

17 MBD/2020-21

Chattriyan Porphan's K&O Road to

Schedule XLV-Form No. 134

Hamidkhan.

MIL 3034

Barysi

DIVISION

Burni

SUB-DIVISION

Measurement Book

1102

MD Syhar Ahmad

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 - improvement of road from Chhatian Pokharzia road to Harichaura.					
Name of Agency - Mr. Izhar Sharma					
Agreement No - 17 MBD/2020-21					
Date of Agreement - 18.8.2020					
Date of completion - 17.2.21					

Record Measurement

① clearing and grubbing

Load length - do - do

$$2 \times 2 \times 30.00 \times 0.995 = 119.40 \text{ m}^2$$

$$2 \times 8 \times 30.00 \times 1.000 = 480.00 \text{ m}^2$$

$$2 \times 3 \times 30.00 \times 0.990 = 534.60 \text{ m}^2$$

$$2 \times 10 \times 30.00 \times 1.000 = 600.00 \text{ m}^2$$

$$2 \times 5 \times 30.00 \times 0.950 = 285.00 \text{ m}^2$$

$$2 \times 7 \times 30.00 \times 1.000 = 420.00 \text{ m}^2$$

$$2 \times 20.00 \times 1.000 = 40.00 \text{ m}^2$$

$$2479.60$$

$$\Rightarrow 0.25 \text{ Hare}$$

② Dismantling of existing

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13) P/V and fixing work of Maintenance Project				1	
(i) P/V and fixing work of Project - 2 Nos.					
(ii) Citizen Information Board - 2 Nos.					
(iii) P/V and fixing work of Maintenance Project - 1					
Total - 5 Nos.					

for
SPV
AE

90/28
5.2.21
88

Material statements

(1)	EW - 525.0 MB
(2)	stone aggregate - 18.89 MB
(3)	local sand - 12.60 MB
(4)	stone material - 17.01 MB (2.63 mm to 45 mm)
(5)	stone screening - 8.52 MB
(6)	stone metal - 23.81 MB (3.53 mm to 22.40 mm)
(7)	Emulsion SS-1 = 0.225 MT
(8)	Emulsion RS-1 = 1.298 MT
(9)	Bitumen S-90 = 22.024 MT

Continuation

for
SPV
AE

90/28
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88

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>ABSTRACT OF COST</u>					
① clearing and grubbing road land — do — do					
vide Page No ① — 0.25 Hare					
@ Rs 53,662.40/Hare Rs 134162					
② Dismantling of structure — do — do					
vide Page No ② — 5.76 mb					
@ Rs 254.22/mb — Rs 146420					
③ Scarifying existing Bituminous surface — do — do					
vide Page No ② — 93.75 m ²					
@ Rs 17.37/m ² — Rs 162820					
④ P/W Brick masonry work in cement mortar (1:3) on parapet wall vide Page No ② — 5.76 mb					
@ Rs 6623.20/mb — Rs 38,150					
⑤ plastering with cement mortar (1:4) on Brick work on sub-structure — do — do					
vide Page No ② — 40.32 m ²					
@ Rs 196.15/m ² — Rs 790920					
⑥ plastering with cement mortar (1:4) of existing					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
		culvert - do - do			
vide Page No (3) -				40.32m	
		@ R 196.15/m ² - R		7908.20	
⑦		Painting two coats			
		- do - do -			
vide Page No (3) -				80.64m ²	
		@ R 105.76/m ² - R		8528.20	
⑧		P/V single row			
		300mm dia (Irrigation			
		conduit) - do - do			
vide Page No (3) -				31m	
		@ R 10,121.50 each - R		3036.50	
⑨		P/V granular sub-			
		- base with well graded			
		material - do - do			
vide Page No (3) -				24.60m ²	
		@ R 2520.26/m ² - R		61,998.20	
⑩		P/V laying, spreading			
		and compacting stone			
		aggregates of 1A B M Gr ²			
		- do - do			
vide Page No (4) -				14.06m ²	
		@ R 4503.58/m ² - R		63320.20	
⑪		P/V 1A B M Grading - 3			
		with laying, spreading			
		and compacting stone			

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
aggregates - do do					
vide Page No (5) - 19.68 m ³					
@ R 4194.53/m ³ - R 82,548=					
12. P/V laying and rolling of close graded premix surfacing material 75 mm thickness					
- do - do					
vide Page No (5) - 4424 m ²					
@ R 221.34/m ² - R 979208=					
13. P/V and applying prime coat with bitumen emulsion					
- do - do					
vide Page No (6) - 265.10					
@ R 47.65/m ² - R 12,632=					
14. P/V and applying tack coat with bitumen emulsion					
- do - do					
vide Page No (7) - 4719.79 m ²					
@ R 16.14/m ² - R 76,177=					
15. P/V and laying semi dense bituminous concrete					
- do - do					
vide Page No (8) - 118.01 m ³					
@ R 11,136.73/m ³ - R 13,14246=					
16. Const. of earthen shoulder					
- do - do					

26,99,733=

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide Page No (9) - 525. mb					
@ R 199.58/mb - R 1,04,779.20					
17 P/V kilometre stone					
— do — do —					
vide Page No (9) - ③ -					
i) KM stone - 3 Nos.					
@ R 2845.36 each R 8536.20					
ii) 200 m stone - 5 Nos.					
@ R 771.30 each R 3857.20					
18 P/V Retro reflectorized					
Traffic sign — do — do					
vide Page No (9) - 3.84 mb					
@ R 14,116.20/mb - R 54,206.20					
19 P/V and fixing of					
road stud — do — do					
vide Page No (9) - 15 Nos.					
@ R 246.75 each R 3701.20					
20 P/V Portable Road					
delinators — do — do					
vide Page No (9) - 6 Nos.					
@ R 1241.31 each R 7447.20					
21 P/V Portable barricade					
on construction zone					
— do — do —					
vide Page No (9) - 5 Nos.					
@ R 2930.81 each R 14,954.20					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22) P/V Traffic cone dots vide page No (9) - 10 M @ R 13 21.23 each R 13 21 20					
(23) P/V Retro - reflector sign - do do vide page No (10)					
(i) 600 mm equilateral triangle - 10 M. @ R 42 48.59 each R 42 48 50					
(ii) 600 mm circle - 2 M @ R 43 64.35 each R 87 28 =					
(iii) 600 mm x 450 mm rectangle - 3 M. @ R 42 18.84 each R 12, 65 60					
(24) P/V and laying Rumble strip - do do vide page No - (10)					
(i) Thermo plastic paint - 6 m ² @ R 830.94/m ² R 4985 =					
(ii) Road strips - 48. m ² @ R 246.75/m ² R 11,844 =					
(25) P/V Reinforced cement concrete M 15 grade boundary pillars - do do					

Continuation

29,91,124 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
vide page No (10) - 32					
@ R 634.60 each					20,307.20
(26) planting of trees by road side - check					
vide page No (10) - 13					
@ R 875.63 each					11,383.20
(27) P/V and laying of hot applied thermoplastic compound - check					
vide page No (10) -					
(1) B-T. Pothole - 249					
@ R 830.94 /m ²					2,06,904.20
(11) pedestrian crossing - 24					
@ R 830.94 /m ²					19,943.20
(28) P/V and fixing of typical MMS sign in form of sign Board - check					
vide page No (11) - 5					
@ R 11,035.15 each					55,476.20
					R 33,05,137.20
					R 33,04,901.20
Below 0.11 %					R 36,35.20
					R 33,01,266.20
					33,01,502.20
					gobish
					5.2.21

SE

Continuation

Letter No. 23 Dated. 26.03.2021

Allotment - 33,06,700.20

Sst on Account bill

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
SD	05%	—			165075=
PSD	03%	—			99045=
GT	01%	—			33015=
CGST	01%	—			33015=
SGST	01%	—			33015=
L. cess	01%	—			33015=
Royalty		—			29600=
S. Fee		—			5200=
Deduction		—			430980=
By CFMS		—			2870522=
Total		—			3301,502=
Passed for RS. 33,01,502=					Rupees
Thirty three Lac one thousand					

five hundred two only —

कार्यपालक अभियन्ता
ग्रामिण कार्य विभाग
कार्य प्रमंडल, बागमती

26/03/21

26/03/2021