

SH 315 (AIR)
(10 to 3225.00)

Measurement Book

Schedule XLY-Form No. 134

EXECUTIVE ENGINEER
POLIGANJ

DIVISION

DUKHINBARAR

SUB-DIVISION

W.B-633

led that this M.B. Contains
100 (One hundred) Nos of Machine
Pump Issued to KAUSHLENDRA KUMAR
PANDAY
Sub-Division DUKHINBAZAR.

M
28/01
Executive Engineer
Rural Works Deptt.
Work Division Paliganj
25/1/24

Sch, XLV-Form No. 134

EXECUTIVE ENGINEER
PALIGANJ, DIVISION

DUKHINBAZAR SUB-DIVISION

Measurement Book

No. 633

Name of Officer _____

Date of first entry _____

Date of last entry _____

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd on MC Bill					
<u>ABSTRACT OF COST</u>					
(1) Const. of benchmark pillar -					
Qty side T.M.B P-(8) 0.4900 m ³					
					@ Rs 11929.48/cm → Rs 5845=-
(2/2) cleaning & Grubbing -					
Qty side T.M.B P-(6) 0.1711 m ³					
					@ Rs 51161.75/4m → Rs 8697=-
(3/4) Const. of embankment 1000 M bed					
Qty side T.M.B P-(8) 228.60 m ³					
					@ Rs 176.86/m ³ → Rs 40430=-
(4/5) Const. of embankment 100 M bed -					
Qty side T.M.B P-(8) 533.42 m ³					
					@ Rs 139.79/m ³ → Rs 74566=-
(5/7) Const. of G.S.B. Cr 2 -					
Qty side T.M.B P-(8) 357.75 m ³					
					@ Rs 2685.20/m ³ → Rs 960630=-
(6/8) P.V. laying, spreading with Gr 1/2					
Qty side T.M.B P-(9) 118.95 m ³					
					@ Rs 3369.04/m ³ → Rs 4,00747=-
(7/16) P.V. & fixing typical 244527 board -					
Qty side T.M.B P-(9) 0.20 m ³					
					@ Rs 9153.61/each → Rs 18307=-
(8/14) E/W in excavation -					
Qty side T.M.B P-(12) 77.228 m ³					
					@ Rs 294.73/m ³ → Rs 22761=-
(9/25) P.V. & M 15 in foundation -					
Qty side T.M.B P-(13) 13.003 m ³					
					@ Rs 4826.27/m ³ → Rs 62756=-

Continuation

Total 15,94,739=-

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>3rd ON A/C Bill</u>					
Name of work - Construction of road from SH to lake Badgama (10 Hatak Tak)					
Package - MMHSY NDB BRRP 189 Paliganj					
Name of Contractor - Shrey Construction					
Prop - Nripendra Kumar, Add. + Vill +					
PO - Amhara, P.S. - Bihra Pin - 801118					
Agreement No - 03 SBD/MMHSY/NDB/2020-21					
Date of Commencement - 24-09-2020					
Date of completion - 23-09-2021					
<u>Work done</u>					

(1) Earthwork in excavation for structures as per drawing and technical specification -					
for 600mm					
H.P. - $2 \times 405 \times 4.15 \times 1.40 \times 1.47 = 17.08 \text{ m}^3$					
Bedding - $1 \times 405 \times 5.78 \times 1.07 \times 0.25 = 1.546$					
for 1000mm					
H.P. - $2 \times 2405 \times 6.45 \times 1.40 \times 1.50 = 54.18$					
Bedding - $2 \times 1405 \times 5.78 \times 1.53 \times 0.25 = 4.422$					
Qty = 77.228 m ³					

(2) Providing concrete for plain/					
Reinforced concrete in foundation					
for 600mm					
H.P. Culvert - open foundation - $2 \times 405 \times 3.85 \times 1.40 \times 0.150 = 1.617 \text{ m}^3$					
Bedding - $1 \times 405 \times 5.78 \times 1.07 \times 0.25 = 1.546$					
Continuation					
Qty = 3.163 m ³					

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for 1000mm ϕ H.P.					$90 \cdot 02 = 3.123 \text{ m}^3$
open Foundation - $2 \times 2 \text{ Nos} \times 6.45 \text{ m} \times 1.40 \times 0.150$					$= 5.418$
bedding - $2 \times 2 \text{ Nos} \times 5.78 \text{ m} \times 1.53 \times 0.25$					$= 4.422$
					$\text{Total Qty} = 13.003 \text{ m}^3$
③ Providing & Laying RCC MP3 600mm ϕ H.P.	du	—	—	—	
		$3 \text{ Nos} \times 2.50 \text{ m}$			$= 7.50 \text{ m}$
④ Providing & Laying RCC MP3 1800mm ϕ H.P.	du	—	—	—	
		$2 \times 3 \text{ Nos} \times 2.50 \text{ m}$			$= 15.00 \text{ m}$
⑤ Providing Concrete for Plain / Reinforced Concrete in Substructure					
RCC MP3	du	—	—	—	

for 600mm ϕ H.P.					
H/wall - $2 \text{ Nos} \times 3.85 \text{ m} \times \frac{(1.25 + 0.40)}{2} \times 2.005$					$= 12.737 \text{ m}^3$
Parapet - $2 \text{ Nos} \times 3.85 \text{ m} \times 0.60 \times 0.60$					$= 1.848$
Less for pipe - $2 \text{ Nos} \times \frac{3.14}{4} \times (0.77)^2 \times 0.610$					$= 0.569$
for 1000mm ϕ H/w - $2 \times 2 \text{ Nos} \times 6.20 \text{ m} \times \frac{(1.25 + 0.40)}{2} \times 2.465$					$= 50.434$
Parapet - $2 \times 2 \text{ Nos} \times 6.20 \text{ m} \times 0.40 \times 0.60$					$= 5.952$
Less for pipe - $2 \times 2 \text{ Nos} \times \frac{3.14}{4} \times (1.23)^2 \times 0.610$					$= 2.898$
					$\text{Total Qty} = 67.504 \text{ m}^3$
					$17/01/2022$
					PE

Consumption of Material				
(1) 40mm egg -	$30.54 \text{ m}^3 @ 150.80/\text{m}^3$	441.08		13471
(2) 20mm egg -	$27.42 \text{ m}^3 @ 144.88/\text{m}^3$	550.85		15104
(3) 10mm egg -	$13.19 \text{ m}^3 @ 614.17/\text{m}^3$			8101
(4) Sand -	$36.62 \text{ m}^3 @ 150.80/\text{m}^3$			5522
				$\text{Total Rs } 42198$

Continuation

Seigniorage Fee 167.

of Material cost

→ 4220 = w

 $17/01/2022$
 PE

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3rd cont MC Bill					
ABSTRACT OF COST					
(1) Const. of benchmark pillar					
Qty of T.M.B.P. - (8) 0.4900 m ³					
		Q.B. 11929.48/1000			→ 5845 = w
(2/2) Cleaning & Grubbing					
Qty of T.M.B.P. - (8) 0.1711 m ³					
		Q.B. 1161.75/1000			→ 8697 = w
(3/4) Const. of embankment 1000 M bed					
Qty of T.M.B.P. - (8) 228.60 m ³					
		Q.B. 176.86/m ³			→ 40430 = w
(4/5) Const. of embankment 1000 M bed -					
Qty of T.M.B.P. - (8) 533.42 m ³					
		Q.B. 139.79/m ³			→ 74566 = w
(5/7) Const. of G.S.B. Crd					
Qty of T.M.B.P. - (8) 357.75 m ³					
		Q.B. 2685.20/m ³			→ 960630 = w
(6/8) P.V. laying, spreading with Grd					
Qty of T.M.B.P. - (9) 118.95 m ³					
		Q.B. 3369.04/m ³			→ 4,00,747 = w
(7/16) P.V. & biriy typical M.M.S. bed					
Qty of T.M.B.P. - (9) 0.2100					
		Q.B. 9153.61/each			→ 18307 = w
(8/14) E/W in excavation					
Qty of T.M.B.P. - (12) 77.228 m ³					
		Q.B. 294.73/m ³			→ 22761 = w
(9/25) P.V. pcc M15 in foundation					
Qty of T.M.B.P. - (13) 13.003 m ³					
		Q.B. 4826.27/m ³			→ 62756 = w

Continuation

C.B. 15,94,739 = w

Continuation