

N/W - Const. of RCC Bridge Near Utkarnit School Basat
under western mahurban Basaha Panchayat.

Schedule XLV-Form No. 134

प्राथमिक विभाग कार्य प्रसंग. गुपरी DIVISION

प्राथमिक विभाग कार्य प्रसंग. गुपरी B-DIVISION

MEASUREMENT BOOK

SP Engicon : (Malabar).

Name of work - const. of RCC Bridge Near
 Situation of work - Uttarmit middle school
 Agency by which work is executed - Bazaha
 Date of measurement - under western madhuk
 No. and date of agreement. Bazaha Panchayat
 (These four lines should be repeated at the commencement
 of the measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Agency -	S.B. Engicon Pvt Ltd.				
BPKL No-					
Agreement No-	17 (S.B.D)	20/9/20			
Date of start.	27/02/20				
Date of comp.	26/08/21				
(1/1) ELW in excavation of foundation of structure					
* Abutment Pile Cap- A1 Side					
	1	9.70m	9.70m	2.92m	274.74
					274.74 m ³
(2/6) providing & laying of PCC					
M-15 levelling course					
	1	9.0m	9.0m	0.15m	12.15 m ³
					12.15 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record measurement for 6th and final bill before maintenance work started					
Nlw- Const. of H.L Bridge near Vt karmit middle school Basaha under western madhya Basaha Panchayat.					
N/Agency- S.B Engicon Pvt Ltd.					
Agreement No- 25(SBB)/2019-20					
Dt. of start - 27/02/2020					
Dt. of comp - 26/08/2021					
Dt. of measurement -					
Actual Dt. of comp -					
(1/31) providing and laying filler material underneath					
* South Side - In both side					
Slope (East and west side)					
1 X 10.0m x 2.5m x 0.15m =					3.75 m ³
1 X 10.0m x 2.5m x 0.15m =					3.75 m ³
slope 4 X 20.0m x 2.0m x 0.15m =					24.0 m ³
					31.50 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abstract of cost					
for dh and final					
bill before maintena					
nce work started					
Ref- vide TMS P-57 to 58					
and P-13 and vi previous					
bill vide MS-2275 P-83 to 83					
It of Entry -					
Actual It of comp -					

(11) Earth work in excavation

Qty (P.S.) vide MS-2275 P-83					
815.154 m ³ @ 125 = 24 / m ³ — r = 102090 =					

(1/2) providing and constructing term
beacon Island

Qty (P.S.) vide MS-2275 P-83					
2 Nos @ 291671 = 84 Each — r = 583344 =					

(3/4) Bored cast in situ m.s.s grade

Qty (P.S.) vide MS-2275 P-83					
546.0 m @ 17205 = 60 / m — r = 9394258 =					

(1/5) R.C.C. grade m-30 in pile cap

Qty (P.S.) vide MS-2275 P-83					
432.20 m ³ @ 816.6 = 07 / m ³ — r = 3529375 =					

Continuation

13609067 =

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. f. — P		13609067.20	
(5/3) providing service Road					
Qty vide Tm B & 13					
57.84 m @ 3858 = 20/m —					223.158
(6/6) providing and laying of					
PCC m-15 levelling					
Qty (pro) vide MB-2275 P-84					
38.88 m ³ @ 6730 = 44 /m ³ —					261.680
(7/7) providing steel 10mm thick					
for curb					
Qty (pro) vide MB-2275 P-84					
15.96 m ² @ 88284 = 16/m ² —					140.9015
(8/8) S/F and placing un-coated					
HYSD bar reinforcement					
Qty (pro) vide MB-2275 P-84					
102.25 m ² @ 76952 = 83/m ² —					7868427
(9/9) RCC grade m-30 in sub.					
Structure					
* UP to 5.0m Ht.					
Qty (pro) vide MB-2275 P-84					
202.785 m ³ @ 8427 = 58/m ³ —					1709007

Continuation

2508025420

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. f		2.50	80354 ³⁰
* Beyond S.O.M. up to 10.0m Ht.					
@ 1/2 (P.M.) vide MB-2275 P-84					
24.614 m ³ @ 85.79 = 18 / m ³					21168 ⁴⁰
(10/10) S/F and placing Hys D bar reinforcement in Sub Structure					
@ 1/2 (P.M.) vide MB-2275 P-85					
18.242 m ³ @ 77.102 = 31 / m ³					1406500 ²⁰
(10/11) providing weepholes in Abutment and R/W					
@ 1/2 (P.M.) vide MB-2275 P-85					
62 No @ 130 = 21 Each					8073 ²⁰
(12/12) Back filling behind Abutment wing wall					
@ 1/2 (P.M.) vide MB-2275 P-85					
265.33 m ³ @ 77.6 = 62 / m ³					206061 ²⁰
(13/13) providing and laying filter media					
@ 1/2 (P.M.) vide MB-2275 P-85					
93.66 m ³ @ 1/2 (P.M.) vide MB-2275 P-85					
94.60 m ³ @ 1/2 vide MB P-85					289820 ²⁰
93.66 m ³ @ 30.04 = 38 / m ³					353293 ²⁰

Continuation 22201976²⁰

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. L.		272	01 976 m
(14/14) S/F and filling & settlement					
Bearing & Ceramic pad					
Qty (Pm) vide MB-2275 P-85					
4459.20.00 m ³ @ 1.01 / m ³ —					450379 m
(15/15) providing RCC/SCC m-30					
grade & super structure					
Qty (Pm) vide MB-2275 P-86					
234.0 m ³ @ 9326 = 55 / m ³ —					2182420 m
(16/16) S/F and placing HRS bar					
reinforcement in super/s					
Qty (Pm) vide MB-2275 P-86					
36.22 m ³ @ 78275 = 88 / m ³ —					2835152 m
(17/17) wearing coat providing &					
laying cement					
Qty (Pm) vide MB-2275 P-86					
32.534 m ³ @ 13801 = 59 / m ³ —					449021 m
(18/18) providing RCC m-30 grade					
In Railing					
Qty (Pm) vide MB-2275 P-86					
130.08 m ³ @ 2194 = 88 / m ³ —					285570 m

Continuation

N 334,04,458 m

Circle Total

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. f. — f		334	04 458.2
(19/11) providing drainage Spout					
Qty (m) vide MB-2275 P-86					
18.0 m @ 92 = 11 each — c =					16562.2
(20/12) providing pcc m-15 grade below approach slab					
Qty (m) vide MB-2275 P-87					
8.10 m ² @ 6984 = 96 /m ² — c =					56578.20
(21/12) Rcc m-30 grade is app- roach slab					
Qty (m) vide MB-2275 P-87					
17.71 m ² @ 11890 = 26 /m ² — c =					210577.2
(22/12) providing & laying of strip seal					
Qty (m) vide MB-2275 P-87					
3380 m @ 12353 = 31 /m — c =					417542.2
(23/12) providing & executing direc- tion and place					
Qty (m) vide MB-2275 P-87					
3 m @ 11409 = 79 each — c =					34229.2
(24/12) (cont.) of embankment with approved material					

Continuation

341,39,946.20

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.I.				341	39,946 ^m
Qty (PM) vide MB-2275 P-87					
600.0 m ³ @ 187 = 51 / m ³					= 112,506 ^m
(25/25) U.S.B. Granular Sub base					
Qty (PM) vide MB-2275 P-88					
44.0 m ³ @ 22.16 = 96 / m ³					= 97,546 ^m
(26/26) conducting confirmatory boring sampling					
Qty (PM) vide MB-2275 P-88					
90.0 m @ 1000 = 10 / m					= 90,000 ^m
(27/27) Vertical pile Load					
Testing / on working pile					
Initial pile load test					
Qty (PM) vide MB-2275 P-88					
2 Nos @ 90,000 = 180,000					= 180,000 ^m
Routine pile load test					
Qty (PM) vide MB-2275 P-88					
3 Nos @ 60,000 = 180,000					= 180,000 ^m
(28/28) providing & laying shoulder					
As per on					
Qty (PM) vide MB-2275 P-88					
67.36 m ³ @ 311 = 24 / m ³					= 20,965 ^m
Continuation					3,50,09,652 ^m

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. 1			38273212
(34/35) Prime coat - providing and applying primer coat					
Qty (pm) vide MB-2275 P-39					
956.26 m ² @ 51 = 15/m ²					4891320
(35/36) Tack coat - providing and applying tack coat					
Qty (pm) vide MB-2275 P-90					
956.26 m ² @ 16 = 65/m ²					15922
(36/37) mix seal surface. prov.					
Quantity and rolling of					
Qty (pm) vide MB-2275 P-90					
956.26 m ² @ 23 = 38/m ²					2260412
(37/38) Boundary pillar - R.C.C					
m-15 grade boundary					
Qty (pm) vide MB-2275 P-90					
192 Nos @ 551 = 22 Each					10583470
(38/39) Road marking with Hot applied thermoplastic					
Qty (pm) vide MB-2275 P-90					
47.40 m @ 850 = 93/m ²					40334

Continuation 387/10, 256

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B.F. —	387	102562
39/1) Earth work in excavation for structure					
Qty (m) vide MB-2275 P-90					
631.942 m ³ @ 125 = 241/m ³					791442
40/2) Brick flat Soling in foundation					
Qty (m) vide MB-2275 P-91					
335.788 m ² @ 289 = 53/m ²					972212
41/3) PCC grade m-15 in open foundation					
Qty (m) vide MB-2275 P-91					
50.368 m ³ @ 6484 = 44/m ³					3266082
42/4) Brick masonry work on (m 1:4) in foundation					
Qty (m) vide MB-2275 P-91					
670.13 m ³ @ 6356 = 66/m ³					4259789
43/5) providing PCC m-20 grade in coping over					
Qty (m) vide MB-2275 P-91					
3.543 m ³ @ 7314 = 93/m ³					259172

Continuation

434, 98, 9352

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					434 98 935 = 434 98 935
(44/6) providing weepholes in brick masonry work					
Qty (m) vide MB-2225 P.91					
400 Nos @ 130 = 21 each					52084
(45/7) plastering with cm (1:4) on brick work					
Qty (sqm) vide MB-2225 P.91					
409.50 m ² @ 202 = 54 / m ²					82940
					436 33 959 = 436 33 959
i) Less 10% below as per					4363396
agreement					392 70 563 = 392 70 563
ii) Less previous payments					389 35 081 = 389 35 081
vide MB-2225 P.92 to 93					335 482 = 335 482
General 6-07-21 JE				AB 06-7-21 AB	
Material Statement					
i) Aggregate - 37.80 m ³					
ii) Baller - 15.0 m ³					
iii) Stone Spalls - 3.0 m ³					
General 6-07-21 JE				AB 06-7-21 AB	
Maintenance work is					
Started from - 07-7-21					

Continuation