

Name of work :- Constn of Road from Kannanpura Pith
Schedule XLV-Form No. 134
Road to Uaddi tola.

Agency :- M/s Rai Constn.

R.O.D. Uobalganj - 2 **DIVISION**

Manjha. **SUB-DIVISION**

M.B.No 956

MEASUREMENT BOOK

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D:	
<u>Abstract of cost</u>					
(1) constn of rubbering & water benchmark as per - S.D. - do					
Qty vide TMBP-8 Item No (1)					
= 1.54 km @ Rs. 5628.60/km					
				= 8668/-	
(2) constn of rubbering fillers buried as per T.D. - do					
Qty vide TMBP-8 Item (2)					
= 1.54 km @ Rs. 3211.10/km					
				= 4985/-	
(3) Clearing & grubbing road land including up to - do					
Qty vide TMBP-8 Item No (3)					
= 0.46 Hec. @ Rs. 53879.82/Hec					
				= 24785/-	
(4) constn of embankment with approved material - do					
Qty vide TMBP-21 Item (6)					
= 734.06 m ³ @ Rs. 190.14/m ³					
				= 139574/-	
(5) constn of subgrade & earthen shoulders with approved					
Qty vide TMBP-12 Item No (2)					
= 808.56 m ³ @ Rs. 19182/m ³					
				= 155097/-	

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
⑥/c Constn of embankment with approved material from local borrow - do.					
Qty vide TMBP-21 Item No ⑥					
= 1712.80 m ³ @ Rs. 153.90/m ³					
					= 263598/-
⑦/H Excavation of road width in soil using manual means for carrying - do.					
Qty vide TMBP-9 Item No ⑥					
= 154.24 m ³ @ Rs. 75.61/m ³					
					= 11715/-
⑧/g Constn of granular sub-base by providing well graded material as per M.S.B.M.-I					
Qty vide TMBP-9 Item No ⑦					
= 139.94 m ³ @ Rs. 3474.70/m ³					
					= 486254/-
⑨/10 P/L and compacting stone Aggregates of specific size to water bound macadam bit - do					
Qty vide TMBP-9 Item No ⑧					
					= 149.51 m ³
Qty vide TMBP-14 Item No ①					
					= 125.66 m ³
Total = 149.51 + 125.66 = 275.17 m ³					
1 unit = 275.17 m ³					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
$= 275.14 \text{ m}^3 @ Rs. 4260.69/\text{m}^3$					$= 1172286/-$
(10/14) Construct Unreinforced Cement concrete as per Tk M-25 - do -					
Qty vide TMBP-9 Item No. ③					
$= 514.80 \text{ m}^3$					
Qty vide TMBP-15 Item No. ②					
$= 412.04 \text{ m}^3$					
Total $= 514.80 + 412.04 \text{ m}^3$					
$= 926.84 \text{ m}^3$					
Limit $= 925.96 \text{ m}^3$					
$= 925.96 \text{ m}^3 @ Rs. 7666.32/\text{m}^3$					$= 7098706/-$
(11/16) Reinforced cement concrete M-15 grade kilometre - do					
Qty vide TMBP-16 Item No. ③					
$= 2 \text{ Nos} @ Rs. 2599.69/\text{Nos}$					$= 5199/-$
(12/17) Reinforced cement concrete M-15 grade kilometre 200m post					
Qty vide TMBP-16 Item No. ④					
$= 6 \text{ Nos} @ Rs. 868.57/\text{Nos}$					$= 4011/-$

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(13/18) Reinforced cement concrete m-15 grade boundary pillars Local Stone - do - Qty vide T.M.P. - 16.81 cum (13) = 30.00% @ Rs. 547.24/m ³ = 16413/-					
(14/19) Painting two coats including primer coat - do Qty vide T.M.P. - 18.91 cum (14) = 44.64 m ² @ Rs. 102.26/m ² = 4564/-					
(15/20) Prov. & applying 2 coats of water based emulsion paint - do Qty vide T.M.P. - 18.91 cum (15) = 30.00 m ² @ Rs. 729.20/m ² = 223864/-					
(16/22) Printing New letter and figures of any & had with do Qty vide T.M.P. - 16.81 cum (16) = 88 cu/ht @ Rs. 0.54/cu/ht = 47/-					
(17/23) Prov. & fixing of typical masonry Sintermasonry Sgn - do Qty vide T.M.P. - 2.21 cum (17)					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
= 2 Nos @ Rs. 13151.74/No					
				2	26303/-
					= 26303/-
(18/24) Prov. & fixing of typical Maintenance Board as per					
Tls Maintenance Board do					
Qty vide TMBP-169 Item No (6)					
= 2 Nos @ Rs. 13151.74/No					
				2	26303/-
(19/25) Prov. & fixing of retro reflector					
800 mm equilateral Triangle do					
Qty vide TMBP-89 Item No (8)					
= 12 Nos @ Rs. 3566.20/No					
					= 42794/-
(20/26) Prov. & fixing of retro reflector					
cautionary mandatory & Submitt					
Sign do - 800 mm circular					
Qty vide TMBP-129 Item No (9)					
= 8 Nos @ Rs. 4815.84/No					
					= 38526/-
(21/27) 600 mm x 450 mm rectangle					
Placard Board do					
Qty vide TMBP-179 Item No (10)					
= 2 Nos @ Rs. 4115.02/No					
					= 8232/-

प्राणित किया जाता है कि इस

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(22/23) P/F concrete structure 800mm side of column-do Qty vide TMBP-18 Station No. (11) = 2 Nos @ Rs. 7878.89/m ² = 15758/-					
(23/24) Earth work in excavated ber bound of structure-do Qty vide TMBP-10 Station No. (11) = 3762 m ³ @ Rs. 283.94/m ³ = 10681/-					
(24/25) Sand filling in bound trenches as per drawing-do Qty vide TMBP-10 Station No. (12) = 2.86 m ³ @ Rs. 444.32/m ³ = 1271/-					
(25/26) Brick flat rolling in bound as per T/S-do Qty vide TMBP-10 Station No. (13) = 28.64 m ² @ Rs. 295.14/m ² = 8453/-					
(26/27) Brk. Pcc. Urud. M-15 ber plain Reinforced-do Qty vide TMBP-10 Station No. (14) = 6.12 m ² @ Rs. 6401.56/m ² = 39488/-					
(27/28) 100g brick rolling layer in do Qty vide TMBP-18 Station No. (16) = 1147.50 m ² @ Rs. 475.10/m ² = 543761/-					

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(27/35) Bricks masonry work in cement mortar (1:4) Head course complete do- Qty vide TMBP-II Item No. (13) $= 26.51 \text{ m}^3 @ Rs. 5715.29/\text{m}^3$ $= 151512/-$					
(28/36) Prov. & laying 100mm dia RCC Pipe N.P-3 - do- Qty vide TMBP-II Item No. $= 2.50 \text{ RM} @ Rs. 3899.52/\text{RM}$ $= 9724/-$					
					549769/-
(29/37) Plastering with cement mortar (1:4) on bricks work in sub-do- Qty vide TMBP-II Item No. (17) $= 36.40 \text{ m}^2 @ Rs. 185.93/\text{m}^2$ $= 6768/-$					
(30/38) Prov. 15mm paving Includes curing corrigo do- Qty vide TMBP-II Item No. (18) $= 13.26 \text{ m}^2 @ Rs. 60.79/\text{m}^2 = 806/-$					
Total					10020733/ 10520500/-
#1 Add 12% WWS					1202488/-
#2					1268480/-

Continuation

समाप्ति किया जाता है कि इस

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
H) Add labour cost 14.2					105905/-
					100207/-
					Total = 4928428/-
F) loss 0.05% below					11944685/-
					5562/-
					5562
					Total = 4377766/-
G) prov. paid Bill =					11938693
					6463308/-
					Total = 4854458/-
					= 5475385/-

18/11/22
 JE, Mansa
 18/11/22
 JE, Mansa
 14/11/22
 A.E.
 18/07/22

Updated Material Statement

① Reinforcement = 2527.42 m²

②

18/11/22
 JE
 18/11/22
 A.E.

Continuation