

Agency - Roy over to

NO-2415B

# MEASUREMENT BOOK

SUB-DIVISION

Division 25121فاتحه 25121 جعفر 25121 داود

SCU

Schedule XLV-Form No. 134

N/H - TATMA TOLA MORE TO RADAW TOLA

2<sup>nd</sup> on A/c Bill

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
N/o:-	Constn. of Road & CD works with maintenance for Tala tala more to yadav tala under pansi.				
N/Agency:-	Rajeev Kumar Nuni Kalgan, Ramnagar Raywhat Mazaffarpur				
Agreement no:-	06 280/2021-22				
Date of Start:-	4-05-21				
Date of Completion:-	3-05-22				
<u>Work Done</u>					
(1/1,2) P/B & Fixing of working benchmark pillar etc.					
	Q/H = 0.160km				
(a) Working benchmark					
	Q/H = 0.16km				
(b) Reference pillar					
	Q/H = 0.16km				
(2/3) clearing & grubbing road land etc.					
	$2 \times 160\text{m} \times 3.5\text{m} = 1120\text{m}^2$				

Continuation

## ABSTRACT OF COST

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3/2,2) P/V 2 Fixing of working benchmark					
(a) Working benchmark					
0.5 Km @ ₹ 14 (Prev) wide TMB P-8					
0.16 Km @ ₹ 14 wide TMB P-14					
0.66 Km @ ₹ 4015 = ₹ / Km — ₹ 2650 = ₹ 00					
(b) Reference Pillar :-					
0.5 Km @ ₹ 14 (Prev) wide TMB P-8					
0.16 Km @ ₹ 14 wide TMB P-14					
0.66 Km @ ₹ 1845 = ₹ / Km — ₹ 12.18 = ₹ 00					
(3/3) clearing & grubbing road Land etc					
0.35 Ha @ ₹ 14 (Prev) wide TMB P-1					
0.11 Ha @ ₹ 14 wide TMB P-15					
0.46 Ha @ ₹ 52970 = ₹ / Ha — ₹ 24366 = ₹ 00					
(3/4) Excavation for road - way in soil using manual means etc.					
0.6 Ha wide TMB P-16					
Q/H = 14.7 m <sup>3</sup>					
@ ₹ 75.57 / m <sup>3</sup> — ₹ 1110 = ₹ 00					
(4/5,6) Constn. of embankment with material obtained					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					from borropit etc etc.
(a) 1000m Lead					
	QTY vide TMB P-15				
	$QTY = 196 \cdot 51 m^3$				
	@ £ 152 = 15/m <sup>3</sup>				£ 29298=
(5/7) Constr. of Subgrade 2					
	earthen shoulder width approved etc.				
	QTY vide TMB P-15				
	$QTY = 810 m^3$				
	@ £ 101 = 76/m <sup>3</sup>				£ 155325=
(6/8+13) Constr. of manger					
	Sub-base by providing well graded material etc.				
	QTY vide TMB P-16				
	$QTY = 399 \cdot 39 m^3$				
	@ £ 2749 = 61/m <sup>3</sup>				£ 1098166=
(7/9+14) P/v, laying, spreading 2 compacting of 48m <sup>3</sup>					
	etc				
	QTY vide TMB P - 16, 17, 18				

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					$\varphi h = 187.03 \text{ m}^3$
					$@ 233 \text{ M.S.} = 55/\text{m}^3 \rightarrow \text{₹ } 62872 =$
(8/10) Prime Coat :- 1/v 2					
applying primer coat with bitumen emulsion etc					
					$\varphi h \text{ vide TMB P-19}$
					$\varphi h = 1749.6 \text{ m}^2$
					$@ 243 = 0.3/\text{m}^3 \rightarrow \text{₹ } 75285 =$
(9/11) Tack Coat :- 1/v 2					
applying tack coat					
					with bitumen emulsion
					etc
					$\varphi h \text{ vide TMB P-19}$
					$\varphi h = 1749.6 \text{ m}^2$
					$@ 14 = 73/\text{m}^2 \rightarrow ₹ 25771 =$
(10/12) MSS :- 1/v, 1/v 2					
rolling of close graded pozzinc surface etc					
					$\varphi h \text{ vide TMB P-19}$
					$\varphi h = 1749.6 \text{ m}^2$
					$@ 213 = 39/\text{m}^2 \rightarrow ₹ 373347 =$
(11/15) Constr. of un-reinforced	Continuation				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Plain Cement Concrete Pavement etc.					
Qty wide TMB P-20					
Qty = 12.11 m <sup>2</sup>					
@ ₹ 72.56 = ₹ 864.036					
(12/16/17) 1cm Stone & Reinforced Cement Concrete M-15 grade 1cm Local Stone etc					
(a) 1cm Stone:-					
Qty wide TMB P-20					
Qty = 2 NO.					
@ ₹ 22.97 = ₹ 7 / NO. → ₹ 45.96 = ₹ 00					
(b) 200m Stone:-					
Qty wide TMB P-20					
Qty = 3 NO.					
@ ₹ 5.94 = ₹ 6 / NO. → ₹ 17.84 = ₹ 00					
(13/18) Boundary Pillar:-					
Reinforced cement Concrete M-15 grade boundary Pillar etc					
Qty wide TMB P-21					
Qty = 20 NO.					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
@ £ 522 = 33/No. —					£ 10459.20
(14/13,20,2)	Traffic Sign - Pl. v 2 Fixing of retro- reflective Cautionary, Mandatory & Informatory Sign board etc etc vide Tms P-2				
(i) 600 mm circular					
	Φ <sub>H</sub> vide Tms P-21				
	Φ <sub>H</sub> = 2 No.				
@ £ 4764 = 54/No. —					£ 9529.20
(ii) 900 mm equilateral & triangle etc					
	Φ <sub>H</sub> vide Tms P-21				
	Φ <sub>H</sub> = 2 No.				
@ £ 5147 = 72/No. —					£ 10495.20
(iii) 600 x 450 mm rectangular					
	Φ <sub>H</sub> vide Tms P-21				
	Φ <sub>H</sub> = 1 No.				
@ £ 4639 = 17/No. —					£ 9278.20
(15/22,23)	Pl. v 2 laying of				

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
hot applied thermoplastic compound 2.5 mm thick etc.					
ΦM wide TRB P-22					
ΦM = 132 m <sup>2</sup>					
₹ 2721 = 95/m <sup>2</sup> → ₹ 35297.20					
(16/24) floating of tree by the roadside etc.					
ΦM wide TRB P-22					
ΦM = 44 m <sup>2</sup>					
₹ 2842 = 62/N.O. → ₹ 37955.200					
(17/26) P/L & erecting direct 2 place Indenti fixator etc.					
ΦM wide TRB P-22					
ΦM = 1 m <sup>2</sup>					
₹ 3042 = 66/N.O. → ₹ 3043.20					
(17/27) P/L 2 fixing of typical money Information Sign board etc.					
2 N.O. ΦM (P/L) wide TRB P-12					
3 N.O. ΦM wide TRB P-22					
5 N.O. @ ₹ 953 = ₹/N.O. → ₹ 47884					
Continuation					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(18/31) earth work in excavation etc					
ΦM (Prev) wide TRB P-g					
ΦM = 136.42 m <sup>3</sup>					
@ ₹ 279 = ₹ 38073 =					
(19/32) Sand filling in foundation etc					
ΦM (Prev) wide TRB P-g					
ΦM = 3.93 m <sup>3</sup>					
@ ₹ 493 = ₹ 1941 = 00					
(20/33) 1/v PCC n-10					
Concrete in open founders etc					
ΦM (Prev) wide TRB P-g					
ΦM = 20.07 m <sup>3</sup>					
@ ₹ 6040 = ₹ 121230 =					
(21/34) 1/v & masonry work in cement mortar etc					
ΦM (Prev) wide TRB P-10					
ΦM = 08.81 m <sup>3</sup>					
@ ₹ 5755 = ₹ 514690 =					
(22/35) 1/v Brick masonry					

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(23/35) Work in cement mortar etc.					
ΦM (Prev) wide TMB P-10					
ΦM = 54.81 m <sup>3</sup>					
@ ₹ 6031 = ₹ 330589/-					
(23/36) P/v Pcc in sub-structure etc					
ΦM wide TMB 1 - 10					
ΦM = 4.09 m <sup>3</sup>					
@ ₹ 6811 = ₹ 27858/-					
(24/33) Supplying, Filtering & placing Hyd. bar etc.					
ΦM (Prev) wide TMB P-10					
ΦM = 2.313 m <sup>3</sup>					
@ ₹ 51898 = ₹ 120042/-					
(25/38) P/v 2 laying reinforcement cement concrete in sub-structure etc.					
ΦM (Prev) wide TMB P-11					
ΦM = 18.82 m <sup>3</sup>					
@ ₹ 7173 = ₹ 146303/-					
(26/41) P/v Brick masonry					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
work in cement mortar in parapet etc					
QH (Preo) wide TMB P-11					
QH = 5.52 m <sup>3</sup>					
QH = 5650 = Q/m <sup>3</sup> — — —					
(22/44) Q/m width 1000 m					
Abutment etc					
QH width TMB P-11					
QH = 24 N.B.					
Q H = 624 N.B.					
sub Total = 4864826 =					
Add 1% V. cess — = 4864820					
Add 12% H.S.T — = 58377020					
Add S. Fee — = 4948420					
Total = 5546737 =					
(i) less below 5% as per = 27733620 agreement					
(ii) Less previous payment = 1476310 = 00					
Net = 375309120					
Chqd To S. R. 2,500/-					
SC					
Chqd To S. R. 2,500/-					
SC					
Continuation					