



### Supplementary Agreement

Supplementary Agreement No :- 82 (S-2) MBD / 2020-21 Dated-.....  
Primary Agreement No :- 82 MBD/2020-21 Dated-19.09.2020

Name of Works :- Construction of Road With 5 Year maintenance from  
Package No-MR- N/2019-20 Belsand /03 Revised  
/Supplementary Agreement Under MR-3054 Scheme.

1. Gadha To Dhanushi Path
2. Thumma To Khopnish Path
3. Khanua Ghat To Morang Path
4. Kowahi To Gidha Part-B

Name of Agency :- Lal Babu Ray  
At- Nandpuri, Bhagwanpur, Muzaffarpur  
Distt- Muzaffarpur

Date of Start :-

Date of Completion :-

E.M. Deposit :-

This Agreement Made on 11/07/2022 between Executive Engineer, Rural Work Department, Works Division, Belsand of the one part and Lal Babu Ray, At- Nandpuri, Bhagwanpur, Muzaffarpur, Distt- Muzaffarpur. Whereas the Employer is desirous that the contractor execute the Works under M/R 3054 Scheme.

  
Executive Engineer  
R.W.D. Works Division  
Belsand

Lal Babu Ray

11/07/22



Construction of Road With 5 Year maintenance Road from Package No-MR-N/2019-20 Belsand/03 Revised Supplementary Agreement Under M/R 3054 scheme And the employer has accepted the bid by The Contractor for the execution and completion of such works and remedying of any defects therein at a cost of rupees -1,65,11,962.00 (One Crore Sixty Five Lakh Eleven Thousand Nine Hundred Sixty Two Only)

**NOW THIS AGREEMENT WITNESSETH as follows :**

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract thereafter referred to, and they shall be form and be read and constructed as part of this agreement.
2. In consideration of the payments to made by the Employer to the Contractor as herein after mentioned, the contractor hereby covenants with Employer to execute and complete the works and remedy any defects therein in conformity I 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 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 constructed 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 condition of contract and general conditions of contract.
- (vi) Specifications
- (vii) Drawings
- (viii) Bill of Quantities and

  
11.07.2022  
Executive Engineer  
R.W.D. Works Division  
Belsand  
Rd  
11/07/22

Lal Baku Roy

(ix) Any other document listed in the contract Data as forming part the contract

In witness, where of the parties there to 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.

Lal Bahar Roy

  
Executive Engineer  
R.W.D. Works Division  
Belsand  
11.07.2022  
P. 33/03/22

# Supplementary Agreement

1. Supplementary Agreement No :- 82 (S-2) MBD / 2020-21 Dated-.....
2. Primary Agreement No :- 82 MBD/2020-21 Dated-19.09.2020
3. Name of Work :- Construction of Road With 5 Year maintenance from Package No-MR-N/2019-20 Belsand /03 Revised/ Supplementary Agreement Under M/R 3054 Scheme.  
**A. " Gadha To Dhanushi Path "**
4. Name of Agency :- Lal Babu Ray  
At- Nandpuri, Bhagwanpur, Muzaffarpur  
Distt- Muzaffarpur
5. Primary Agreement Value :-

A. Construction Cost :-	57,80,515.00
B. Maintenance Cost :-	<u>23,04,530.00</u>
Total :-	<u>80,85,045.00</u>
6. Deviation/ Variation Amount :-

A. Construction Cost :-	22,14,125.00
B. Maintenance Cost :-	<u>(-) 13,174.00</u>
7. Supplementary Agreement Value :- 22,00,951.00
8. Work Allotted Rate :- (0.69 % Below)
9. Total Agreement Value :-

A. Construction Cost :-	79,94,640.00
B. Maintenance Cost :-	<u>22,91,356.00</u>
Total :-	<u>1,02,85,996.00</u>
10. Performance Security Deposit :-
11. B.G. No. / Bank :-
12. The Employer shall retain S.D. of ( 8 % ) of the amount from each payment due to the contractor until completion of the whole of the construction work. No security deposit / retention shall be retained from the payment for routine maintenance of work.
13. Date of written order to commence :-
14. Time required for the work from date of written order to commence :-
15. Total No. of Items :-

Note : MBD Rules Terms and condition will be applicable.

*Lal Babu Ray*  
Contractor

*Signature*  
Executive Engineer  
R.W.D. Works Division  
Belsand

*Signature*  
31/07/22



# Supplementary Agreement

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2. Primary Agreement No :- 82 MBD/2020-21 Dated-19.09.2020
3. Name of Work :- Construction of Road With 5 Year maintenance from Package No-MR-N/2019-20 Belsand /03 Revised/ Supplementary Agreement Under M/R 3054 Scheme.

## **B. "Thumma To Khopnish Path "**

4. Name of Agency :- Lal Babu Ray  
At- Nandpuri, Bhagwanpur, Muzaffarpur  
Distt- Muzaffarpur

5. Primary Agreement Value :-	
A. Construction Cost :-	65,02,879.00
B. Maintenance Cost :-	27,92,901.00
Total :-	<u>92,95,780.00</u>

6. Deviation/ Variation Amount :-	
A. Construction Cost :-	48,46,691.00
B. Maintenance Cost :-	<u>(-) 87,321.00</u>

7. Supplementary Agreement Value :- 47,59,370.00

8. Work Allotted Rate :- (0.69 % Below)

9. Total Agreement Value :-	
A. Construction Cost :-	1,13,49,570.00
B. Maintenance Cost :-	27,05,580.00
Total :-	<u>1,40,55,150.00</u>

10. Performance Security Deposit :-

11. B.G. No. / Bank :-

12. The Employer shall retain S.D. of ( 8 % ) of the amount from each payment due to the contractor until completion of the whole of the construction work. No security deposit / retention shall be retained from the payment for routine maintenance of work.

13. Date of written order to commence :-

14. Time required for the work from date of written order to commence :-

15. Total No. of Items :-

Note : MBD Rules Terms and condition will be applicable.

*Lal Babu Ray*  
Contractor

*[Signature]*

Executive Engineer  
R.W.D. Works Division  
Belsand

*[Signature]*  
11.07.2022

*[Signature]*  
31/07/22

# Supplementary Agreement

1. Supplementary Agreement No :- 82 (S-2) MBD / 2020-21 Dated-.....
2. Primary Agreement No :- 82 MBD/2020-21 Dated-19.09.2020
3. Name of Work :-Construction of Road With 5 Year maintenance from Package No-MR-N/2019-20 Belsand /03 Revised/Supplementary Agreement Under M/R-3054 Scheme.  
**C. " Khanua Ghat To Morang Path "**
4. Name of Agency :- Lal Babu Ray  
At- Nandpuri, Bhagwanpur, Muzaffarpur  
Distt- Muzaffarpur
5. Primary Agreement Value :-

A. Construction Cost :-	42,55,840.00
B. Maintenance Cost :-	<u>18,38,672.00</u>
Total :-	<u>60,94,512.00</u>
6. Deviation/ Variation Amount :-

A. Construction Cost :-	57,05,871.00
B. Maintenance Cost :-	<u>(-) 1,52,211.00</u>
7. Supplementary Agreement Value :- 55,53,660.00
8. Work Allotted Rate :- (0.69 % Below)
9. Total Agreement Value :-

A. Construction Cost :-	99,61,711.00
B. Maintenance Cost :-	<u>16,86,461.00</u>
Total :-	<u>1,16,48,172.00</u>
10. Performance Security Deposit :-
11. B.G. No. / Bank :-
12. The Employer shall retain S.D. of ( 8 % ) of the amount from each payment due to the contractor until completion of the whole of the construction work. No security deposit / retention shall be retained from the payment for routine maintenance of work.
13. Date of written order to commence :-
14. Time required for the work from date of written order to commence :-
15. Total No. of Items :-

Note : MBD Rules Terms and condition will be applicable.

*Lal Babu Ray*  
Contractor

*Asst. Engr*  
Executive Engineer  
R.W.D. Works Division  
Belsand

*Asst. Engr*  
11.07.2022

*Prady*  
11/07/22

# Supplementary Agreement

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2. Primary Agreement No :- 82 MBD/2020-21 Dated-19.09.2020
3. Name of Work :- Construction of Road With 5 Year maintenance from Package No-MR-N/2019-20 Belsand /03 Revised/Supplementary Agreement Under M/R-3054 Scheme.

## **D. " Kowahi To Gidha Part-B "**

4. Name of Agency :- Lal Babu Ray  
At- Nandpuri, Bhagwanpur, Muzaffarpur  
Distt- Muzaffarpur

5. Primary Agreement Value :-

A. Construction Cost :-	1,10,91,185.00
B. Maintenance Cost :-	<u>41,44,289.00</u>
Total :-	<u>1,52,35,474.00</u>

6. Deviation/ Variation Amount :-

A. Construction Cost :-	40,06,957.00
B. Maintenance Cost :-	<u>(-) 8,976.00</u>

7. Supplementary Agreement Value :- 39,97,981.00

8. Work Allotted Rate :- (0.69 % Below)

9. Total Agreement Value :-

A. Construction Cost :-	1,50,98,142.00
B. Maintenance Cost :-	<u>41,35,313.00</u>
Total :-	<u>1,92,33,455.00</u>

10. Performance Security Deposit :-

11. B.G. No. / Bank :-

12. The Employer shall retain S.D. of ( 8 % ) of the amount from each payment due to the contractor until completion of the whole of the construction work. No security deposit / retention shall be retained from the payment for routine maintenance of work.

13. Date of written order to commence :-

14. Time required for the work from date of written order to commence :-

15. Total No. of Items :-

Note : MBD Rules Terms and condition will be applicable.

*Lal Babu Ray*  
Contractor

*Radwan*  
11.07.2022  
Executive Engineer  
R.W.D. Works Division  
Belsand

*Raj*  
13/07/22



Order Inviting Authority: Engg-in Chief RWD Patna

Name of Work: = Kovahi Se Gidha Path Part - B

Name Of Block = Rnni Saidpur

Contract No: Civil Works/

Bidder Name: Excess ( + ) %

SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable materials & stacking of serviceable materials to be used or auctioned upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150mm in thickness as per technical specification clause 201.1 and direction of E/I	1.20	ha	49496.70	Rupees Forty Nine Thousand Four Hundred Ninety Six And Paise Seventy Only	59396.04
2.00	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	2520.00	Cum	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only	445410.00
3.00	Construction of granular sub-base by providing well 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 smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	246.68	Cum	2201.04	Rupees Two Thousand Two Hundred One And Paise Four Only	542960.52
4.00	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	211.16	Cum	3990.98	Rupees Three Thousand Nine Hundred Ninety And Paise Ninety Eight Only	842751.30
5.00	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.	456.49	Cum	3679.48	Rupees Three Thousand Six Hundred Seventy Nine And Paise Forty Eight Only	1679634.47

Lal Bihari Ray

Executive Engineer  
R.W.D. Works Division  
Belsand  
11.07.22



Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
6.00	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.	6086.49	Sqm	41.05	Rupees Forty One And Paise Five Only	249850.50
7.00	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.	6607.74	Sqm	13.93	Rupees Thirteen And Paise Ninety Three Only	92045.85
8.00	Providing, laying and rolling of close-graded premix surfacing material of 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 wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509.	6607.74	Sqm	205.69	Rupees Two Hundred Five And Paise Sixty Nine Only	1359146.49
9.00	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.25 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	22406.25	Sqm	11.68	Rupees Eleven And Paise Sixty Eight Only	261705.00
10.00	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	560.16	Cum	10287.18	Rupees Ten Thousand Two Hundred Eighty Seven And Paise Eighteen Only	5762466.75
11.00	Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with	7.03	Cum	3679.48	Rupees Three Thousand Six Hundred Seventy Nine And Paise Forty Eight Only	25866.74

Lal Bahar Ray

Executive Engineer  
R.W.D. Works Division  
Belsand

21/07/22

No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
12.00	Construction of un-reinforced plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork ( steel channel, laying and fixing of 125 micron thick plythene film, wedges, steel plates including levelling the formwork as per drawing ) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/ culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	15.00	Cum	7445.01	Rupees Seven Thousand Four Hundred Forty Five And Paise One Only	111875.15
13.00	Reinforced cement concrete M15 grade kilometre 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. i) km Stone	7.00	nos	2357.73	Rupees Two Thousand Three Hundred Fifty Seven And Paise Seventy Three Only	16504.11
14.00	200 m Stone	24.00	nos	640.73	Rupees Six Hundred Forty And Paise Seventy Three Only	15377.52
15.00	Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation 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 Specification Clause 1701.	1.92	Sqm	12397.56	Rupees Twelve Thousand Three Hundred Ninety Seven And Paise Fifty Six Only	23803.32
16.00	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens	48.00	nos	3578.26	Rupees Three Thousand Five Hundred Seventy Eight And Paise Twenty Six Only	171756.48
17.00	600 mm circular	8.00	nos	3788.27	Rupees Three Thousand Seven Hundred Eighty Eight And Paise Twenty Seven	30306.16
18.00	600 mm x 450 mm rectangular	18.00	nos	3659.15	Rupees Three Thousand Six Hundred Fifty Nine And Paise Fifteen Only	65864.70
19.00	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	204.00	nos	509.46	Rupees Five Hundred Nine And Paise Forty Six Only	103929.84

Lal Bahu Roy

Signature

Executive Engineer

R.W.D. Works Division

Belsand

11.07.2022



Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
20.00	Printing new letter and figures of any shade with synthetic enamel paint black or any other approved colour to give an even shade as per drawings and Technical Specification Clause 1701	1496.00	per	0.51	Rupees And Paise Fifty One Only	762.96
21.00	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year.	299.00	Each	800.30	Rupees Eight Hundred And Paise Thirty Only	239289.70
22.00	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 Edge For BT Portion	1195.00	Sqm	735.40	Rupees Seven Hundred Thirty Five And Paise Forty Only	878803.00
23.00	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	4.00	nos	9406.17	Rupees Nine Thousand Four Hundred Six And Paise Seventeen Only	37624.68
24.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	48.96	Cum	5756.91	Rupees Five Thousand Seven Hundred Fifty Six And Paise Ninety One Only	281858.31
25.00	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	342.72	Sqm	175.15	Rupees One Hundred Seventy Five And Paise Fifteen Only	60027.41
26.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	995.52	Sqm	95.63	Rupees Ninety Five And Paise Sixty Three Only	95201.58
Total Estimated Cost in Figures						1,34,54,020.58
1% Labour						1,34,540.21
12% GST						16,14,482.47
Quoted Amount A)						1,52,03,043.26

Lal Bahar Roy

*Ratnak*  
11.07.2022  
Executive Engineer  
R.W.D. Works Division  
Belsand  
21/07/22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
27.00	Maintenance for 1st year	1.00	Year	357823.00	Rupees Three Lakh(s) Fifty Seven Thousand Eight Hundred Twenty Three Only	357823.00
28.00	Maintenance for 2nd year	1.00	Year	539520.50	Rupees Five Lakh(s) Thirty Nine Thousand Five Hundred Twenty And Paise Fifty Only	539520.50
29.00	Maintenance for 3rd year	1.00	Year	892484.00	Rupees Eight Lakh(s) Ninety Two Thousand Four Hundred Sixty Four Only	892484.00
30.00	Maintenance for 4th year	1.00	Year	684865.50	Rupees Six Lakh(s) Eighty Four Thousand Eight Hundred Sixty Five And Paise Fifty Only	684865.50
31.00	Maintenance for 5th year	1.00	Year	1210323.00	Rupees Twelve Lakh(s) Ten Thousand Three Hundred Twenty Three Only	1210323.00
Total Estimated Cost In Figures						36,84,996.00
1% Labour						36,849.96
12% GST						4,42,199.52
Maintenance Quoted Amount (B)						41,64,045.48
Quoted Amount (A+B)						1,93,67,088.74
Quoted Rate in Words						1,93,67,088.74
Rupees One Crore Ninety Three Lakh(s) Sixty Seven Thousand Eighty Eight And Paise Seventy Four Only						

less (-) 0.69% = 1,92,33,455 =

Prithvi  
7/6/2022  
EE

आमोका काज विभाग के पत्रांक मुठ ३० - ५ (मुठ) - ३०५५ - ०५ - १९५/२०२१ - २०३९, दि. ०५ - ०५ - २०२२ द्वारा प्राप्त पुनरीक्षित प्रशासनिक स्वीकृति एवं मुख्य अभियंता के पत्रांक - मुठ ३० - ३ तः (वी० - ०५ - ६५/२२ - १८२ अनु० दिनांक ०६-०६-२०२२ द्वारा पुनरीक्षित तकनीकी स्वीकृति प्राप्त होने के उपरान्त एकराशि दर (-०.६९%) पर पुनरीक्षित परिमाण विषय की स्वीकृति रुपये ₹ १९२,३३,४५५.०० (एक करोड़ बीस लाख बिराने बारह हजार न्याय सा पचपन बराने) मात्र पर विभागीय निम्नो एवं शाखी के आधार पर प्रदान की जाती है।

06/7/22

Lal Bahar Roy

11/7/22  
Executive Engineer  
R.W.D. Works Division  
Belsand  
21/8/22