) Rs. 46,344 = 00					
					Total = Rs. 4,20,84,871 = 00

Less prev. paid					
Amount — (-) Rs. 3,19,80,773 = 00					
					Net Total = Rs. 1,01,04,098 = 00
R. D. 12/12/2024					
J.E.					12/12/24
					A.G.