

247/19-20

વિજ્ઞાપન સંબંધિત એમ ઓ

Schedule XLV-Form No. 134

ગાંધી

DIVISION

ગાંધી સંબંધિત

SUB-DIVISION

MEASUREMENT BOOK

શ્રી ગાંધી સંબંધિત એમ ઓ.

Tanong/12/11

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.	
<u>Name of Road - TANONGHIN Dabhab</u>					
<u>Tolu to Tol</u>					
<u>Agency - PRARAST/Mani Tripathi</u>					
<u>Agg. No - 21 SED/02019-2020</u>					
<u>Date of Agg. -</u>					
<u>Date of Completion -</u>					
<u>Date of Est. -</u>					
<u>Estimated cost - Rs 55.47 lacs</u>					
<u>be done by</u>					
<u>Measurement</u>					
<u>1) Construction of benchmark</u>					
<u>Peller etc do do</u>					
					<u>Qty = 0.705 Km</u>
<u>2) Construction of reference</u>					
<u>Peller etc do do</u>					
					<u>Qty = 0.705 Km</u>
<u>3) Clearing & grubbing road</u>					
<u>Material etc do do</u>					
	2x20	30.0	1.50	-	<u>= 1800m²</u>
	2x3	30.0	1.50	-	<u>= 270m²</u>

Continuation

Particulars	Details of actual measurement				Contents
	No.	L.	B.	D.	
	221	15.0	1.50	-	$\frac{15 \times 1.5}{2} = 11.25 \text{ m}^2$ $= 45.0 \text{ m}^2$ 2115.0 m^2
					Qty = 0.21 Hect
(4) Construction of road embankment etc. do do - all - job					
	2x10	30.0	1.5 + 0.9	0.60	$= 432.0 \text{ m}^3$
	2x10	30.0	1.5 + 0.75	0.70	$= 472.50 \text{ m}^3$
					Total = 904.50 m ³
(1) R/w Qty for load = 1000m					
					$= \frac{30}{100} \times 904.50 \text{ m}^3 = 271.35 \text{ m}^3$ Qty = 271.35 m ³

(ii) R/w Qty for load = 100m					
					$= \frac{70}{100} \times 904.50 \text{ m}^3 = 633.15 \text{ m}^3$ Qty = 633.15 m ³

(5) Excavation for road way in drill using manual means etc. do - do - all - job					
	2x20	30.0	0.375	0.10	$= 45.0 \text{ m}^3$
	2x3	30.0	0.375	0.10	$= 6.75 \text{ m}^3$
	2x1	15.0	0.375	0.10	$= 1.125 \text{ m}^3$
					Qty = 52.87 m ³

(6) P/V & F/G M.M.G.S.V. automatic Stone bound etc. do - do - job					
					Qty = 0.2 Nos

Continuation

Sch. XLV Form No. 134

Particulars	Dimensions of measurement			Contents of area
	No.	L	B	
④ Construction of granules				
Sub base by providing well graded material etc				
As per spec 1	30	0.90	0.10	= 0.272
"	7	1.50	0.90	= 0.945m
"	10	2.0	1.10	= 2.10m ³
at edge	2x5	10.0	0.45	= 4.50m
"	1	2.50	1.20	= 0.301
"	1	3.0	1.20	= 0.361
"	1	3.8	1.25	= 0.475
"	10	1.5	1.20	= 1.80
At edge	2x5	2.0	0.30	= 0.60
Post Repair-	1	3.5	1.20	= 0.42
"	5	1.5	0.90	= 0.675
"	3	2.400	1.20	= 0.864
in BOC	2x20	30.0	0.375	= 45.0
"	2x3	30.0	0.375	= 6.75
"	2x1	13.5	0.375	= 1.01
				Σ 65.97m³
⑤ P/R laying WBM on top				
Stone metal Control section in				
Proper grade Gumboer 2x2				
"	120	30	3.75	= 168.75m ³
checking	3	30	3.75	= 25.31m ³
"	1	13	3.75	= 3.656m ³

Continuation

Particulars	Details of actual measurement				Quantity of work
	No.	L.	B.	H.	
For Section	30.2	12.1	1.5	1.5	2.1
width					200.14443
① Construction of Reference Pillar					
etc do - do - all - id					
all completed					
of work	1X10	2010	1.2	1.5	1.5
of work	2X5	2010	1.1	1.5	1.5
					Q ₁ = 226.87 m ³
<div style="display: flex; justify-content: space-between;"> <div> <p>04.05.20</p> <p>A. K.</p> </div> <div> <p>20/4/20</p> <p>JE/RWD</p> <p>ARH</p> </div> </div>					

Is on P/C Bill
ABSTRACT OF COST

① Construction of Reference Pillar

etc do - do - all - id

Qty vide TMBP-01

0.705 Km @ 10772.35/Km Rs 7595=

(2/3) Construction of Reference Pillar

etc do - do - all - id

Qty vide TMBP-01

0.705 Km @ 9732=18/Km Rs 6861=

Continuation

01/02/19/158=0

Sch. XLV Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	

(3/4) Clearing 10m benz star

band etc. do - do - do

Qty wide TMBP - 02

0.21 Hect @ 198-92/1100 L 10460=

4/5 Construction of road embankment

ment with lead 1000 m etc

Qty wide TMBP - 2

271.35 m³ @ 197-92/m³ L 50992=

5/6 Construction of gravel road

caution shoulder etc

Qty wide TMBP - 02

226.87 m³ @ 189-80/m³ L 43060=

6/7 Construction of road embankment

ankment with lead 1000 m etc

do - do - all complete job

Qty wide TMBP - 02

633.15 m³ @ 143-06/m³ L 90591=

7/8 Excavation for road way

etc do - do - all - job

Qty wide TMBP - 02

521.87 m³ @ 82-01/m³ L 4335=

Continuation

BIFR, 213,894=0

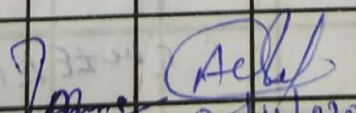
7

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(8/10) Construction of granular sub base with all road material etc etc - all - 10					
Qty wide TMBP - 3					
65.97 m ³ limit for 65.57 m ³					
65.57 m ³ @ R ₁ 3154 = 88/m ³					R ₁ 2,06,265 = 00

(9/11) Providing, laying, spreading and compacting 100 mm thick concrete metal and dished					
Qty wide TMBP - 34					
200.146 m ³ @ R ₁ 3927.55/m ³					R ₁ 7,85,083 = 00

(10/25) P/W F/F typical					
MMGSX in formwork etc					
bound etc etc etc					
Qty wide TMBP - 02					
02 Nos @ R ₁ 11511 = 60/No					R ₁ 2,30,23 = 00
					R ₁ 12,29,865 = 00
0.01% less for below Rate (-) R ₁ 123 = 00					
Net					R ₁ 12,29,742 = 00


 20/4/20
 04.05.20
 A.S.

Sch. XLV-Form No. 13				
Particulars	Details of actual measurement			Contents of area
	No.	L	B	
<u>Material statement (for payment)</u>				
B/W	113.33	m		
Stone	2848.96	m ³		
Sand	25.18	m ³		
Rate 10/10/20 58 R/W over 500 p. 12 Mistry				