

Hannuon Mandir to S.H. SC

Schedule XLV-Form No. 134

E. E. R. W. D. (W)

DIVISION
GAY/A

A. E. R. W. D. (W)

SUB-DIVISION
FATEHPUR

Measurement Book

Changh Shonkar vielberg

3069

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.	
Name of work -					
Construction					
of Road from Hanuman					
Mandir to S.H. under					
Head M M 454 (SC)					
Name of Agency -					
Ganesh					
Shankar Vidyarthi, Vid-					
Beladih, Charki, Bodh-					
Agreement No. -					
126 / M M 454 / SC /					
S.B.D. / 2020-2021					
Date of commencement -					
20.1.21					

Date of completion - 19.03.22

Date of measurement - 18.01.22

(1) E/W in excavation

of found. of street

- - etc

(1000 mm x H.P.C.)

H.W.

1 x 2 x 6.30 m x 1.40 m x 1.50 m = 26.46 m³1 x 2 x 7.60 m x 1.40 m x 1.50 m = 31.92 m³

Pipe post

1 x 5.90 m x 1.50 m x 0.30 m = 2.66 m³1 x 5.90 m x 3.00 m x 0.30 m = 5.31 m³66.35 m³

(2) Plv R.C.C. M/S in

Levelled Course - etc

Continuation

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Sch. XLV-Form No. 134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
Name of work:- Construction of road from Hanuman Mandir to SH.					
Under mmbsy sc					
Agency:- Ganesh Shanker Ndyasthi vill- Beladhi.					
Cherki Boddhaya					
Agreement also - 126 mmbsy / sc / sro / 2020-2021					
Date of Commencement - 20.03.2021					
Date of Completion 19.03.2022					
Date of measurement					
① Const. of Boncharak and Reference pillar.					
0.100 km.					
② Reference pillar & Boreej - do					
0.100 km					
③ Clearing & grubbing road land do					
$3 \times 30.0 \times 7.0 \text{ m} = 630.0 \text{ m}$					
$1 \times 10.0 \times 7.0 \text{ m} = 70.0 \text{ m}$					
Total - 700.0 m					
= 0.07 Hec					
④ Construction of Subgrade & Earthen Shoulder do.					
$3 \times 30.0 \times 7.98 \text{ m} \times 0.30 = 215.46 \text{ m}^3$					
$1 \times 15.0 \times 7.98 \times 0.30 = 35.91 \text{ m}^3$					
Continuation					
Total - 251.37 m ³					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5) Earthwork in excavation for structure do					
600 mm of HPC					
H.W. 2 x 3.90 x 1.24 x 1.50 = 11.70 m ³					
Pipe portion 1 x 6.22 x 1.62 x 0.80 = 1.90 m ³					
				Total 2/3	13.60 m ³
(6) PCC M15 in open foundation do do					
H.W. 2 x 3.90 x 1.24 x 0.15 = 1.45 m ³					
TE (7) PCC M20 in open foundation do do					
2 x 3.60 x 1.09 + 0.64					
Below pipe 1 x 6.22 x 1.02 x 0.25 = 1.58 m ³					
(8) Layer 1st class bedding					10.00 m ³
Below pipe 1 x 6.22 x 1.02 x 0.55 = 3.49 m ³					
Deduction pipe portion 1 x 6.22 x 0.16 = 1.0					
				Total =	2.49 m ³
TE (9) Paved and layer PCC XPS Pipe do					
3 x 2.50 m					7.50 m ³
(10) PCC M20 in Sub structure do					
2 x 3.60 x 0.64 + 0.40 + 0.40					
				X 1 1/2 =	3.87 m ³
2 x 3.14 x (0.72) x 0.64 + 0.40 = 1.42 m ³					
Continuation					3.45 m ³

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Earthwork :-	6863	41	m		3
Stone Metal	Gis B	405			
53mm to 9.5mm			705.95	m ³	
			@ 475.88	/m ³	
7.5mm to 236mm			283.12	m ³	
			@ 198.87	/m ³	
1.36mm below (Stone dust)			419.16	m ³	
			@ 287.01	/m ³	
Stone Metal WBM Gr III					
30mm to 22.4mm			460.68	m ³	
			@ 937.53	/m ³	
1.2mm stone screening			91.37	m ³	
			@ 155.96	/m ³	

Stone chip (MSS) 137.06 m³
@ 774.82/m

Stone chips - 257.499 @ 418.40/m

5mm - 128.79 m³ @ 97.26/m

Bitumen Emulsion SS2 - 4.31 MT

Bitumen Emulsion RS1 - 1.40 MT

Bitumen 8.87 MT

Weld Plastic 771.62 kg

20/9/23
SE

ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
①/1	Construction of Reference Pillar				
	working Benchmarks				
1.250 km	Qty	ms	Page	(22)	
+ 1.100 km	"	"	"	(95)	
1.250 km					
1.250					
Limit 1.336 km					
	② 3650.76/km — 24877 = w				
②/2	Const. of Reference Pillar & Bureaf. do				
1.250 km	Qty	ms	Page	(22)	
+ 0.100 km	"	"	"	(95)	
1.250 km					
Limit 1.336 km					
	② 1653.24/km — 22209 = 00				
③/5	Const. of Culvert with approved material lead				
	1000 M — do do				
804.01 m ³	Qty	ms	Page	(35)	
				(53)	
	② 192.03/m ³ — 2154394 = w				
④/6	Const. of Culvert with approved material 100 M Lead				
1876.02 m ³	Qty	ms	Page	(35)	
				(53)	
	② 154.58/m ³ — 289995 = w				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(28)/38	Sinking & Laying				
	RCC NPS Pipe				
	1000mm ϕ - do				
15.0 M	Qty	m	3	Page (21)	
@ ₹ 3741.83/M — ₹ 56127 = 00					
(29)/39	Sinking & Laying				
	RCC NPS Pipe				
	600mm ϕ - do				
7.50 M	Qty	m	3	Page (28)	
@ ₹ 1194.44/M — ₹ 8958 = 00					
(30)/40	Laying Cement				
	Concrete Pipe				
	RCC NPS - do				
	300mm				
60.0 M	Qty	m	3	Page (27)	
@ ₹ 735.33/M — ₹ 44120 = 00					
(31)/41	Laying First				
	class bedding wall.				
	do do				
2.49 M ³	Qty	m ³	3	Page (26)	
@ ₹ 522.31/m ³ — ₹ 13002 = 00					
(32)/42	Filling in Foundation				
	Trenches - do - do -				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
19.38 m 3 by 1 m 3 by 2 m 3					
(a) ₹ 522.31/m 3					₹ 10122.00
				₹ 724	0668.00
Add Gst @ 12%				₹ 2	868880.00
Add Lc @ 1%				₹ 724	0.70
Add Seigniorage fee				₹ 1353	50.00
				Total =	8317305.00
Less 0.12% below ase					9981.00
				per Ass -	8307324.00
					5073982.00
Less previous bill/pay					4688740.00
				Net ₹	3618577.00
					3233392.00

20/9/23
JE

25/9/23
AE