

3526

Schedule XLV-Form No. 134

EKNGA MASIRAK PITCHI ROAD 16

PACHUA DHANUK TOLA

DIVISION

CONTRACTOR - ASHIS RANJAN

A.E - RUKMANI **SUB-DIVISION**

Measurement Book

3526

1st and final bill

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 measurement relating to each work)

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of work—	Ekma Mashrakh				
Pich Savak to					
(Pachhua) Dhanuk to					
Agency—	Ashish Ranjan				
Agreement no—	83/SBD/2020-21				
Date of start of work—	13/07/2020				
Date of completion—	12/04/2021				
<u>Measurement</u>					
1. Setting out pillars					
Providing & fixing of					
working bench mark					
do					
ant =					0.530 km
2. Box cutting					
Excavation for roadway					
in soil—do—					
$2 \times 20 \times 25 \times 0.375 \times 0.1 =$					$37.50 m^3$
$2 \times 1 \times 30 \times 0.375 \times 0.1 =$					$2.25 m^3$
Total					$39.75 m^3$
3. const of embankment					
do					
$2 \times 25 \times 0.75 \times 0.70 =$					$26.25 m^3$
Unit to					$23.85 m^3$

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
④ const. of embankment with material					
do					
$2 \times 7 \times 2.5 \times 0.9 \times 0.7 =$					220.50 m^3
Limit to					211.25 m^3
⑤ const. of subgrade & earthen shoulder					
do					
$2 \times 20 \times 2.5 \times 0.625 \times 0.075 =$					46.875
$2 \times 1 \times 30 \times 0.625 \times 0.075 =$					2.812 m^3
$2 \times 20 \times 2.5 \times 0.625 \times 0.160 =$					100 m^3
$2 \times 1 \times 30 \times 0.625 \times 0.160 =$					6.0 m^3
Total					155.688 m^3
⑥ const. of granular subbase					
do					
$2 \times 20 \times 2.5 \times 0.375 \times 0.10 =$					37.50 m^3
$2 \times 1 \times 30 \times 0.375 \times 0.10 =$					2.25 m^3
$2 \times 5 \times 4 \times 0.25 \times 0.10 =$					1.0 m^3
Total					40.75 m^3
Limit to					40.55 m^3
⑦ WBM gr - III					
Providing, laying, spreading and compacting stone					
do					
$20 \times 2.5 \times 3.75 \times 0.075 =$					140.625 m^3
$1 \times 30 \times 3.75 \times 0.075 =$					8.437 m^3
$2 \times 5 \times 4 \times 0.25 \times 0.075 =$					0.75 m^3
Total					149.812 m^3

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑧ Cement concrete pavement					
const. of un-reinforced					
plain cement concrete					
pavement — do —					
$11 \times 30 \times 3.75 \times 0.16$					$= 198m^3$
$2 \times 25 \times \frac{(3.75 + 3.85)}{2} \times 0.16$					$= 30.40m^3$
$2 \times 25 \times \frac{(3.85 + 3.95)}{2} \times 0.16$					$= 31.20m^3$
$2 \times 25 \times \frac{(3.95 + 3.75)}{2} \times 0.16$					$= 30.80m^3$
$2 \times 25 \times \frac{(3.75 + 3.90)}{2} \times 0.16$					$= 30.60m^3$
				Total	321.0m
⑨ Kilometer stone					
— do —					
(i) Km stone — do — ant =					2 No.
(ii) 200m stone — do — ant =					2 No.
⑩ Providing & fixing of retro-reflectivised cautionary mandabory and informatory sign — do —					
(i) 600 mm equilateral triangle — do — ant =					1 No.
(ii) 600×450 mm rectangular board — do — ant =					1 No.
⑪ Direction & place identification sign — do —					
				ant =	1 No.
⑫ Providing & Laying of hot applied Thermoplastic					

Continuation

P. T. 6

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
compound	do				
2 X 530 X 0.10					106 m ²
(13) Providing & fixing					
of typical informatory					
sign board with					
logo	do				
				Qty =	3 No.

Gsingh
30/12/22
JE

Gsingh
30/12/22
AE

Material statement

(1) E/W = 390.788 m³
390.788 m³

(2) stone metal = 506.531 m³

(3) coarse sand = 159.994 m³

(4) stone screening = 35.954 m³

Gsingh
30/12/22
JE

Gsingh
30/12/22
AE

work has been completed
as per tech specification

Gsingh
30/12/22
JE

Continuation

Gsingh
30/12/22
AE

Abstract of cost

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Beh. XIV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1. Selling out pillars					
— do —					
amt =		0.530 km	P- (1)		
itm - (1) @ Rs		6049.416			
				2 Rs	3206
2. Box cutting					
— do —					
amt =		39.75 m ³	P- (1)		
itm - (2) @ Rs		126.24			
				2 Rs	5018 =
3. const. of embankment					
— do —					
amt =		23.85 m ³	P- (1)		
itm - (3) @ Rs		88.36 = Rs			2107 =
4. const. of embankment with material					
— do —					
amt =		211.25 m ³	P- (2)		
itm - (4) @ Rs		184.30 = Rs			38933 =
(5) const. of subgrade & earthen shoulder					
— do —					
amt =		155.688 m ³	P- (2)		
itm - (5) @ Rs		210.88 = Rs			32831 =
(6) const. of granular subbase					
— do —					

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ant =	40.55	m ³	P-(2)		
item - (8) @ Rs			348	1.49	
				= Rs	141174
(7) WBM gr - III					
do					
ant =	149.812	m ³	P-(2)		
item - (7) @ Rs			4225.60		
				= Rs	633046
(8) Cement concrete					
pavement					
do					
ant =	321.0	m ³	P-(3)		
item - (8) @ Rs			7812.12		
				= Rs	2507691
(9) Kilometer stone					
(i) km stone					
ant =	2 No.		P-(3)		
item - 9 (i) @ Rs			2269.44		
				= Rs	4539
(ii) 200m stone					
ant =	2 No.		P-(3)		
item - 9 (ii) @ Rs			632.98		
				= Rs	1266
(10) Providing & fixing of					
retro-reflectors					
do					
(i) 600mm equilateral					
triangle					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ent = 1 No. P - (3)					
chm - 10 (i) @ Rs 3582.12					
				2 Rs	3582 =
(ii) 600 mm x 450 mm					
rectangular board					
do					
ent = 1 No. P - (3)					
chm - 10 (ii) @ Rs 4643.72					
				2 Rs	4644 =
(11) Direction & place					
identification sign					
do					
ent = 1 No. P - (3)					
chm - (11) @ Rs 10434.48					
				2 Rs	10434 =
(12) Providing & laying of					
applied Thermoplastic					
compound				cl.	
ent = 10.6 m ² P - (4)					
chm - (12) @ Rs 735.44					
				= Rs	77957 =
(13) Providing & fixing of					
typical informatory					
sign board					
do					
ent = 3 No. P - (4)					
chm - (13)					

Continuation

Continuation