

T-06 to Joga bigha master table.
Schedule XLV-Form No. 134

Executive Engineer R. W. D. Work - **DIVISION -**
Jehanabad

A. E. R. W. D. Work - **SUB-DIVISION -**
Jehanabad

MEASUREMENT BOOK

NO - 2731

(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 $\rightarrow$ Construction of Road with maintenance of T-06 to Joga Bigla under MMGSY District - Jalandhar.					
Name of contractor: $\rightarrow$ Sri Ramesh Kumar, Vill - Jinnosi, P.O - Naddaul, P.S - Masaulda, Patna.					
Agreement No: $\rightarrow$ 18/SBD/21-22.					

Date of start as per agg $\rightarrow$ 17/06/21.					
Date of completion as per agg $\rightarrow$ 16/03/22.					
Actual date of start $\rightarrow$ 17/06/21.					
Actual date of completion $\rightarrow$ work is in progress.					
Date of Entry $\rightarrow$ 28/06/21.					
Item No clearing and grubbing (1/2) Road Land including, spreading, wild vegetation - do -					
do					
10x	20.00	x	6.00		1200m ²
3x	20.00	x	5.00		300m ²
					1500m ²
					0.15 Hec.

Continuation

Particulars	No.	L.	B.	D.	of area
				B/f	12,69,437.00
Add 1. Gr. S. Topd 1.5 lb -					158067
0018 C&S on 20m ² cut					1,63,727.00
					1873966
				Total Rs =	14,23,164.00
Less 1.11% on 14,23,164.00 (-)					15251
MAO C&S on 20m ² 20.8.2021				Li Bill Rs =	14,07,367.00
					1353718
05/08/21					
SIC		AG			

Material taken				
(i)	Soil	=	458.15 m ³	
(ii)	Gr. S. B.	53 to 9.5	= 18.41 m ³	
		9.5 to 2.36	= 2.36 m ³	
		below 2.36	= 11.04 m ³	
(iii)	WBM - Gr. 3	33mm to 2.4mm	= 83.34 m ³	
		Stone screening	= 16.53 m ³	
(iv)	P.C.C	=		
	Stone chips	=	132.25 m ³	
	Sand	=	66.12 m ³	

05/08/21

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B/F =	12,59,437 ⁰⁰
Addn. G. Stand 17.61-					158067-
048 cells on cont ⁿ cot =					1,63,727 ²⁰
					1873966-
				Total Rs =	14,23,164 ²⁰
Less 1.11% as per agg (-)					157997 ²⁰
					15251-
AD Cap 6/11/21 22.8.2021				Thy Bill Rs =	14,07,367 ⁰⁰
					1358715-
05/08/21					
JTC				AG	

Material Stock				
(I) Soil =	45	8.15	m ³	
(II) G. S. B, 53 to 9.5 =	18.41	m ³		
	9.5 to 2.36 =	2.36	m ³	
	below 2.36 =	11.04	m ³	
(III) WBM - G. S. 3	832m to 22.4m =	8334	m ³	
	Stone security =	16.53	m ³	
(IV) P.C.C =				
	Stone chips =	132.25	m ³	
	Sand =	6.6.12	m ³	

2nd on A/C

18

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work → Construction of Road with Maintenance of T. & G. to Joga Bigha under M.H. & S. District - Deharabad.					
Name of Contractor → Sri Ramesh Kumar, Vill - Terari, P.O - Madaul, P.S - Mayaluxi Patna.					
Agreement NO. → 18/SB/21-22.					
Date of start of work → 17/06/21.					
Date of completion of work → 16/08/22.					
Actual date of work → 17/06/21.					
Actual date of completion → 16/08/22.					
Date of estimate → 05/02/22.					
Ikm No Estimate in execution (1/20) - for structure as per drawing — db — db					
Abutment					
2 x 9.100 x 2.200 x 1.600					64.06 m ³
Retaining wall					
4 x 1.800 x 2.00 x 1.600					23.04 m ³
Floor under road slab					Total qtr = 87.10 m ³
(2/22) providing M-15, (1:2:5) P.C.C as levelling course — db — db					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Abutment					
	2	9.1000	2.150	0.200	2.83 m ²
R. wall	4	1.8000	1.950	0.200	2.81 m ²
				Total	10.64 m ²

Item No	Excavation for roadway				
(3/8)	In soil deposited from roadway cutting - d - d -				
	0.60	12.23			10.34 m ²

(4/5) Construction of embankment

with material obtained from

	fill	from	Depth	QTY
CH	area (m ²)	fill area (m ²)	(m)	(m ³)
0	3.502	—	—	—
50	3.102	3.302	50	165.10 m ³
100	3.864	3.483	50	174.15 m ³
150	3.524	3.694	50	184.20 m ³
200	4.080	3.802	50	190.10 m ³
250	3.990	4.025	50	201.25 m ³
260	2.540	3.255	50	162.25 m ³
			Total	1028.05 m ³

Deduction (-)	Gr. S. B. + G. S. B. + P. C. C. + subgrade	
(104.69 + 32.81 + 21.69 + 152.94 + 458.15 + 8.00)	2828.28 m ³	= 249.77 m ³

05/02/22

SC

Continuation

AC

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Line Bar					
10 ϕ , 125 C/c					
60 x 1.8 x 50 x					
60 x 1.900 x 0.62 kg/m ²					70.6819
				Total =	124.0819
Both the abutment					
2 x 124.08					248.16 kg.
(3/25) - plain/reinforced cement					
concrete (M-20) in substructure					
complete as per drawing					
abutment cap					
2 x 7.500 x 0.700 x 0.200					2.10 m ³
Dist wall					
2 x 7.500 x 0.400 x 0.2400					1.44 m ³
Return wall capping					
4 x 2.200 x 0.400 x 0.150					0.53 m ³
				Total qty =	4.07 m ³
ϕ					
14/02/22					
25					
(1/28) - Supply, Fixing and placing					
H.Y.S.P. Bar & reinforcement					

16/03/22
 200
 16/03/22
 16/03/22

Abstract of cost

Date of abstract: 16/03/2022.

(1/1) - Provⁿ & Fixing of working

bench mark pillars - db - db -

V.T.M.B, P.No - 01

1 Nos,

@ Rs 1650.55 / No - Rs - 1650.55

(2/2) - chosing and grabbing

road land - db - db -

V.T.M.B, P.No - 01

0.150 Hrs.

@ Rs 51161.75 / Hrs - Rs - 7624.25

Continuation

Particulars	Details of actual measurement				Conte of ar
	No.	L.	B.	D.	
(3/3) Excavation for roadway in soil with manual means — do — do —					
V.T.M.B. P. No. 03,					
		17.23m ³			
@ Rs 74.16/m ³ —				Rs - 1278	
(4/4) - Construction of embankment with approved material — do — do —					
V.T.M.B. P. No. 19,					
		10.34m ³			
(5/5) Construction of embankment with approved material — do — do —					
V.T.M.B. P. No. - 02, 458.15m ³					
P. No. - 19, 249.77m ³					
Sum = 559.02m ³					
@ Rs 188.05/m ³ —				Rs - 1,05,137.00	
(6/6) - Construction of subgr- ade and earthen shoulder — do — do —					
V.T.M.B. P. No. 26,					
		104.69m ³			
@ Rs 235.98/m ³ —				Rs - 2,47,05.00	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7/7) - Granular sub-base					
Coarse graded material - do					
do					
V = T.M.B. P. No. - 25,					
				4.05 m ³	
P. No - 07,				28.76 m ³	
Total = 32.81 m ³					
@ Rs 1964.65/m ³ —					Rs 64,460.20
(8/8) - W.B.M. - 40-3					
do					
V = T.M.B. P. No. - 09,					
P. No - 25,				2.81 m ³	
Total = 71.69 m ³					
@ Rs 2446.52/m ³ —					Rs 1,75,391.20
(9/9) - Construction of concrete					
Plain cement concrete -					
do					
V = T.M.B. P. No. - 11,					
				146.94 m ³	
P. No - 25,				6.00 m ³	
Total = 152.94 m ³					
@ Rs 5207.99/m ³ —					Rs 796,510.20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10/10) - Laying Bitum. Soling on prepared subgrade - ch					
— do —					
V. T. M. B. P. NO! - 25,					
125.00 m ²					
@ Rs 453.52/m ² —					Rs 56690.00
(11/11) - Reinforced cement concrete M-15 grade -					
Kelometer Stone - ch ch					
V. T. M. P. P. NO! - 26,					
2 NOS.					
@ Rs 1946.08/NOS -					Rs - 3892.00
(12/12) - Traffic Signs,					
600 mm equilateral					
— do —					
V. T. M. B. P. NO! - 26,					
01 NOS					
@ Rs 3546.03/NOS -					Rs 3546.00
(13/13) Traffic Signs,					
600 mm circular -					
— do —					
V. T. M. B. P. NO! - 26, 01 NOS					
@ Rs 3648.52/NOS -					Rs 3648.00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L.	B.	D.
V.T.M.B P. NO. - 22.				
		28.00 m		
@ Rs 119.66 / NOS -			Rs -	3350.00
(28/32) - Brick masonry work				
in 6.17 (11'4") in 11'04"				
work complete - d-d				
V.T.M.B P. NO. - 05.				
		13.82 m		
@ Rs 15204.39 / m ² -			Rs -	29120.00
(29/33) - masonry and brick				
culverts - d-d				
V.T.M.B P. NO. - 04				
		7.50 m		
@ Rs 1141.29 / m -			Rs -	8560.00
(30/34) plastering work 6.17				
11'4") on brick work				
- d-d				
V.T.M.B P. NO. - 05.				
		34.88 m ² .		
P. No. 24,		58.92 m ²		
Total:		93.60 m ²		
@ Rs 150.86 / m ² -			Rs -	14120.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
V.T.M.B P. NO. - 28.					
28 CONOS.					
@ Rs 119.66/MOS -				Rs -	3350.200
(28/32) - Brick masonry work					
in G.M (11.8) in Head					
work complete - do do					
V.T.M.B P. NO. - 05.					
13.82 m ²					
@ Rs 15204.39/m ² -				Rs -	29120.200
(29/33) - plastering and lorry					

culverts - do do					
V.T.M.B P. NO. - 04					
7.50 m					
@ Rs 1141.29/m -				Rs -	8560.290
(30/34) plastering work G.M					
(11.4) on brick work					
do do					
V.T.M.B P. NO. - 05.					
34.88 m ² .					
P. NO. 24,					
58.92 m ²					
Total =					93.60 m ²
@ Rs 150.86/m ² -				Rs -	14120.200

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/35). provided 15 mm					
Corrected Area - d - d -					
V.T.M. B, A NO: 15,					
			8.29 m ²		
P.M.O.S. 24,		26.56 m ²			
Total 35.85 m ²					
Limit = 35.60 m ²					
Rs 45.41 / m ² — Rs. 1620.20					
Total cost Rs 20,76,164.20					
Add 2 Y. GST Rs = 2,49,194.20					
Add 14. Carbon Tax Rs = 20,766.00					
Rs 47,136.20					
Total Rs = 23,93,710.20					
Less 1.11% discount (-) Rs = 26,570.00					
Total Rs = 23,67,140.20					
Provisional payment Rs = 13,58,715.00					
Tax Bill Rs = 10,08,425.20					
16/03/2022					
S.C					

Continuation