Name work - RCC Bridge Near Utkarmit Middle School Basaha under Western Madhuban Basaha Panchayat Block - Bajpatti

Length of Bridge - 3 × 18.75 m

Schedule XLV-Form No.-134

ग्रामीण कार्य विभाग कार्य प्रमंडल पुपरी **DIVISION**

ग्रामीण कार्य विभाग कार्य अवर प्रमंडल बाजपट्टी **SUB-DIVISION**

MEASUREMENT BOOK

M-2275

Agreement No - 75 (SBD)/2019-20 (Nalsarai)

Name of Agency - S.B Engicon Pvt Ltd.

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record measurement for 4th on A/c Bill					
N/W. Const. of HL Bridge Near Utkar mit middle School Basaha under Western madhuban Basaha Panchayat.					
N/Agency - S.B Engicon Pvt. Ltd.					
Agreement No. 75(S&D)/2019-20					
Dt. of Start - 27/02/2021					
Dt. of Comp. 26/08/2021					
Dt. of measurement -					
(1/4) Brick masonry work in cement motar (1:4) in Sub-structure (Remaining measurement) - 2nd wall					
	1	31.50m	$\left(\frac{0.6733+0.40}{2}m + \frac{0.40+0.40}{2}m\right) \div 2$	$\times \frac{1+0}{2}m$	
				=	7.376 m³
					7.376 m³
(2/4) Brick masonry work in cement motar (1:4) in Sub-Structure (Remainiry measurement) - 3rd wall					
	1	31.50m	$\left(\frac{0.6733+0.40}{2}m + \frac{0.40+0.40}{2}m\right) \div 2$	$\times \frac{1+0}{2}m$	
				=	7.376 m³
					7.376 m³

7.09.20 JE

7.09.20 JE

9.9.20

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
	Abstract of cost for 4th on A/c Bill				
Ref-vide TMB P- 55 to 63 vide MB-2276 P-24 to 52 and previous bill vide T. MB P- 49 to 54					
Dt. of Enty- 28-11-20					
(1/1) E/W in excavation of foundation Qty vide TMB P-49					
815.154 m³ @ 125=24/m³ — ₹ =					102090=00
(2/2) Providing and constructing temporary Island Qty vide TMB P-49					
2 NO @ 291671=84 Each =					583344=00
(3/4) Bored cast in Situ M-35 grade RCC. pile Qty (PM) vide TMB P-49					
546.0m @ 17205=60/M — ₹ =					9394858=00
(4/5) RCC grade M-30 in pile cap complete Qty (Proj) vide TMB P 49 to					
432.20 m³ @ 8166=07/m³ — ₹ =					3529375=00
Continuation					₹ 13609067=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B. F. — 136					09 067=00
(5/6) providing and laying of PCC m15 levelling Qty (P.40) vide TMB P. 50					
38.88 m³ @ 6730=44/m³ — Rs =					261680=00
(6/7) Providing steel liner 10mm thick for curbs. Qty (P.40) vide TMB P. 50					
15.96 Ton @ 88284=16/Ton -					1409015=00
(7/8) S/F and placing un-coated HYSD bar reinforcement in foundation. Qty (P.40) vide TMB P. 50					
102.25 mT @ 76952=83/mT =					7868427=00
(8/9) RCC grade M-30 in Sub. Structure					
* up to 5.0m Ht.					
182.205 m³ Qty (P.40) vide TMB P. 51					
11.392 m³ Qty vide TMB P. 61					
7.604 m³ Qty vide TMB P. 61					
201.201 m³ @ 8427=68/m³ Rs =					1695658=00
* Beyond 5.0m upto 10.0m Ht.					
2.28 m³ Qty vide MB-2276 P-24					
10.624 m³ Qty vide TMB P. 61					Rs = 176825=00
7.707 m³ Qty vide TMB P. 61					
20.611 m³ @ 8579=18/m³					2 50 20 672=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
B.F — r					25020672=00
(9/10) S/F and placing HYSD Bar reinforcement in Sub structure					
15.778 MT Qty (P/S) vide TMB P-51					
0.0824 MT Qty vide MB-2276 P-24					
1.553 MT Qty vide MB-2276 P-51					
0.848 MT Qty vide MB-2276 P-52					
18.2614 MT @ 77102=31/MT — r =					1407996=00
(10/11) providing weepholes in Abutment and R/W Qty vide TMB P 62					
62 Nos @ 130=21 Each — r =					8073=00
(11/12) Back filling behind Abutment, wing wall. Qty vide TMB P-62					
327.99 m³ @ 776=62/m³ — r =					254724=00
(12/13) providing and laying filter media with Qty vide TMB P 62					
93.66 m³ @ 3094=38/m³ — r =					289820=00
(13/14) S/F & fixing Elastomeric Bearing & Seismic pad S/F/F In position true					
C/F					26981285=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.f — P 269			81285=00
	Qty vide MB=2276 P-25				
241920.0 cm³ @ 1=01 /cm³ — 1=					244339=00
(14/15) Providing PCC/RCC M30 grade & Super. Structure					
39.563 m³ Qty vide TMB P-57					
38.588 m³ Qty vide TMB P-57					
39.563 m³ Qty vide TMB P-57					
38.349 m³ Qty vide TMB P-58					
39.563 m³ Qty vide TMB P-59					
38.588 m³ Qty vide TMB P-59					
234.214 m³ @ 9326=58/m³ — 1=2					184416=00
(15/16) S/F and placing HYSD bar reinforcement in Super Structure					
5.505 MT Qty vide MB-2276 P-27					
2.503 MT Qty vide MB-2276 P-29					
0.983 MT Qty vide MB 2276 P-31					
3.067 MT Qty vide MB-2276 P-33					
5.505 MT Qty vide MB-2276 P-36					
2.503 MT Qty vide MB-2276 P-38					
0.983 MT Qty vide MB-2276 P-40					
3.067 MT Qty vide MB-2276 P-42					
5.505 MT Qty vide MB-2276 P-44					
2.503 MT Qty vide MB-2276 P-46					
0.983 MT Qty vide MB-2276 P-48					
3.067 MT Qty vide MB-2276 P-50					=283552=00
36.174 MT @ 78275=88/MT					

Continuation 322,41,592=00

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		B. F.	—	— / 322	41,592=00
(16/12) wearing coat providing and laying cement					
10.867 m³ qty vide TMB P-60					
10.800 m³ qty vide TMB P-60					
10.867 m³ qty vide TMB P-60					
32.534 m³ @ 13801=59/m³ — ₹=					449021=00
(17/18) providing RCC M30 grade in Railing - construction					
qty vide TMB P-60					
115.680 m @ 2194=88/m — ₹=					253904=00
(18/23) providing and laying of strip seal Expansion					
qty vide TMB P-60					
33.80 m @ 12353=31/m — ₹=					417542=00
(19/24) Const. of Embankment with approved material					
qty (Pre) vide TMB P-51					
600.0 m³ @ 187=51/m³ — ₹=					112506=00
(20/25) G.S.B. Granular Sub. base by providing					
qty (Pre) vide TMB P-51					
44.0 m³ @ 2216=96/m³ — ₹=					97546=00

C/F 335,72,111=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
		B.F.			33572.111=20
(21/29) Providing and laying boulders apron on Qty vide TMB P-63					
40.320 m³ @ 3112= 44/m³ —₹=					125494=20
(22/30) Providing and laying pitching on slope Qty vide TMB P-63					
166.90 m³ @ 3112= 44/m³ —₹=					519466=20
(23/31) providing and laying filter materials under-earth Qty vide TMB-2276 P-53					
83.449 m³ @ 3267=09 /m³ =					272635=20
(24/32) Const. of Embankment with approved material Qty vide TMB P-63					
2329.0 m³ @ 187= 51 /m³ —₹=					436711=20
(25/1) Earth work in excavation for structure (Inside well)					
477.081 m³ Qty (PM) vide TMB P-52					
154.861 m³ Qty vide TMB P-56					
631.942 m³ @ 125=24/m³ —₹=					79144=20
					₹ 3,50,05,561=20

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement No.	L.	B.	D.	Contents of area
			B/F		= 350,05,561=00
(26/2) Brick flat soling in foundation.					
251.841 m² Qty (prov) vide TMB P.52					
83.947 m² Qty vide TMB P-56					
335.788 m² @ 289= 53/m²					= 97221=00
(27/3) PCC grade M-15 in open foundation					
37.776 m³ Qty vide TMB P-52					
12.592 m³ Qty vide TMB P-56					
50.368 m³ @ 6484= 44/m³					= 326608=00
(28/4) Brick masonry work in CM (1:4) (Guide wall)					
488.134 m³ Qty (prov) vide TMB P.53					
7.376 m³ Qty vide TMB P.55					
7.376 m³ Qty vide TMB P-55					
167.244 m³ Qty vide TMB P-56					
670.130 m³ @ 6356= 66/m³					= 42,59,789=00
(29/6) providing weepholes in brick masonry work. Qty vide TMB P-57					
400 Nos. @ 130=21 Each					= 52084=00
					₹ 3,97,41,863=00
i) Less 10% below as per Agreement					= 3,974,126=00
					₹ 35,767,137=00

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			B F ——	357	67,137=00
ii) Less previous payment				2,66	31,765=00
vide T M B P-			53 to 54	91,3	5,372=00
				C.O.P	

material Statement

i) stone chips - 297.46 m^3

ii) coarse sand - 148.73 m^3

iii) Earth work - 2329.0 m^3

iv) fine sand - 393.59 m^3

v) stone Aggregate - 212.52 m^3

v) stone - 207.22 m^3

vi) stone spalls - ~~41.44~~ 41.44 m^3

vii) Bricks - 93768 Nos.

viii) coarse sand - 43.67 m^3

20-11-20 JE

28.11.20 AB

Continuation