

1st Dn R/c bill

Name of work—
 Situation of work—
 Agency by which work is executed—
 Date of measurement—
 No. and date of agreement.

1

(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.	
Name of work— const. of road					
from Gandhi smarak					
chakdeh to kateya					
Paschim toa tak					

Name of Agency— madhu kumari
 Agreement no— 62 SBD/2020-2021
 Date of start of work— 05/08/2020
 Date of completion— 04/05/2021

INDEX

Measurement

① Setting out pillars
 Providing & fixing of
 working bench mark
 pillars and reference
 pillars — do — — — 0.960km

② clearing and grubbing road
 Land — — do — — —
 $2 \times 32 \times 30 \times 2.0 = 3840m^2$
 $= 3840m^2$
 10000 0.38Hect

③ Box cutting
 Excavation for roadway
 in soil using manual

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
means - - do - -					
Apex $\left[2 \times 31 \times 30 \times 0.525 \times 0.10 = 100.80 \text{ m}^3 \right]$					
$\left[2 \times 31 \times 30 \times 0.525 \times 0.10 = 97.65 \text{ m}^3 \right]$					
(4) constructing embankment with approved material deposited from roadway cutting - - do - -					
Rise $\left[3 \times 30 \times 0.9 \times 0.8 = 64.8 \text{ m}^3 \right]$					
Limit to					60.48 m^3
(5) const. of embankment with material obtained from borrow pits - - do - -					
For 1000 m lead					

Rise $\left[2 \times 22 \times 25 \times 0.9 \times 0.8 = 792 \text{ m}^3 \right]$					
Limit to					751.21 m^3
(6) const. of subgrade and earthen shoulders - - do - -					
Rise $\left[\text{side of road } 2 \times 32 \times 30 \times 0.975 \times 0.1 = 187.20 \text{ m}^3 \right]$					
(7) const. of granular subbase by providing well graded material - - do - -					
SSB in widening					
$2 \times 32 \times 30 \times 0.10$					
$2 \times 31 \times 30 \times 0.525 \times 0.10 = 97.65 \text{ m}^3$					
SSB in full width					
$31 \times 30 \times 4.050 \times 0.10 = 376.65 \text{ m}^3$					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Profile correction					
4X 20X 3X 0.10 =					24 m ³
Total =					498.30 m ³
H.P. culvert					
⑧ Earthwork in excavation					
for fund - - do -					
H.W. 2X 3.90X 1.150X 1.50 =					13.455
Below pipe 1X 5.350X 1.130X 0.365 =					2.207
Total					15.662 m ³
for 2 No. H.P. culvert					
2X 15.662 =					31.324 m ³
Any					31.32 m ³
⑨ Providing m-15 PCC concrete as levelling course in found - -					
- - - do - -					
H.W. 2X 3.9X 1.150X 0.15 =					1.3455
Below pipe 1X 5.311X 1.130X 0.250 =					1.500
Less for pipe					2.1455
0.250X 0.7857X 0.830X 5.849 =					0.791
Total					2.054 m ³
for 2 No. culvert = 2X 2.054					4.108 m ³
⑩ Brick masonry work in head wall - do -					
H.W. 2X 3.60X 0.70X 2.180 =					10.98 m ³

Continuation

P.T.O

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(10) Plain/reinforced cement concrete in culstructure					
do					
H.W 2X 3.60X 0.70 X 2.780 =					14.011m
Parapet 2X 3.60X 0.40 X 0.60 =					1.728m
Less for pipe					
2X 0.785 X (0.830) X 0.530					0.574m
Total					15.165m
for 2 No. of culvert					
2X 15.165 =					30.33m
(11) Paving and Casing					
RCC pipe 1000					
do					
3X 2.50 = 7.50m					
for 2 No. culvert					
2X 7.50 =					15m
by shubh					
30/09/2021					
JE					
RPSM					
30-1-2021					
AE					
Lahadpur					

Continuation

Abstract of cost

5

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Setting out pillars Providing & fixing of working bench mark — do —					
Qnt = 0.960 km P-①					
item -① @ Rs 6044.572					
				Rs	58022
				Rs	58022
② clearing & grubbing road land — do —					
Qnt = 0.38 Hectare					
P-① item -②					

@ Rs 51133.76 = Rs 19635=

③ Ditch cutting Excavation for roadway — do —					
Qnt = 97.65 m ³					
P-② item -③					
@ Rs 126.24 = Rs 12327=					

④ consty of embankment with approved material deposited from roadway cutting — do —					
Qnt = 60.48 m ³ page -②					
item -④ @ Rs 88.362					53442

Continuation

43108=

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) const. of embankment with material obtained from borrow pits					
For 1000 m length					
Qnt = 751.21 m ² Page-(2)					
item - (5) @ Rs 184.30 =					
				Rs	138448
(6) const. of subgrade of earthen shoulder					
do					
Qnt = 187.20 m ³ p. (2)					
item - (6) @ Rs 210.88 =					
				Rs	39477 =
(7) const. of granular subbase by providing well graded material					
do					
Qnt = 1498.30 m ³					
Page-(3) item - (7)					
@ Rs 3531.92/m ³ = Rs					1759956
(8) Earthwork in excavation for gutter					
Qnt = 31.32 m ³ Page-(3)					
item - (8) @ Rs 294.73 =					
				Rs	9230 =

Continuation

406259 =
1990219 =

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(9) Providing m-1.5 as levelling course in foundation					
— — — do — — —					
Qnt = 4.108 m ³ Page-(3)					
Item - (9) @ Rs. 5505.79					Rs 22618-
					Rs 22628-
(10) Plain/reinforced cement concrete in substructure					
— — — do — — —					
Qnt = 30.33 m ³ Page-(4)					
Item - (10) @ Rs 6173.502					Rs 187242-
(11) Providing & Laying RCC Pipe MP-3					
— — — do — — —					
Qnt = 15m Page-(4)					
Item - (11) @ Rs 3193.85-					Rs 47907-
				Total Rs	2247986-
Add GST - 12%				(+) Rs	269758-
Add Labour ch 1%				(+) Rs	22480-
				Total Rs	2540224-
Less 0.06% as per agreement				(-) Rs	1524-
				Total Rs	2538700-
				Total Rs	2538700-
By Singh 25/21				RPS	
30/1/2021				30-1-2021	
JE				AE	
				Lahorepur	

Continuation

Exp
2/2/21