

SANJAY KR. KHANNA

Schedule XLV From No. 134.
BIHAR P. W.D.

MOB No:- 2844

Rural work department

DIVISION

Rural work

SUB-DIVISION

KHANNA

MEASUREMENT BOOK

MOB No:- 2844

1st on A/c Bill

Measurements

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 measurements relating to each work.)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/Work:-	Constn		Dr Road		
	from	PLD	Sadaka		
	to	Baretha (Karnava			
	Beli Bag).				
Head :-	MMSY (GEN)				
N/Agency :-	Sanday Kr.				
	Kham,				
	Bangach, Sakasa.				

A. No:- 15/SBD/MMSY/2021-22

A. Rate:- 0.11% Below

Date of Start:- 19.08.2021

Time of completion:- 18.05.2022

Record entry

- ①. Setting out pillars
 PLV & binary to working
 bench mark pillars
 — do — etc.

- (i) Bench Mark Pillars — 02 Nos.
 (ii) Reference Pillars — 07 Nos.

- ②. clearing scrubbing
 land land (or
 Manual Means)
 — do — etc.

Continuation

Abstract of cost

Est on A/C 281

Sch. XLV-Form No. 134

Particulars	Details of actual measurement.				Contents of area
	No.	L.	B.	D.	
(1) Plr & fixing of ironing bench Mark pillars					
do do					
(i) Bench mark pillars					
Dty = 02 Nos vide p-					
@ Rs. 4162.44/No					Rs. 8325.00
(ii) Reference pillars					
Dty = 07 Nos vide p-					
@ Rs. 1904.50/No					Rs. 13351.00
(2) Clearing & grubbing road land (By Hamula) do					
Dty = 1.28 Hect vide p-2					
@ Rs. 53879.81/Hect					Rs. 68966.00

(3) Cost of embankment with approved material upto 100m lead					
Dty = 2083.668 m ³ vide p-25					
@ Rs. 143.30/m ³					Rs. 298590.00
(4) Cost of embankment with approved material upto 1000m lead					
do do					
Dty = 179.228 m ³ vide p-26					
@ Rs. 190.42/m ³					Rs. 34148.00
(5) Cost of Subgrade & earthen shoulders					
do do					
Dty = 3370.50 m ³ vide p-20					
1045.74 m ³ vide p-23					
Total = 4416.24 m ³					
@ Rs. 192.10/m ³					Rs. 848360.00
Total = Rs. 1271740.00					

Total = Rs. 1271740.00

Particulars	Details of actual measurement				Contents of area
	Nb.	L.	B.	D.	
⑥. Cost of granular					
Sub base (6.58 m ²)					
do					
Qty = 1430.17 m ³ vide P-					
@ ₹. 2788.55/m ³					₹. 3988101.00
⑦. Plv, laying, spreading and compacting					
L2B M. br-3					
do					
Qty = 528.54 m ³ vide P-					
@ ₹. 3212.60/m ³					₹. 1681925.00
⑧. Cost of un-rein-					
⑪. braced, plain cement concrete (PCC)					

M30	Grade				
do					
Qty = 107.08 m ³ vide P-②					
@ ₹. 6640.08/m ³					₹. 711020.00
⑨. Providing & fixing logo of					
⑭. M.M.H.S.Y. Project					
do					
Qty = 03 Nos vide P-					
@ ₹. 9692.50/Nos					₹. 29077.00
⑩. E/W in encasement box					
⑫. tunnels of structures					
do					
Qty = 335.37 m ³ vide P-②					
109.76 m ³ vide P-⑫					
29.798 m ³ vide P-⑩					
Total = 474.928 m ³					
@ ₹. 283.94/m ³					₹. 134851.00
Continuation					
Total = 781674.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(11) P.W. P.C. - H.S. grade					
(12) Concrete - do - E19.					
Qty = 23.76 m ³ vide P- (6)					
4.595 m ³ vide P- (10)					
9.510 m ³ vide P- (12)					
Total = 37.865 m ³					
@ R. 5257.58/m ³					R. 199154.00
(12) P.W. P.C. H.S. grade					
(23) Concrete in bands					
do - E19.					
Qty = 100.20 m ³ vide P- (3)					
36.64 m ³ vide P- (11)					
Total = 136.84 m ³					
@ R. 5776.80/m ³					R. 790497.00

(13) P.W. P.C. H.S. grade					
(25) in Sub structure					
do - E19.					
Qty = 48.66 m ³ vide P- (6)					
25.16 m ³ vide P- (17)					
33.74 m ³ vide P- (11)					
Total = 107.56 m ³					
@ R. 5973.78/m ³					R. 642486.00
(14) P.W. weep holes in					
(26) P.C. R.C. - do - E19.					
Qty = 108.00 Nos vide P- (6)					
568.00 Nos vide P- (14)					
Total = 162 Nos					
@ R. 111.08/Nos					R. 17995.00
Total R. 9466846.00					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(15) P.W. R.C.C. Mass grade					
(27) in Sub Structure					
do					Elg.
Qty =	30.06 m ³	vide P-(6)			
	18.84 m ³	vide P-(14)			
Total =	48.90 m ³				
	@ Rs. 6562.29/m ³				Rs. 320896.00
(16) Supplying, fitting &					
(68) placing H.P.S.D bar					
reinforcement do					Elg.
Qty =	3.015 MT	vide P-(5)			
	1.410 MT	vide P-(14)			

Total =	4.425 MT				
	@ Rs. 48820.28/MT				Rs. 216030.00

(17) P.W. Back filling					
(29) behind abutment					
do					Elg.
Qty =	102.54 m ³	vide P-(10)			
	42.37 m ³	vide P-(18)			
Total =	144.91 m ³	44.27 m ³			
	@ Rs. 758.87/m ³				Rs. 109482.00

(18) P.W. & large filter					
(30) Headin with granular					
crushed do					Elg.
Qty =	57.43 m ³	vide P-(9)			
	25.80 m ³	vide P-(17)			
Total =	83.23 m ³				

Continuation
@ Rs. 2906.40/m³ Rs. 247712.00

Total = Rs. 10929574.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(19) PIV & Laying					
(31) RCC M20 grade					
Concrete in					
Super structure					
do - 19.					
Qty = 13.14 m ³ vide P-18					
7.68 m ³ vide P-16					
Total = 82.82 m ³					
@ Rs. 7114.22/m ³ - Rs. 148118.00					
(20) PIV SF & Placing					
(32) M4SD in Super Struch					
do - 19.					
Qty = 1.223 MT vide P-7					

0.664 MT vide P-16					
Total = 1.887 MT					
Limit 1.80 MT					
@ Rs. 49916.39/MT - Rs. 89849.00					
(21) PIV PCC M20 grade					
(33) in parapet Constr					
do - 19.					
Qty = 12.00 m ³ vide P-18					
4.704 m ³ vide P-18					
Total = 16.704 m ³					
@ Rs. 5973.28/m ³ - Rs. 99778.00					
(22) Painting on parapet					
(34) Wall - do - 19.					
Qty = 82.95 m ²					
27.65 m ² vide P-9					
20.64 m ² vide P-11					
32.32 m ² vide P-19					
Total = 135.91 Continuation					
@ Rs. 101.61/m ² - Rs. 13810.00					
Total = Rs. 1,128,129.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23) P/W Drainage					
(35) Spots as per do E/S.					
Qty = 12 Nos vide P. (8)					
04 Nos vide P. (16)					
Total = 16 Nos					
@ Rs. 424.06 / Nos					A. 6785.00
(24) P/W & Carriageway R.C.C.					
(36) M30 grade concrete					
Wearing Course					
do do E/S.					
Qty = 1.48 m ³ vide P. (18)					
@ Rs. 11516.79 / m ³					Rs. 17045.00

(25) P/W P.C.C. M15 grade					
(38) Concrete in sub-structure do E/S.					
Qty = 6.30 m ³ vide P. (19)					
@ Rs. 5669.15 / m ³					B. 35716.00
(26) P/W & Carriageway R.C.C.					
(39) Pipe NP-3 bar culvert do E/S.					
Qty = 7.50 m vide P. (19)					
@ Rs. 3930.32 / m					A. 29477.00
(27) Disturbance of existing structure like culvert do E/S.					
(i) cast concrete					
Qty = 1.13 m ³ vide P. (19)					
@ Rs. 502.88 / m ³					Continuation A. 569.00
Total = Rs. 11370721.00					

Sch. XLV-Form No. 134 ³⁴ B/f = R. 11370721-¹⁰

	Total = £ 130,03324.00	
Less 0.11 % as per		
Agreement (below) (-) £. 14304.00		
	/	
	Total = £. 12989020.00	
 A. J. J. 21/03/2022 E	 21/03/2022 AE	 C. P. P. 21-03-2022

Agreement (Below) (-) Rs. 14304.00

Total	Rs. 12989020.00
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21/03/2022
E

WAF
21/03/2022
AE

21-03-2022