

High School to Deuchanada Shiksha Oph High School
Schedule XLV-Form No. 134
Guest House, K H 104

~~High School to Deuchanada Shiksha Oph High School~~ Division

~~High School to Deuchanada Shiksha Oph High School~~ Sub-Division
Guests

MEASUREMENT BOOK

No 2881

High School to Deuchanada Shiksha Oph High School

Particulars	Details of actual measurement				Quantity in m³
	No.	L.	B.	H.	
Name of work: Construction of Road from High School to Dhandla Thana High School Guest house NH 104 in Sarai and Dhandla					
Name of Agency: Shri Mahanagar Nigam Pvt. Ltd. Sonawari Padaliya Tola.					
Maujchakra, Matukpur, Bhalera, Bhajpur					
Agreement No: MNGS/86/SB/2021-22					
Dt of Commencement: 30.12.2021.					
Dt of Completion: 29.12.2022.					

(1) Construction of GSB by providing well graded material, spreading in uniform layer.

$$1 \times 15 \times \frac{4.10 + 4.09}{2} \times 0.100 = 6.14 \text{ m}^3$$

$$1 \times 15 \times \frac{4.10 + 4.0}{2} \times 0.100 = 6.07 \text{ m}^3$$

$$1 \times 30 \times 4.05 \times 0.100 = 12.15 \text{ m}^3$$

$$1 \times 15 \times \frac{4.0 + 3.95}{2} \times 0.100 = 5.96 \text{ m}^3$$

$$1 \times 15 \times \frac{3.95 + 4.05}{2} \times 0.100 = 6.00 \text{ m}^3$$

$$1 \times 15 \times \frac{4.15 + 4.10}{2} \times 0.100 = 6.18 \text{ m}^3$$

$$2 \times 15 \times \frac{4.10 + 4.05 + 4.0}{3} \times 0.100 = 12.15 \text{ m}^3$$

$$2 \times 15 \times \frac{4.05 + 4.09}{2} \times 0.100 = 12.21 \text{ m}^3$$

Abstract of Cost

20

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1) Providing & fixing of working bench mark pillar Qty vide Page no (7) in TMB item (1).					
@ 4015.40/KM		1.3 KM		R ₃	5220 = 00
(2) Providing & fixing of reference pillar Qty vide Page no (7) in TMB item no (2)					
@ 1845.98/KM		1.3 KM		R ₃	2400 = 00
(3) Clearing & Grubbing of road land Qty vide Page no. (7) in TMB item no (3)					
@ 5970.33/Ha		0.91 Ha		R ₃	48,203 = 00
(4) Box cutting excavation for road reaps in soil with manual means Qty vide page no (2) in TMB item (4).					
@ 75.57/m ³		22.50 m ³		R ₃	1700 = 00
(5) Cost of embankment with material obtained from borrow pits (for 1000 m length) Qty vide page no. (7) in TMB item no (5)					
@ 190.57/m ³		745.54 m ³		R ₃	1,42,078 = 00
(6) Cost of embankment (for 100 m length) Qty vide Page no (8) in TMB item (6).					
@ 152.15/m ³		413.81 m ³		R ₃	62,961 = 00
(7) Cost of GSB by providing well graded material in box cutting portion Qty vide page no. (8) in TMB item (7)					
@ 2620.33/m ³		23.40 m ³		R ₃	61,544 = 00
				R ₃	3,33,333 = 00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			11 F	PA	3,23,878.00
(8) Const. of G.S.P. by providing well graded material in RT portion.					
Qty vide Page no. (12) in TMB item (8)					
@ 2620.37/m ³		257.13 m ³		PA	6,73,765.00
(9) Providing & laying spreader & compacting stone aggregate in WBN Cr III					
Qty vide Page no. (8) in TMB item (9)					
@ 3189.34/m ³		100.85 m ³		PA	3,21,645.00
(10/8) Providing laying & spreading & compacting stone aggregate of WBN Cr III					
Qty vide Page no. (13) in TMB item no. (10)					
@ 3189.34/m ³		134.43 m ³		PA	4,28,743.00
(11/15) Const. of un-reinforced plain cement concrete pavement					
Qty vide Page no. (8) in TMB item no. (11)					
@ 7364.29/m ³		484.80 m ³		PA	35,70,208.00
(12/6) Const. of Subgrade & earthen shoulder with approved material					
Qty vide Page no. (8) in TMB item no. (12)					
@ 191.76/m ³ & 191.76/m ³ Page no. (14) in TMB item					
Qty = 335.00 m ³ + 364.50 m ³					
@ 191.76/m ³		= 699.50 m ³		PA	1,34,136.00
(13/13) Const. of G.S.P. in earthen portion by providing well graded material					
Qty vide Page no. (14) in TMB item no. (13)					
@ 2620.33/m ³		210.90 m ³		PA	5,52,628.00
PA 60,05,003.00					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
			411	PA	50,5,703.00
(14) 10 Bending & applying of prime coat (SS-1) with bituminous emulsion Qty vide page no. (5) in TMB item no. (14) @ 40.73/m ²		1792.49 m ²		PA	73,006.00
(15) 11 Bending & applying of tack coat Qty vide page no. (6) in TMB item no. (15) @ 13.93/m ²		1792.49 m ²		PA	24,969.00
(16) 12 Bending, laying & rolling of close graded gravel & surfacing material of 20mm thickness Qty vide page no. (6) in TMB item no. (16) @ 197.12/m ²		1792.49 m ²		PA	3,53,336.00
(17) 13 Cont. of burnt pipe culvert 1000mm φ. & 10 in excavation for foundation of structure upto 3.0m depth Qty vide page no. (6) in TMB item no. (17) @ 279.09/m ³		59.58 m ³		PA	16,628.00
(18) 14 Providing M-15 PCC (1:2:5) as leveling course of foundation Qty vide page no. (12) in TMB item no. (18) @ 5994.51/m ³		5.92 m ³		PA	35,487.00
(19) 15 Providing concrete for plain cement concrete in open foundation Qty vide page no. (17) in TMB item no. (19) @ 6576.70/m ³		61.22 m ³		PA	4,02,626.00
				PA	69,11,857.00

20
21) Providing & laying of RCC NP-2
for culvert in soft clay bedding.
Qty vide Page no. (19) in MMB item no. (20)
@ 3670.42/m 15.00 M RA 55,056.00

21
22) Painting of two coats on new
concrete surface painting two coats
including primer coat
Qty vide Page no. (19) in MMB item no. (21)
@ 90.55/m² 232.46 m² RA 21,049.00

22
23) Const. of precast support wall brick
masonry in C.N (1:3) in brick
Qty vide Page no. (13) in MMB item no. (22)
@ 5850.76/m³ 3.12 m³ RA 17,630.00

23
24) Finishing RCC N-20 architectural
copy in the top of the wing & down wall
Qty vide Page no. (8) in MMB item no. (23)
@ 388.80/m 13.80 M RA 5054.00

24
25) Finishing with cement mortar (1:4)
on brick work to sub-structure.
@ 182.76/m² 21.76 m² RA 3977.00

25
26) Providing & laying of wet applied
terrazzo plastic compound at both edge (2)
Qty vide Page no. (8) in MMB item no. (24)
@ 721.95/m² 100.00 m² RA 72,195.00

26
27) Edge marking on C.C. Portion
Qty vide Page no. (7) in MMB item no. (25)
@ 721.95/m² 160.00 m² RA 1,15,512.00
RA 72,01,530.00

Continuation

Particulars	Details of actual measurement			Contents of area
	No.	L	B	
			0/p	PA
				10,012.30:00
(27) 16 Reinforced concrete channel M-15				
Grade 1/4" stone				
Qty vide page no. (15) in TMB item no. (9)				
@ 2297.87/mo.	02 nos.		PA	4576:00
(28) 17 Rcc grade 200 W stone				
Qty vide page no. (15) in TMB item no. (9)				
@ 594.76/mo.	6 nos.		PA	3569:00
(29) 18 Providing & fixing of Rcc M-15				
Grade boundary Pillar				
Qty vide page no. (15) in TMB item no. (9)				
@ 519.12/mo.	60 nos.		PA	31,147:00
(30) 19 Providing & fixing of reinforced concrete				
containing round 600mm circle				
Qty vide page no. (18) in TMB item no. (20)				
@ 4758.65/mo.	02 nos.		PA	9517:00
(31) 20 Providing & fixing of 900mm				
equilateral & triangle				
Qty vide page no. (18) in TMB item no. (20)				
@ 5241.83/mos.	02 nos.		PA	10,484:00
(32) 21 f/v & fixing of 600mm x 450mm				
rectangular				
Qty vide page no. (18) in TMB item no. (20)				
@ 4633.27/mos.	02 nos.		PA	9267:00
			PA	42,70,110:00

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BH P/s	72,70,110=00
(33) 26	Providing & erecting direction and				
	Place identification sign board				
	Qty vide Page no. (18) in TMB in (33)				
	@ 3036.11/no.	01 no.		Px	3036.00.
(34) 27	Providing & fixing of typical				
	HMSY informatory sign board.				
	Qty vide Page no. (18) in TMB in (31)				
	@ 9576.80/no.	05 nos.		Px	47,884.00
				Px	73,21,030=00
				Add GST 12% (+) Px	8,78,524=00
				Add L.C 1% (+) Px	73,2102.00
				Add S. Fee (+) Px	74,531=00

				Px	83,47,295=00
					83,03,175=00
				Less 1.66% below (+) Px	1,38,565=00
					1,37,833=00
				as per agreement Px	82,08,730=00
					81,65,342=00
				Less previous Payment Px	47,99,472=00
				vide Page no. (10) Px	34,09,258=00
					33,65,870=00

AN
 19/06/23
 JC
 23-8-2023
 P.C.
 C.R.
 24.11.23