

OFFICE OF THE EXECUTIVE ENGINEER
RURALWORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

### SUPPLEMENTRY

#### **AGREEMENT NO.- 35 /SBD/2022-23**

This agreement, made the 24<sup>th</sup> January of 2023 between Executive Engineer, RWD, Works Division, Lakhisarai, Govt. of Bihar Patna And Sri Gopal Kumar, S/o Sri Kedar Prasad Sharma, At+PO- Walipur, Lakhisarai, Bihar

Whereas the Employer is desirous that the Contractor execute the construction of road from PMGSY Road to Purbi Yadav Tola se Bansipur Station of Block in Chanan Under MMGSY in Lakhisarai District 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 of Construction Rs. 1,15,91,496.00 (One Crore Fifteen Lakh Ninety One Thousand Four Hundred Ninety Six) & Maintenance cost Rs. 11,82,798.00 (Eleven Lakh Eighty Two Thousand Seven Hundred Ninety Eight) total cost Rs. 1,27,74,294.00 (Rupees One Crore Twenty Seven Lakh Seventy Four Thousand Two Hundred Ninety Four) Only.

03/1/13

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai

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Good June

# -: Contractor's BID:

# Attached separately

NAME OF WORK:- PMGSY Road to Purbi Yadav Tola se Bansipur Station of Block in Chanan Under MMGSY in Lakhisarai District

District:- Lakhisarai

Block :- Chanan

	Name of Road PMGSY Road to Purbi Yadav Tola se Bansipur Station of	leanth (km)	Cost of Construction (Rs. In lacks)	Maintenance cost (Rs. In lacks)	
1.		1.905	115.91496/-	11.82798/-	

Executive Engineer Applications 251725 Rural Work, Department

## OFFICE OF THE EXECUTIVE ENGINEER RURALWORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

Letter No	Date



# SUPPLEMENTRY AGREEMENT NO.- 35/SBD/2022-23

NAME OF WORK:- PMGSY Road to Purbi Yadav Tola se Bansipur Station of Block in Chanan Under MMGSY in Lakhisarai District

AGREEMENT AMOUNT - Main work: 1,15,91,496.00

Maintenance work: 11,82,798.00

Total Amount: 1,27,74,294.00

NAME OF AGENCY -

Shri Gopal Kumar S/o – Sri Kedar Prasad Sharma, At+ PO- Walipur Dist- Lakhisarai, Bihar

23/11/23

Executive Engineer
Rural Work, Department

Work, Div, Lakhisarai

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#### SUPPLEMENTRY AGREEMENT NO. - 35/SBD/2022-23

NAME OF WORK: - PMGSY Road to Purbi Yadav Tola se Bansipur Station of Block in Chanan Under MMGSY in Lakhisarai District

NAME OF AGENCY: -

Shri Gopal Kumar

S/o - Sri Kedar Prasad Sharma,

At+ PO- Walipur

Dist- Lakhisarai, Bihar

Reference

:- Chief Engineer-2,

R.W.D. Patna, Bihar

Vide Letter No. 109 Date: 24.01.2022

**Estimated Cost** 

Construction cost:- 1,15,91,496.00

Maintenance work: 11,82,798.00

Total Amount:

1,27,74,294.00

Performance Security: - Deposited @ 2 %, Next 8 % deducted from bill, additional security for unbalanced bid submitted Rs.

Date of Commencement :- 24<sup>th</sup> January 2023

Date of Completion

:- 31 May . 2023

No. of Item of Work

:- As per B.O.Q (Nos)

Rate Quoted

:- 10.00% below (Ten Point Zero Zero percent below)

Contractor Signature

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Work, Div, Lakhi

Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: Construction of Road & CD Works for PMGSY Road To Purbi Yadav Tola Se Banslpur Station Chanan Block Inder - MMGSY

Contract No: ( ) Works/

PRINT

Excess (+)

Nai.				Excess (+)		70
		SCHEDUL	OF WORK	2.		
SI. No.	Description of work	No. or Unit Qty.		Estimated Rate		AMOUNT Rs. P
			•	Figure	Words	
1	Setting Out Construction of Reference Pillars/Burjees Construction of Reference & Working Benchmarks	2.000	Per Km	3677.95	Rupees Three Thousand Six Hundred & Seventy Seven and Paise Ninety Five Only	7355.90
2	Setting Out Construction of Reference Pillars/Burjees Construction of Reference & Working Benchmarks	8.000	Per Km	1673.71	Rupees One Thousand Six Hundred & Seventy Three and Paise Seventy One Only	13389.68
, 3	Clearing and Grubbing Road Land Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of	0.380	Hect.	51101.12	Rupees Fifty One Thousand One Hundred & One and Paise Twelve Only	19418.43
4	Dismantling of existing bridge, like culverts, bridge,retaining wall and other structures comprising of brick masonary including unserviceable material and	155.970	Cum	224.72	Rupees Two Hundred & Twenty Four and Paise Seventy Two Only	35049.58
5	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work,	5.400	Cum	484.74	Rupees Four Hundred & Eighty Four and Paise Seventy Four Only	2617.60
6	Removing all types of Hume pipe and stacking within a lead of 1000m including earthwork and dismantling of masonary works as per technical specification clause	45.000	Cum	174.78	Rupees One Hundred & Seventy Four and Paise Seventy Eight Only	7865.10
7	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to	1606.360	Cum	153.57	Rupees One Hundred & Fifty Three and Paise Fifty Seven Only	246688.71
8	Construction of Subgrade Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts	3023.950	Cum	192.84	Rupees One Hundred & Ninety Two and Paise Eighty Four Only	583138.52
9	Granular Sub-base with Well Graded Material (Table 400.1) Gr-li Construction of granular sub-base by providing well	1075.200	Cum	1648.12	Rupees One Thousand Six Hundred & Forty Eight and Paise Twelve Only	1772058.62
10	WBM Grading 3 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in	541.140	Cum	2038.15	Rupees Two Thousand & Thirty Eight and Paise Fifteen Only	1102924.49
11	Prim Coat:- Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying	3048.940	Sqm	44.90	Rupees Forty Four and Paise Ninety Only	136897.41
12	Tack Coat:- Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared	3048.940	Sqm	15.46	Rupees Fifteen and Paise Forty Six Only	47136.61
13	Mix Seal Surface :- Providing laying and rolling of close - graded premix surface material 20 mm thickness composed of 11.2 mm to 0.9 mm (Type - A) or 13.2 mm to	3048.940	Sqm	202.49	Rupees Two Hundred & Two and Paise Forty Nine Only	617379.86
14	Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 17030rdinary Kilometer Stone (Precast)	3.000	Each	1967.00	Rupees One Thousand Nine Hundred & Sixty Seven Only	5901.00
15	Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703200 m stone (precast)	9.000	Each	545.56	Rupees Five Hundred & Forty Five and Paise Fifty Six Only	4910,04
16	Providing and fixing of semi-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 600 mm Circular	6.000	No	1566.49	Rupees One Thousand Five Hundred & Sixty Six and Paise Forty Nine Only	9398,94



me of Work: Construction of Road & CD Works for PMGSY Road To Purbl Yadav Tola Se Bansipur Station Chanan Block Under - MMGSY
Contract No: Wil Works/

VALIDATE

113977.35

Add 1% Labour Cess

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	Lange of	SCHEDUL	E OF WORKS			
il. No.	Description of work	No. or Unit		Estimated Rate		AMOUNT Rs. I
		Qty.		Figure	Words	KS. I
17	Providing and fixing of semi-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801900 mm equilateral & triangle, (left, Right Curve)	4.000	No	1601.23	Rupees One Thousand Six Hundred & One and Paise Twenty Three Only	6404.92
18	Providing and fixing of semi-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 900 mm equilateral & triangle, (School & Place)	2.000	No	1559.75	Rupees One Thousand Five Hundred & Fifty Nine and Paise Seventy Five Only	3119.50
19	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes. At Both Edge For BT Road	161.000	Sqm	735.03	Rupees Seven Hundred & Thirty Five and Paise Three Only	118339.83
20	Cable Duct Across the Road(For irrigation purpose) Providing and laying of a reinforced cement concrete pipe duct,300 mm dia, across the road (new construction),	15.000	RM	849.95	Rupees Eight Hundred & Forty Nine and Paise Ninety Five Only	12749.25
21	Direction and place indentification signs up to 0.9 sqm size board Providing and erecting direction and place identifications of semi reflective sign boards as per IRC:67	1.000	No.	2684.21	Rupees Two Thousand Six Hundred & Eighty Four and Paise Twenty One Only	2684.21
22	Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly	4.000	No.	9196.00	Rupees Nine Thousand One Hundred & Ninety Six Only	36784.00
23	Earth work in excavation of foundation of structures as per drawing and technical specification Clause 1104, including setting out, construction of shoring and bracing,	268.180	Cum	269.32	Rupees Two Hundred & Sixty Nine and Paise Thirty Two Only	72226.24
24	Providing M15 (PCC 1:2.5:5) as levelling course in foundation : Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per	26.658	Cum	4658.18	Rupees Four Thousand Six Hundred & Fifty Eight and Paise Eighteen Only	124177.76
25	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M 20	275.463	Cum	5257.32	Rupees Five Thousand Two Hundred & Fifty Seven and Paise Thirty Two Only	1448197.14
26	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding	67.500	m	3547.61	Rupees Three Thousand Five Hundred & Forty Seven and Paise Sixty One Only	239463.68
27	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I	127.980	Sqm	46.10	Rupees Forty Six and Paise Ten Only	5899.88
28	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per Technical Specification Clause 301.5 For 1000 m lead	2409.540	Cum	174.94	Rupees One Hundred & Seventy Four and Paise Ninety Four Only	421524.93
29	Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per	666.600	Cum	6176.69	Rupees Six Thousand One Hundred & Seventy Six and Paise Sixty Nine Only	4117381.55
30	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is	220.000	Cum	802.96	Rupees Eight Hundred & Two and Paise Ninety Six Only	176651.20
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	Authority: Engg-in Chief RWD Patna	2 00 10 May 100 100		Bandaur Stati		VALIDATE in
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		SCHEDUL	E OF WORK	(S		AMOUNT
	Description of work	No. or Qty.	Unit	. 1	Estimated Rate	Rs. P
		Qty.		Figure	Words	1367728.15
			= - 5.5		Add 12% GST	
	,			Total	Cost of Construction :-	12879440.05
31	1st Year Maintenance Cost	1.905	км	40800.52	Rupees Forty Thousand Eight Hundred and Paise Fifty Two Only	77725.00
32	2nd Year Maintenance Cost	1.905	КМ	48117.59	Rupees Forty Eight Thousand One Hundred & Seventeen and Paise Fifty Nine Only	91664.00
33	3rd Year Maintenance Cost	1.905	КМ	215195.28	Rupees Two Lakh Fifteen Thousand One Hundred & Ninety Five and Paise Twenty Eight Only	409947.00
34	4th Year Maintenance Cost	1.905	КМ	71074,54	Rupees Seventy One Thousand & Seventy Four and Paise Fifty Four Only	135397.00
35	5th Year Maintenance Cost	1.905	КМ	235324.93	Rupces Two Lakh Thirty Five Thousand Three Hundred & Twenty Four and Paise Ninety Three Only	448294.00
	4 # 12 8	1163027.00				
			-	1,90-2,140	Cost of Maintenance :- Add 1% Labour Cess	11630.27
			<del></del>		Add 12% GST	139563.24
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		14193660.56				
uoted F	Rate in Words	Rupe	es One	Crore Forty	ive Year Maintenance :- One Lakh Ninety Three T xty and Paise Fifty Six On	housand Six

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