

प्रमाणित किया जाता है
कि माप/पुस्तक में मशीन तैयारी 100
प्रकाशो पुस्तक है जिससे भी सम्मान
अविनाश लक्ष्मी कामिपंन 25/10/11
कार्य विभाग कार्य अनुसंधान
फेनहा के पदनाम से निर्वाह
किया गया है

Signature
10/7/11

कार्यपालक अभियन्ता
ग्रामोप कार्य विभाग
कार्य प्रमण्डल पकड़ादयाल
10.7.20

Sch. XLV - Form No. 134

R.W.D PAKRIDAYAL DIVISION

R.W.D FENHAR SUB-DIVISION

Measurement Book

No. 851

Name _____

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Name of Work	construction of Road & C/W
With 5 years maintenance of	Shekhauna Chowk
to sekhauna Gach via Rupawlia main Road	
Under Ministry (N.D.B. BRICS)	
Name of Agency	JK Builders C/W - Sanjeev Kumar
Vill -	Mahmada pO - Barka Balua ps. patahi
Dist -	Eegat Champaran MN-9431428778
Agreement No	03 MBD/2020-21
Date of Work started	19-06-2020

Time of completion - 18-06-2021				
construction of 1000mm PNP ₂ Hume				
pipe culvert (single ROW)				
① E/W in Excavation for foundn				
----- all complete				
H.W -	$2 \times 2 \times 6.450 \times 1.40 \times 1.50 = 54.18 \text{ m}^3$			
Below pipe -	$2 \times 1 \times 4.950 \times 1.53 \times 0.365 = 5.42 \text{ m}^3$			
				59.60 m^3
② providing PCC (1:2.5:5) of				
levelling course in foundn				
----- all complete				
H.W -	$2 \times 2 \times 6.450 \times 1.40 \times 0.150 = 5.42 \text{ m}^3$			
Below pipe -	$2 \times 1 \times 4.931 \times 1.53 \times 0.250 = 3.77 \text{ m}^3$			
less for pipe -	$2 \times 0.250 \times 0.7857 \times 1.23^2 \times 5.496 = 3.27 \text{ m}^3$			
				5.92 m^3
Continuation				

Particulars	Details of actual measurement			Contents of area
No.	L.	B.	D.	
(3) B/10/12 in 1:2 m (1:4) in				
Head wall	all complete			
11.12	$2 \times 2 \times 6.150 \times 0.825 \times 2.580$			$= 52.36 \text{ m}^3$
parapet	$2 \times 2 \times 6.150 \times 0.400 \times 1.20$			$= 11.81 \text{ m}^3$
less for pipe	$2 \times 2 \times 0.7857 \times 1.230^2 \times 0.622$			$= (-) 2.96 \text{ m}^3$
				61.21 m^3
(4) providing 100mm ϕ NP3 11mm				
pipe	all complete			
	$2 \times 3 \times 2.50$			$= 15.0 \text{ m}$
(5) p/delaying with 1:2 m (1:4)				
in sub-structure	all complete			
outer sides	$2 \times 2 \times 6.150 \times 3.780$			$= 92.99 \text{ m}^2$
inner sides	$2 \times 2 \times 6.150 \times 0.600$			$= 14.76 \text{ m}^2$
Top	$2 \times 2 \times 6.150 \times 0.400$			$= 9.84 \text{ m}^2$
Ends	$2 \times 4 \times 0.825 \times 2.580$			$= 17.03 \text{ m}^2$
Ends (parapet)	$2 \times 4 \times 0.400 \times 1.20$			$= 3.84 \text{ m}^2$
less	$2 \times 2 \times 0.7857 \times 1.230^2$			$= (-) 4.75 \text{ m}^2$
				133.71 m^2
(6) providing 1.5mm cement punning				
	all complete			
Top	$2 \times 2 \times 6.150 \times 0.400$			$= 9.84 \text{ m}^2$
Ends (parapet)	$2 \times 4 \times 0.400 \times 1.20$			$= 3.84 \text{ m}^2$
Inner sides	$2 \times 2 \times 6.150 \times 0.600$			$= 14.76 \text{ m}^2$
				28.44 m^2
By Jgarela				
15.12.2020				
JG				

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(7) PSE of working Bench mark pillars					
2 Nos per km & 6 Nos per km					
----- all complete					
1.224 Km					
(8) clearing and grubbing road land					
(By manual means) ----- all complete					
10x	30.0	x	3.50	=	1050.0m ²
10x	30.0	x	3.50	=	1050.0m ²
10x	30.0	x	3.50	=	1050.0m ²
10x	30.0	x	3.50	=	1050.0m ²
1x	24.0	x	3.50	=	84.0m ²
					4284.0m ²
					or 0.43 Ha

(9) Excavation for roadway in					
soil using manual means					
----- all complete					
2x10x	30.0	x	0.525	x	0.100 = 31.50m ³
2x10x	30.0	x	0.525	x	0.100 = 31.50m ³
2x5x	30.0	x	0.525	x	0.100 = 15.75m ³
					78.75m ³
(10) providing and fixing Logo of					
MMUSx project & citizen					
information board					
all complete					
2.0 Nos					
up to 4					
04.01.2021					

JE Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
					B.F.B.H. = $210.932m^3$
Extra widening for curve					
					$1 \times 20.00 \times 0.70 + 0.50 \times 0.075 = 0.92m^3$
					$1 \times 25.80 \times 0.80 + 0.60 \times 0.075 = 1.35m^3$
					$2 \times 15.50 \times 0.75 + 0.60 \times 0.075 = 1.57m^3$
					$214.78m^3$
(13) construction of subgrade					
Earthen shoulder - - -					
all complete					
Sides of USB	2x	10x30.0x	0.975x	0.200	$= 117.0m^3$
	2x10x	30.0x	0.975x	0.200	$= 117.0m^3$
	2x5x	30.0x	0.975x	0.200	$= 58.50m^3$
Sides of WBM	2x10x	30.0x	1.125x	0.075	$= 50.63m^3$
	2x10x	30.0x	1.125x	0.075	$= 50.63m^3$
	2x5x	30.0x	1.125x	0.075	$= 25.31m^3$
					$419.07m^3$
U. Sreenivas 06.02.2021 JE 8/2/21 AS					

Sch. XLV-Form NO. 15-B					
Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
ABSTRACT OF COST					
(1) E/W in Excavation for foundation 36.0					
----- all complete					
vide TMB item (1) PN-2					
59.60m ³ @ RS 267 = 32/m ³				RS	16051=00
(2) providing pcc (1:2.5:5) in 37.0					
levelling course -----					
all complete					
vide TMB item (2) PN-2					
5.92m ³ @ RS 5368 = 86/m ³				RS	31784=00
(3) B/M/W in C.M (1:4) in 38.0					
head wall ----- all complete					
vide TMB item (3) PN-2					
61.21m ³ @ RS 5506 = 68/m ³				RS	337064=00
(4) providing 1000mm ϕ NP3 39.0					
house pipe ----- all complete					
vide TMB item (4) PN-2					
15.0m @ RS 3904 = 60/m				RS	58569=00
(5) plastering with C.M (1:4) in 40.0					
sub structure ----- all complete					
vide TMB item (5) PN-2					
133.71m ² @ RS 170 = 07/m ²				RS	22740=00
(6) providing 1.5mm cement 41.0					
putting ----- all complete					
vide TMB item (6) PN-2					
28.44m ² @ RS 55 = 86/m ²				RS	1589=00
				C.O. RS	467797=00

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				BT-FC	467797=00
(7) construction of bench mark 3					
1.0					
Reference pillars					
all complete					
vide TMB item (7) PN-3					
1.224 km @RS 7331=51/Km				RS	8974=00
(8) clearing & grubbing road (and					
2.0					
(by manual means)					
all complete					
vide TMB item (8) PN-3					
0.43 HA @RS 51133=76/HA				RS	21988=00
(9) Excavation for roadwork					
8.0					
in soil using manual means					
all complete					
vide TMB item (9) PN-3					
78.75 m ³ @RS 74=16/m ³				RS	5840=00
(10) P&F Logo of MMGISy					
35.0					
project & citizen information					
board					
all complete					
vide TMB item (10) PN-3					
2.0 NOS @RS 12390=46/each				RS	24781=00
(11) construction of GISB grading I					
15.0					
all complete					
vide TMB item (11) PN-4					
420.31 m ³ @RS 2554=37/m ³				RS	1073627=00
				C.O.RS	1603007=00

Continuation

Scanned with CamScanner

Sch. XLV-Form No.134					Contents of area
Particulars	Details of actual measurement				
	No.	L.	B.	D.	
<u>Material Statement</u>					
(1) cement				—	8.40 MT
(2) coarse sand				—	21.48 m ³
(3) stone Aggregate 40 mm size				—	2.84 m ³
(4) stone Aggregate 20 mm size				—	1.42 m ³
(5) stone Aggregate 10 mm size				—	0.47 m ³
(6) stone Aggregate 53 mm - 9.5 mm				—	252.19 m ³
(7) stone Aggregate 9.5 mm - 2.36 mm				—	100.87 m ³
(8) crushed sand below 2.36 mm				—	151.31 m ³
(9) stone Aggregate 53 mm - 22.4 mm				—	259.88 m ³
(10) stone screening 11.2 mm				—	51.55 m ³
(11) Earth (soil)				—	419.07 m ³

(12) cement					21.00 MT
(13) coarse sand					51.00 m ³
(14) stone Aggregate 40 mm size					51.00 m ³
(15) stone Aggregate 20 mm size					51.00 m ³
(16) stone Aggregate 10 mm size					51.00 m ³
(17) stone Aggregate 53 mm - 9.5 mm					51.00 m ³
(18) stone Aggregate 9.5 mm - 2.36 mm					51.00 m ³
(19) crushed sand below 2.36 mm					51.00 m ³
(20) stone Aggregate 53 mm - 22.4 mm					51.00 m ³
(21) stone screening 11.2 mm					51.00 m ³
(22) Earth (soil)					51.00 m ³

L. Jagan

06.02.2021

JE

ADP
S/2021
AD

Cap
K. Srinivas
4/6/2021



बिहार BIHAR

AF 187518

Standard From : Agreement

Agreement

This agreement, made the _____ day of _____, 20____, between Executive Engineer, Rural Work Department, Works Division Pakridayal,

वर्क डिवीजन, ग्रामदा फाई वॉल

Champan of the one part, S.K. Builders, C/o - Sanjeev Kumar, Vill. - Mahmada, P.O - Barka Balua, P.S - Patahi, Distt - East Champaran. Whereas the Employer is desirous that the Contractor of the Construction of Road & C.D Work With Five Yea Maintenance Of M.M.G.S.Y-NDB-BRRP-127 PAKRIDAYAL Under M.M.G.S.Y (N.D.B BRICS) and the employer has accepted the Bid by the contractor for the execution and completion of such works and the remedying of any defects therein at a cost Rs - 06,72,74,170.00 (Rupees Six Crore Seventy Two Lakh Seventy Four Thousand One Hundred Seventy Only)

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

Sanjeev Kumar

19/6
Executive Engineer
RWD Works Division
Pakridayal
19.6.20

Name of Agency

S.K. Builders
C/o - Sanjeev Kumar
Vill. - Mahmada, P.O - Barka Balua,
P.S - Patahi,
Distt - East Champaran.
Mo. No. 9431428778

Name Of Work

Construction of Road & C.D Work With Five Year Maintenance
Of M.M.G.S.Y-NDB-BRRP-127 PAKRIDAYAL Under
M.M.G.S.Y (N.D.B BRICS)

Agreement No-

03 MBD/2020-21

R.W.D (W) Div. Pakridayal

Rate approved by

C.E-3, R.W.D, PATNA

C.E-3., Letter No

4396 (we) Date- 15.06.2020

Construction Cost

06,21,49,547.00

Maintenance. Cost

51,24,623.00

Total (G.S.T+L.C)

06,72,74,170.00

Agreement Value

Rs - 06,72,74,170.00 (Rupees Six Crore Seventy Two Lakh
Seventy Four Thousand One Hundred Seventy Only)

Date of Agreement

19-06-2020

Date of Work Started

19-06-2020

Time Of Completion

18-06-2021

Performance Security

14,00,000.00

Additional Performance Security :- 0.00

Submitted to Division by B.G & F.D :- 14,00,000.00

Security Deduct From Bill :- 8 %

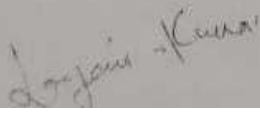
No Of Road

:- 10 (Ten)

Rate

:- 0.11 % Below.


Executive Engineer
RWD Works Division
Pakridayal
19.6.20



Package No. – M.M.G.S.Y-NDB-BRRP-127 PAKRIDAYAL

Tender ID :- 89352

Under :- M.M.G.S.Y (N.D.B BRICS)

Sl. No.	Road Name	Lenth (In K.M.)	Construction Cost.	Maintenance Cost.	Amount In Rs.
01	PWD Road Tetaria Rajepur Ke Ashok Singh Near House To Madhuaha Vrit Ganesh Paswan Tola.	0.600	44,06,089.00	01,83,627.00	45,89,716.00
02	Kothi Bazar Ramban To Bangla Tola (Bilas Das).	0.705	51,46,046.00	02,24,135.00	53,70,181.00
03	Bakhri Pakke Road To Champapur.	0.820	56,91,358.00	05,32,088.00	62,23,446.00
04	PMGSY Road To Mahna Tola.	0.750	62,69,049.00	02,55,821.00	65,24,870.00
05	Banarjhula Tharbitiya Road To Uttar Tola Brahmi Asthan.	0.510	38,17,019.00	01,64,454.00	39,81,473.00
06	Patahi Sugapipar Road To Naya Tola.	1.110	76,70,333.00	08,31,982.00	85,02,315.00
07	Patahi Sugapipar Road To Belahi Ram Paschim Road.	1.200	80,95,355.00	07,78,716.00	88,74,071.00
08	Shekhauna Chowk To Sekhauna Gaon Via Rupaulia Main Road.	1.224	69,59,733.00	08,01,839.00	77,61,572.00
09	Phenhara Kalupakar Road To Rai Je Tola.	1.114	75,32,177.00	06,86,487.00	82,18,664.00
10	Bhakurahiya To Bakhri.	0.970	65,62,388.00	06,65,474.00	72,27,862.00
	Total	9.003	06,21,49,547.00	51,24,623.00	06,72,74,170.00

By
19/11

Executive Engineer
RWD (W) Division, Pakridayal.

Pakridayal
19.6.20