

Work:- Construction of masonry Road from Vidya Sagar

Ray House To Tola

Der Nath-Patti, in Surand Block.

Length of road:- 8.650km (BT-0.200km + 0.450km-CC)

Schedule XLV-Form No. 134

Agreement No.:- 182/ mmsy/sab/ 2021-22.

प्रमाणकाम विभागाकाम प्रमंडल सुपरी

DIVISION

प्रमाणकाम विभागाकाम उपर प्रमंडल सुपरी

SUB-DIVISION

Measurement Book

2807

Agreement- Er. Sagar Shankar, Sitamarkh.

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	
N/Work:- Construction of MGSY road					
from Vinay Sagar Anus house					
TO T-04 Devrajpatti,					
Suband block.					
N/Agency:- Sagar Shankar					
Vill- Bhanudih					
P.O Bhanupatti,					
Dist Sirsi Mahuli.					
Agreement No:- MMGSY/182/SE2/2021-22					
Date of start:- 28.03.2022					
Date of completion:- 27.09.2022.					
Actual Date of completion:- 26.09.2022.					
Date of measurement:- 15.04.2022					
01) Providing and fixing of working					
bench mark pillars.					
alg 0.650km					0.650km
02) Reference pillar-					
alg- 0.650km					0.650km

Particulars	Details of actual measurement			Contents of area
	No.	I	II	
(01) Providing and fixing of existing Benchmark pillars.				
align vide TMB P-01.				
align 0.65 Km @ 4015.40/Km				2616.00
(02) Reference pillars.				
align vide TMB P-01				
align 0.6 Km @ 1845.78/Km				1200.00
(03) clearing and grubbing of land (By manual means)				
including uprooting wild vegetation				
align vide TMB P-02				
align 0.04 Ha @ 52970.33/Ha				3108.00
(04) Excavation for road way in soil using manual means for carry & cut soil in box cutting both edge of road.				
align vide TMB P-02				
align 54.75 m ³ @ 75.571 m ³				4137.00
(05) construction of embankment with material obtained from borrow pits.				
lead up 1000m.				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg vide TMB P-03					61575.00
alg 323.11 m ³ @ 190.54 m ³					65575.00
(6) lead up to 10.0 m-					
alg vide TMB P-03					
alg 150.02 m ³ @ 152.15 m ³ ⇒					27390.00
(07) Constructing GSB. by					
providing well graded material					
spreading in uniform layers-					
(A) Flexible road-					
alg vide TMB P-03.					
alg 103.60 m ³ @ 2911.21/m ³ =					301601.00
(B) Rigid road-					
alg vide TMB P-04					
alg 35.41 m ³ @ 2911.21/m ³ =					103086.00
(08) Providing base spreading and					
compacting with TMB P-04 WBM-Gr II					
(A) Flexible road-					
alg vide TMB P-04.					
alg 56.80 m ³ @ 3540.82/m ³ ⇒					201119.00
(B) Rigid road					
alg vide TMB P-05-					
alg 127.83 m ³ @ 3540.82/m ³ ⇒					452623.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(09) Constructing unreinforced plain concrete					
Parent M30.					
alg vide TMB P- (05)					
alg 272.68 m ³ @ 7350.87/m ³					2004435.00
(10) Prime coat-					
Providing and applying primer					
Coat with bitumen emulsion					
(SS1)					
alg vide TMB P (06)					
alg 756.83 ^{157.33} m ² @ 40.85/m ²					30937.00
(11) Tack coat-					
Providing and applying					
Tack coat with bitumen emulsion (RS1)					
alg vide TMB P- (06)					
alg 756.83 ^{157.33} m ² @ 13.96/m ²					10572.00
(12) Providing layer and rolling					
at closed gradient.					
Premix surfacing					
alg vide TMB P (06)					
alg 575.83 ^{157.33} m ² @ 203.92/m ²					154435.00
(13) R.C.C M15 grade concrete					
(i) KM stone-					
alg vide TMB P- (06)					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
alg 02 Nos @ 2297.87 each =					4596.00
(ii) 200mm stars -					
alg vide TMB P-07					
alg 2.00 Nos @ 594.76 each =					1190.00
(iv) Priming and fixing of retro reflective traffic sign board.					
(i) 600mm circular (speed limit)					
alg vide TMB P-07					
alg 2.00 Nos @ 4780.17 each =					9560.00
(ii) 900mm equilateral triangle -					
alg vide TMB P-07					
alg 02 Nos @ 5263.35 each =					10527.00
(ii) 600mm x 450mm rectangular -					
alg vide TMB P-07					
alg 02 Nos @ 4654.79 each =					9310.00
(B) Road marking with hot applied Thermo-Plastic compound					
(A) Flexible road -					
alg vide TMB P-07					
alg 40.00 m ² @ 721.95/m ² =					28878.00
(B) Rigid road -					
alg vide TMB P-07					
alg 90.00 m ² @ 721.95/m ² =					64975.00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(16) Planting of trees both side of road and maintaining for one year					
alg vide TMB P- (07)					
alg 20.00 Nos @ 842.62 each =					16852.00
(17) Providing and erecting direction and style Board.					
alg vide TMB P- 08.					
alg 01 No @ 3060.02 each =					3060.00
(18) Providing and fixing of typical masonry infrastructure					
Chimney and rooster					
Sign board					
alg vide TMB P- 08.					
alg 04 Nos @ 9576.80 each =					38307.00
(19) Construction of subgrade and earth shoulder with material obtained from borrow pits					
(A) Flexible road -					
alg vide TMB P- (08)					
alg 128.50 m ³ @ 191.76/m ³ =					24641.00
(B) Rigid road -					
alg vide TMB P- 08.					
alg 188.44 m ³ @ 191.76/m ³ =					36135.00

Continuation

(20) Providing and fixing M/S R.C.C boundary pillar stone

alg 20.00 Nos @ 522.72 each = 10454.00

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(B) cost of Brick work in parapet wall -					
(21) (i) Brick work masonry in cm					
(1:3)					
alg vide TMB P-09					
alg 3.12 m ³ @ 5650.55/m ³ =					17630.00
(22) (ii) Plastering with CM 1:4 -					
alg vide TMB - P-09 -					
alg 21.76 m ² @ 182.77/m ² =					3977.00
(23) (iii) Bricking P.C.C. M20.					
coping on parapet wall -					
alg vide TMB P-09					
alg 13.00 m @ 388.65/m =					5052.00
Total Amount (Rs)					3644573.00
(a) add @ 5% L-cum -					36446.00
(b) add @ 12% GST					437349.00
(c) Add SF					42000.00
G-Total Amount (Rs)					41,60,368.00
Less @ 3.70% below 10 per cent (-)					153934.00
Net Payable Amount (Rs)					40,06,434.00
Say Rs 40,06,434.00/-					
<i>[Signature]</i> 26/09/22 JG					
<i>[Signature]</i> 31-3-2023 Aii					
<i>[Signature]</i> 05/05/2023					

Continuation