



Prohibition Excise &
Registration Department,
Government of Bihar



INDIA NON JUDICIAL



Other

First Party Name * : ANIL KUMAR SINGH

Second Party Name * : ANIL KUMAR SINGH

Purchased By * : ANIL KUMAR SINGH

Certificate Number : BR038161381705302727564

Consideration Price : ₹0.00/-

Stamp Duty Paid : ₹1,000.00/-

Registration Fee & Other Fees : ₹0.00/-

LLR & Proc Fee : ₹0.00/-

Miscellaneous Fees : ₹0.00/-

Discore SC : ₹0.00/-

Total Amount : ₹1,000.00/- (One Thousand)



-----This stamp paper will only be valid if embossed below with special RED ink impression -----

Phone No.
Said Imprinted To
and
For Unpaid Price
and

INDIA
NON JUDICIAL
Stamp
Office
Banka
Bihar
127158

JAN-18-2024 12:40:12

₹ 0001000/-

20 00 00 00 00 00 00 00

2024 12 18 12:40:12 0001000/-

34MB2
2023-2024

AGREEMENT

This agreement, made the 16th day of Feb 2024 Between The Executive Engineer R.W.D. Works Division, Banka-II Bihar [name and address of Employer] (here in after called "the Employer") of the one part, and Anil Kumar Singh Village-Sadpur, Post-Maheshadih, Thana-Banka, Dist-Banka, Bihar (Bid ID-553803) (here in after called "the Contractor") of the other part. Whereas the employer is desirous that the contract execute the Construction of Road from (i) Bhagalpur Dumka Road To Kaitha (MR-N/23-24 Banka-2/01) Year 2022-2023 under Head 3054 MR Yojna, (Tender ID-127158) Block-Rajoun, District-Banka, Bihar (here in after called the contract under Rural Works Department Govt. of Bihar, Chief Engineer -4 Patna Letter No.- 813 (Attach) Dated 13.02.2024 and the Employer has accepted the Bid by the Contractor for the execution and completion of Such works and the Routine maintenance of works for Five Years of the Contract Price remedying of any defects therein, at Construction Cost Rs. 29746348.00 & Maintenance Cost Rs. 4550062.00 with a Total Amount of Rs. 3,42,96,410/- (Rupees Three Crore Forty Two Lacs Ninety Six Thousand Four Hundred Ten Only) at bidder rate quoted 17.10% (Seventeen Point Ten Percent) below the estimated Cost. (i) FD No-462656110001001 dated 16.02.2024 to 16.02.2029 Rs.1715000/- (ii) FD No-462656110001000 dated 16.02.2024 to 16.02.2029 Rs.1200000/- (iii) FD No-17990310064757 dated 16.02.2024 to 16.02.2029 Rs.1150000/- (iv) FD No-17990310060729 dated 28.08.2023 to 28.08.2024 Rs.828000/- (v) BG No-1799IGPER001324 dated 16.02.2024 to 15.02.2025 Rs.1270000/- Total Rs. 6163000/- (Rupees Sixty One Lacs Sixty Three Thousand Only) The Commencement of work is 16/02/2024 and Completion of time up to 15/02/2025 i.e.,

Anil Kumar Singh

16/2/24

EXECUTIVE ENGINEER

R.W.D. (N) Division

Banka-2

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/23-24 Banka-2/01)

DISTRICT: BANKA

BLOCK: RAJOUN

Sl. No.	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
1	Bhagalpur Dumka Road To Kaitha	5.650	297.46348	45.50062	342.96410	17.10%
	Total		297.46348	45.50062	342.96410	

Divisional Account officer
R.W.D. (W) Division,
Banka-2

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

Handwritten signature

Handwritten signature and date 16/12/24

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

**Office of the Executive Engineer
R.W.D. Works Division, Banka-2**

Letter of Acceptance

Letter No.: 458

Date: 15/02/24

To

Anil Kumar Singh
Village-Sadpur, Post-Maheshadih,
Thana-Banka, Dist-Banka, Bihar.

This is to notify you that the Employer namely, Executive Engineer R. W. D. Works Division, Banka-2 has accepted your Bid Submitted Dated-29.08.2023, Bid ID-553803 in Compliance of Rural Works Department Govt. of Bihar, Chief Engineer-4 Patna Letter No.-813 (Attach) Dated 13.02.2024 for execution of the Tender ID-127158 (MR-N/23-24 Banka-2/01), Block-Rajoun, Construction of Road From Bhagalpur Dumka Road To Kaitha. (3054/MR) for Construction & Routine Maintenance of the works for five years at the Contract Price of Rs. 3,42,96,410/- (Rupees Three Crore Forty Two Lacs Ninety Six Thousand Four Hundred Ten Only) (below 17.10%BOQ) in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are hereby requested to furnish Performance Security, (and additional security for unbalanced bids in terms of ITB Clause 26.3) in the form detailed in Cl-30 of ITB for an amount of (a) Performance Security @ 5% Rs. 17148210/- & (b) Additional Performance Guaranty @ 10.75% Rs.4447365.00 with a Total Amount of Rs. 21621865/- (Rupees Fifty Three Lacs Five Thousand Only) within 14 days of the receipt of this letter of acceptance valid up to 45 days from the date of expiry of Defects Liability Period (i.e. up to 15/02/24) and sign the contract. If the Performance Security is in the form of a Bank Guarantee, the period of validity of Bank Guarantee could be one year initially, however, the contractor would get this Bank Guarantee extended in such a way that an amount equal to requisite performance security is always available with the Employer until 45 days after the lapse of Defect Liability Period. Failing which action as stated in Cl. 30.3 of ITB will be taken. In any circumstances no construction work will be done on private & forest Land during execution of this work. You are directed to provide insurance in the name of employer (Executive Engineer) and yourself an insurance cover from the dated of start of work to the end of the defect of liability period equivalent to the amounts and deductible shown in contract data.

Yours faithfully,

(i) Signature of Authorized Signatory :
(ii) Name and Title of Signatory : E.E., R.W.D.(W).DIVISION BANKA-II
(iii) Name of Agency : Anil Kumar Singh,
Village-Sadpur, Post- Maheshadih, Thana-Banka, Dist-Banka, Bihar

(Er.Satyendra Narayan Rai)
Executive Engineer
R.W.D. Works Division,
Banka-2

Anil Kumar Singh

15/02/24
EXECUTIVE ENGINEER
R.W.D. (W) Division
Banka-2

मुख्य अभियंता-4 का कार्यालय
ग्रामीण कार्य विभाग, बिहार, पटना।

पत्रांक-मु0अ0-4(मु0)-निविदा-04-07/2024 - 813039 पटना, दिनांक-13/02/2024

प्रेषक,

भगवत राम
अभियंता प्रमुख
पटना, बिहार।

सेवा में,

मुख्य अभियंता-2
ग्रामीण कार्य विभाग,
बिहार, पटना।

अधीक्षक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल- मुंगेर एवं भागलपुर।

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, लखीसराय एवं बाँका-2।

विषय:- शीर्ष 3054 अंतर्गत दिनांक-09.02.2024 को सम्पन्न विभागीय निविदा समिति की बैठक की कार्यवाही के संबंध में।

महाशय,

उपर्युक्त विषयांकित विभागीय समिति की बैठक की कार्यवाही संलग्न कर भेजते हुए निदेश दिया जाता है कि आवंटित कार्यों के त्वरित कार्यान्वयन हेतु सफल निविदाकारों को 24 घंटे के भीतर **Letter of Acceptance (LOA)** निर्गत/उपलब्ध कराना सुनिश्चित करेंगे।

निदेश है कि जिन-जिन निविदाकारों को आपके द्वारा **Letter of Acceptance (LOA)** निर्गत किया जा रहा है उस की एक प्रतिज्ञापन लगा कर नोडल पदाधिकारी 3054 को मेल के द्वारा उपलब्ध कराना सुनिश्चित करें।

एकरारनामा की विवरणी MIS पर Upload कराना भी सुनिश्चित किया जाय। इस प्रगति से भी नोडल पदाधिकारी 3054 को अवगत कराना सुनिश्चित करेंगे।

निर्धारित समय सीमा में निर्दिष्ट कार्य का पूरा किया जाना अनिवार्य है।

अनु0:- यथोक्त।

अभिज्ञ अग्रवाल

14/2/24
16/1/24
EXECUTIVE ENGINEER
R&D (W) Division
Rank-2

विश्वासभाजन

भगवत राम
(भगवत राम)
अभियंता प्रमुख

बिहार सरकार
ग्रामीण कार्य विभाग

दिनांक:-09/02/2024 को सम्पन्न विभागीय निविदा समिति की बैठक की कार्यवाही

चपस्थिति :-

श्री पंकज कुमार पाल, सचिव, ग्रामीण कार्य विभाग

ई0 भगवत राम, अभियंता प्रमुख, ग्रामीण कार्य विभाग।

ई0 श्रीप्रकाश, मुख्य अभियंता-2

श्री आगीर नैय्यर, आंतरिक वित्तीय सलाहकार, ग्रामीण कार्य विभाग।

2. बैठक में शीर्ष 3054 योजनान्तर्गत **E-tendering** के माध्यम से प्राप्त की गयी 02 निविदा के तकनीकी बीडों पर अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव की अध्यक्षता में गठित तकनीकी बीड समिति द्वारा तकनीकी बीड में योग्य किये गये निविदाकारों के वित्तीय बीड के प्रस्ताव पर विचार हेतु निविदा समिति के समक्ष उपस्थापित किया गया, जिन पर सम्यक विचारोपरांत निम्नवत् निर्णय लिया गया :-

Sl. No	Division	Package No / Tender Id	Date of Tender Received	AA Amount (In Lacs)	Total Bidders	No. of Tech. Qualified Bidders	Bidder's Name/ Bid ID	Bid Amount (In Lacs)	Quoted Rate (%)	Tender Award Amount (In Lacs)	Remarks
1	Lakhisarai	MR-N/23-24, Lakhisarai/08 (Tender ID-128996)	01.11.23	501.700	4	4	Anand Kumar (Bid ID - 562133)	531.15215	(-) 18.99	430.28635	पूरा १२ दिवसों के बाद १२ का ब्याज दरिया में १२ दिवस तक नईकर।
							Sanjay Kumar Technocrat Pvt. Ltd. (Bid ID - 562057)		(-) 16.54		
							Niranjan Kumar (Bid ID - 562098)		(-) 1.06		
							Subesh Kumar (Bid ID - 562128)		(-) 2.79		
2	Madhubani	MR-N/23-24, Madhubani/08 (Tender ID-127158)	01.11.23	453.000	7	7	Anil Kumar Singh (Bid ID - 553803)	413.70821	(-) 17.10	342.96410	पूरा १२ दिवसों के बाद १२ का ब्याज दरिया में १२ दिवस तक नईकर।
							Birendra Kumar Bhatti (Bid ID - 553991)		(-) 16.30		
							Markandey Construction and Services Pvt. Ltd. (Bid ID - 552435)		(-) 15.61		
							Alok Ranjan (Bid ID - 552245)		(-) 13.01		
							Ram Badan Singh (Bid ID - 553927)		(-) 12.17		
							Nitesh Kumar Singh (Bid ID - 553936)		(-) 10.45		

मि. मिश्र द्वारा 12

16/2/24

REGIONAL ENGINEER
Madhubani Division

3. स्वीकृत निविदाओं के कार्य आवंटन आदेश निर्मांकित शर्तों पर निर्गत किए जाते हैं।
 - (i) इन योजनाओं पर सभाग प्राधिकार द्वारा प्रशासनिक अनुमोदन तथा तकनीकी स्वीकृति प्रदान की गयी है एवं परिमाण विपत्र अनुमोदित है।
 - (ii) वांछित अग्रदान की राशि MBD के अनुरूप है।
पैकेज संख्या, पथ का नाम, परिमाण विपत्र की राशि, तकनीकी स्वीकृति की राशि, संवेदक द्वारा उद्धृत दर, परकर्मित दर, Bid Capacity आदि सही है।
 - (iii) संवेदक Defaulter/ काली सूची/ कार्यों को लंबित रखने वाले संवेदकों की सूची में सम्मिलित नहीं है।
4. एकरारनामा के पूर्व संबंधित कार्यपालक अभियंता निविदा में सभी अभिलेख की मूल प्रति से सत्यापित कर संतुष्ट हो लेंगे।
5. निविदा समिति द्वारा सर्वसम्मति से कॉलम 3 में वर्णित पैकेज सं० एवं कॉलम 8 में वर्णित निविदाकारी द्वारा कॉलम 10 में वर्णित दर पर कॉलम 11 में वर्णित राशि पर कार्य करने की स्वीकृति दी जाती है।
6. संबंधित अधीक्षण अभियंता एकरारनामा की सभी कंडिकाओं के अनुपालन सुनिश्चित कराने हेतु नियमित अन्तराल पर कार्यों का भौतिक पर्यवेक्षण करेंगे।
7. निविदा निष्पादन के क्रम में किसी प्रकार की टुटि पाये जाने पर मुख्यालय को सूचित किया जाए।
8. कार्य आवंटन आदेश में संवेदक का निबंधन संख्या, पूर्ण पता, Email ID एवं दूरभाष संख्या अवश्य अंकित किया जाए।
9. कार्यपालक अभियंता यह सुनिश्चित करेंगे कि MBD के ITB की कंडिका 17.2(c) के आलोक में Earnest Money एवं ITB की कंडिका 34.1 के आलोक Performance Security के रूप में समर्पित Bank Guarantee बिहार में अवस्थित राष्ट्रीय/अनुसूचित बैंकों द्वारा ही निर्गत हो तथा विहित अवधि के लिए मान्य हो, साथ ही संबंधित शाखा से सत्यापित किया गया हो।
10. परिमाण विपत्र की दर से कम उद्धृत दर वाले निविदाकार के लिए Additional Performance Guarantee का प्रावधान पथ निर्माण विभाग की अधिसूचना सं०-447 (एस) दिनांक 16.01.2020 एवं विभागीय पत्रांक-292 (अनु०), दिनांक 16.01.2020 के आलोक में एकरारनामा के पूर्व संबंधित कार्यपालक अभियंता अनिवार्यतः जमा कराना सुनिश्चित करेंगे।


(आमीर नैयर)

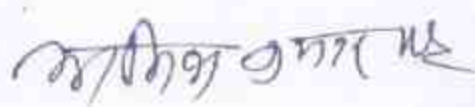
आंतरिक वित्तीय सलाहकार
ग्रामीण कार्य विभाग।


(श्रीप्रकाश)

मुख्य अभियंता-2
ग्रामीण कार्य विभाग


(महेश्वर राय)
अभियंता प्रमुख
ग्रामीण कार्य विभाग।


(पंकज कुमार पालि)
सचिव
ग्रामीण कार्य विभाग।



 **EXECUTIVE ENGINEER**
R.W.D. (N. Division)

23-24 Banku-2/01



ग्रामीण कार्य विभाग

Rural Works Department, Govt of Bihar

DETAILED PROJECT REPORT FOR MAINTENANCE OF ROAD



MR - 3054

STATE :-	Bihar	DISTRICT :-	Banka
DIVISION :-	Banka- 2	BLOCK :-	Rajauri
NAME OF ROAD	=	Bhagalpur Dumka Road To Kaitha	
TOTAL LENGTH OF ROAD	=	5.650 Km	
TOTAL CONSTRUCTION LENGTH OF ROAD	=	5.650 Km	
PART-A TOTAL COST OF INTIAL RECTIFICATION IN SURFACE RENEUAL	=	Rs. 364.237 Lacs 358-925	
COST OF ROAD CONSTRUCTION PER KM	=	Rs. 64.467 Lacs 63-529	
PART-B TOTAL COST OF 5 YEAR ORDINARY MAINTENANCE	=	Rs. 54.885 Lacs	
GST @ 18%	=	Rs. 63.202 Lacs 62-384	
LABOUR CESS @ 1 %	=	Rs. 3511 Lacs 3-466	
EMERGENT WORK @ 10%	=	Rs. 36.424 Lacs 35-883	
SEIGNIORAGE FEE @ 10%	=	Rs. 1.286 Lacs	
TOTAL PROJECT COST (GST 18% , LC 1% S.F 10% & E.W 10%)	=	Rs. 455.546 Lacs 449.593	

YEAR (2022 - 2023)

SUBMITTED BY :-
Executive Engineer
RWD (w) Division, Banka- 2
Banka

PREPARED BY:



Migo Engicon Pvt. Ltd.
D-402, SAI Enclave, Saguna More
VSY Path, Patna - 801105.
Mob. - +91-8002613097, 8709397063
E-Mail - migo.enclave@gmail.com

Handwritten signature and date 16/11/24

H.H. vide By letter No - 1942 dt - 29/5/23

Cost of Initial Rectification
With Surface Renewal 357.901

Cost of 5yrs Maintenance 54.947

Cost of Emergent Repair 35.840

448.688

T/S Amount

Cost of Initial Rectification
With Surface Renewal 358.825

Cost of 5yrs Maintenance 54.885

413.710

Say Rs 413.710/-

T.S. No.- 61/23-24 dt- 11.05.23

Ref. SE Letter No- 382 dt- 4/5/23

Technically Sanctioned for Rs.... 413.710/-

(Rupees... Four Cross Thirteen...)

...Seventy one... only.

Technically sanction does not mean sanction
of rate instruction given in technical note
should be followed strictly.

mm/MS

Chief Engineer-2
Rural Works Department

Singh
11.5.23

SUMMARY OF 5 YEARS ORDINARY MAINTENANCE COST

NAME OF ROAD:-

Bhagalpur Dumka Road To Kaitha

LINK ROUTE NO.:-

DISTRICT:-

BLOCK:-

LENGTH OF ROAD (KM):-

Banka
Rajaun
5.650

Particulars	Amount in Rs.	Amount in (Lakhs)
1st Year Maintenance cost	3,22,913.00	3.229
2nd Year Maintenance cost	5,36,249.00	5.362
3rd Year Maintenance cost	15,32,282.00	15.323
4th Year Maintenance cost	5,97,600.00	5.976
5th Year Maintenance cost	16,16,128.00	16.161
Total Cost of 5 years Maintenance	46,05,172.00	46.052
Total Cost	46,05,172.00	46.052

ESTIMATE FOR 5 YEARS MAINTENANCE WORKS

Total Length of Road(L) =	5650 m
Length of the Flexible Pavement(Lf) =	3250 m
Length of the Rigid Pavement(Lc) =	2400 m
Width of the Road (Br) =	3.750 m
Width Of the Shoulder (Bs) =	1.125 m
No. Of Hume Pipe Culvert =	6
No. Of Slab Culvert =	6
No. Of Box Culvert =	0
Length of Drain =	0 m
No. of guard stone =	0

Technically sanctioned
for Rs 46,05,172/- (Rupees
forty six lac five hundred
one hundred seventy two) only

JE
RWD

AE
RWD

EE
RWD

महेश कुमार

EXECUTIVE ENGINEER
RWD Division

16/11/24

16/11/24

20-12/21

MR-3054

BILL OF QUANTITIES (BOQ)

Name of Road : Bhagalpur Danka Road To Kaitha					
District : Banke			Division : Banke-2		
Length : 5.45 km					
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
SCHEDULE A					
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removal 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 I/J	Ha	1.13	72697.86	82148.58
2	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and loads, transporting to site, spreading, grading to required slope and compacted to meet requirements of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1	Cum	3645	264.23	963118.35
3	Granular Sub-base with Well Graded Material (Grade 2) : 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	Cum	132.950	2,682.52	356641.03
4	Water Bound Macadam with Stone Screening Gr-II : 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	Cum	79.160	5,577.79	441537.86
5	Water Bound Macadam Gr 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	Cum	221.64	5,345.05	1184676.88

20/12/21

R

16/12/21

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

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including clearing of void surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	2652	46.50	123318.00
7	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 hydrolic broom as per technical specification clause 503.	Sqm	12431.25	21.40	266028.75
8	Providing and laying bituminous macadam with 100-120 TPH hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading premixed with bituminous binder, transported to site, laid over a previously prepared surface with paver finisher to the required grade, level and alignment and rolled as per clauses 505.6 and 505.7 to achieve the desired compaction.	Cum	621.57	11,765.70	7313206.15
9	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.	Cum	310.78	15,109.71	4695705.67
10	Construction of dry lean cement concrete Sub-base over a prepared sub-grade with coarse and fine aggregates conforming to IS:383, the size of coarse aggregate not exceeding 25mm, aggregate cement ratio not to exceed 15:1 aggregate gradation after blending to be as per table 600-1 cement content not to be less than 150kg/cum optimum moisture content to be determined during trial length construction, concrete strength not be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	Cum	32.34	5,143.43	166338.53

371100 1111 1111



16/4/24
EXECUTIVE DIRECTOR
16/4/24 R.M.D. (S) Division
16/4/24 Banks-2

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
11	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 0.20m 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 1501.	Cum	1468.8	8,350.21	12264788.45
	Kilometre stone		0	0.00	0.00
12	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	0.00	0.00
i	(i) 5th km stone	No.	1	5,675.67	5675.67
ii	(ii) Km stone	No.	7	2,887.18	20210.26
iii	(iii) 200'is stone	No.	21	815.34	17122.14
13	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 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.	Sqm	3.84	14,847.41	57014.05
14	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, 600 mm below ground level as per drawings and Technical Specification Clause 801		0	0.00	0.00
	600 mm equilateral & triangle	Nos	12	4,363.21	52358.52
	600 mm circular	Nos	6	4,281.94	25691.64
	600 mm x 450 mm rectangular	Nos	4	4,138.20	16552.80
	900 mm side octagon	Nos	6	8,582.94	51497.64

महेश मशरु

16/12/24
EXECUTIVE ENGINEER

SL No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
15	Reinforced cement concrete M15 grade boundary pillars/local stiles 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	No.	106	671.76	71206.56
16	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	per cm height per letter	880	0.73	642.40
17	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	Each	163	1,202.40	195991.20
18	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorizing glass beads @ 230 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	0.00	
i	At Edge For RT Portion	Sqm	650.00	784.74	510081.00
ii	At Edge For Old CY Portion	Sqm	480.00	885.37	424977.60
19	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 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 and Annexure 1700.1	No.	4	11,419.29	45677.16
			0	0.00	0.00
	Cross Drainage Works/Protection/Repair		0	0.00	
20	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	46.98	383.28	18006.49
21	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, Box 1202 & 1203 PCC M-15 Grade	Cum	8.55	6,768.29	57869.88

Handwritten signature

Handwritten signature

Handwritten signature

EXECUTIVE ENGINEER
RWD (W) Division

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
22	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	Cum	40.32	7,832.16	315792.69
23	Painting on Parapet Wall (Black & White Strips) 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	Sqm	227.20	132.66	30140.35
24	Providing and laying RCC pipe R.P-3 for culverts on first class bedding of PCC M10 material in single row including lining 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	no	22.50	3,342.15	75198.38
25	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	189.76	190.80	36206.21
26	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	cum	23.42	6,218.25	145631.42
	Dismantling		0.00	0.00	
27	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202.	Cum	1.00	658.99	1186.18
28	Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202.	Cum	51.99	314.04	16326.94
29	Removing all types of Hume pipes and stacking including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202.	RM	15.00	248.74	3731.10
30	Total				30052385.5
31	18 % GST				5409429.4
32	1% LABOUR CESS				300523.9
33	Seigniorage Fee				119867.0
34	Total Construction Cost			A	35882205.8
35	SCHEDULE B				
36	5 YEAR MAINTENANCE COST	Quarterly	20	230258.60	4605172.0
37	Total				4605172.0
38	18 % GST				828931.0
39	1% LABOUR CESS				46051.7
40	Seigniorage Fee				8460.5
41	Total Maintenance Cost			B	5488615.2
42	Grand Total Cost (A+B)				41370821.0

with 11 mil 12

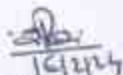
12.05.23
 EXECUTIVE ENGINEER
 R.W.D. (W) Division
 R.W.D. (W) Division
 16/12/23
 EXECUTIVE ENGINEER

B.O.B. Approved for Rs.- 4,13,70,821-00 (Rupees Four crore thirteen Lakh seventy thousand eight hundred twenty one) only


Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur


12/05/23

21 Dec 16/10/23


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


16/12/23


16/12/23