

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये
रु.1000

ONE THOUSAND RUPEES

Rs.1000



प्रति कलूचन वरीय या, ११/६ AS 586252

1000X171810 / Sanjay Kumar Yadav
SANJAY KUMAR YADAV
STAM-VENDOR
BANKA COURT
L.N.-02/93

**REVISED
AGREEMENT**

In lieu of original agreement No. 15 MBD/81/23.....

This agreement, made the 16th day of July 2024 Between The Executive Engineer R.W.D. Works Division, Banka-41 Bihar (here in after called "the Employee") of the one part, and Prince Construction, Barnauli, Simrattala, Dist. Jamui, Bihar (MB ID-471086) (here in after called "the Contractor" of the other part. Whereas the employer was desirous that the contract or execute the Construction of Road from (i) Katoriya Belhar PWD Road to Ingra To Mathura PMGSY Road (ii) Katoriya Simrattala Road To Ratanpur (MB-N/20-21 Banka-2/02) Year 2020-2021 under Head 3054 MR Yojna, (Tender ID-110882) Block- Chaudan, Katoriya, District-Bank, Bihar under Rural Works Department Govt. of Bihar, Chief Engineer-3 Pura Letter No. 4257 (Attach) Dated 21.10.2021 and the Employer had accepted the Bid by the contractor for the execution and completion of Such works and the Residue maintenance of works for Five Years of the Contract Price remedying of any defects therein, at Construction Cost Rs. 34179789.00 & Maintenance Cost Rs. 10454621.00 with a Total Amount of Rs. 446,34,410.00 (Rupees Four Crore Forty Six Lacs Thirty Four Thousand Four Hundred Ten Only) at bidder rate quoted 1.0% (One point Zero Percent) below the estimated Cost. Now that (due to revision of C.S.T. rate from 12% to 18%) the original agreement with all details and terms and conditions is being revised, vide S.E. Bhagalpur circle Letter No.-61 (Genl) dated 28.06.2024, with Revised construction Cost of Rs. 35979045.00 Maintenance cost of Rs. 11009957.00 and the total cost of the agreement is now Rs. 46988002.00 (Rs Four Crore Sixty Nine Lacs Eighty Eight Thousand Two only), Hence the net increase in cost due to revised agreement is Rs. 23,53,592/- (Rs. Twenty Three Lacs Fifty Three Thousand Five Hundred Ninety Two only) which constitute the agreement value of this revised agreement. All the conditions of original Agreement will remain unchanged and will be in force with this revised agreement. The revised B.O.C. will make the part of this agreement.

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महेश्वरी

11/3/24
EXECUTIVE ENGINEER
R.W.D. (W) Division
Banka-2

ABSTRACT

PACKAGE NO.-MR-N/20-21 BANKA-2/02

क्रम	प्रकृत	कार्य का नाम	लंबाई (मीटर/मी)	प्रस्तावित रकम (लाख में)	एकत्रित रकम (लाख में)	पुनर्निर्माण महामात्र विभाग की रकम (लाख में) <i>1) Ratanpur 2) per of Ratanpur</i>
1	CHANDAN	KATORIYA-BELHAR PWD ROAD TO BAGRA TO MATHURA PMGSY ROAD UNDER 3054/MR	5.460	210.318	219.83311	<i>230.84</i> 231.42546 <i>231.42</i>
2	KATORIYA	KATORIYA- SIMULTALA ROAD TO RATANPUR UNDER 3054/MR	5.400	223.066	226.51099	<i>237.8584</i> 238.45459 <i>238.45</i> <i>239.88</i>
TOTAL			10.860	433.383	446.3441	469.88005

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469.88

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R.W.D. (W) Division
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**अधीक्षण अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य अंचल, भागलपुर।**

E-mail ID: ee@bharatnagar.org

Mobile No. 8986915214

पत्रांक: 61/3130 /भागलपुर दिनांक: 28-06-24

प्रेषक: ई० मन्दहारा कुमार
अधीक्षण अभियंता

सेवा में: कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, बीका-2

विषय :- शीर्ष MR-3054 योजनागत स्वीकृत योजनाओं में GST दर 12% से 18% बढ़ोतरी के कारण पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग :- आगका पत्रांक-1533 अंक दिनांक-21.06.2024।

संदर्भ:-

उपर्युक्त विषयक प्रारंभिक पत्र से संबंधित आपके प्रमंडलाधीन शीर्ष MR-3054 योजनागत स्वीकृत निम्नलिखित पथों के परिमाण विपत्र में प्रस्तावित GST की दर 12% से 18% करते हुए पुनरीक्षित परिमाण विपत्र अनुमोदनापरांत अग्रतर कारवाई हेतु प्रेषित की जा रही है, जो निम्न है:-

S.N.	Block	Name of Work	Length (In Km)	A.A Amount (In Lakh)	BOQ Amount (Rs.)	Revised BOQ Amount (Rs.)
1	Chandau	Katariya-Bellur Post Road To Bagra To Mathura PMGSY Road Under MR-3054	5.469	310.318	2,20,38,408.00	2,31,42,546.00
2	Katariya	Katariya Simultala Road To Katariya Dader MR-3054	5.400	323.065	2,27,07,868.00	2,38,45,459.00

कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बीका-2, मुद्रांकन करने से पूर्व आवश्यक हो लेने के संवेदक द्वारा 18% GST का अनुमान किया गया है।

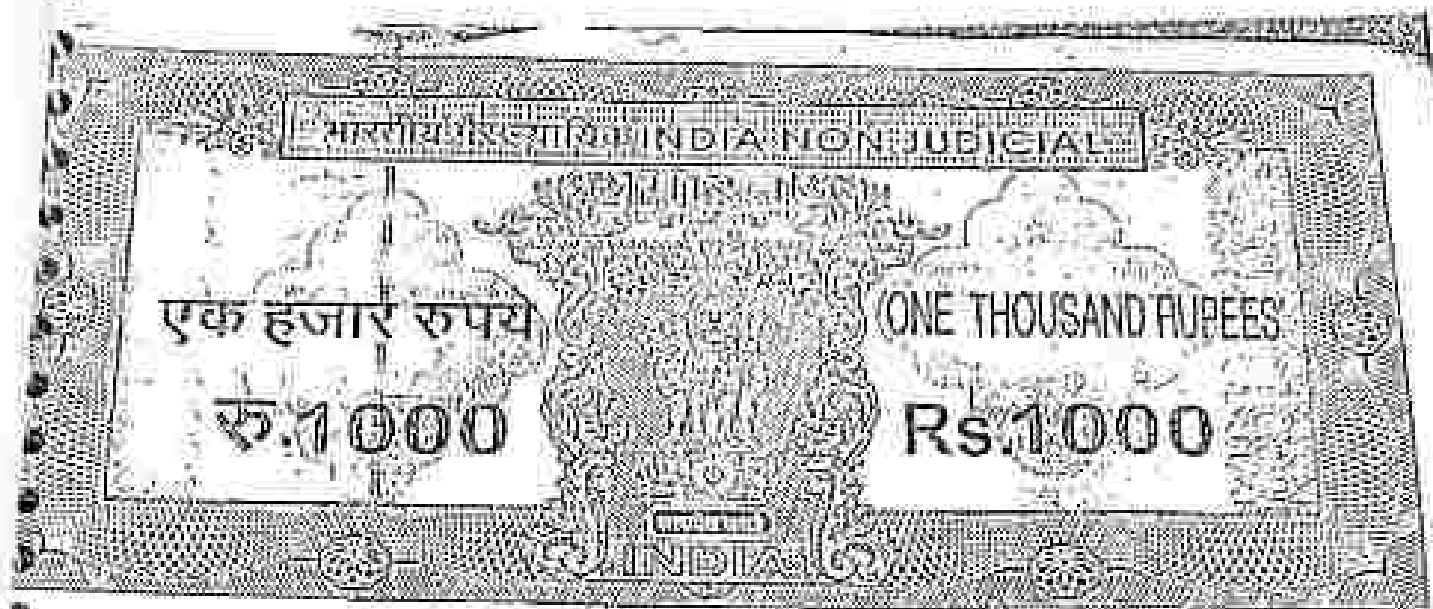
अनु०:- मधोक्ता।

विश्वासभाजन

अधीक्षण अभियंता
ग्रामीण कार्य विभाग,
कार्य अंचल, भागलपुर।

EXECUTIVE ENGINEER
R.W.D (W) Division
Barka-2

Note: old BOQ does appear in letter without bold as per agreement. Whereas in New and final is after bold as per agreement.



WEST BIHAR

1103
23/12/21

(प्रति कलकत्ता 90/राम/43/2021)

AK 367710

AGREEMENT



The agreement, made this 4th day of Dec 21. Between Shri. Ramesh Chandra Singh Engineer R.W.D. Works Division, Banka-11 Bihar (name and address: श्री रामचंद्र सिंह) (here is after called "the Employee") of the one part and Prince Bagnathia Bagnathia, Simartalla, Dist. Jamsal, Bihar (BID ID-471086) (here is after called "the Contractor" of the other part. Whereas the employer is desirous that the contract execute the Construction of Road from (i) Katoriya Belhar PWD Road to Gogri Tq. Mathura PMGSY Road (ii) Katoriya Simartalla Road To Katanpur (MIS- N/20-21 Banka-2/02) Year 2020-2021 under Head 3054 MH-Vojan, (Tender ID- 110882) Block-Chaudan, Katoriya, District-Bankha, Bihar (here is after called the agreement under Rural Works Department Govt. of Bihar, Engineer-in-Chief, Patna Letter No. 4257 (A) dated 21.10.2021 and the Employer has accepted the bid by the Contractor for the execution and completion of such works and the Roadre requirement of works for Five Years of the Contract Price remedying of any defect therein, at Construction Cost Rs. 34179789.00 & Maintenance Cost Rs. 10454621.00 with a Total Amount of Rs. 4,46,34,410.00 (Rupees Four Crore Forty Six Lacs Thirty Four Thousand Four Hundred Ten Only) at bid price quoted 0.15 % below the estimated Cost. (i) PD AC No-53040101179033 dated 17.03.2020 to 13.03.2021 Rs. 1100000 (ii) PD AC No-53040101179038 dated 17.03.2020 to 13.03.2021 Rs. 1300000 (iii) PD AC No-53040101179039 dated 17.03.2020 to 13.03.2021 Rs. 600000 (iv) PD AC No-4024000101 dated 19.03.2021 to 19.03.2021 Rs. 300000. Total Rs. 1240000. (Rupees Twelve Lacs Four Thousand only) Corporation Bank, Bhatnagar. The Commencement of work is on 04.12.21 and Completion is upto 03.12.22. To be done by the

21/12/21

EXECUTIVE ENGINEER
R.W.D. (W) Division
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**BIHAR RURAL ROADS DEVELOPMENT AGENCY
(GOVERNMENT OF BIHAR)**

BID DOCUMENT

FOR

**CONSTRUCTION AND MAINTENANCE OF RURAL
ROADS**

**Scheme Head-MR (3054) Under Bihar Rural Road Maintenance
Policy 2018 (MR-N/20-21 Banka-2/02)**

DISTRICT: BANKA

BLOCK: Chandan, Katoriya

Name of Road	Length In (km)	Cost of Const. (Rs. in Lakhs)	Maintenance Cost (Rs. in Lakhs)	Total Cont. and Maint. (Rs. in Lakhs)	Bidder Rate Below
Katoriya Belliar PWD Road to Bagra To Mathura PMGSY Road 3054/MR	5.460	16629066.00	5354245.00	21983311.00	0.25%
Katoriya Simultala Road To Ratanpur under 3054/MR	5.400	17550723.00	5100376.00	22651099.00	0.25%
Total	10.860	34179789.00	10454621.00	44634410.00	


Divisional Engineer, Officer
R.W.D. (W) Division,
Banka-2

EXECUTIVE ENGINEER
R.W.D. (W) Division
Banka-2


Executive Engineer
R.W.D. (W) Division
Banka-2



EXECUTIVE ENGINEER
R.W.D. (W) Division
Banka-2

REVISED BOQ

RWD WORK DIVISION BANKA-2

NAME OF ROAD:- KATORIYA- BELHAR PWD ROAD TO BAGRA TO MATHURA PMGSY ROAD

PACKAGE No:- MR-N20.21 BANKA-202

BLOCK-CHANDAN DIST:- BANKA

Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT ₹.000	TOTAL AMOUNT In Words
1	Cleaning and Grubbing Road Land (By manual means) including weeding 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 1000m 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	3	5	6	6	7
1		1.090	Hect	53879.82	58725.00	Rupees FiftyEight Thousand Seven Hundred TwentyNine Only
2	Scrapping Existing Bituminous Surface to a Depth of 150 mm and disposal disposal of scrapped materials with a lift upto 3m and lead upto 1000m as per technical specification clause 301.4	187.500	Sqm	15.79	2960.53	Rupees Two Thousand Nine Hundred Sixty Paise SixtyThree Only
3	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with width and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 200.2 with lead upto 1000 m as per Technical Specification Clause 303.1	4914.00	Cum	191.82	942803.48	Rupees Nine Lakh FortyTwo Thousand Six Hundred Three Paise FortyEight Only
4	GSS grading II Material -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 road roller at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	92.98	Cum	1132.09	176707.62	Rupees One Lakh SeventySix Thousand Seven Hundred Seven Paise SixtyTwo Only

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EXECUTIVE ENGINEER
R.W.D. (W) Division
BANKA-2

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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
5	WBM Grading 2 - 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 40-100 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.	92.66	Cum	3755.50	34735.03	Rupees Three Lakh Nineteen Thousand Seven Hundred ThirtySix Paise Three Only
6	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 406.	155.39	Cum	3488.48	540558.01	Rupees Six Lakh EightyThree Thousand Five Hundred FiftyEight Paise One Only
7	Prime Coat (Low Porosity-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 2.70- 1.5 kg/sqm using mechanical means as per Technical Specification	2230.00	Sqm	41.52	92597.60	Rupees NinetyTwo Thousand Five Hundred NinetySeven Paise Ninety Only
8	Mix Seal Surfacing Providing- laying and rolling of class-graded porous surfacing material of 20 mm thickness composed of 11.2 mm to 0.6 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 508.	2230.20	Sqm	193.23	430541.56	Rupees Four Lakh Thirty Thousand Nine Hundred FortyOne Paise FiftyFive Only
9	TACK COAT- 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 hydoc broom as per technical specification clause 503.	16016.70	Sqm	14.17	226958.64	Rupees Two Lakh TwentySix Thousand Nine Hundred FiftySix Paise SixtyFour Only

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EXECUTIVE ENGINEER
RAWD. (W) Division
Banka-2

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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
10	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HVP 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	304.66	Cum	5729.67	3353428.06	Rupees ThirtyThree Lakh FiftyThree Thousand Four Hundred TwentyEight Paise Six Only
11	Cement Concrete Pavement- 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 0.20cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene 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 1507	1124.85	Cum	5851.13	6581643.58	Rupees SixtyFive Lakh EightyOne Thousand Six Hundred FortyThree Paise FiftyEight Only
12	5th km stone	2	No.	3677.07	7355.94	Rupees Seven Thousand Three Hundred FiftyFive Paise NinetyFour Only
13	6th km stone	4	No.	2228.99	8915.96	Rupees Eight Thousand Nine Hundred Fifteen Paise NinetySix Only
14	200 m stone	23	No.	609.01	14007.23	Rupees Fourteen Thousand Seven Paise TwentyThree Only


 EXECUTIVE ENGINEER
 ROAD, (W) Division
 Baitla-2

Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
15	Direction and place identification signs- Providing and erecting direction and place identification retro-reflective sign as per IRC-67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick, in 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 M15 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.	1.020	Sqm	12311.67	12638.98	Rupees Twenty Three Thousand Six Hundred ThirtyEight Paise NinetyEight Only
16	Painting on Parapet Wall - 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	14.080	Sqm	102.36	1439.82	Rupees One Thousand Four Hundred ThirtyNine Paise EightyTwo Only
17	Traffic sign - Providing and fixing of retro-reflectomised catenary, 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, 600 mm below ground level as per drawings and Technical Specification Clause 501.	24	No.	3448.82	82753.68	Rupees EightyTwo Thousand Seven Hundred TwentyThree Paise SixtyEight Only
18	500 mm equilateral & triangle	24.00	No.	4696.47	112715.28	Rupees One Lakh Twelve Thousand Seven Hundred Fifteen Paise TwentyEight Only
19	500 mm x 450 mm rectangular	16.00	No.	3381.53	53710.72	Rupees SixtyThree Thousand Seven Hundred Ten Paise SeventyTwo Only
20	Providing and laying number strip with road studs and thermoplastic compound with Reflectorsing glass beads on bituminous surface (Thermoplastic Paint)	0.00	Sqm	729.30	0.00	2800




 EXECUTIVE ENGINEER,
 R.W.D. (W) Division
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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taka	TOTAL AMOUNT in Words
21	BOUNDARY PILLAR / GUARD POST: Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC 25, fixed in position including finishing and painting but excluding painting as per drawing and Technical Specification Clause 1704	18.00	No	520.05	4208.40	Rupees Four Thousand Two Hundred Eight Paise Forty Only
22	Painting 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	176.00	per cm height per letter	53.04	9336.67	Rupees NinetyFive Paise Four Only
23	Planting of Trees and their Maintenance for one Year: Planting of trees by the road side (Avenue trees) in 2.50 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	182.00	No	855.50	155701.00	Rupees One Lakh FiftyFive Thousand Seven Hundred One Only
24	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC 34. The finished surface to be level, uniform and free from streaks and holes. (ST)	720.00	Sqm	723.20	520857.60	Rupees Five Lakh Thirty Thousand Eight Hundred FiftySeven Paise Six Only
25	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting 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. (PCC)	364.00	Sqm	831.20	299836.80	Rupees Two Lakh NinetyNine Thousand Eight Hundred TwentySix Paise Eighty Only


 EXECUTIVE ENGINEER
 R.W.D. (W) Division
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Dr. Arun Kumar

Sr. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Tones	TOTAL AMOUNT In Words
26	Providing and fixing of typical M/R informatory sign board with Logo as per MORD specifications and drawing. Three MS plates of 1.6 mm thick x 300 and middle plate duly welded with MS flat iron 25mm x 5mm size on back on edges. The lower plate will be welded with MS angle iron flat and of 25mm x 25mm. 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 in M15 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 store end treated 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 and Appendix 1700.1	3.00	Nos	12885.73	38657.19	Rupees ThirtyEight Thousand Six Hundred FiftySeven Paise Nineteen Only
27	Brick masonry work in cement mortar 1:3 in painted excluding pointing and plastering as per drawing and technical specifications Clauses 603, 900 and 1203.4	8.64	cum	6413.18	55409.68	Rupees FiftyFive Thousand Four Hundred Nine Paise EightyEight Only
28	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	60.48	SQM	150.68	9108.29	Rupees Nine Thousand One Hundred Eight Paise TwentyNine Only
29	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	125.66	SQM	101.250	12755.04	Rupees Seventeen Thousand Nine Hundred SixtyFive Paise Four Only
30	Providing RCC Grade M 15 for Plain Reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	27.00	Cum	4971.89	134241.03	Rupees One Lakh ThirtyFour Thousand Two Hundred FortyOne Paise Three Only
31	RCC M-25 - Providing Reinforced cement RCC GRADE M-25 concrete in Box Cut complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	10.54	Cum	6565.33	69158.58	Rupees SixtyNine Thousand One Hundred NinetyEight Paise FiftyEight Only

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EXECUTIVE ENGINEER
RWD, (W) Division
15/11/24

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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT in Words
32	Providing and laying boulder apron for bed protection with stone boulder of minimum size and weight as per table 1000.1, no fragment weighing less than 25 kg laid dry, complete as per drawings and technical specifications Clause-1201	20.80	Cum	3509.19	101035.87	Rupees One Lakh One Thousand ThirtyFive Paise EightySeven Only
33	Supplying, fitting, and placing HYSD bar reinforcement (Fe 415) in structure complete as per drawing and technical specifications Clauses-1202, 1002, 1005, 1010 & 1207.	0.58	MT	53640.93	31111.74	Rupees ThirtyOne Thousand One Hundred Eleven Paise SeventyFour Only
	Total Construction Cost				14625796.57	Rupees One Crore FourtySix Lakh TwentyFive Thousand Seven Hundred NinetySix Paise FiftySeven Only

	TOTAL COST=				14625796.57	Rupees One Crore FourtySix Lakh TwentyFive Thousand Seven Hundred NinetySix Paise FiftySeven Only
	GST @ 18 % =				2632643.38	Rupees TwentySix Lakh ThirtyTwo Thousand Six Hundred FortyThree Paise ThirtyEight Only
	LABOUR CESS @ 1 % =				146257.97	Rupees One Lakh FourtySix Thousand Two Hundred FiftySeven Paise NinetySeven Only
	SEIGNIORAGE FEE @ 10% OF MATERIAL COST=				143603.77	Rupees One Lakh FourtyThree Thousand Five Hundred NinetyThree Paise SeventySeven Only
	TOTAL CONSTRUCTION COST OF PROJECT=			(A)	17548281.69	Rupees One Crore SeventyFive Lakh FourtyEight Thousand Two Hundred NinetyOne Paise SixtyNine Only


 22/11/24
 EXECUTIVE ENGINEER
 P.W.D. (W) Division
 Bangalore


 EXECUTIVE ENGINEER
 P.W.D. (W) Division
 Bangalore


 EXECUTIVE ENGINEER
 P.W.D. (W) Division
 Bangalore

22/11/24

Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Rupees	TOTAL AMOUNT In Words
	5 YEAR MAINTENANCE COST					
46	1st YEAR MAINTENANCE COST	1	Year		418100.00	Rupees Four Lakh Eighteen Thousand One Hundred Only
47	2nd YEAR MAINTENANCE COST	1	Year		577800.00	Rupees Five Lakh Seventy Seven Thousand Eight Hundred Only
48	3rd YEAR MAINTENANCE COST	1	Year		1452900.00	Rupees Fourteen Lakh Fifty Two Thousand Nine Hundred Only
49	4th YEAR MAINTENANCE COST	1	Year		734100.00	Rupees Seven Lakh Thirty Four Thousand One Hundred Only
50	5th YEAR MAINTENANCE COST	1	Year		1560300.00	Rupees Fifteen Lakh Sixty Thousand Three Hundred Only
	TOTAL =				4743200.00	Rupees Fourty Seven Lakh Fourty Three Thousand Two Hundred Only
	GST @ 18 % =				853776.00	Rupees Eight Lakh Fifty Three Thousand Seven Hundred Seventy Six Only
	LABOUR CESS @ 1 % =				47432.00	Rupees Fourty Seven Thousand Four Hundred Thirty Two Only
	SEIGNIORAGE FEE @ 10% OF MATERIAL COST =				7648.89	Rupees Seven Thousand Eight Hundred Forty Eight Paise Fifty Nine Only
	TOTAL MAINTENANCE COST =			(B)	5552256.89	Rupees Fifty Six Lakh Fifty Two Thousand Two Hundred Fifty Six Paise Fifty Nine Only
	GRAND TOTAL PROJECT COST (A+B) =			TOTAL Rs-	23200548.26	Rupees Two Crore Thirty Two Lakh Five Hundred Forty Eight Paise Twenty Eight Only
	LESS AS PER AGRIMENT 0.25% BELOW =			(-)	38001.37	Rupees Fifty Eight Thousand One Paise Thirty Seven Only
	TOTAL Rs-			TOTAL Rs-	23162546.91	Rupees Two Crore Thirty One Lakh Forty Two Thousand Five Hundred Forty Six Paise Ninety One Only

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R.W.D. (W) Division
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Revised G.O.R (S.M. 1 to 50) approved for Rs. 2,31,42,546-00 (Rupees two crore thirty one lakh forty two thousand five hundred forty six) only.

Prakash

Prakash

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

Prakash
28/06/24

EXECUTIVE ENGINEER
R.W.D. (W) Division
Bhagalpur

Prakash

REVISED BOQ

RWD WORK DIVISION BANKA-3

NAME OF ROAD:- BANKA - KATORIYA- SIMULTALA ROAD TO RATANPUR

PACKAGE No.- MR-N20-21 BANKA-202

BLOCK-KATORIYA DIST - BANKA

PRICE SCHEDULE

Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
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 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 301.1 and direction of ER	1.680	Haft	63879.82	107500.21	Rupees FiftyEight Thousand One Hundred Ninety Paise TwentyOne Only
2	Gravelling Existing Bituminous Surface to a Depth of 150 mm and disposal of scurfed materials with a lift upto 3m and lead upto 1000m as per technical specification clause 301.4	450.000	Sqm	15.79	7105.50	Rupees Seven Thousand One Hundred Five Paise Fifty Only
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	3040.00	Cum	191.92	621486.80	Rupees Six Lakh TwentyOne Thousand Four Hundred NinetySix Paise Eighty Only
4	GGB grading II Material -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 vibrator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401	115.77	Cum	2222.43	257290.72	Rupees Two Lakh FiftySeven Thousand Two Hundred Ninety Paise SeventyTwo Only

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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
5	WBM Grading 2 - Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, roling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fit-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405	209.84	Cum	3881.08	835385.83	Rupees Eight Lakh ThirtyFive Thousand Three Hundred EightyFive Paise Sixty Three Only
6	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, roling with smooth wheel roller 60-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fit-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 406	290.58	Cum	3569.04	1055581.41	Rupees Fourteen Lakh FiftyFive Thousand Three Hundred SixtyOne Paise FortyOne Only
7	Prime coat (Low Porosity)-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	4808.80	Sqm	41.62	200142.26	Rupees Two Lakh One Hundred FortyTwo Paise TwentySix Only
8	Wear Surfing Providing, laying and roling of close-graded primeux 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 roling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	4808.80	Sqm	185.62	895586.26	Rupees Nine Lakh FortyFive Thousand Five Hundred Six Paise TwentySix Only
9	TACK COAT- 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 Printer and cleaned with hydrolic broom as per technical specification clause 503.	19558.80	Sqm	14.21	283614.65	Rupees Two Lakh EightyThree Thousand Six Hundred Fourteen Paise FiftyFive Only

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Sl. No.	Item Description	Quantity	Unit	Rate	TOTAL AMOUNT (Rupees)	TOTAL AMOUNT In Words
10	Providing and laying semi dense bituminous concrete with 100-120 TISH batch type HMF 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.	378.75	Cum	8912.03	3384181.38	Rupees ThirtySeven Lakh FiftyFour Thousand One Hundred EightyOne Paise Thirtysix Only
11	Cement Concrete Pavement- Construction of un-reinforce-slab/s 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 size 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 needles, scraped and plate vibrators and finished in continuous operation including provision of contraction and expansion construction joints, applying debonding strips, primer, sealant, dowel bars, steel approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days during compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	857.40	Cum	5753.88	4892817.11	Rupees FortyNine Lakh SeventyTwo Thousand Eight Hundred Seventeen Paise Eleven Only
12	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC-8 fixing in position including painting and craning, etc as per drawing and technical specification clause 1703	2	No.	3683.30	7366.72	Rupees Seven Thousand Three Hundred Six Paise Seventytwo Only
13	Xm scale	+	No.	2213.15	8948.60	Rupees Eight Thousand Eight Hundred FortyEight Paise Sixty Only
14	200 m stone	22	No.	605.80	13327.60	Rupees Thirteen Thousand Three Hundred TwentySeven Paise Sixty Only

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SL No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
15	Demarcation and place identification signs- Providing and erecting direction and place identification retroreflective 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 5 mm, 2 Nos. 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 approved drawing and Technical Specification Clause 1701.	1.920	Sqm	12301.71	23570.28	Rupees Twenty Three Thousand Six Hundred Nineteen Paise Twenty Eight Only
16	Painting on Parapet Wall - 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	197.120	Sqm	102.28	20157.48	Rupees Twenty Thousand One Hundred Fifty Seven Paise Forty Nine Only
17	Traffic sign - Providing and fixing of retro-reflectivised catenary, mandatory and advisory 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 5 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	24	No	3436.82	82478.88	Rupees Eighty Two Thousand Four Hundred Seventy Eight Paise Eight Eight Only
18	600 mm equilateral & triangle	25.00	No	4486.27	112161.75	Rupees One Lakh Twelve Thousand Four Hundred Seventy Five Paise Fourty Eight Only
19	600 mm circular	16.00	No	3974.13	63586.08	Rupees Sixty Three Thousand Five Hundred Eighty Six Paise Eight Only
20	BOUNDARY PILLAR / GUARD POST- Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC-25, fixed in position including finishing and painting but excluding painting as per drawing and Technical Specification Clause 1704	112.00	No	524.51	58745.32	Rupees Fifty Eight Thousand Seven Hundred Forty Six Paise Twenty Four Only

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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
21	Painting 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	2464.00	per cm ² height per letter	0.54	1330.76	Rupees One Thousand Three Hundred Thirty Rupees Fifty Six Only
22	Planting of Trees and their Maintenance for one Year Planting of trees by the road side (Avenue trees) in 60 in dia holes, 1 m deep dug in the ground, mixing the soil with deshyat farm yard/manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one year.	300.00	No	577.50	173100.00	Rupees One Lakh Seventy One Thousand One Hundred Only
23	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting 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 breaks and holes. (RST)	300.00	Sqm	729.30	583380.00	Rupees Five Lakh Eighty Three Thousand Three Hundred Sixty Only
24	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting 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 breaks and holes. (RST)	280.00	Sqm	823.70	230636.00	Rupees Two Lakh Thirty Thousand Six Hundred Thirty Six Only
25	Providing and laying of typical MKR Informative sign board with Logo as per MCDRC specifications and drawing. Three MS plates of 1.0 mm thick, top and middle plate duly welded with MS flat iron 25mm x 3m size in back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 6mm. 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 steel tubes posts duly embedded in cement concrete. MS 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 above ground level on both sides. Lettering and painting arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of turned posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1703.1	3.00	Nos	12857.61	38574.83	Rupees Thirty Eight Thousand Five Hundred Seventy Four Paise Eighty Three Only

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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
	Irrigation pipe (300 MM Dia)					
26	Providing and laying of a reinforced cement concrete pipe duct 300 mm dia, across the road new construction extending from drain to drain (W cut and toe of slope in fills construction head walls at both end providing a minimum Fill of Granular Material over Top And Side of the pipe as per IRC 951997	60.00	RM	846.43	50855.80	Rupees Fifty Thousand Six Hundred FiftyFive Paise Eighty Only
27	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 800, 900 and 1208.4	37.44	cum	6083.87	227765.12	Rupees Two Lakh TwentySeven Thousand Seven Hundred SixtyFive Paise Twelve Only
28	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	252.08	SQM	143.950	37400.54	Rupees ThirtySeven Thousand Four Hundred Ninety Paise FiftyFour Only
29	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 170.1	701.28	SQM	102.26	77648.49	Rupees SeventySeven Thousand Eight Hundred FortyEight Paise FortyNine Only
	HUME PIPE culvert					
30	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	37.52	Cum	310.73	11655.56	Rupees Eleven Thousand Six Hundred EightyNine Paise SixtySix Only
31	Sand filling in foundation trenches as per drawing and technical Specification clause 1105	2.85	Cum	473.02	1352.84	Rupees One Thousand Three Hundred FiftyTwo Paise EightyFour Only
32	Brick flat soleing in foundation & Flooring - Prior face soleing in foundation Trenches as per drawing and technical specification clause 1106	28.64	SQM	235.14	6452.81	Rupees Eight Thousand Four Hundred FiftyTwo Paise EightyOne Only
33	Providing PCC M 15 for plain/reinforce concrete in open foundations complete as per drawings and technical specifications Clause 902, 903, 1202 & 1203	6.17	cum	4910.23	30290.12	Rupees Thirty Thousand Two Hundred NinetySix Paise Twelve Only
34	Brick masonry work in cement mortar (1:4) in head wall complete as per drawing and technical specifications Clauses 1109	26.510	cum	5815.85	148879.10	Rupees One Lakh FortyEight Thousand Eight Hundred SeventyNine Paise Ten Only


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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Rupees	TOTAL AMOUNT In Words
35	Providing and laying RCC pipe RP-4 for culverts on first class bedding of PCC M10 materials in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, back filling concrete and masonry works in haed walls and parapet as per Clause 1106 (1000 mm dia pipe)	7.520	RM	3762.38	28567.10	Rupees TwentyNine Thousand Eight Hundred SixtySeven Paise Ten Only
36	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	38.40	SQM	143.05	5207.02	Rupees Five Thousand Two Hundred Seven Paise Two Only
37	Providing 1.5 mm cement painting including curing scrape of water with all leads and lift as per building specification and direction of E/I	13.260	SQM	63.56	846.51	Rupees Eight Hundred FourtyEight Paise FiftyOne Only
	TOTAL COST				15437001.68	Rupees One Crore FiftyFour Lakh TwentySeven Thousand One Paise SixtyEight Only
	GST @ 18 % =				2778660.20	Rupees TwentySeven Lakh SeventyEight Thousand Six Hundred Sixty Paise Thirty Only
	LABOUR CESS @ 1 % =				154370.02	Rupees One Lakh FiftyFour Thousand Three Hundred Seventy Paise Two Only
	SEIGNORAGE FEE @ 10% OF MATERIAL COST=				180895.63	Rupees One Lakh Fifty Thousand Eight Hundred NinetySix Paise SixtyNine Only
	TOTAL CONSTRUCTION COST OF PROJECT			(A)	18520928.69	Rupees One Crore EightyFive Lakh Twenty Thousand Nine Hundred TwentyEight Paise SixtyNine Only

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RWD, (W) Division
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Sl. No.	Item Description	Quantity	Units	Rate	TOTAL AMOUNT Taxes	TOTAL AMOUNT In Words
	5 YEAR MAINTENANCE COST					
46	1st YEAR MAINTENANCE COST	1	Year		303500.00	Rupees Three Lakh NinetyThree Thousand Five Hundred Only
47	2nd YEAR MAINTENANCE COST	1	Year		551300.00	Rupees Five Lakh FiftyOne Thousand Nine Hundred Only
48	3rd YEAR MAINTENANCE COST	1	Year		1455300.00	Rupees Fourteen Lakh Five Thousand Three Hundred Only
49	4th YEAR MAINTENANCE COST	1	Year		675500.00	Rupees Six Lakh SeventySix Thousand Six Hundred Only
50	5th YEAR MAINTENANCE COST	1	Year		1491800.00	Rupees Fourteen Lakh NinetyOne Thousand Six Hundred Only
	TOTAL *				4518000.00	Rupees FortyFive Lakh Eighteen Thousand Nine Hundred Only
	GST @ 18 % =				513402.00	Rupees Eight Lakh Thirteen Thousand Four Hundred Two Only
	LABOUR CESS @ 1 % =				45189.00	Rupees FortyFive Thousand One Hundred EightyNine Only
	SEIGNIORAGE FEE @ 10% OF MATERIAL COST =				5002.50	Rupees Six Thousand Eight Hundred Two Paise Fifty Only
	TOTAL MAINTENANCE COST *			(B)	5384293.50	Rupees FiftyThree Lakh EightyFour Thousand Two Hundred NinetyThree Paise Fifty Only
	GRAND TOTAL PROJECT COST (A+B) =			TOTAL Rs-	23905222.19	Rupees Two Crore ThirtyNine Lakh Five Thousand Two Hundred TwentyTwo Paise Nineteen Only
	LESS AS PER AGREEMENT 0.25% BELOW =			(-)	59763.06	Rupees FiftyNine Thousand Seven Hundred SixtyThree Paise Six Only
	TOTAL Rs-			TOTAL Rs-	23845459.13	Rupees Two Crore ThirtyEight Lakh FourtyFive Thousand Four Hundred FiftyNine Paise Thirteen Only

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Revised B.O.R (S.No. 1 to 50) approved for Rs. 2,38,45,459-00 (Rupees two crore thirty eight lakh forty five thousand four hundred fifty nine) only.

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Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

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28/06/24-

EXECUTIVE ENGINEER
R.W.D. (W) Division
Banks-2
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