

Barochhathi Mohanpur Road Freeman Sant
Nirman Kant Gate to Krishna Prasad Sah
house in Rajmura village.

Schedule XIV-Form No.-134

M.M.G.N. & P. (A.W. 208M) H.D.B.
DIVISION

Sardar K. Yadav SUB-DIVISION

MEASUREMENT BOOK

1508

(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.	
Station A/C Road					
Name of work: - Construction					
of Road - Barachhatti					
Mukampur Road					
from Sant Nirankari					
gate to Krishna					
Prasad house in					
Raundara village.					
under HDB. MHSY.					
Name of Contractor:-					
Satyendra Kumar					
Yadav Shastri Nagar					
Road No-04, Po-Rampur G.S.					
Agreement No.-25 SPD/2021-25					
date of work start:-					
Date of Completion:-					
Measurement					
(1/1) Providing & fixing					
of working bandrak					
Barachhatti Palkas - = 1.4 k					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(24) Providing & fixing of working benchwork					
Reference pillars		10	3		3.0 m ²
(32) clearing and grubbing & soil level including uprooting					
2x 10x20x0.75 = 450 m ³					
2x 1x4x0.75 = 6.0 m ³					
2x 14x20x0.75 = 420 m ³					
2x 10x6x0.75 = 90 m ³					
					966 m ³
		1.6	960		0.090 m ²
			10.770		
(40) H.P. Culvert					
Ground level = 3 m					
(4) Earthwork excavation for structures super structure and technical specification					
3x 2x3.9x1.15x1.5 = 40.26 m ³					
3x 1x5.25x1.3x0.315 = 6.62 m ³					
					46.88 m ³
(5) Providing M.S.					
(R.C. - 1:2.5:5) concrete					
levelling course					
providing pillars					
(1:2.5:5) concrete					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
for plain concrete					
in open foundation					
	3x2x	2.90	1.15	0.150	$= 4.63611^3$
	3x1x	5.31	0.13	0.20	$= 4.5011^3$
for pipe	2.50	0.78	0.30	0.25	$= 2.3711^3$
					6.16611^3
(6) Providing concrete					
for plain / reinforced					
concrete in open foundation					
	3x0x	3.60	0.70	0.50	$= 42.0211^3$
less for	3x0x	0.78	0.30	0.25	$= 1.7211^3$
pipe					40.3111^3
(7) Providing and laying					
reinforced concrete					
concrete pipe & pipe					
Culverts					
	3x3x	2.50			$= 22.5011^3$
(8) Earthwork calculation					
5.16 change Area					
Mean Area					
Distance					
Volume					
01	0	1.34			
02	50	1.32	1.33	50	66.50
03	110	1.28	1.30	50	65.00
04	150	1.34	1.31	50	65.50
05	200	1.22	1.28	50	64.00

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(1)					
Abstract of work					
(All Qty. w/d H.B.)					
Providing & fixing					
of working bench					
mark					
Qty. w/d H.B. Page (1)					
Item No. (1) = 1.2 m ²					
@ Rs 4217.73 each Rs					4218 =
(2)					
Providing & fixing					
of working bench mark					
Qty. w/d H.B. Page (2)					
Item No. (2) = 3 m ²					
@ Rs 1939.31 each					
					Rs 5820 =
(3/3)					
Clearing & grubbing					
road land including					
uprooting wild					
vegetation - -					
Qty. w/d H.B. Page (2)					
Item No. (3) = 0.096 Ha					
@ Rs 75594.25/Ha Rs					7257 =
(4/27)					
Excavation in					
excavation for structure					
as per drawing					
Qty. w/d H.B. Page (2)					
Item No. (4) = 46.39 m ²					
@ Rs 398.60/m ²					Rs 18493 =

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/28) Providing PCC for (PCC 1:2:5) as level top Concrete information Providing PCC for (1:2:5) concrete for plan concrete in top Qty wide TB for (3) Item No. (5) = 6.16 m ³ @ Rs 5526.11/m ³ Rs 34073=					
(6/29) Providing concrete for pump/reinforced concrete information complete as per Qty wide TB for (3) Item No. (6) = 40.44 m ³ @ Rs 5937.23/m ³ Rs 237356=					
(7/30) Providing and laying reinforced cement concrete pipe N.B. for Qty wide TB for (3) Item No. (7) = 22.50 m @ Rs 3241.71/m Rs 72938=					
(8/4) Excavation for for road heavy in soil					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
with hydraulic excavator of 0.9 cum					
Qty side THB Agn.					
Item No. (9) = 17.14 m					
@ Rs 185.83/m ³				Rs 21772.2	
(9/5) Construction of embankment with material obtained from borrow pits (1000 m ³)					
Qty side THB Agn. (5)					
Item No. (10) = 50.21 m ³					
@ Rs 258.63/m ³				Rs 12986.2	
(10/1) Construction of embankment with material obtained from borrow pits (1000 m ³)					
Qty side THB Agn. (5)					
Item No. (11) = 401.17 m ³					
@ Rs 258.63/m ³				Rs 103755.2	
(11/8) Construction of subgrade and earthen shoulder with approved					

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
10. at road width -					
(1000 m lead)					
Qty of H.B. Page 7.5					
Item No. (12) =				183.51 m ³	
Qty of H.B. Page 7.5				47.73 m ³	
				238.30 m ³	
@ Rs 313 . width 3 Rs				74588 =	
(12/8) Construction of Sub-					
grade and easement					
standard					
(100 m lead)					
Qty of H.B. Page 7.5					
Item No. (12) =				439.36 m ³	
Page 7.5 =				116.18 m ³	
Item No. (5)				556.04 m ³	
@ Rs 226.04 / m ³				Rs 125687 =	
(13/9) Construction of granular					
subbase by providing					
course graded - -					
Qty of H.B. Page 7.5					
Item No. (3) =				246.24 m ³	
@ Rs 1923.31 / m ³				Rs 473595 =	
(14/10) Item Grading 3					
providing layers					
spreading sand					

Continuation

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Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Compacting Stone aggregate					
Qty under 1st layer (16)					
Item No. (14) = 85.50 m ³					
@ Rs 33/1.68/m ³					Rs 283149 =
(15/14) Plain Concrete for pavement construction					
Plain Concrete for pavement					
Qty under 1st layer (18)					
Item No. (15) = 127.37 m ³					
@ Rs 748.21/m ³					Rs 951239 =
(16/26) Paving of footpath of tropical PMU/PMU in formation					
Qty under 1st layer (18)					
Item No. (16) = 2.00 m ³					
@ Rs 11137.84/m ³					Rs 22280 =
Qty under 1st layer (18)					Rs 245125 =
Qty under 1st layer (18)					Rs 441217 =
Add 1% Contingency (F) Rs					24512 =
Add Scaffolding Fee (F) Rs					47127 =
					Rs 2964062 =
Less 25.60%					(F) Rs 758800 =
					Rs 2205262 =

18/01/25
JE

Continuation

AC/9/11/25

Amount limit = 887927