

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

AGREEMENT NO.- 30/SBD/2020-21

SUPPLEMENTARY AGREEMENT NO.-58/SBD/2023-24

This agreement, made the 17 February of 2024 between Executive Engineer, RWD, Works Division, Lakhisarai, Govt. of Bihar Patna And Sri Santosh Kumar, Vill.- Bahrawan PO- Sawan Khairma, PS.- Halsi, Lakhisari, Bihar

Whereas the Employer is desirous that the Contractor execute the construction of road from PMGSY Path Se Dularpur Yadav Tola of Block in Halsi 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. 1,36,88,086.00 (One Crore Thirty Six Lakh Eighty Eight Thousand Eighty Six) & Maintenance cost Rs. 15,10,944.00 (Fifteen Lakh Ten Thousand Nine Hundred Forty Four) total cost Rs. 1,51,99,030.00 (RUPEES ONE CRORE FIFTY ONE LAKH NINETY NINE THOUSAND THIRTY) ONLY.

संतोष कुमार

17/2/24

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai

-:Contractor's BID :-

Attached separately

NAME OF WORK:- PMGSY Path Se Dularpur Yadav Tola of Block in Halsi Under MMGSY in Lakhisarai District..

District:- Lakhisarai

Block :- Halsi

Sl. No	Name of Road	length (km)	Cost of Construction (Rs. In.lacks)	Maintenance cost (Rs. In lacks)
1.	PMGSY Path Se Dularpur Yadav Tola	1.875	136.88086	15.10944
Total		1.875	136.88086	15.10944

सिनी प्रस्ताव

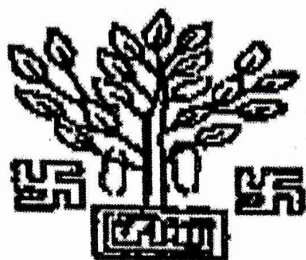
17/2/24

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai
17/2/24

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

Letter No.

Date-



बिहार सरकार

SUPPLEMENTARY AGREEMENT NO.- 58/SBD/2023-24

**NAME OF WORK :- PMGSY Path Se Dularpur Yadav Tola of Block in
Halsi Under MMGSY in Lakhisarai District.**

ORIGINAL

AGREEMENT AMOUNT – Main work:- 1,13,39,116.00

Maintenance work:- 14,96,533.00

Total Amount: 1,28,35,649.00

SUPPLEMENTARY

AGREEMENT AMOUNT – Main work:- 1,36,88,086.00

Maintenance work:- 15,10,944.00

Total Amount: 1,51,99,030.00

NAME OF AGENCY –

**Sri Santosh Kumar
Vill.- Bahrawan,
PO- Sawan Khairma
PS.- Halsi, Lakhisarai.**

संतोष कुमार

17/12/24

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai
17/12/24

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

SUPPLEMENTARY AGREEMENT NO. -58/SBD/2023-24

NAME OF WORK: - PMGSY Path Se Dularpur Yadav Tola of Block in Halsi Under MMGSY in Lakhisarai District.

NAME OF AGENCY: - Sri Santosh Kumar
Vill.- Bahrawan,
PO- Sawan Khairma
PS.- Halsi, Lakhisarai.

Reference :- Superintending Engineer,
R.W.D, Works Circle, Munger
Vide Letter No.172. Date . 13.02.2024

Estimated Cost	:- Construction cost:-	1,36,88,086.00
	Maintenance work:-	15,10,944.00
	Total Amount:	1,51,99,030.00

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

Supplementary Agreement Date :-


Date of Commencement :-

Date of Completion :-

No. of Item of Work :- As per B.O.Q (Nos)

Rate Quoted :- 0.29% below (Zero Point two nine percent below)

Contractor Signature


17/2/24


Executive Engineer
Rural Works Division, Lakhisarai
Work, Div, Lakhisarai

17/2/24

Bidder Name:		Excess (+)	%
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SCHEDULE OF WORKS

SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
	Revised Bill of Quantity					
1	Providing & Fixing of Working benchmark Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I Working benchmark Pillars	2.000 ✓	Per Km	3760.20	Rupees Three Thousand Seven Hundred & Sixty and Paise Twenty Only	7520.40 ✓
2	Providing & Fixing of Working benchmark Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I Reference pillars	8.000 ✓	Per Km	1718.31	Rupees One Thousand Seven Hundred & Eighteen and Paise Thirty One Only	13746.48 ✓
3	Clearing and Grubbing Road Land Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201	1.125 ✓	Hect.	51101.12	Rupees Fifty One Thousand One Hundred & One and Paise Twelve Only	57488.76 ✓
4	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 m as per Technical Specification Clause 301.5. 1000 m Lead	5388.92 ✓	Cum	153.85	Rupees One Hundred & Fifty Three and Paise Eighty Five Only	829085.34 ✓
5	Construction of Subgrade and Earthen Shoulders :- Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1	5970.47 ✓	Cum	193.12	Rupees One Hundred & Ninety Three and Paise Twelve Only	1153017.17 ✓
6	Granular Sub-Base with Coarse Graded Material (Table:- 4002)- For Grading I Material Construction of granular sub-base by providing coarse graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with vibratory roller to achieve the desired density, complete as per clause 401.	1533.94 ✓	Cum	1661.67	Rupees One Thousand Six Hundred & Sixty One and Paise Sixty Seven Only	2548902.08 ✓
7	WBM Grading 3 :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405	532.62 ✓	Cum	1971.73	Rupees One Thousand Nine Hundred & Seventy One and Paise Seventy Three Only	1050182.83 ✓
8	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	7101.56 ✓	sqm	45.23	Rupees Forty Five and Paise Twenty Three Only	321203.56 ✓
9	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	7101.56 ✓	sqm	15.56	Rupees Fifteen and Paise Fifty Six Only	110500.27 ✓
10	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 0.9 mm (Type - B) aggregates using penetration grade bitumen to required line ,grade and level to serve as static roller and finishing to required level and grades as per Technical Specification Clause 509	7101.56 ✓	sqm	213.46	Rupees Two Hundred & Thirteen and Paise Forty Six Only	1515899.00 ✓

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Bidder Name:	Excess (+)	%
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SCHEDULE OF WORKS

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
11	Kilometre Stone :- 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 1703 Ordinary Kilometer Stone (Precast)	3.00 ✓	No	2071.84	Rupees Two Thousand & Seventy One and Paise Eighty Four Only	6215.52 ✓
12	Kilometre Stone :- 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 1703. (200 M stone)	8.00 ✓	No	564.22	Rupees Five Hundred & Sixty Four and Paise Twenty Two Only	4513.76 ✓
13	Traffic Signs :- Providing and fixing of retro-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	18.00 ✓	No	1615.54	Rupees One Thousand Six Hundred & Fifteen and Paise Fifty Four Only	29079.72 ✓
14	Traffic Signs :- Providing and fixing of retro-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 equilateral & triangle	12.00 ✓	No	1650.28	Rupees One Thousand Six Hundred & Fifty and Paise Twenty Eight Only	19803.36 ✓
15	Traffic Signs :- Providing and fixing of retro-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 &	6.00 ✓	No	1608.80	Rupees One Thousand Six Hundred & Eight and Paise Eighty Only	9652.80 ✓
16	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface :- 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.	375.00 ✓	sqm	735.03	Rupees Seven Hundred & Thirty Five and Paise Three Only	275636.25 ✓
17	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), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 99 - 1997 and approved drawings	60.00 ✓	R.M	849.95	Rupees Eight Hundred & Forty Nine and Paise Ninety Five Only	50997.00 ✓

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Work: Construction of Road & CD Works for PMGSY Path Se Dularpur Yadav Tola In Halsi Block Under - MMGSY

VALIDATE

act No: Civil Works/

PRINT

HELP

Bidder Name:				Excess (+)		%
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
18	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 made of 2 mm thick M.S. Sheet duly stove enameled paint in white colour in front and grey colour on back with red reflective border of 70 mm width and required message, letters, figures with reflective engineering grade tape as per MORD specifications of required shade and colour. Supported and welded on 47 mm x 47mm of 12 SWG Square tube of 3050 mm height duly strengthened by 25 mm x 5 mm M/s flat iron on edges on back firmly fixed to the ground by means of properly designed foundations with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical	2.00	Each	2738.71	Rupees Two Thousand Seven Hundred & Thirty Eight and Paise Seventy One Only	5477.42
19	(I)Providing and Fixing 'Logo' of Project Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701	4.00	NO	9294.09	Rupees Nine Thousand Two Hundred & Ninety Four and Paise Nine Only	37176.36
20	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	519.07	Cum	269.32	Rupees Two Hundred & Sixty Nine and Paise Thirty Two Only	139794.86
21	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	7.25	Cum	453.20	Rupees Four Hundred & Fifty Three and Paise Twenty Only	3283.43
22	Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	65.50	Cum	5047.44	Rupees Five Thousand & Forty Seven and Paise Forty Four Only	330627.51
23	Providing PCC M 20 concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	300.48	Cum	5682.61	Rupees Five Thousand Six Hundred & Eighty Two and Paise Sixty One Only	1707482.24
24	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 ans 1204	248.77	Cum	5879.01	Rupees Five Thousand Eight Hundred & Seventy Nine and Paise One Only	1462533.08
25	Providing Bitumen painting over top surface of Abutment cap & inner vertical surface of Dirt Wall including Heating the bitumen & cost of painting brush etc. all complete.	54.00	Sqm	16.29	Rupees Sixteen and Paise Twenty Nine Only	879.66
26	RCC M25 in Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5	28.84	Cum	6843.51	Rupees Six Thousand Eight Hundred & Forty Three and Paise Fifty One Only	197339.45
27	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	3.66	MT	47060.02	Rupees Forty Seven Thousand & Sixty and Paise Two Only	172239.62
28	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	54.00	RM	37.02	Rupees Thirty Seven and Paise Two Only	1999.08

Signature of Tenderer with seal

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☒ VALIDATE

☒ PRINT

☒ HELP

Work: Construction of Road & CD Works for PMGSY Path Se Dularpur Yadav Tola In Halsei Block Under - MMGSY

Project No: Civil Works/

Tender Name:		Excess (+)		%
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SCHEDULE OF WORKS

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
29	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 excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 1000 mm dia	7.50	RM	3792.45	Rupees Three Thousand Seven Hundred & Ninety Two and Paise Forty Five Only	28443.38
30	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutement, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structure with slope of 1V: 20H towards	120.00	Cum	109.56	Rupees One Hundred & Nine and Paise Fifty Six Only	13147.20
31	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 excavation, protection works, backfilling concrete and	15.00	RM	2099.17	Rupees Two Thousand & Ninety Nine and Paise Seventeen Only	31487.55
32	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	22.50	RM	587.84	Rupees Five Hundred & Eighty Seven and Paise Eighty Four Only	13226.40

Cost of Construction :- 12148581.59

Add 1% Labour Cess 121485.82

Add 18% GST 2186744.69

Total Cost of Construction :- 14546172.10

31	1st Year Maintenance Cost	1.875	KM	49038.93	Rupees Forty Nine Thousand & Thirty Eight and Paise Ninety Three Only	91948.00
32	2nd Year Maintenance Cost	1.875	KM	61217.07	Rupees Sixty One Thousand Two Hundred & Seventeen and Paise Seven Only	114782.00
33	3rd Year Maintenance Cost	1.875	KM	231558.40	Rupees Two Lakh Thirty One Thousand Five Hundred & Fifty Eight and Paise Forty Only	434172.00
34	4th Year Maintenance Cost	1.875	KM	104709.87	Rupees One Lakh Four Thousand Seven Hundred & Nine and Paise Eighty Seven Only	196331.00
35	5th Year Maintenance Cost	1.875	KM	268680.00	Rupees Two Lakh Sixty Eight Thousand Six Hundred & Eighty Only	503775.00

Cost of Maintenance :- 1341008.00

Add 1% Labour Cess 13410.08

Add 18% GST 241381.44

Total Cost of Maintenance :- 1595799.52

Total Cost of Project Including Five Year Maintenance :- 16605261.61

Quoted Rate in Words	Rupees One Crore Sixty Lakh Fifty Two Thousand Six Hundred & Eleven and Paise Sixty One Only
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Executive Engineer
Rural Work Department
Work, Div, Lakhisarai

Name of Road - PMGSY Path se Dubarpur Yadav Tola

Revised A.A. vide letter no. - BRRDA(HQ)MMGSY-572/23
280 dated 01.02.2024

Cost of Construction - ₹ 13727897.20

Cost of maintenance - ₹ 1515339.04

₹ 15243236.24

Less - 0.29% as per agreement - (₹) ₹ 44,205.38

₹ 15199030.86

E. Letter No. 262 Dt. 13.02.2024

Construction Cost Rs. 13727897.20

5 yrs. Maintenance Cost Rs. 1515339.04


Total Cost Rs. 15243236.24

Revised BOQ Approved For Rs. 15199000.00

(Rupees One crore fifty one lakh
ninety nine thousand only)

including 5 yrs Maintenance Vide

Item no. 01 to 35


Superintending Engineer
Rural Works Department
Munger Circle, Munger


13/2/24