



बिहार BIHAR

15713
21/3/20.

1000x1000, नवीन कुमार सोन / 80 फीट
डा० लि०, साकाबकरपुरात
रुग्गीर
AG 392297
उमेश कुमार कर्ण
मुद्रांक विक्रेता, समस्तीपुर
ला० नं०-2/2004

SUPPLEMENTARY AGREEMENT FORM

Agreement No.-

This supplementary agreement, made the Day of between
The Executive Engineer, RWD, Works Division, Patori and Sona Infracon Pvt. Ltd., At - H/o - Naween Kumar, vill
- Ababakarpur, P.O - Manpura(Tajpur). P.S - Bangara, Distt - Samastipur - 848130 Bihar, Mobile No.- 8292679418
hereinafter called "The Contractor" of the other part.

Whereas The Employer is desirous that the Contractor execute the work - **MR-N/19-20**
Patori/04 Tender Id 79226 Bid Id- 361633 under MR 3054- Details of estimate is as follow-

Sl No.	Name of Road	Length in K.M	Revised Const. Cost in Rs.	18% GST	1% Labour + Cess	S.Fee Rs	Const. Cost(4+5+6) in Rs.	Less Quoted rate 10%	Maintenanc e Cost of Five Year	18% GST	1% Labour Cess	S.Fee Rs	Total Maintenanc e Cost	Maintenanc e cost after deduction of quoted rate 10%	Grand Total after deduction of quoted rate 10% (9+14)
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Mohiuddi n Nagar to Bichangpu + Bari Jawanpur	7.20	26700538. 80	4806100.60	267005.60	500013.6	32363678.70	29127310. 80	5944251.00	1069966.40	39442.60	23565.80	7097202.90	6387536.61	35514847. 40
TOTAL								29127310. 80						6387536.61	35514847. 40

(hereinafter called "The works 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 on his quoted rate 10.00 % (Ten Percent) below of the B.O.Q. rate for a cost of Rs. 35514847.40 say Rs. 35514847.00 (R. Three Cr. Fifty Five Lakh Forteen Thousand Eight Hundred Forty Seven); (Construction cost 29127310.80 and Maint. Cost 6387536.61) only. Main agreement value of this package was 43857957.00. Construction and maintenance cost of the above road has been revised.

SONA INFRACON PVT. LTD.

Naween Kumar
MANAGING DIRECTOR

कार्यपालक अभियन्ता
सामाजिक कार्य विभाग
कार्य इमंउल पटोरी (समस्तीपुर)

The revised construction cost is from Rs. 13782533.20 to Rs. 26700558.80 only and maintenance cost is from 5918455.00 to Rs. 7097262.30. Thus the total main agreement value has been revised from Rs. 43857957.00 to 59336899.00

NOW THIS SUPPLEMENTARY AGREEMENT WITNESSETH AS FOLLOWS:-

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the condition of contract hereinafter referred to, and they shall be deemed to form and be constructed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the contractor in consideration of the execution and completion of the works and the remedying the defects wherein the contract price or such other sum as may become payable under the provisions of the contract at the times and the manner prescribed by the contract.
4. The following documents shall be deemed to form and be read and constructed as part of this Agreement, Viz:-
 - i) Letter of Acceptance
 - ii) Notice to proceed with the works
 - iii) Contractor's Bid
 - iv) Contract Data
 - v) Special Conditions of contract and general condition of contract
 - vi) Specifications
 - vii) Drawings
 - viii) Bill of Quantity and
 - ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____

Was hereunto affixed in the presence of:-

Signed, Sealed and Delivered by the said _____

In the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

SONA INFRACON PVT. LTD.

Manoj Kumar

MANAGING DIRECTOR

Executive Engineer
RWD, Works Division, Patodi

20/10/24
कार्यपालक अभियन्ता
खाम्नील कार्य विभाग
नगर प्रमंडल पटोरी (समस्तीपुर)



अधीक्षण अभियंता का कार्यालय ग्रामीण कार्य विभाग, कार्य अंचल, समस्तीपुर

पत्रांक 385 अनु०

समस्तीपुर, दिनांक 12/03/24

प्रेषक:-

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

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमंडल, पटोरी।

विषय:-

शीर्ष MR-3054 अंतर्गत कार्य प्रमंडल, पटोरी के अधीन एक पथ का पुनरीक्षित परिमाण विपत्र की स्वीकृति के संबंध में।

प्रसंग:-

आपका पत्रांक 280 अनु० दिनांक 12.03.2024

महाशय,

उपर्युक्त विषय के संबंध में कहना है कि प्रासंगिक पत्र द्वारा एक पथ का परिमाण विपत्र प्राप्त हुआ है जिसे स्वीकृति उपरांत इस पत्र के साथ मूल में संलग्न कर वापस किया जाता है। ब्यौरा निम्नवत् है-

क्रम सं०	पथ का नाम	शीर्ष	पथ की लंबाई कि०मी० में	परिमाण विपत्र की राशि लाख में
01	Mohiuddin : agar To Bishanpur Beri Jaunapur	MR-3054	07.200	394.60941 355.14844

अनु०- यथोक्त।

प्रति उम्मीद है कि
सं० 305 प्राप्त किया।
Ravel
13/3/24

विश्वासभाजन

12/03/24
अधीक्षण अभियंता
ग्रामीण कार्य विभाग, कार्य अंचल, समस्तीपुर
12/03/24

SONA INFRACON PVT. LTD.

Moumen Kumar

MANAGING DIRECTOR

12/03/24
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल पटोरी (समस्तीपुर)

पत्रांक:- II/मु0अ0-3,त0स्वी0-07-137/22 1174 अ३०

ग्रामीण कार्य विभाग, बिहार, पटना

पटना दिनांक:- 13.2.24

प्रेषक,

मुख्य अभियंता-3,
ग्रामीण कार्य विभाग,
बिहार, पटना।

सेवा में,

अधीक्षक अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, समस्तीपुर

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

प्रसंग:-आपका पत्रांक-173 अनु0 दिनांक-02.02.2024

महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कार्य प्रमंडल, पटोरी के अधीन स्वीकृत पथ के प्राक्कलन पर विभागीय पत्र में दिये गये निदेश के आलोक में पुनरीक्षित तकनीकी स्वीकृति प्रदान कर लौटाया जा रहा है जिसकी विवरणी निम्न है:-

Sl. No.	Division	Name of Scheme	Length (in KM)	Department Ref Lett. No./Date	Revised A.A. Amount (in Lakh)	Revised T.S. Amount (in Lakh) (As Per Agr. Amount)
1.	Patori	Mohiudinagar To Bishanpur Beri Jaunapur	7.200	308/23.01.2024	372.5648	355.149

- निर्माण कार्य **MR-3054** की मार्गदर्शिका के अनुरूप किया जाएगा।
- स्वीकृत प्राक्कलन की जाँच अधीक्षक अभियंता, अपने स्तर से कर लेंगे यदि किसी प्रकार की संशोधन की आवश्यकता हो, तो मुख्यालय को सूचित करेंगे।
- समर्पित किए गए प्राक्कलन की तकनीकी स्वीकृति इस आधार पर दी जाती है कि प्रस्तुत किए गए प्राक्कलन वास्तविक कार्य स्थल के निर्माण के लिए कार्य स्थल के अनुरूप तैयार की गई है, जिसमें पथ एवं पुल निरूपण सम्बंधित सारी आवश्यकता पूरी कर ली गई है।
- अधीक्षक अभियंता, पथों का निरीक्षण प्रतिवेदन एवं कार्यों के संबंध में समीक्षात्मक टिप्पणी मुख्यालय को 5वीं तिथि को उपलब्ध कराना सुनिश्चित करेंगे।
- पुनरीक्षित प्राक्कलन के नये मर्दों का दर प्राथमिक एकरारनामा के दर से निर्धारित होगी, जिसका तात्पर्य यह है कि प्राथमिक एकरारनामा के समय सक्षम पदाधिकारी द्वारा अनुमोदित दर अतिरिक्त मद की दर के लिए मार्गदर्शक होगी। यह उससे कम हो सकती है किन्तु किसी भी परिस्थिति में यह प्राथमिक एकरारनामा की दर से अधिक नहीं होगी। प्राक्कलन की स्वीकृति दरों की स्वीकृति नहीं समझी जाये।
- पुनरीक्षित प्राक्कलन का दर मूल एकरारनामा के दर के समान होगा तथा नया मद का दर भी मूल एकरारनामा के दर पर आधारित होगा।
- अधीक्षक अभियंता, कार्य अंचल, समस्तीपुर ऐसे मर्दों के दर जो अनुसूचित दर में नहीं हैं, कर दर अपने अंचल स्तर से राज्यस्तरीय, अनुसूचित दर निर्धारण समिति के द्वारा अनुमोदित सामाग्रियों के दर के आधार पर MORD Data book analysis के आधार पर दर विश्लेषण करते हुए मुख्यालय को सूचित करेंगे। ताकि मुख्यालय अनुसूचित दर निर्धारण समिति की बैठक में उसका अनुमोदन का S.O.R तैयार करने की दिशा में कार्रवाई की जा सके।
- स्थल पदाधिकारी द्वारा लम्बे काट एवं आड़ी काट के आधार पर गिट्टी की मात्रा की गणना कर

SONA INFRACON PVT. LTD. योगा।

Manoj Kumar
MANAGING DIRECTOR

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमंडल पटोरी (अमलीपुर)

MR 3054					
BILL OF QUANTITIES (BOQ) <i>Revised</i>					
Name of Road :	Mohludinagar to Bishanpur Beri Jaunapur				
Block :	Mohludinagar	District :	Samastipur		
Length :	7.20 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, 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	Ha	1.44	49496.70	71275.25
2	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.	Cum	12676.88	176.75	2240638.54
3	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	1974.93	2,024.39	3998026.38
4	WBM Grading 2 (By Mechanical Means) :-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	152.72	3,692.26	563900.18
5	WBM Grading 3 (By Mechanical Means):- 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	946.78	3,321.88	3145073.14

SONA INFRACON PVT. LTD.

Naveen Kumar
MANAGING DIRECTOR

23/08/24
कार्यपालक अभियन्ता
राष्ट्रीय कार्य विभाग
कार्य प्रबंधन पटोरी (समस्तीपुर)

MR 3054

BILL OF QUANTITIES (BOQ)

BILL OF QUANTITIES (BOQ)					
Name of Road :	Mohludinagar to Bishanpur Beri Jaunapur				
Block :	Mohludinagar	District :	Samastipur		
Length :	7.20 km				
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 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.	Sqm	11487.42	41.01	471098.99
7	Mix seal (Waste Plastic)-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.	Sqm	11410.54	196.58	2265905.53
8	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydraulic broom as per technical specification clause 503.	Sqm	21940.7	13.91	472191.19
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	563.39	9,954.81	5608421.49

PROVED

Joint Works Department
 Civil Works Section
 Works Circle Samastipur
 12/03/24

SONA INFRACON PVT. LTD.

Nawar Kumar

MANAGING DIRECTOR

12/03/24
 कार्यपालक अभियंता
 सार्वजनिक कार्य विभाग
 कार्य प्रमंडल पटोरी (समस्तीपुर)

MR 3054

BILL OF QUANTITIES (BOQ)

Name of Road :		Mohiudinagar to Bishanpur Beri Jaunapur						
Block :		Mohiudinagar						
Length :		7.20 km		District :	Samastipur			
Sl. No.		Description of Items		Unit	Qty.	Rate (Rs.)	Amount (Rs.)	
10	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 plythene film, wedges, steel plates including levelling the formwork as per drawing) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/ culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.			Cum	181.80	6691.84	1216577.00	
		Kilometre stone						
11	Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and technical specification clause 1703.							
		i) 5th km stone			No.	1.00	4,025.58	4025.58
		ii) Km stone			No.	8.00	2,139.26	17114.08
		iii) 200 m stone			No.	29.00	595.91	17281.39
12	Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm, 2 Nos. firmly fixed to the ground by means of properly designed foundation with M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.			Sqm	2.88	12,265.89	35325.76	

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 Jarkh Circle Samastipur
 12/03/24

SONA INFRACON PVT. LTD.

Naman Kumar
 MANAGING DIRECTOR

12/03/24
 कार्यपालक अभियंता
 सार्वजनिक कार्य विभाग
 काय प्रमंडल पलौरी (समस्तीपुर)

MR 3054					
BILL OF QUANTITIES (BOQ)					
Name of Road :	Mohludinagar to Bishanpur Beri Jaunapur				
Block :	Mohludinagar	District :	Samastipur		
Length :	7.20 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
13	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	Nos	52.00	3,590.17	186686.84
	600 mm circular	Nos	16.00	3,689.52	59032.32
	600 mm x 450 mm rectangular	Nos	14.00	3,560.40	49845.60
	900 mm side octagon	Nos	4.00	7,553.19	30212.76
14	Providing and laying Rumble Strip with road studs and Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface				
i	Thermoplastic paint	Sqm	9.00	735.40	6618.60
ii	Road strips	Nos	72.00	218.63	15741.36
15	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	Nos	274.00	487.01	133440.74
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	m height per	396.00	0.50	198.00
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	298	800.30	238489.40
18	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.				

SONA INFRACON PVT. LTD.

Navneet Kumar
MANAGING DIRECTOR

10/03/24
कार्यपालक अभियन्ता
मार्गोपकरण कार्य विभाग
मार्ग प्रमंडल पटौरी (समस्तीपुर)

MR 3054				
BILL OF QUANTITIES (BOQ)				
Name of Road :	Mohludinagar to Bishanpur Beri Jaunapur			
Block :	Mohludinagar	District :	Samastipur	
Length :	7.20 km			
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)
i	At Edge for BT Portion	Sqm	1199.00	735.40
ii	Pedestrian Crossing (2 m in length and providing at 50 cm apart)	Sqm	24.00	735.40
iii	At Edge for CC Portion	Sqm	250.00	820.58
19	Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate 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.	2	9,255.70
				18511.40
	Repair Works			
	Hume Pipe 1X1000 mm dia			
20	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	cum	11.80	5,169.75
21	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	82.56	161.49
22	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	239.04	95.63
	1x2.5m RCC SLAB CULVERT			
23	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	cum	0.00	5169.75
24	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	0	161.49
25	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	0	95.63

SONA INFRACON PVT. LTD.

Naveen Kumar
MANAGING DIRECTOR

कार्यालय अभियंता
ग्रामीण कार्य विभाग
कायं जमंडल पोली (समस्तीपुर)

MR 3054

BILL OF QUANTITIES (BOQ)

Name of Road :	Mohludinagar to Bishanpur Beri Jaunapur				
Block	Mohludinagar	District :	Samastipur		
Length :	7.20 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
	RCC Slab Culvert (2 x 1.5m)				
26	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.	Cum	93.18	280.59	26171.76
27	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108	Cum	1.25	449.08	561.35
28	Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203.	Cum	12.50	5,115.44	63927.65
29	Brick masonry work in cement mortar (CM 1:4) in foundation complete excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203	MT	52.10	5,407.15	281717.92
30	Brick masonry work in cement mortar (CM 1:4) in substructure and Kerb complete excluding pointing and plastering as per drawing and technical specifications Clauses 602, 603, 604, 1202 & 1203	Cum	26.26	5,638.67	148077.11
31	Plain/Reinforced cement concrete (M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	Nos	4.07	5,881.59	23926.31
32	Providing Bitumen painting over top surface of Abutment cap & inner vertical surface of Dirt Wall including Heating the bitumen & cost of painting brush etc. all complete.	Cum	14.10	13.91	196.13
33	RCC M25 in Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5	Cum	4.61	6,479.79	29858.87
34	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	MT	0.76	57,153.74	43685.46
35	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Cum	15.00	35.15	527.25

APPROVED

Superintending Engineer
Rural Works Department
Jaunpur

12/03/24

SONA INFRACON PVT. LTD.

Naween Kumar
MANAGING DIRECTOR

कार्यपालक अभियन्ता
महाराष्ट्र राज्य विभाग
मुंबई

MR 3054
BILL OF QUANTITIES (BOQ)

Name of Road :	Mohiudinagar to Bishampur Bari Jaunpur	District :	Semastipur		
Block :	Mohiudinagar				
Length :	7.25 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
36	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	Cum	3.84	5,159.75	19811.84
37	Plastering with cement mortar (1:4), 15 mm Thick on brick work in sub-structure as per Technical Specifications Clause 613.4 & 1204.	Cum	68.56	161.49	11071.27
38	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E1	MT	25.56	45.33	1203.98
39	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structure with slope of 1V: 20H towards drawing	Cum	28.00	215.00	6020.00
40	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	363.00	260.59	94694.17
41	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (I) of Chapter 11	C	384.24	449.06	172547.72
42	Plain cement concrete M15 in levelling course below open foundation of head walls as per drawing and technical specification clause 1109	Cum	58.64	5,115.44	299969.40
43	Plain cement concrete M20 in levelling course below Open Foundation of head walls as per drawing and technical specification clause 1109	Cum	319.48	5,681.59	1879050.37
44	Providing and laying 1000 mm Dia. RCC pipe NP-3 for culverts on first class bedding of PCC M10 (1:3:6) in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head	Cum	90.00	3,398.17	305835.66
45	Providing and laying boulder apron for bed protection with stone boulders of minimum size and weight as per Table 1300.1, no fragment weighing less than 25 kg laid dry complete as per drawing and technical specifications Clause 1301	Cum	184.52	2,917.78	538388.11
46	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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.	C	25.00	2,024.39	50609.75

SONA INFRACON PVT. LTD.

Navin Kumar
MANAGING DIRECTOR

Navin Kumar
कार्यालय अभियंता
राष्ट्रीय कार्य विभाग
शर्च पञ्चल पटोरी (बमलीपुर)

MR 3054

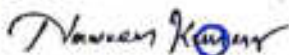
BILL OF QUANTITIES (BOQ)

Name of Road :	Mohiudinagar to Bishanpur Beri Jaunapur				
Block	Mohiudinagar	District :	Samastipur		
Length :	7.20 km				
SL No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
47	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.	0	18.76	3,321.88	62318.47
48	Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate 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 slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical	0	40.00	6,691.84	267673.60

APPROVED

Superintending Engineer
Rural Works Department
Works Circle Samastipur
40.00 6,691.84

12/03/24
267673.60

SONA INFRACON PVT. LTD.

MANAGING DIRECTOR

कार्यपालक अभियन्ता
कामगिरि कार्य विभाग
कार्य प्रमंजु पटोरी (समस्तीपुर)

MR 3054

APPROVED

Superintending Engineer
Department

Cum
Cum
Superintendent
Works
474.67
066.81

निमाजीघ पत्रांक: मु.अ. - 4 मु. - 3054, 12/02/2022
प्रमाणित स्वीकृति के उपरान्त मुख्य कार्यालय - 3
पटना जिला - 13, 9/2/2024 द्वारा पुनः निरत
निमाजीघ पत्रांक: मु.अ. - 4 मु. - 3054, 12/02/2022
प्रमाणित स्वीकृति के उपरान्त मुख्य कार्यालय - 3
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निमाजीघ पत्रांक: मु.अ. - 4 मु. - 3054, 12/02/2022
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पटना जिला - 13, 9/2/2024 द्वारा पुनः निरत

308/मटना दिनांक-23/01/2024
 मोह-11/मु.अ. नं-11/2024
 पीसी-200/11/2024
 ग.अ.नं-308/11/2024
 कार्यपालक अभियन्ता
 इलाहाबाद जिला विधान
 सर्व प्रथम पट्टी/मजदूर
 सुपरी
 24

SONA INFRACON PVT. LTD.

(Reg. Company By M.P.A. Govt. of India)



Letter No.....

Date :

Revised Work Program

Name of Work:- Mohiuddingar To Bishanpur Beri Jaunapur

Sl. No.	Item Of Work	16.03.2024 To 15.04.2024	16.04.2024 To 15.05.2024	16.05.2024 To 15.06.2024	Remarks
1	Site Clearance				100 % Completed
2	Earth Work				100 % Complete
3	GSB				
4	WBM GR. II / III				
5	Culvert / Bridge Work				
6	Mix Seal Surfacing / SDBC				
7	PCC / RCC				
8	Road Furniture / Planting Tree				
9	Finishing Work / Balance Work				

SONA INFRACON PVT. LTD.

Naween Kumar

MANAGING DIRECTOR

SONA INFRACON PVT. LTD.

Naween Kumar

MANAGING DIRECTOR

Regd. Office : At.-Ababakarpur, P.O.-Manpura, Via.-Tajpur, Distt.-Samastipur, PIN-848130 (Bihar)
Mobile No. : 8292679418 / 7549856418, E-mail : sonainfracon@gmail.com



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