

Bill on A.P. Bill

1

Name of work—
 Situation of work—
 Agency by which work is executed—
 State 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.	
Name of Work — Gram Sandhani Dham Rai Ke Ghar to Thikha Gaya Ke Ghar.					
C. Head — MMGSY/SC					
Agreement No — 25 MMGSY/SB/D/2020-21					
date — 24.07.20					
Date of Work order — 24.07.20					
Agency — Subh Narayan Rai					
IDEES					

1/1	Providing & fixing working Bench-mark Pillars — E/I				Qty = 2.0 KM
2/2	Reference Pillars.				Qty = 2.0 KM
3/3	Cleaning and Grubbing Road land (by manual means) — E/I				
	2 X 2000 X 3.5 = 14000 M ²				
					= 1.4 Hect.
4/4.	Excavation for roadway in soil using manual means — E/I				
	For Rigid Pavement —				
In Box	2 X (3 X 30) X .375 X .100 = 6.75 M ³				
	2 X (3 X 30) X .375 X .100 = 6.75 M ³				
	2 X (1 X 20) X .375 X .100 = 1.5 M ³				

Continuation

Sch. XLV—Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
5/6	Construction of embankment with material obtained from borrow pits — E/2				
For 100m length	2x	(3x30)	x .80	x .30	= 43.2 m ³
	2x	(3x30)	x .90	x .30	= 48.6 m ³
	2x	(3x30)	x .95	x .40	= 69.4 m ³
	2x	(3x30)	x 1.1	x .45	= 89.1 m ³
	2x	(3x30)	x .9	x .45	= 72.9 m ³
	2x	(3x30)	x .95	x .45	= 76.95 m ³
	2x	(3x30)	x 1.2	x .45	= 97.2 m ³
	2x	(3x30)	x .9	x .45	= 72.9 m ³
					Qty. = 569.25 m ³
5/7.	Cont of Subgrade north				

	Material obtained from borrow pit — E/1				
	For Ganther portion —				
	1x	(3x30)	x 6.0	x .300	= 162 m ³
	1x	(3x30)	x 6.0	x .300	= 162 m ³
	1x	(3x30)	x 6.0	x .300	= 162 m ³
	1x	(3x30)	x 6.0	x .300	= 162 m ³
	1x	(3x30)	x 6.0	x .300	= 162 m ³
	1x	(3x30)	x 6.0	x .300	= 162 m ³
	1x	(3x30)	x 6.0	x .300	= 162 m ³
					Qty. = 1134 m ³
7/28	Exc in excavation for foundation of structure — E/1				
	For 600φ HP Culvert.				
	2x2x	3.9x	1.15x	1.5	= 26.91 m ³

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$2 \times 1 \times 5.35 \times 1.13 \times 0.365 = 4.413 \text{ m}^2$
					$\text{Qty} = 31.32 \text{ m}^3$
8/29	Providing M15 (P.C.C 1:2.5:5) as levelling course in foundation.				
	— E/L				
					$(2 \times 2) \times 3.9 \times 1.15 \times 0.15 = 2.691$
					$(2 \times 1) \times 5.311 \times 1.13 \times 0.25 = 3.00$
					$\text{Qty} = 5.69 \text{ m}^3$
9/30	Providing P.C.C M20 (1:2:4) in open foundation — E/L				
					$(2 \times 2) \times 3.6 \times 0.70 \times 2.18 = 21.974$
					$(2 \times 2) \times 3.6 \times 0.40 \times 1.20 = 6.912$
					$\text{less } (-) (2 \times 2) \times 7.857 \times (0.83)^2 \times 0.530 = -1.147$
					$\text{Qty} = 27.739 \text{ m}^3$
10/31	Providing & laying R.C.C pipe NP-3 for HP culvert — E/L				
					$(2 \times 3) \times 2.5 = 15.00 \text{ m}$
11/8	Construction of G.S.R by Providing well graded material — E/L				
	In earthen portion.				
					$1 \times (3 \times 30) \times 4.05 \times 0.200 = 72.9 \text{ m}^3$
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					$\text{Continuation Qty} = 510.30 \text{ m}^3$

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
12/13 Const. of Gsa by providing well graded material — E/I For Rigid Pavement					
2n Box	2	3X30	3.75	100	$= 6.75 \text{ m}^3$
	2	3X30	3.75	100	$= 6.75 \text{ m}^3$
	2	1X20	3.75	100	$= 1.50 \text{ m}^3$
					Qty = 15.00 m^3 (A)
For Profile	1	1.2	2.3	100	$= .276 \text{ m}^3$
Correction	1	0.9	1.6	100	$= .144 \text{ m}^3$
	5	0.5	0.70	100	$= .158 \text{ m}^3$
					Qty = 0.578 m^3 (B)
					Total Qty = (A+B) = 15.578 m^3
13/14 Providing, laying, spreading & Compacting stone aggregate, with 10% — E/I For Rigid Pavement					
	1	3X30	3.75	0.075	$= 25.31 \text{ m}^3$
	1	3X30	3.75	0.075	$= 25.31 \text{ m}^3$
	1	1X20	3.75	0.075	$= 5.62 \text{ m}^3$
					Qty = 56.25 m^3
14/15 Const. of un-reinforced, Plain Cement Concrete Pavement — E/I					
	1	3X30	3.75	1.60	$= 54.00 \text{ m}^3$
	1	3X30	3.75	1.60	$= 54.00 \text{ m}^3$
	1	1X20	3.75	1.60	$= 12.00 \text{ m}^3$
					Continuation Qty = 120.00 m^3

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
4/ Excavation for roadway in soil using manual means.					
Qty vide item no (4/4) & Page no (1) of TMB					
i.e —				15.00 m ²	
@ 74.16/m ²					₹ 1112.00
5/ Const. of embankment.					
Qty vide item no (5/1) & Page no (2) of TMB					
i.e —				569.25 m ³	
@ 141.14/m ³					₹ 80344
6/ Const of Subgrade in earthen portion.					
Qty vide item no (6/7) & Page no (2) of TMB					
i.e —				1134.00 m ²	
@ 176.86/m ²					₹ 200559.00
7/ E/W in excavation for fd ⁿ .					
Qty vide item no (7/28) & Page no (2) of TMB					
i.e —				31.32 m ²	
@ 269.32/m ²					₹ 8436.00
8/ Providing M15 as leveling course.					
Qty vide item no (8/29) & Page no (3) of TMB					
i.e —				5.69 m ³	
@ 5792.60/m ³					₹ 32960.00
9/ Providing p.c.c M20 in open fd ⁿ .					
Qty vide item no (9/30) & Page no (3) of TMB					
i.e —				27.73 m ³	
@ 6464.82/m ³					₹ 179327.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10/ Providing & laying R.C. pipe N.P.3.					
Qty. vide item no (10/31) & Page no (3) of TMB					
i.e —				15.00m	
@ 2609.42/m					₹ 39141.00
11/ Const. of G.S. by providing well graded material.					
Qty. vide item no (11/8) & Page no (3) of TMB					
i.e —				510.30m ³	
@ 3467.95/m ³					₹ 1769695.00
12/ Const. of G.S. by providing well graded material.					
Qty. vide item no (12/13) & Page no (4) of TMB					
i.e —				15.578 m ²	
@ 3467.95/m ²					₹ 54022.00
13/ Providing, laying, spreading & Compacting. W.B.M. II					
Qty. vide item no (13/14) & Page no (4) of TMB					
i.e —				56.25 m ³	
@ 4213.34/m ³					₹ 237000.00
14/ Const. of un-reinforced Plain Cement Concrete Pavement.					
Qty. vide item no (14/15) & Page no (4) of TMB					
i.e —				120.00 m ³	
@ 7357.54/m ³					₹ 882905.00
15/ Providing & fixing M.M.S. Sign board.					
Qty. vide item no (15/2) & Page no (5) of TMB					
i.e —				2 Nos.	
@ 10962.68/no					₹ 21925.00
Continuation					
Total Amt ₹					3590125.00

Material statement —

$$E/w = 1749.57 \text{ m}^3$$

Stone Metal	=	573 m ²
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Stone chip = 137.5 m^2

Stone screening = 140 m^3

Sand = 69 m^3

20/3/21
J.E