

M/S Soma Construction

Part B. (Bridge) MMGSY (SC)

constd. H.L. B. a/k/a Katarig main canal

Schedule XLV Form No. 134.

road near with km. to Kalamthoussal
ch. 2900m.

R.W.D. work DIVISION-Warphur

R.W.D. works

SUB-DIVISION-

Basamphur

Measurement Book

99/16/22

AgNo- 05/5 B D / MMGSY / 2024-22.

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.	
(A) Katariga mukhya Canal road se 40th km ke pass to kahim ke ghar tak.					
(B) (contd) H.L.B. at Katariga main canal road near 40th km. to Kahim House Length of bridge atch - 2900m.					
M/Cont - M/s Sona Construction Supt.					
Ag No. 05/SB2/MM657(SG)/2021-22.					
Agmt - 06/06/2022.					
Date of commencement - 06/06/22.					
Date of completion - 05/6/23					
Date. 08/6/2022					
(1) clearing and grubbing of road land equal to 888.96 m ²					
$(1 \times 100 + 98.16) \times 6.0 m = 888.96 m^2$					
or ≈ 0.09 Ha.					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
rate -	-				
① Reinforced deck slab (P ₁ P ₂)					
Reinforcement -					
Deck Slab & Rein. (P ₁ P ₂) -					
12mm -	55	7.252	0.888		354.19 kg
12 "	58	5.30	0.888		272.97 "
12 "	55	5.305	0.888		258.05 "
16mm -	117	2.325	1.578		429.26 "
8 " -	107	1.85	0.394		78.00 "
8 "	24	13.0	0.394		122.93 "
8 "	24	13.25	0.394		128.13 "
8 "	10	18.00	0.394		55.16 "
8 "	10	13.55	0.394		53.38 "
8 "	16	1.70	0.394		10.72 kg
8 "	8	14.00	0.394		44.13 "
8 "	24	14.00	0.394		132.38 "
8 "	87	1.658	0.394		56.83 "
					1996.94 kg
② Reinforced in slabs with m30					
(P ₁ P ₂) Deck Slab + Kerb at End					
Side/cantilever slab -					
2 x 14.20 x 1.575 x 0.252 m					11.27 m ³
Main slab - 1 x 5.25 x 14.20 x 0.215 m					16.03 "
					Totally = 27.30 m ³
Kerb - 2 x 14.20 x 0.45 x 0.30 m					3.834 m ³
					Totally = 31.134 m ³

abstract/cont

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/10- Contd. of H.L. Bon Sanghaskh at Kataraya main road 10th km to Kalim house atch. 2.90km.					
N/Cont. M/S Sangh Construction Snpaul.					
MS NO-05/SB/2022					
Dated/Commenced-06/6/22					
Dated/Completion-05/6/23					
298-					
① Clearing and grubbing of H.L. Bon land v.m.p. (36) = 0.09 Ha. C.R. 56929 = 61/4a 5124 = 8					
② Pro & po. excavating structure on the left (v.m.p. (33) = 689.85 m ³ C.R. 321 = 45/m ³ 221750					
③ 30cm to 6.0m depth - v.m.p. (33) = 70.58 m ³ C.R. 381 = 72/m ³ 26942 = 1					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
③ For Rec'd. with m/s of filling concrete pile cap at end of 34					
Vol. (34) = 35.00 m ³					
Ch 7319 = 91/m ³ / 25619 = 2					
④ For Rec'd. in bed cast in situ pile with m/s of 1.2 m/s in all 22					
Vol. (34) = 520.0 m					
Ch 10942 = 03/m / 10000 = 1392 = 0					
⑤ For Rec'd. m/s of filling in foundation Vol. (34) = 22.026 m ³					
Ch 69172 = 39/m ³ / 56739 = 34 = 0					
⑥ For Rec'd. in pile cap L = 20 m 30 in all 14					
Vol. (35) = 369.66 m ³					
Ch = 369.681 m ³					
Ch = 2257 = 09/m ³ / 30524 = 81 = 5					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥ For Condt temporary					
25 km 20 ft 12 ft					
$\sqrt{m^2} (35) = 2 \text{ NO}$					
$\text{Ch } 59761 = 58 \text{ NO}$					
					119 523 m
⑦ Condt. one span					
service road					
$\sqrt{m^2} (35) = 29 \text{ m}$					
$\text{Ch } 3992 = 29 \text{ m}$					
					115776 m
⑧ For RCL/F H/S					
mainly 2m sub/s -					
$\sqrt{m^2} (35) = 7.09 \text{ mT}$					
" (44) = 14.24 mT					
" (39) = 3771.96 = 3.772 mT					
Total ch = 25.102 mT					
$\text{Ch } 69340 = 55 \text{ mT}$					
					1740586 m
⑩ For RCL/F 2m sub/s					
with m30 small					
2m - 2m - 2m					
(4) up to 5.0 m ht					
$\sqrt{m^2} (39) = 55.994 \text{ m}^3$					
" (39) = 22.94 m ³					
Total A, " (45) = 11.425 "					
" " (45) = 11.425 "					
Continuation					101.784 m ³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$1/2 f @ 4 = 101.784m^3$					
Top cap. P ₁ - v.m.s.d. (48) = 28.83"					
" P ₂ " (46) = 28.83"					
Dist. wall - " (45) = 9.363"					
Total 44; 168.807m ³					
C/L 8526 = 38/m ³					
					14,39,313.00
(ii) 5.0 m to 10.0 m ht -					
v.m.s.d. (50)					
@ 4 = 6.48m ³					
C/L 8602 = 79/m ³					
					5574.62
(11) Properly - 10 m ht					
with m ₂ 5 ft 5.0 m to					
10 m ht -					
v.m.s.d. (42) = 13.70m ³					
C/L 8695 = 82/m ³					
					11913.30
(12) Properly - 7.0 m ht					
P.T.E.F. bearing with					
all 1.0 m					
v.m.s.d. (42) = 18 NO.					
C/L 46550.53/NO 837910.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) Port-R/R/W & phd					
with A.P. 2 4/10					
of structure					
vmr (47) = 120 NO.					
ch 141 = 02/mo					169222
(14) Port-S/R/W & NRS					
same inst.					
vmr (54) = 16.0250T					
ch 70578 = 74/mf					1131024
(15) Port-R/W inst.					
with m 30					
vmr (54) = 107.919m ³					
ch 9373 = 79/m ³					1011610
					25825363
Add 12% GST (+) 3099,044					
" 1% L less (+) 258254					
" 5 fee (+) 98000					
					292,80,661
less - 15.11% below (-) 44,24,308					
					248,56,353
less. prem paid (-) 192,47,036					
					56,09,317

03/2/24
Continuation
03/2/24