



शु. 2907/12/23-24 लुकेन डिप्टी
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OFFICE OF THE EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT, WORKS DIVISION, LAKHISARAI

SUPPLEMENTARY AGREEMENT NO:- 15/SBD/2023-24

This agreement, made 12 July Day of 2023 between Executive Engineer, RWD, Works Division, Lakhisarai, Munger, Govt. of Bihar Patna and **Sri Subesh kumar, Karyanand Nagar, Lakhisari, Bihar.**

Whereas the Employer is desirous that the Contractor execute the Construction of Road and CD works for T01 Borna to Bannu Bagicha Block Boundary Lakhisarai of Block in Suryagarha, Under NABARD in Lakhisarai District and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein, at a cost of Construction Rs. 80,95,493.00 (Rs. Eighty Lakh Ninety Five Thousand Four Hundred Ninety Three Only) and five year maintenance cost Rs. 8,35,262.00 (Rs. Eight Lakh Thirty Five Thousand Two Hundred Sixty Two Only) Total cost of Rs. 89,30,755.00 (Rs. Eighty Nine Lakh Thirty Thousand Seven Hundred Fifty Five only).

सुबेश कुमार

12/7/23

Executive Engineer
Rural Work, Department
Work, Div, Lakhisarai
12.7.23

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

SUPPLEMENTARY AGREEMENT NO:- 15/SBD/2023-24

NAME OF WORK: - T01 Borna to Bannu Bagicha Block Boundary Lakhisarai of
Block in Suryagarha, Under NABARD in Lakhisarai District.

NAME OF AGENCY: - Shri Subesh kumar
S/o - Late Raj Bahadur Singh,
Karyanand Nagar, Purani Bazar,
Lakhisarai.

Reference :- Superintending Engineer,
R.W.D works Circle, Munger
Vide Letter No. 734 . Date . 11.07.2023

AGREEMENT AMOUNT - Main work:- 80,95,493.00
Maintenance work:- 8,35,262.00
Total Amount: - 89,30,755.00

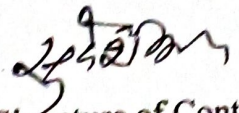
Performance Security: - Deposited @ 2% Next 8% deducted from Bill

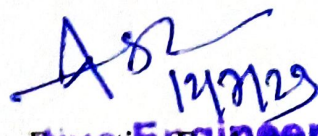
Supplementary Date of Commencement :- 12.07.2023

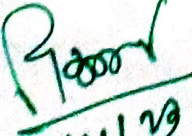
Date of Completion :-

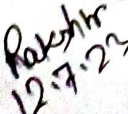
No. of Item of Work :- As per B.O.Q (Nos)

Rate Quoted :- 15.09% below (One Five Point zero Nine percent below only)


Signature of Contractor


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


12/7/23


12.7.23

अधीक्षण अभियंता का कार्यालय

ग्रामीण कार्य विभाग, कार्य अंचल, मुंगेर।

पत्रांक :- 734 (अनु०)

मुंगेर, / दिनांक :- 11.07.2023

प्रेषक,

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

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल, लखीसराय।

विषय:- शीर्ष राज्य योजनान्तर्गत पथ का पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक- 643 अनु० दिनांक- 27.04.2023

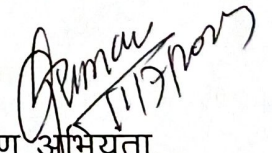
महाशय,

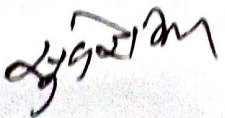
उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त शीर्ष राज्य योजनान्तर्गत निम्नलिखित पथ का पुनरीक्षित परिमाण विपत्र अनुमोदनोपरान्त अग्रेतर कार्रवाई हेतु भेजी जाती है।

क्र०सं०	पथ का नाम	पथ की पुनरीक्षित लम्बाई	पुनरीक्षित परिमाण विपत्र की राशि (रूपये में)
1.	T01 Borna to Bannu Bagich Block Boundary Lakhisarai	1.165	89,30,800/-

अनु० :- यथोक्त

विश्वासभाजन


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



Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: Construction of Road & CD Works for T01 Borna To Bannu Bagicha Block Boundary Lakhisarai
Block: Suryagarha Under NABARD

VALIDATE

PRINT

Contract No: Civil Works/

Bidder

Name:

HELP

Excess (+)

%

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1	Setting Out Setting Out as MORD Specification 100 Item Nos (i), (ii), (iii) & (iv) Construction of Reference & Working Benchmarks	1.17	per km	3732.81	Rupees Three Thousand Seven Hundred & Thirty Two and Paise Eighty One Only	4367.39
2	Setting Out Setting Out as MORD Specification 100 Item Nos (i), (ii), (iii) & (iv) Construction of Reference Pillars/Burjees	1.17	per km	1696.42	Rupees One Thousand Six Hundred & Ninety Six and Paise Forty Two Only	1984.81
3	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	0.47	Hect	52970.34	Rupees Fifty Two Thousand Nine Hundred & Seventy and Paise Thirty Four Only	24896.06
4	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m as per TS	3598.72	Cum	190.35	Rupees One Hundred & Ninety and Paise Thirty Five Only	685016.35
5	Sand Filling over Road due to Black Cotton Soil:- Construction of subgrade with approved material (Coarse Sand) 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 as per Technical Specification Clause 303.1.	2621.25	Cum	915.48	Rupees Nine Hundred & Fifteen and Paise Forty Eight Only	2399701.95
6	Construction of Subgrade and Earthen Shoulders :- Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification Clause 303.1.	980.99	Cum	209.91	Rupees Two Hundred & Nine and Paise Ninety One Only	205919.61
7	Granular Sub-base with Well Graded Material (Table 400.1) :- 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.	953.09	Cum	1669.25	Rupees One Thousand Six Hundred & Sixty Nine and Paise Twenty Five Only	1590945.48
8	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 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 3 as per Technical Specification Clause 405.	330.94	Cum	2107.62	Rupees Two Thousand One Hundred & Seven and Paise Sixty Two Only	697495.76
9	Prime Coat :- 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.	4412.44	Sqm	43.62	Rupees Forty Three and Paise Sixty Two Only	192470.63

Signature of Tenderer with seal

Inviting Authority: Engg-in Chief RWD Patna

Work: Construction of Road & CD Works for T01 Borna To Bannu Bagicha Block Boundary Lakhisarai
Block Suryagarha Under NABARD

Contract No: Civil Works/

☒ VALIDATE

☐ PRINT

☐ HELP

Contract No: CIVIL WORKS				Excess (+)		%		
Bidder Name:		SCHEDULE OF WORKS						
SL No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P		
				Figure	Words			
10	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 tretaed with Primer and clened with hydriloc broom as per technical specification aclouse 503.	4412.44	Sqm	15.10	Rupees Fifteen and Paise Ten Only	66627.84		
11	Patch work over WBM using Mix seal surface for bituminous and Existing CC Pavement :- 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.	4412	Sqm	201.69	Rupees Two Hundred & One and Paise Sixty Nine Only	889945.02		
12	Reinforced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703. Km stone	2	Each	2207.05	Rupees Two Thousand Two Hundred & Seven and Paise Five Only	4414.10		
13	Reinforced cement concrete M15 grade kilometre local stone of standard design asper IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703. 200 m stone	4.000	Each	608.72	Rupees Six Hundred & Eight and Paise Seventy Two Only	2434.88		
14	Boundary Pillar 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	23.000	Each	524.76	Rupees Five Hundred & Twenty Four and Paise Seventy Six Only	12069.48		
15	Painting Two Coats on New Concrete Surfaces 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)	89.280	Sqm	101.14	Rupees One Hundred & One and Paise Fourteen Only	9029.78		
16	Printing New Letters and Figures of any Shade 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	352.000	height pe	0.53	Rupees and Paise Fifty Three Only	186.56		

Inviting Authority: Engg-in Chief RWD Patna

Work: Construction of Road & CD Works for T01 Borna To Bannu Bagicha Block Boundary Lakhisarai
Block Suryagarha Under NABARD

☒ VALIDATE

☐ PRINT

☐ HELP

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	
17	Providing and fixing of typicalinformatory 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	3.000	Each	11209.97	Rupees Eleven Thousand Two Hundred & Nine and Paise Ninety Seven Only	33629.91
18	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 (600 mm equilateral & triangle)	6.000	No	3314.27	Rupees Three Thousand Three Hundred & Fourteen and Paise Twenty Seven Only	19885.62

Bidder Name:		Excess (+)		%		
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
19	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 (600 mm x 450 mm rectangular)	2 ✓	Each	3775.740	Rupees Three Thousand Seven Hundred & Seventy Five and Paise Seventy Four Only	7551.48 ✓
20	Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801 600mm circular (speed limit)	8.00 ✓	Each	4494.58	Rupees Four Thousand Four Hundred & Ninety Four and Paise Fifty Eight Only	35956.64 ✓
21	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	233.00 ✓	Sqm	721.95	Rupees Seven Hundred & Twenty One and Paise Ninety Five Only	168214.35 ✓
22	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.	176.10 ✓	Cum	305.42	Rupees Three Hundred & Five and Paise Forty Two Only	53784.46 ✓
23	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15	115.90 ✓	Cum	4898.91	Rupees Four Thousand Eight Hundred & Ninety Eight and Paise Ninety One Only	567783.67 ✓
24	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	39.12 ✓	Cum	5736.48	Rupees Five Thousand Seven Hundred & Thirty Six and Paise Forty Six Only	224410.32 ✓
25	Providing and laying reinforced cement concrete pipe NP3 for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling, concrete and masonry 1000MM Dia Pipe	22.50 ✓	RM	3501.18	Rupees Three Thousand Five Hundred & One and Paise Eighteen Only	78776.55 ✓
26	Laying (First Class) bedding on well compacted sand, moorum or approved granular material as per Clause 1105 (ii) Type B (First Class) Bedding	14.81 ✓	Cum	522.36	Rupees Five Hundred & Twenty Two and Paise Thirty Six Only	7631.68 ✓
27	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9 (i) Sand Filling Using Fine Sand	22.92 ✓	Cum	522.36	Rupees Five Hundred & Twenty Two and Paise Thirty Six Only	11972.49 ✓

Signature of Tenderer with seal

Inviting Authority: Engg-in Chief RWD Patna

Work: Construction of Road & CD Works for T01 Borna To Bannu Bagicha Block Boundary Lakhisarai
Suryagarha Under NABARD

Contract No: Civil Works/

VALIDATE

PRINT

HELP

Address: Excess (+) %

SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
28	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (II) RCC Grade M-20	28.83	Cum	5736.46	Rupees Five Thousand Seven Hundred & Thirty Six and Paise Forty Six Only	165382.14
29	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 (II) RCC Grade M-25	3.74	Cum	6773.43	Rupees Six Thousand Seven Hundred & Seventy Three and Paise Forty Three Only	25332.03
30	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.170	MT	56175.26	Rupees Fifty Six Thousand One Hundred & Seventy Five and Paise Twenty Six Only	9549.79
31	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (II) Sandy Material	30.01	Cum	805.03	Rupees Eight Hundred & Five and Paise Three Only	24158.95
32	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.320	MT	56337.61	Rupees Fifty Six Thousand Three Hundred & Thirty Seven and Paise Sixty One Only	18028.04
33	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.656	MT	57575.01	Rupees Fifty Seven Thousand Five Hundred & Seventy Five and Paise One Only	37769.21
34	Drainage spouts complete as per drawing and technical specifications Clause 1209	2.00	Nos	793.05	Rupees Seven Hundred & Ninety Three and Paise Five Only	1586.40
35	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	28.00	Nos	91.29	Rupees Ninety One and Paise Twenty Nine Only	2556.12
36	Laying brick soling layer on prepared sub-grade with brick on lines, graded and cross-section shown on the drawing filling joints with sand and earth as per Technical Specification Clause 412	10.26	Cum	271.40	Rupees Two Hundred & Seventy One and Paise Forty Only	2784.56
Cost of Construction :-						8284250.42
Add 12% GST						994110.05
Add 1% Labour Cess						82842.50
SEIGNIORAGE FEE						173002.00
Total Cost of Construction :-						9534204.98

Signature of Tenderer with seal

Bidder Name:

Excess (+)

%

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
37	1st Years Maintenance Cost	1.790	Km	33505.03	Rupees Thirty Three Thousand Five Hundred & Five and Paise Three Only	59974.00
38	2nd Years Maintenance Cost	1.790	Km	40531.28	Rupees Forty Thousand Five Hundred & Thirty One and Paise Twenty Eight Only	72550.99
39	3rd Years Maintenance Cost	1.790	Km	153569.83	Rupees One Lakh Fifty Three Thousand Five Hundred & Sixty Nine and Paise Eighty Three Only	274890.00
40	4th Years Maintenance Cost	1.790	Km	74138.55	Rupees Seventy Four Thousand One Hundred & Thirty Eight and Paise Fifty Five Only	132708.00
41	5th Years Maintenance Cost	1.790	Km	179153.63	Rupees One Lakh Seventy Nine Thousand One Hundred & Fifty Three and Paise Sixty Three Only	320685.00
Cost of Maintenance :-						860807.99
Add 12% GST						103296.96
Add 1% Labour Cess						8608.08
SEIGNIORAGE FEE						10990.00
Total Cost of Maintenance :-						983703.03
Total Cost of Project Including Five Year Maintenance :-						10517908.01
Quoted Rate in Words		Rupees One Crore Five Lakh Seventeen Thousand Nine Hundred & Eight and Paise One Only				

Cost of Construction :- ₹ 9534204.98

Cost of Maintenance :- ₹ 983703.03

total cost :- ₹ 10517908.01

27.4.23
Executive Engineer
Rural Work Department
Work, Div, Lakhisarai

F. E. Letter No. 643 Dt. 27.04.2023
Construction Cost Rs. 9534204.98
5 yrs. Maintenance Cost Rs. 983703.03
Total Cost Rs. 10517908.01
Revised BOC Approved For Rs. 10517900.00
(Rupees One Crore five lakh Seventeen thousand nine hundred and Eight only)
including 5 yrs Maintenance Vide
am no. 01 to 41

Signature of Tenderer with seal

Superintending Engineer
Rural Works Department
Circle/Munger

Cost of Construction:- ₹ 9534204.98

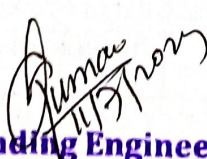
Cost of Maintenance:- ₹ 983703.03

total cost:- ₹ 10517908.01

Below (-) 150% as per agreement:- (-) ₹ 1587152.32

₹ 8930755.69

S. E. Letter No. 643 Dt. 27.04.2022
Construction Cost Rs. 9534204.98
5 yrs. Maintenance Cost Rs. 983703.03
Total Cost Rs. 10517908.01
Revised 500 Approved For Rs. 8930800.00
(Rupees Eighty Nine lakh thirty thousand eight hundred only)
including 5 yrs Maintenance Vide
item no. 01 to 41


Superintending Engineer
Rural Works Department
Muziris Circle, Mungger