

प्रमाणित किया जाता है कि
सभी रुब में सभी हैकीत 100 रुए
है जिसे लहायक भूमिगत व्हालीन
लार्गे विभाग लार्गे डायल प्रोडल
पकाई/दयार के पदनाय लेनिगन
किता जाता है

30.11.24
Executive Engineer
RWD Works Division
वि. ड. पकरिदायल
30.11.24

R. W. D PAKRIDAYAL DIVISION
R. W. D PAKRIDAYAL SUB-DIVISION

Measurement Book

No.

1484

Name of officer _____

Date of first entry _____

Date of last entry _____

Name of Work—
 Situation of Work—
 Agency by which work is executed—
 Date of Measurement—
 No. and date of agreement

(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.	
N/W:-	PAKRIDAYAL JHIKHAN				
	TIKHA ROAD DEVILAL				
	BRIDGE NARULAH HARAJ				
	ROAD TO KUND KANHA				
	CHAVUR (BARKA GAON				
	PND ROAD)				
Head	MMHSY (NDB) BRICS				
Name of Agency:-	M/S Shivam Kumar				
Add:- At:-	Chhoti Boriyarpur				
	P.O - Motihari				
	P.S - Chhatrauni				
	Dist - East Champaran				
	Block - Pakridayal				
	Agreement No - 03 SED/2024-25				
	(NDB)				
	Date of start - 23-08-2024				
	Date of Completion - 22-08-2025				

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L	B.	D.	
① P/F of working benchmark					
— do — E/I —→					4.0 Nos.
② P/F of working Reference pillar					
— do — E/I —→					15.0 Nos.
③ clearing and grubbing Road land uprooting weed vegetation, grass, bushes.					
— do — E/I					
2 X 30 X 30.00 X 3.5 =					6300.00m ²
2 X 30 X 30.00 X 3.5 =					6300.00m ²
2 X 30 X 30.00 X 3.5 =					6300.00m ²
2 X 30 X 30.00 X 3.5 =					6300.00m ²
2 X 10 X 30.00 X 3.5 =					2100.00m ²
2 X 2 X 30.00 X 3.5 =					420.00m ²
2 X 1 X 10.00 X 3.5 =					70.00m ²
					27790.00
					2.78 Hect.
④ Excavation for roadway in Soil using manual means for carrying of cut earth					
2 X 10 X 30.00 X 0.375 X 0.10 =					22.5 m ³
2 X 5 X 30.00 X 0.375 X 0.175 =					19.68m ³
2 X 1 X 20.00 X 0.375 X 0.175 =					2.63m ³
Continuation					44.81m ³

Pallavi K
06/11/2024
AE

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(5/4) Construction of Embankment					
with approved material					
chainage		Area	mean Area	Distance	Vol m
0.00		1.063	—	—	—
50.00		1.203	1.133	50	56.650 m ³
100.00		1.097	1.150	50	57.500 "
150.00		1.091	1.094	50	54.760 "
200.00		0.994	1.043	50	52.125 "
250.00		1.412	1.203	50	60.150 "
300.00		1.204	1.308	50	65.400 "
350.00		1.251	1.228	50	61.375 "
400.00		1.548	1.400	50	69.975 "
450.00		0.901	1.225	50	61.225 "
500.00		1.401	1.151	50	57.550 "
550.00		1.355	1.378	50	68.900 "
600.00		1.291	1.323	50	66.150 "
650.00		1.066	1.179	50	58.925 "
700.00		1.260	1.163	50	58.150 "
750.00		1.023	1.142	50	57.075 "
800.00		1.518	1.271	50	63.525 "
850.00		1.257	1.388	50	69.875 "
900.00		1.382	1.320	50	65.975 "
950.00		0.990	1.186	50	59.350 "
1000.00		1.137	1.061	50	53.175 "
1050.00		1.107	1.122	50	56.100 "

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1100.00	1	1.404	1.252	50	62.775m ²
1150.00		1.223	1.314	50	65.675 ⁴
1200.00		1.412	1.318	50	65.875 ⁴
1250.00		1.338	1.375	50	68.750 ⁴
1300.00		0.788	1.063	50	53.150 ⁴
1350.00		1.614	1.201	50	60.050 ⁴
1400.00		1.102	1.358	50	67.900 ⁴
1450.00		1.833	1.468	50	73.375 ⁴
1500.00		1.130	1.482	50	74.075 ⁴
1550.00		1.122	1.226	50	56.300 ⁴
1600.00		1.326	1.224	50	61.200 ⁴

1650.00		1.448	1.387	50	69.350 ⁴
1700.00		1.444	1.446	50	72.300 ⁴
1750.00		1.840	1.642	50	82.100 ⁴
1800.00		1.298	1.569	50	78.450 ⁴
1850.00		1.411	1.355	50	67.725 ⁴
1900.00		1.318	1.365	50	68.225 ⁴
1950.00		0.937	1.128	50	56.375 ⁴
2000.00		1.142	1.040	50	51.975 ⁴
2050.00		1.235	1.189	50	59.425 ⁴
2100.00		0.860	1.048	50	52.375 ⁴
2150.00		1.252	1.056	50	52.775 ⁴
2200.00		1.337	1.294	50	64.700 ⁴
2250.00		1.064	1.201	50	60.025 ⁴

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
2300.00		1.785	1.425	50	71.225 ^m
2350.00		1.815	1.800	50	90.000 ^u
2400.00		1.200	1.508	50	75.375 ^u
2450.00		1.202	1.202	50	60.075 ^u
2500.00		1.174	1.189	50	59.425 ^u
2550.00		1.416	1.295	50	64.750 ^u
2600.00		1.183	1.300	50	64.975 ^u
2650.00		0.936	1.060	50	52.975 ^u
2700.00		0.990	0.963	50	48.150 ^u
2750.00		1.286	1.138	50	56.900 ^u
2800.00		1.307	1.297	50	64.825 ^u
2850.00		1.503	1.405	50	70.250 ^u
2900.00		0.938	1.221	50	61.025 ^u
2950.00		0.800	0.869	50	43.450 ^u
3000.00		1.087	0.944	50	47.175 ^u
3050.00		0.947	1.017	50	50.850 ^u
3100.00		0.714	0.821	50	41.525 ^u
3150.00		1.120	0.917	50	45.850 ^u
3200.00		0.657	0.887	50	44.350 ^u
3250.00		0.864	0.759	50	37.950 ^u
3300.00		1.183	1.024	50	51.175 ^u
3350.00		1.283	1.232	50	61.650 ^u
3400.00		1.146	1.215	50	60.725 ^u
3450.00		0.645	0.896	50	44.775 ^u
3500.00		0.808	0.727	50	36.325 ^u

Continuation

Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
3550.00		1.050	0.929	50	46.450 ^{m³}
3600.00		0.952	0.901	50	45.050 ^{m³}
3650.00		1.165	0.959	50	47.925 ^{m³}
3700.00		0.859	1.012	50	50.604 ^{m³}
3750.00		0.855	0.857	50	42.85 ^{m³}
3800.00		0.940	0.898	50	44.875 ^{m³}
3850.00		0.880	0.910	50	45.500 ^{m³}
3900.00		0.887	0.864	50	44.175 ^{m³}
3950.00		1.075	0.981	50	49.050 ^{m³}
3970.00		0.947	1.011	20	20.220 ^{m³}
			Total Ekwaj		4660.67 ^{m³}

(5/8) Initial lead with 100m

$$4660.67 \times 80\% = 3728.536\text{m}^3$$

(6/6) Carriage lead with 1000m

$$4660.67\text{m}^3 \times 20\% = 932.134\text{m}^3$$

(7/7) Construction of Subgrade and earthen shoulders with approved material

$$20 \times 30.00 \times 7.70 \times 0.30 = 1386.00\text{m}^3$$

$$20 \times 30.00 \times 7.7 \times 0.30 = 1386.00\text{m}^3$$

$$10 \times 30.00 \times 7.7 \times 0.30 = 693.00\text{m}^3$$

$$20 \times 30.00 \times 8.0 + \frac{7.40}{2} \times 0.3 = 1386.00\text{m}^3$$

$$20 \times 30.00 \times \frac{7.7 + 6.8}{2} \times 0.3 = 1386.00\text{m}^3$$

Continuation

$$1305.00\text{m}^3$$

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(3) P.V. and laying R.C.C NP 3					
1000 mm Dia H.P					
3 X 2.50 m					= 7.50
					7.50 m
3 Nos @ 7.5 m					= 22.50 m
(4) P.V. P.C.C M 20 grade					
in substructure as					
Per drawing					
H.W 2 x 6.150 x 0.925 x 3.18					= 32.269 m ³
Parapet 2 x 6.150 x 0.40 x 0.6					= 2.952 m ³
less for H.P = 2 x 0.786 x (1.23) ² x 0.622					= 1.479 m ³
					33.74 m ³
3 Nos @ 33.74 m ³					= 101.22 m ³
Ballal 06/12/24 AE					
(8) P.V. and laying R.C.C NP 3					
1000 mm Dia H.P					
3 X 2.50 m					= 7.50
					7.50 m
3 Nos @ 7.5 m					= 22.50 m

Continuation

9
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
<u>1/8 Granular Sub-base with well graded material</u>					
<u>In P.C.C Portion</u>					
	5	30.00	3.75	0.10	= 56.25 m ³
	1	30.00	$\frac{3.75 + 4.5}{2}$	0.10	= 12.38 "
	1	20.00	3.75	0.10	= 3.75 m ³
	1	10.00	$\frac{3.75 + 4.65}{2}$	0.10	= 4.20 m ³
<u>G.S.B in widening Portion</u>					
	2	10 x 30	0.375	0.10	= 22.5 m ³
"	2	5 x 30	0.375	0.10	= 11.25 "
"	1	1 x 20.00	0.375	0.10	= 1.50 "
<u>Add for possible correction</u>					
	10%	10 x 30.00	3.0	0.1	= 9.0 m ³
					120.85 m³
<u>In A.T Portion</u>					
	10	30.00	4.05	0.20	= 243.0 m ³
	10	30.00	4.05	0.20	= 243.0 m ³
	1	30.00	$\frac{4.05 + 5.0}{2}$	0.20	= 27.15 "
	10	30.00	4.05	0.20	= 243.0 "
	10	30.00	4.05	0.2	= 243.0 "
	10	30.00	4.05	0.2	= 243.0 "
	1	30.00	$\frac{4.05 + 4.95}{2}$	0.2	= 27.0 "
	10	30.00	4.05	0.2	= 243.0 "
	20	30.00	4.05	0.2	= 486.0 "
	1	30.00	$\frac{4.05 + 5.1}{2}$	0.2	= 27.45 "
	1	10.00	$\frac{4.05 + 4.75}{2}$	0.2	= 8.8 "
	20	30.00	4.05	0.2	= 486.0 "
	1	30.00	$\frac{4.05 + 5.1}{2}$	0.2	= 27.45 "

Continuation

10
Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
1x 30.0 x $\frac{4.05 + 5.25}{2} \times 0.2$					$= 27.90 m^2$
1x 30.0 x 4.05 x 0.20					$= 24.3 "$
1x 10 x $\frac{4.05 + 5.25}{2} \times 0.2$					$= 9.30 "$
					2609.35
					2730.18 m^3
<i>Pallavi</i> 20/12/24 AE					

① P/L Spreading and compacting					
Stone aggregates WBM					
Cm - II					
10x 30.0 x 3.75 x 0.075					$= 84.38 m^3$
10x 30.00 x 3.75 x 0.075					$= 84.38 m^3$
1x 30.00 x $\frac{3.75 + 3.9}{2} \times 0.075$					$= 8.61 "$
1x 30.00 x 3.75 x 0.075					$= 8.44 "$
2x 30.0 x 3.75 x 0.075					$= 16.88 "$
					$202.69 m^3$

② P/F of typical masonry					
informatory sign board					
with logo					
1 x 3.0					$\rightarrow 3.0 No.$

Continuation

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
(4/3) Excavation for roadway in soil using manual means					
44.81 m ³ P-②					
① 104.01				Rs	4661.00
(5/5) Construction of embankment with approved material					
100 m lead					
3728.536 m ³ P-⑥					
① 196.04				Rs	730942.00
(6/6) Construction of embankment with approved material					
100 m lead					
332.134 m ³ P-⑥					
① 260.98				Rs	243268.00
(7/7) Construction of subgrade and earthen shoulder with approved material					
7542.00 m ³ P-⑦					
① 264.51				Rs	1994934.00
(8/8) Construction of granular sub base with well graded material					
2730.18 m ³ P-⑩					
① 3070.06				Rs	8381816.00
(9/9) P/L spreading and compacting stone aggregates					

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
w.b.m. hr - II					
202.69 m ³ P- (10)					
① 5301.75					Rs 1074612.00
(10/14) P/F Logo of mngry informative sign board					
3.0 Nos P- (10)					
1.0 Nos P- (11)					
4.00 Nos @ 15532.97 →					Rs 62132.00
(11/21) E/W in excavation for found ⁿ as per - 8/1					
89.40 m ³ P- (7)					
@ 405.83					Rs 36281.00
(12/22) P/V M15 RCC as levelling course in found ⁿ					
13.80 m ³ P- (7)					
@ 7691.80					Rs 106147.00
(13/24) P/V and laying RCC NP ² 1000 m dia H.P					
22.50 Km - P- (8)					
@ 8063.56					Rs 181430.00
(14/23) P/V P.C.C M20 grade in substructure as per drawing					
101.22 m ³ P- (8)					
@ 8715.53					Rs 882186.00

Continuation

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Sch. XLV-Form No. 134

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				Total	Rs 13968318.00
Add C.S.T @ 1.5% R.S.				2514297.00	
L. cess @ 1% →				139683.00	
S-free P-15				279296.00	
					Rs 16901594.00
Less as per agreement 1.53% →					258594.00
					Rs 16643000.00

Seigniorage fee

① earthwork					
	12202.67 m ³				
	35.25			Rs 430144.00	
② G.S.B. - hr I -	2720.18 m ³				
53 mm to 9.5 mm	1638.10 @	931.75		Rs 1526277.00	
9.5 mm to 2.36	655.24 m ³ @	429.97		Rs 281734.00	
2.36 below	982.86 m ³ @	144.75		Rs 142269.00	
③ W.B.M. hr - III -	202.69 m ³				
3.53 to 22.4 mm	245.25 @	1100.04		Rs 269785.00	
11.2 mm	48.64 @	429.97		Rs 20924.00	
④ P.C.C.M. 20	101.22 m ³				
Sand -	45.54 @	577.80		Rs 26313.00	
20 mm agg	54.65 @	1207.76		Rs 66004.00	

Continuation

Name of Agency :- M/S Shivam Kumar,
Add. - At. - Chhota Bariyarpur,
P.O - Motihari, P.S - Chhatauni,
Distt. - East Champaran.
Mo. No. 9801538660/6204356391
Email. - shivamsingh895@gmail.com

Name Of Work :- Construction of Road & C.D Work With Five Year
Maintenance Of The Package No. M.M.G.S.Y.-NDB-
BRRP-653-PAKRIDAYAL. Under M.M.G.S.Y (NDB)
BRICS.

Agreement No- 03 S.B.D / 2024-25
(N.D.B)

R.W.D (W) Div. Pakridayal

Rate approved by :- S.E, R.W.D, MOTIHARI

C.E-3, Letter No :- 1910 (WE) Date- 07.08.2024

Construction Cost :- 04,34,58,345.00

Maintenance. Cost :- 33,17,450.00

Total :- 04,67,75,795.00

Agreement Value :- 04,67,75,796.00 (Rupees Four Crore Sixty Seven Lakh
Seventy Five Thousand Seven Hundred Ninety Six Only)

Date of Work Order :- 23-08-2024

Time Of Completion :- 22-08-2025

Performance Security :- 11,70,000.00

Additional Performance Security :- 01,90,000.00

Submitted to Division by B.G & N.S.C :- 13,60,000.00

Security Deduct From Bill :- 7.5%

No Of Road :- 01 (One Nos.)

Rate :- 01.53 % Below.

M/s Shivam Kumar
Anand Kumar
Partner


23.8.24
Executive Engineer
RWD WORKS DIVISION
Pakridayal
23/08/24



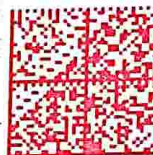
First Party Name * : Not Applicable
Second Party Name * : MS SHIVAM KUMAR
Purchased By * : MS SHIVAM KUMAR
Certificate Number : BR038161421723111132236
Consideration Price : ₹0.00/-
Stamp Duty Paid : ₹1000.00/-
Registration Fee & Other Fees : ₹0.00/-
LLR & Proc Fee : ₹0.00/-
Miscellaneous Fees : ₹0.00/-
Discore SC : ₹0.00/-
Total Amount : ₹1000.00/- (One Thousand)



This stamp paper will only be valid if embossed below with special RED ink impression

Phone No :
Sold To/Issued To :
MS SHIVAM KUMAR
For Whom/ID Proof :
MS SHIVAM KUMAR

भारत INDIA
INDIA NON JUDICIAL
D S R OFFICE
MOTIHARI
848401
BIMAR
विहार
भारतीय गैर न्यायिक



AUG-08-2024 15:30:40

₹ 0001000/-
ZERO ZERO ZERO ONE ZERO ZERO ZERO

Other
38161421723131040249-00011273
3816142 1156

Standard Form : Agreement

Agreement

This agreement, made the _____ day of _____ 20____,

between Executive Engineer, Rural Work Department, Works Division Pakridayal, East Champaran of the one part, M/S Shivam Kumar, Add. - At. - Chhota Bariyarpur, P.O - Motihari, P.S - Chhatauni, Distt. - East Champaran. Whereas the Employer is desirous that the Contractor of the Construction of Road & C.D Work With Five Year Maintenance Of The Package No. Package No. M.M.G.S.Y.-NDB-BRRP-653-PAKRIDAYAL. Under M.M.G.S.Y (NDB) 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 – 04,67,75,796.00 (Rupees Four Crore Sixty Seven Lakh Seventy Five Thousand Seven Hundred Ninety Six Only)
NOW THIS AGREEMENT WITNESSETH as follows:

2. 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.

M/s Shivam Kumar
Avinash Kumar
Partner

Executive Engineer
RWD WORKS DIVISION
Pakaridaval
23/08/24

Package No. – M.M.G.S.Y.-NDB-BRRP-653-PAKRIDAYAL.

Under :- Under M.M.G.S.Y (NDB) BRICS.

Sl. No.	Road Name	Length (in K.M)	Construction Cost.	Maintenance Cost.	Amount In Rs.
01	Pakridayal-Jhikhan Tikha Road Devi Lal Bridge Narulaha Haraj Road To Kund Kanha Chaur (Barka Gaon PWD Road.) Under Pakridayal Block.	3.970	04,34,58,345.00	33,17,450.00	04,67,75,796.00
	Total	3.970	04,34,58,345.00	33,17,450.00	04,67,75,796.00

Executive Engineer

RWD (W) Division, Pakridayal.

M/s Shivam Kumar

Pravin Kumar

Partner

M/s Shivam Kumar

Partner

2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.

3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- i) Letter of Acceptance;
 - ii) Notice to proceed with the works;
 - iii) Contractor's Bid;
 - iv) Contract Data;
 - v) Special Conditions of contract and General Conditions of Contract;
 - vi) Specifications;
 - vii) Drawings;
 - viii) Bill of Quantities; and
 - ix) Any other document listed in the Contract Data as forming part of the contract.
- In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of

was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said

in the presence of:

Binding Signature of Employer

Binding Signature of Contractor

M/s Shivam Kumar
Avinash Kumar
Partner


23/8/24
Executive Engineer
RWD WORKS DIVISION
Bakaridaval
23/8/24