

AGREEMENT NO:-34/MMG/SY/CSC/SD/2020-21

NAME OF WORK:-T04 TO KHAS MANIGURA

Schedule XLV-Form No. 134

R.W.D(W.D)KISHANGANG-2 DIVISION

DIGHAD BARK SUB-DIVISION
(TENDER ID-90966) MB NO:-1130

MEASUREMENT BOOK

NAME OF AGENCY:-ATHAR HUSSAIN

कार्यपालक अभिलेख
ग्रा०का०वि०, कार्य :
13 किशोरागंज
26/5/19

Date of last entry _____

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.	
Name of work:-					Toty to khas Marguz.
Agency =					Atthar Hussain.
Agreement No. - ³⁴ 28					MMUSY/SB0/20-21. EC
Date of work order =					24-06-2020.
Date of completion =					23-06-2021.
DIE =					07-09-2020.

Record Measurement.

1. Const. of B.M. & Ref. Pillar					
do - all C.B.					
1 no./km = 3 nos. per.					2.171 km = 2.171 km.
2. Clearing and grubbing of road land					do - all C.B.
65	30.0	3.0			= 5850 m ²
					= 0.585 Ha.
3. P/fixing MMUSY Logo					
Board					= 2 nos.
4. P/fixing MMUSY 'entomology					
sign board with logo					= 2 nos.

Continuation

5/ Dis-mantling of structure etc					
2 x 3.50 x 3.40 x 0.30					= 7.14 m ³
2 x 2 x 8.00 x 0.85 x 3.00					= 81.60 m ³
2 x 2 x 7.50 x 1.00 x 3.00					= 45.00 m ³
					<u>133.74 m³</u>

ABSTRACT OF COST.

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Const. of B.M. & Ref. Pillar					
— do — all T.M.B.					
Vide T.M.B. Page 1 item (1) =					
2.171 CM @ 3391.76/-					Rs. 7364.20
2. clearing & grubbing of road bed — do — all C. job					
Vide T.M.B. Page 1 item (2) =					
0.585 Ha @ 51109.28/-					Rs. 29899.20
3. Dismantling of Structure					
Vide T.M.B. Page 1 item (5)					
= 133.74 m ³ @ 334.22/m ³					Rs. 44699.20
4. Excavation for foundation C. job					
Vide T.M.B. Page 2 item (5)					
= 144.00 m ³ @ 284.73/m ³					Rs. 42441.20
5. P/PCC m. in P.C. job					
Vide T.M.B. Page 2 item (6) =					45.60 m ³
" " 2 item (1) =					82.28 m ³
					127.88
					@ 6517.31/m ³ = Rs. 833434.20
6. P/Masonry in foundation					
Logo & ground — C. job					
Vide T.M.B. Page (1) item (1)					
2 2 nos @ 10742.89/-					Rs. 21486.20
					Rs. 9,79,323.20

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Record Measurement				05	11-2020.
(1) P/E/W in excavation - C.I. pipe.					
Irrigation Conduit Pipe 300mm dia H.P.	7	7.50	0.70	0.60	= 22.05 m ³ .
2M x 2M Cul 2 Nos. V.M. 100mm dia	2x1	7.50	5.60	2.00	= 168.00 m ³
W/W	4x2	4.00	1.50	2.00	= 96.00 "
R/W	4x2	1.00	1.50	2.00	= 24.00 "
Simplex 100mm dia 3 Nos.					
H/Wall	3x2 x	6.350	1.400	1.50	= 80.01 "
Below Pipe	3x1 x	4.700	1.530	0.55	= 11.87 "
					401.93 m ³ .
(2) P/laying 1st class Bedding					
With compacted sand					
do all T. job.					
	7	7.50	0.30	0.25	= 3.94 m ³
(3) P/laying 300mm dia H.P. NB					
do all T. job					
	7x3 x 2.5				= 52.50 m.
(4) P/PCC M10 (1:3:6) on leveling course - C.I. pipe.					
2M x 2M (2 Nos) H.P.C. (3 Nos)	3x2 x	6.350	1.400	0.150	= 800 m ³
(5) P/PCC M20 for P.C. P.C. Arb.					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2m x 2m (5)					
A/W	2x2	7.50	5.60	0.40	67.20 100.80
W/W	2x4	4.00	1.50	0.40	9.60 28.80
R/W	2x4	1.00	1.50	0.40	7.20
3 way 8" pipe					
H/W	3x2	6.150	$\frac{1.250}{2}$ 1.350	1.350	53.55 11
			2		190.35 m ³
(6) P/a laying NB 1000 mm					135.15 m ³
all T. & B.					
	3x2	2.5			22.50 m ³
(7) P/a laying 1st class bedded with granular material					
	3	5.500	1.930	0.550	14.09 m ³
	3	5.50	0.70		3.69
					10.40 m ³

Record Measurement dt. 15/11/2020

(1) P/a laying PCC M20 in subgrade					
For P/a - all T. & B.					
A/W	2x2	7.50	2.100	0.400	25.80 m ³
	2x2	7.50	$\frac{2.10+1.70}{2}$	0.400	22.80 11
	2x2	7.50	$\frac{1.70+1.364}{2}$	0.800	36.76 11
W/W	2x4	4.00	$\frac{1.50+1.30}{2}$	0.400	18.90 11
	2x4	4.00	$\frac{1.30+1.10}{2}$	0.400	15.36
	2x4	4.00	$\frac{1.10+1.00}{2}$	0.800	26.88
R/W	2x4	1.00	$\frac{1.50+1.30}{2}$	0.400	4.48
	2x4	1.00	$\frac{1.30+1.10}{2}$	0.400	3.84
	2x4	1.00	$\frac{1.10+1.00}{2}$	0.800	6.72
Cut off	2x2	0.528	0.600	0.400	0.50
	2x2	$\frac{0.528+1.328}{2}$	$\frac{0.600}{2}$	$\frac{0.400}{2}$	0.90

Continuation
 $2x2$ $\frac{1.328+2.60}{2} \times 0.60 \times 0.800 = 3.20$
 164.56 m³

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	Qty 3/17				164.56 m ³
Head wall	3x2	6.150	$\frac{0.90 + 0.450}{2}$	2.20	54.80 m ³
					219.36 m ³
Abutment for Hume bridge					
	3x2	0.90	1.21	(c)	13.92 m ³
					205.44 m ³
(2) Const. of Ret. Walling B.M.					
Pillar	do	all	C.B.B.		
Qty					2.1711 m
(3) Dismantling of a bridge					
Qty	do	all	C.B.B.		
	5	30.0	2.50	0.125	46.88 m ³
	7	30.0	2.00	0.125	52.50 m ³
	3	30.0	3.00	0.125	33.75 m ³
					133.13 m ³
(4) Excavation for roadway					
	do	all	C.B.B.		
Qty vide T.M.B (5) item (1)					401.93 m ³
" (2) " (5)					144.00 m ³
					545.93 m ³
				X 60%	
					327.56 m ³
(5) Const. of E.W. & Embank					
Qty	do	all	C.B.B.		
ditch	30	30.0	2.50	0.30	405.00 m ³

Continuation

Full
15/11/20
J.E.

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
Record measurement - 25/11/20					
(1) Const. of Subgrade - do - C.S.B.					
	30	30.0	6.0 _{av}	0.40 _{av}	2160.00 m ³
(2) P/G.S.B. Grade 2 - do - C.S.B.					
	30	30.0	4.05	0.200	729.00 m ³
<u>25/11/20</u> <u>J.E.</u>					

ABSTRACT OF COST.

1. Const. of B.M. - do - C.S.B.					
vide T.M.B. Page (1) item (1) =					
2.171 km @ 3391.76/- %					7364.00
(2) Const. of workup Ret. P. 11 m					
do - all C.S.B.					
vide T.M.B. Page 7 item (2)					
= 2.171 km @ 1579.28/- %					3429.00
3/ Clearing and grubbing of					
wood land - C.S.B.					
vide T.M.B. Page (3) item (2)					
= 133.74 m ³ @					
= 0.585 Ha @ 51109.28/- %					29899.00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			12.25		
(4) Disposal of					
Structure - all					
vide T.M.B. Page (3) item (3)					133.74 m ³
" " (4) " (1)					138.60 "
" " (7) (3)					133.13 "
					405.47 m ³
(5) Qty of rec. slab					
vide T.M.B. Page 4 item (1)					3.55 m ³
					401.92 m ³
					334.27 m ³ @ 134330 =
(5) Excavation for roadway					

Soil strip - all					
Qty vide T.M.B. Page (7) item (4)					
= 327.50 m ³ @ 126.24/m ³ - to 41344 m ³					
6) Const. of Embankment from earth obtained roadway					
Cut - all					
vide T.M.B. Page 9 item (5) =					
327.50 m ³ @ 35.66/m ³ - to 11679 m ³					
(7) Const. of Embankment with materials - 1000m - lead -					
vide T.M.B. Page 9 item (5)					
= 405.0 m ³ @ 174.63/m ³ - to 70725 m ³					

Continuation

to 2,98,770 = 0.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		18/17 ap.		2,98	770 = 0
(8) Const. of Subgrade - c. Sub.					
vide T.M.B. Page 8 item (1) =					
2160.00 m ³ @ 187.61/m ³ = 4,05,238 =					
(9) P/G.S.B. Crs 2 - do - c. Sub					
vide T.M.B. Page 8 item (2)					
= 729.00 m ³ @ 2963.60/m ³ = 21,60,464 =					
(10) P/E/W excavation - c. Sub					
vide T.M.B. Page (3) item (4) = 144.00 m ³					
" " (5) = (1) = 401.93 m ³					
				545.93 m ³	
				(6) 294.73/m ³ = 1,60,902 =	
(11) P/laying R.C.C. N.B. 30 mm					
dra - do - all c. Sub					
vide T.M.B. Page (5) item (3) =					
52.50 m @ 1333.09/m = 69,987 =					
(12) P/laying 1st class bedding					
with Sand - c. Sub					
vide T.M.B. Page (5) item (6) =					
3.94 m ³ @ 326.98/m ³ = 1288 = 0					
(13) P/Pcc H10 2nd level 1st					
course - do - all c. Sub					
vide T.M.B. Page (5) item (4) =					

Continuation

8.00 m³ @ 6181.18/m³ = 49,449 =

31,46,098 = 0.

Particulars	Details of actual measurement				Contents of area
	No.	I..	B.	D.	
			R/P-A	31,4	6,098 = 00
14) P/ PCC 420 in P&P-C Job					
Vide T.M.B. R/P-C (3) item (5) = 127.88 m ³					
" " (7) " (1) = 205.44 m ³					
" " (6) " (5) = 135.15 m ³					
				468.47 m ³	
				@ 6517.31 / m ³ = Rs	30,53,164 =
(15) P/ Laying RCC NP 100 mm thick					
do all T.S.B.					
Vide T.M.B. Page 6 item (6)					
= 22.50 m ³ @ 4571.40 / m ³ = Rs 1,02,857 =					
16) P/ Laying 1st class bedding					
with granular materials - T.S.B.					
Vide T.M.B. Page 6 item (7) =					
10.40 m ³ @ 2134.82 / m ³ = Rs 22,202 = 00					
17) Dismantling of structure					
do all T.S.B.					
Vide T.M.B. Page 9 item (4)					
= 3.55 m ³ @ 468.87 / m ³ = Rs 1,664 = 00					
18) Removing all type of					
house pipe do - all T.S.B.					
Vide T.M.B. Page 4 item (2) =					
15.0 m @ 558.99 / - Rs					8,365 = 00

Continuation

Rs 63,34,370 = 00.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		20/1	63		34,370.20
19) P/ Laxip MMASU Logo					
Logo Board - 2.508					
vide TMB Page 3 item (6)					
= 2 nos @ 10742.89/-					21486.20
20) P/ Laxip MMASU Informatory					
Logo Logo Board					
vide TMB Page 4 item (7)					
= 2 nos @ 10742.89/-					21486.20
					1
					63,77,342.20

ADDUP 17.000					63773.20
ADDUP 121 GST					7,65,281.20
					1
				Rs.	72,06,396.20
Deduct @ 110% as					
for Agreement				Rs.	7927.20
					1
				Rs.	71,98,469.20
25/1/20 J.E.					

Continuation