

S.E. RWD (W) Circle Motihari, Letter No. 1370(373)/Dated 12-09-2024

Supplementary M.B.D. No. :- 53MBD/2019-20 (S)
2024-25

Name Of Contractor – Brahonia Engicon Pvt. Ltd.,
At- Chandrakanta Complex,
Rajiv Nagar, Patna

Name of Work – MR-N/19-20 Motihari/02 Under Scheme MR-3054
(1. Motihari Chhauradano PWD road pirauli more
to Jhitkahian)

Construction Cost – ~~Rs. Rs. 7895043.00 (Seventy eight lakh ninety five
thousand forty three only)~~

*Rs. 7855567.00 (Seventy eight Lacs fifty five
thousand five hundred sixty seven) only*

Maintenance Cost – Rs. 00

Agreement Value → ~~Rs. 7895043.00 (Seventy eight lakh ninety five
thousand four hundred sixty seven) only~~
*Rs. 7855567.00 (Seventy eight Lacs fifty five
thousand five hundred sixty seven) only*

Performance Security- *B.G. No. 01420100002275, Rs. 4,10,000/-*
1 Lacs ten thousand only

Rate – 0.50% Below

Date of Work Order-... 13-09-2024 to 12-10-2024

Item of Work- 1 to 66

Brahonia Engicon Pvt. Ltd.
Chancha Shekhar
MD / Director

May 19/24

Smt
19/9/24
Executive Engineer
R.W.D. (W) Division
722 Motihari
19-09-24



बिहार BIHAR

क्र. ७४६५ - १२-०९-२०१९ - १००० AY 046749

क्रेता का नाम एवं पता

Total Agin Amount Rs. 61755545 :-
 Private Agin Amount Rs. 53899978 :-
 Balance At Rs. 7855567 :-

करिमिया हुंजी जॉन फ़रुखिओ
 राजिव नगर
 57/90, समाहरणालय, पटना

Agreement

Agreement No:- 53/2019-20 (S) Supplementary Agreement No- 2024-25 19.H

This Agreement made on 19.08.2019 Between The Executive Engineer, Rural Works Department, Works Division, Motihari, of the one part Brahonia Engicon Pvt. Ltd., At- Chandrakanta Complex, Rajiv Nagar, Patna the hereinafter called the Contractor the other part.

Whereas the Employer is desirous that the Contractor execute Output and performance based Rural Road contract for the maintenance of Roads MR-N/19-20 Motihari/02 Under MR-3054. (herein after called "The Works") and the Employer has accepted the Bid by the Contractor for the execution of such Works and the remedying of any defects therein, at a contract price of Rs. 7855567.00 (Seventy eight lakh fifty five thousand forty three only) five hundred sixty seven only.

S.No.	Package No.	Road Name	Length [Km]
1	MR-N/19-20 Motihari/02	Motihari Chhauradano PWD road pirauli more to Jhitkahian	13.00

NOW THIS AGREEMENT WITNESSETH and the Parties hereto agree as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the General condition hereafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.

Barhonia Engicon Pvt. Ltd.
 Chandrakanta Shobhan
 MD / Director

19/9/24
 Executive Engineer
 R.W.D. (W) Division
 Motihari
 19.09.24

मुख्य अभियंता-5 का कार्यालय
ग्रामीण कार्य विभाग, बिहार, पटना

पटना दिनांक - 16-9-24

पत्रांक:- II/मु0अ0-3,त0स्वी0-7-207/2023 24063/3

प्रेषक,

मुख्य अभियंता-5,
ग्रामीण कार्य विभाग,
बिहार, पटना।

सेवा में,

अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मोतिहारी।

विषय:-शीर्ष 3054 योजना अन्तर्गत कार्य प्रमंडल, मोतिहारी के अधीन प्राप्त 01 अदद पथ के प्राक्कलन पर पुनरीक्षित तकनीकी स्वीकृति प्रदान करने के संबंध में।

प्रसंग:-अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, ग्रामीण कार्य विभाग, बिहार, पटना का पत्रांक-1157 अनु0 दिनांक-05.09.2024

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, मोतिहारी के अधीन स्वीकृत पथ के प्राक्कलन पर विभागीय पत्र में दिये गये निदेश के आलोक में पुनरीक्षित तकनीकी स्वीकृति प्रदान कर लौटाया जा रहा है। विभागीय पत्रांक-1157 अनु0 दिनांक-05.09.2024 द्वारा मद विचलन एवं नए मद की स्वीकृति दिनांक-16.08.2024 को विभागीय निविदा समिति द्वारा प्राप्त है। जिसकी विवरणी निम्न है:-

Sl. No	Name of Division	Name of Scheme	Length (in KM)	Department Ref Lett. No./Date	A.A. Amount (in Lakh) Construction Cost & Maintenance Cost	Revised T.S. Amount (in Lakh) (At. Agmt. Rate)
1.	Motihari	Motihari Rulahi PWD To Padoliya	2.200	5248/04.10.19	86.4189	95.64

- निर्माण कार्य 3054 योजना की मार्गदर्शिका के अनुरूप किया जाएगा।
- स्वीकृत प्राक्कलन की जाँच अधीक्षण अभियंता, अपने स्तर से कर लेंगे यदि किसी प्रकार की संशोधन की आवश्यकता हो, तो मुख्यालय को सूचित करेंगे।
- समर्पित किए गए प्राक्कलन की तकनीकी स्वीकृति इस आधार पर दी जाती है कि प्रस्तुत किए गए प्राक्कलन वास्तविक कार्य स्थल के निर्माण के लिए कार्य स्थल के अनुरूप तैयार की गई है, जिसमें पथ एवं पुल निरूपण सम्बंधित सारी आवश्यकता पूरी कर ली गई है।
- अधीक्षण अभियंता, पथों का निरीक्षण प्रतिवेदन एवं कार्यों के संबंध में समीक्षात्मक टिप्पणी मुख्यालय को 5वीं तिथि को उपलब्ध कराना सुनिश्चित करेंगे।
- पुनरीक्षित प्राक्कलन के नये मदों का दर प्राथमिक एकरारनामा के दर से निर्धारित होगी, जिसका तात्पर्य यह है कि प्राथमिक एकरारनामा के समय सक्षम पदाधिकारी द्वारा अनुमोदित दर अतिरिक्त मद की दर के लिए मार्गदर्शक होगी। यह उससे कम हो सकती है किन्तु किसी भी परिस्थिति में यह प्राथमिक एकरारनामा की दर से अधिक नहीं होगी। प्राक्कलन की स्वीकृति दरों की स्वीकृति नहीं समझी जाये।
- पुनरीक्षित प्राक्कलन का दर मूल एकरारनामा के दर के समान होगा तथा नया मद का दर भी मूल एकरारनामा के दर पर आधारित होगा।

Barhonia Engicon Pvt. Ltd.

Chandra Shekhar,

MD / Director

Shruti
19/9/24
Executive Engineer
R.W.D. (W) Division
Motihari

अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल, मोतिहारी
पत्रांक 1370 (अनु०) मोतिहारी, दिनांक 12/09/2024

प्रेषक :-

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल मोतिहारी

प्रेषा में :-

कार्य पालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल मोतिहारी

विषय :-

ग्रामीण कार्य विभाग, कार्य प्रमंडल मोतिहारी के अधीन MR-3054 अन्तर्गत पथ के पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस करने के सम्बन्ध में।

संदर्भ :-

आपका पत्रांक-1703 अनु० दिनांक-03.09.2024

संदर्भ :-

उपरोक्त विषयक प्रासांगिक पत्र द्वारा प्राप्त ग्रामीण कार्य विभाग, कार्य प्रमंडल मोतिहारी के अधीन MR-3054 अन्तर्गत निम्नलिखित पथ का पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त वापस किया जाता है।

क्र.सं.	पथ का नाम	लम्बाई (कि०मी०में)	पुनरीक्षित परिमाण विपत्र की राशि (लाख में)
1	Motihari Chhauradano PWD road Pirauli More to Jhitkahian	13.000	78.95043

अनु- प्रेषक :-

विश्वासभाजन

Barhonia Engicon Pvt. Ltd.

Chander Shekhar

MD / Director

अधीक्षण अभियंता

ग्रामीण कार्य विभाग,
कार्य अंचल, मोतिहारी

Executive Engineer

R.W.D. (W) Division

मोतिहारी
19.09.24

REVISED BOQ

Tender Inviting Authority :-

Name of Work :- MR-N/19-20 Mothari/02

District :- East Champaran

Bidder Name

Length of Road- 13.000 Km

PRICE SCHEDULE

Sl no	Description	Quantity	Unit	Estimated Rate (In Rs)	Amount (In Rs)	Remarks
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Mothari Charuradano PWD Road Piruli More To Jhikahiya

1 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 unuseable 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

0.000

Ha

49496.70

0.00

Class 201.1 and direction of E/I

2 Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per Technical Specification Clause 301.4

0.000

Sqm

15.40

0.00

Technical Specification Clause 301.4

3 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

2344.000

Cum

176.47

413645.68

4 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. GRADING - II

219.330

Cum

2023.70

443858.12

5 With stone roller in stages to proper grade and compact, applying and spreading, in uniform layers, hand parking, rolling with three wheel roller appropriate of specific sizes to water bound macadam specification including

266.120

Cum

1631928.00

467733.30

Barhonia Engicon Pvt. Ltd.

Chanchu Shekhar

MD / Director

Executive Engineer
R.W.D. (W) Division

Mothari

Sl. No.	Description	Quantity	Unit	Estimated Rate (in Rs.)	Amount (in Rs.)	Remarks
6	WBM GRADING - III - 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.	394.940	Cum	3363.94	1328554.46	
7	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.	5265.860	Sqm	41.15	216690.14	
8	MINI SEAL SURFACING - Providing, laying, and rolling of close-graded premix surfacing material of 20 mm thickness composed of 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 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 hydraulic broom as per technical specification clause 503.	5265.840	Sqm	198.93	1047533.55	
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 hydraulic broom as per technical specification clause 503.	2528.340	Sqm	13.95	35270.34	
10	Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 4.3 grade cement or any other type as per Clause 1501.2.2 M 25 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weight batcher using approved mix design, laid in approved fixed side formwork, spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous joints, applying debonding strips, of contraction and expansion, construction joints, applying 100-120 Tph of providing and laying semi dense bituminous concrete with 100-120 Tph of batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, procured with bituminous binder 60/45 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic power 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 M&T III specification clause	363.600	Cum	6962.26	2531477.74	
11	with a hydrostatic power 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 M&T III specification clause	0.000	Cum	12914.20	0.00	

Barhonia Engicon Pvt. Ltd.

Chandras Shekhra
Director

19/11/24
Executive Engineer
R.W.D. (W) Division

22/11/24
19.09.24

19/11

Sl no	Description	Quantity	Unit	Estimated Rate (In Rs)	Amount (In Rs)	Remarks
12	5th KM Stone - 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.	0.000	No.	4089.92	0.00	
13	KM Stone - 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.	0.000	No.	2514.95	0.00	
14	200 M Stone - 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.	0.000	No.	667.59	0.00	
15	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 below ground level as per approved drawing and Technical Specification Clause 1701.	0.000	Sqm	13118.44	0.00	
16	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 (For culverts)	0.000	Sqm	96.40	0.00	
17	600 mm equilateral & triangle - Providing and fixing of retro-reflectorised cautionary, mandatory and informative 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 below ground level as per drawings and Technical Specification Clause 801	0.000	Nos	3755.76	0.00	

APPROVED
S E

Barhonia Engicon Pvt. Ltd.
Chandras Shekhar
MD / Director

5/6

19/9/24
Executive Engineer
R.W.D. (W) Division
19/09/24

Sl no	Description	Quantity	Unit	Estimated Rate (In Rs)	Amount (In Rs)	Remarks
18	600 mm circular - 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 below ground level as per drawings and Technical Specification Clause 801	0.000	Nos	5069.78	0.00	✓
19	600 mm x 450 mm rectangular - 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 below ground level as per drawings and Technical Specification Clause 801	0.000	Nos	4368.04	0.00	✓
20	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	0.000	per cm height per letter	0.50	0.00	✓
21	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, and maintaining the saplings, backfilling the trench, watering, fixing the tree guard	0.000	Each	800.30	0.00	✓
22	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.	0.000	Sqm	742.75	0.00	✓
23	Providing and fixing of typical MMSY 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	0.000	No.	11437.20	0.00	✓

Barhonia Engicon Pvt. Ltd.

Chandras Shekhar

MD / Director

Executive Engineer
R.W.D. (W) Division

19/9/24
22/9/24
15/10/24

	Description	Quantity	Unit	Estimated Rate (In Rs)	Amount (In Rs)	Remarks
24	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	0.000	cum	6070.48	0.00	
25	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	0.000	sqm	178.97	0.00	
26	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	0.000	sqm	108.98	0.00	
27	Add Labour Cess @ 1 %		RS		69867.63	
28	Add GST @ 12 %		RS		838411.60	
	TOTAL OF CONSTRUCTION PART (A) =		RS		7895043	
29	1st Year Maintenance Cost	0	Year	1088100.00	0.00	
30	2nd Year Maintenance Cost	0	Year	1527300.00	0.00	
31	3rd Year Maintenance Cost	0	Year	3655600.00	0.00	
32	4th Year Maintenance Cost	0	Year	1899800.00	0.00	
33	5th Year Maintenance Cost	0	Year	3914300.00	0.00	
34	Add Labour Cess @ 1 %		RS		0.00	
35	Add GST @ 12 %		RS		0.00	
36	TOTAL MAINTENANCE COST (B) =		RS		0.00	
37	TOTAL COST OF CONSTRUCTION AND MAINTENANCE (A+B) =		RS		7895043	
65	Less 0.50% As Per Agreement =	Less (-)	RS		-39475	
66	Grand Total =		RS		7855567	

Barhonia Engicon Pvt. Ltd.
 Chandra Shekhar
 MD / Director

Amr 19/9/24
 Executive Engineer
 R.W.D. (W) Division

Ajay Kumar
 19/3

60.61
 22/2/24

Reviewed

1.00 Approved for Construction Cost 'PART-A' Sl. No. 1 To 28 for
₹ 3895043.92 Crores Seventy Eight
Ninety Five Thousand hundred forty Three only
And maintenance Cost 'PART-B' of Rs. 0.00
Crores Lacs Thousand
hundred only)

SE (RWD)
11/09/24
W. R. D. Circle

Barhonia Engicon Pvt. Ltd.
Chandras Shekhar
MD / Director

Shub
19/09/24
Executive Engineer
R.W.D. (W) Division

Ajay
19/9

22/09/24
19/09/24
Mothari