



बिहार BIHAR क्रम संख्या ९११ तिथि २८-५-२०२५ सीट संख्या २ BA 470191
केला का नाम और पता श्री कृष्ण निर्माण प्रा. लि. अ. ५२११
५५१-०१०५११५० अ. ३
ब्रजनन्दन प्रसाद सिंह
सं. ०१-२९/८७, मुद्रांक विभाग, समग्रनाला, पटना



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

AGREEMENT NO:- 04/CMBD/2025-26

This agreement, made the 30 May Day of 2025 between Executive Engineer, RWD, Works Division, Lakhisarai, Govt. of Bihar Patna and **Krishabh Nirman Pvt. Ltd., Road No.-3, Sanjay Ghandhi Nagar, Kankarbagh, Patna- 800026.**

Whereas the employer is desirous that the Contractor execute Initial Rectification, Minor improvement, Surface renewal, Construction of bridge/drainage /protection and performance based Rural Road contract for the Operation & Management Services of Roads/Construction of Bridge **RRSMP/24-25/Lakhisarai/04 Package Under of Block in Halsi, Under RRSMP(MMGSUY) 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. 15,32,78,203.00 (Fifteen Crore Thirty Two Lakh Seventy Eight Thousand Two Hundred Three) only & five year Maintenance cost Rs. 1,66,23,927.00 (One Crore Sixty Six Lakh Twenty Three Thousand Nine Hundred Twenty Seven) only. **Total Cost Rs. 16,99,02,130.00 (Sixteen Crore Ninety Nine Lakh Two Thousand One Hundred Thirty) only.**

श्री कृष्ण निर्माण प्रा. लि.
Krishabh Nirman Pvt. Ltd.

(Director)

३०/५/२५
Executive Engineer
RWD Works Division
Lakhisarai

३०/५/२५

Sl. No.	Name of Road	Length (in KM)	Const. Cost	Maintenance cost	Agreement Value
1	Lakhisarai sikandra Path To Purvi Gidha Packs Godawn	0.200	2268938	96629	2365567
2	Silwe REO Path To Muslim Tola Silwe	0.310	1946124	100385	2046509
3	Halsi Purani Chowk to Halsi Gramin Path	0.550	2512374	178537	2690911
4	Nauma lahuara Sadak To Shiv Temple	0.700	4588350	226586	4814936
5	REO Pratappur to kakrori Chandravansi Tola	0.800	5137098	259562	5396660
6	Rata To Mushahari	1.000	6751295	399139	7150434
7	T02 (Gerua Pursanda) To Pursanda	1.180	5946301	483770	6430071
8	PMGSY Khairma To Kanchanpur Mushahari	1.200	10958038	1268469	12226507
9	Lakhisarai Sikandara Path To Ghogsa Gramin Path	1.200	6535491	388636	6924127
10	Punrahi Yadav Toal To T01 Pratappur	1.260	10289621	1264946	11554567
11	Lakhisarai Sikandra Path To Halsi Block Office	1.300	6716842	421612	7138454
12	Sethna Salaunza Nahar Road To Baaitpur	2.000	8500365	1694787	10195152
13	L028-T02 To Behrama (Track28)	2.140	12982543	1962183	14944726
14	Sikandra Sheikhpura Path To Chori Gaon	2.580	21137820	2441273	23579093
15	Pratappur To Khuryari (Rescind)	2.740	21644508	1736963	23381471
16	L073-T05 SH To Silway (Track73)	3.600	25362495	3700450	29062945
Total		22.760	153278203	16623927	169902130

NOW THIS AGREEMENT WITNESSTH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the General condition hereafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the E/I to the Contractor as herein after mentioned, the Contractor hereby covenants with the E/I to execute and complete the Works & Services and remedy any defects therein in conformity in all aspects with the provisions of the contract.
3. The E/I 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 in the manner prescribed by the contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

Krishabh Nirman Pvt. Ltd

(Signature)
(Director)

(Signature)
Executive Engineer
RWD Works Division
Lakhisarai

(Signature)
30/5/22

-:Contractor's BID :-

Attached separately

**NAME OF WORK:- RRSMP/24-25/Lakhisarai/04 Package Under of Block in
Halsi, Under RRSMP(MMGSUY) in Lakhisarai District.**

District:- Lakhisarai

Block :- Halsi

Sl. No	Name of Road	Length (km)	Cost of Construction (Rs. In lacks)	Maintenance cost (Rs. In lacks)
1.	RRSMP/24- 25/Lakhisarai/04	22.760	1532.78203	166.23927
Total		22.76	1532.78203	166.23927


Krishabh Nirman Pvt. Ltd.
(Director)


Executive Engineer
RWD Works Division
Lakhisarai
Rakhi
30.5.25

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

AGREEMENT NO:- 04/CMBD/2025-26

NAME OF WORK: - RRSMP/24-25/Lakhisarai/04 Package Under of Block in
Halsi, Under RRSMP(MMGSUY) in Lakhisarai District.

NAME OF AGENCY:- Krishabh Nirman Pvt. Ltd.,
Road No.-3, Sanjay Gandhi Nagar,
Kankarbagh, Patna- 800026

Reference :- Chief Engineer-3,
Bhagalpur, R.W.D, Bihar, Patna
Vide Letter No. 445 Date :- 07.05.2025

AGREEMENT AMOUNT – Main work:- 15,32,78,203.00
Maintenance work:- 1,66,23,927.00
Total Amount: - 16,99,02,130.00

Performance Security :- Deposited @ 5 % & Next 5 % deducted from Bill

Date of Agreement :- 30.05.2025

Date of Completion :- 29.05.2026

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

Rate Quoted :- 1 % below (One percent below)

Krishabh Nirman Pvt. Ltd.

Contractor Signature
(Director)

[Signature]
30/5/25

[Signature]
30/5/25
Executive Engineer
RWD Works Division
Lakhisarai

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Sethna Salaunza Nahar Road To Baailtpur				
Block :	Halsi	District :		LAKHISARAI	
Length :	2.000 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.40	Ha	73248.75	29299.50
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. For 1000 m lead @ 20 %	292.00	Cum	243.88	71212.96
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. For 100 m lead @ 80 %	1168.00	Cum	162.93	190305.77
4	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.	117.21	Cum	1813.79	212599.04
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.	98.14	Cum	3224.87	316479.26
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.	1308.49	Sqm	54.93	71875.58
7	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503.	6120.00	Sqm	15.94	97552.80

Krishabh Nirman Pvt. Ltd.
 22/12/2012
 (Director)

AS

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
18	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	45.00	RM	932.66	41969.76
	Parapet Repair				
19	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	0.00	cum	6219.66	0.00
20	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	85.76	sqm	178.32	15292.72
21	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	85.76	sqm	128.93	11057.04
	Total				4816907.10
22	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	2324296.00	2324296.00
	1% LABOUR CESS	1.00	RS	48169.07	71412.03
	Seigniorage Fee	1.00	RS	63847.63	63847.63
	18 % GST	1.00	RS	887206.29	1309763.30
	Total Construction Cost			A	8586226.07
23	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	208800.00	208800.00
	II nd Year	1.00	Year	273500.00	273500.00
	III rd Year	1.00	Year	290400.00	290400.00
	IV th Year	1.00	Year	278000.00	278000.00
	VI th Year	1.00	Year	167600.00	167600.00
	VII th Year	1.00	Year	203000.00	203000.00
	Total				1421300.00
	1% LABOUR CESS	1.00	RS	14213.00	14213.00
	Seigniorage Fee	1.00	RS	15254.50	15254.50
	18 % GST	1.00	RS	261138.15	261138.15
	Total Maintenance Cost			B	1711905.65
	Grand Total Cost (A+B)				10298131.71

Krishabh Nirman Pvt. Ltd.

(Director)

AS
9/3/24
ER

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	L028-T02 To BEHRAMA (TRACK28)				
Block	Halsi	District :		LAKHISARAI	
Length :	2.410 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.48	Ha	73248.75	35305.90
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. For 1000 m lead @ 20 %	314.55	Cum	243.88	76712.45
4	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. For 100 m lead @ 80 %	1258.20	Cum	162.93	205002.33
5	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.	170.13	Cum	1813.79	308571.30
6	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.	109.03	Cum	3224.87	351598.59
7	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502.	1453.70	Sqm	54.93	79851.53
8	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503.	6120.00	Sqm	15.94	97552.80

Krishabh Nirman Pvt. Ltd.

 (Director)



Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	8.01	cum	6363.43	50971.07
34	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	0.91	MT	67941.37	62098.41
35	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	15.00	RM	53.13	796.95
36	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutement, 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	32.00	Nos.	345.98	11071.36
37	Drainage spouts complete as per drawing and technical specifications Clause 1209.	2.00	Nos.	995.29	1990.58
	Painting on Parapet Wall Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered /	29.76	sqm	128.93	3836.96
	Total				8470709.52
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	2385345.00	2385345.00
	1% LABOUR CESS	1.00	RS	84707.10	108560.55
	Seigniorage Fee	1.00	RS	149018.00	149018.00
	18 % GST	1.00	RS	1566798.23	2000453.95
	Total Construction Cost			A	13114087.01
38	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	241100.00	241100.00
	II nd Year	1.00	Year	307800.00	307800.00
	III rd Year	1.00	Year	324700.00	324700.00
	IV th Year	1.00	Year	312300.00	312300.00
	VI th Year	1.00	Year	212700.00	212700.00
	VII th Year	1.00	Year	247900.00	247900.00
	Total				1646500.00
	1% LABOUR CESS	1.00	RS	16465.00	16465.00
	Seigniorage Fee	1.00	RS	16698.71	16698.71
	18 % GST	1.00	RS	302339.47	302339.47
	Total Maintenance Cost			B	1982003.18
	Grand Total Cost (A+B)				15096090.19

Krishabh Nirman Pvt Ltd

(Director)

[Signature]
9/11/25
B.R.

RURAL WORKS DEPARTMENT (MMGSUY)					
BILL OF QUANTITIES (BOQ)					
Name of Road :	Lakhisarai Sikandra Path To Halsi Block Office				
Block :	Halsi	District :		LAKHISARAI	
Length :	1.300 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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 E/L	0.26	Ha	73248.75	19044.68
2	Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	118.13	Cum	95.97	11336.94
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 For 1000 m lead @ 20 %	49.50	Cum	243.88	12072.06
4	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 For 100 m lead @ 80 %	198.00	Cum	162.93	32260.74
5	<u>Granular Sub-base with Well Graded Material(Grade 2) :</u> 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.	232.74	Cum	1813.79	422141.48
6	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406.	165.38	Cum	2921.24	483100.47

Krishabh Nirman Pvt. Ltd.
3-11-2024
Director

AD

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

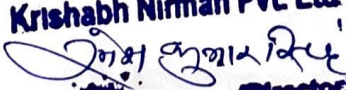
Name of Road :	L073-TO5 SH To SILWAY (TRACK73)				
Block	Halsi	District :		LAKHISARAI	
Length :	3.600 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, 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 F/L	0.72	Ha	73248.75	52739.10
2	Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per Technical Specification Clause 301.4.	900.00	Sqm	19.02	17118.00
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 For 1000 m lead @ 20 %	527.88	Cum	243.88	128738.40
4	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 For 100 m lead @ 80 %	2111.50	Cum	162.93	344033.72
5	<u>Granular Sub-base with Well Graded Material(Grade 2) :</u> 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.	74.73	Cum	1813.79	135552.64
6	<u>Water Bound Macadam Gr III :</u> 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.	108.49	Cum	3224.87	349870.01
7	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502	7566.55	Sqm	54.93	415630.55
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 hydrilloc broom as per technical specification clause 503.	11092.50	Sqm	18.89	209537.33

Krishabh Nirman Pvt. Ltd



(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
33	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	0.00	cum	6219.66	0.00
34	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	64.32	sqm	178.32	11469.54
35	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	64.32	sqm	128.93	8292.78
	RCC Slab Culvert				
36	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.	173.50	cum	386.53	67063.34
37	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	3.03	cum	537.49	1630.73
38	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	26.37	cum	5032.63	132695.36
39	Providing PCC M 20 (1:2:4) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	113.37	cum	5541.48	628254.21
40	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204. (M20 (PCC 1:2:4)	87.07	cum	5810.29	505919.38
41	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	15.42	cum	6279.01	96822.33
42	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	11.70	cum	6363.43	74426.68
43	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	1.41	MT	67941.37	95593.51
44	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	27.00	RM	53.13	1434.51
45	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutement, 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	64.00	Nos.	345.98	22142.72
46	Drainage spouts complete as per drawing and technical specifications Clause 1209.	4.00	Nos.	995.29	3981.16
47	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	56.32	sqm	128.93	7261.34
	Total				17070798.83
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	4209030.00	4209030.00
	1% LABOUR CESS	1.00	RS	212798.29	212798.29
	Seigniorage Fee	1.00	RS	217900.00	217900.00
	18 % GST	1.00	RS	3907894.88	3907894.88
	Total Construction Cost			A	25618422.00

Krishabh Nirman Pvt. Ltd.

 (Director)



Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	411200.00	411200.00
	II nd Year	1.00	Year	751300.00	751300.00
	III rd Year	1.00	Year	733400.00	733400.00
	IV th Year	1.00	Year	489100.00	489100.00
	VI th Year	1.00	Year	337900.00	337900.00
	VII th Year	1.00	Year	386100.00	386100.00
	Total				3109000.00
	1% LABOUR CESS	1.00	RS	31090.00	31090.00
	Seigniorage Fee	1.00	RS	27560.71	27560.71
	18 % GST	1.00	RS	570177.13	570177.13
	Total Maintenance Cost			B	3737827.84
	Grand Total Cost (A+B)				29356249.84

18/3/25
RE

E E Letter No. 410 Dt. 10-3-25
 Construction Cost Rs. 25618422=00
 6 yrs Maintenance Cost Rs. 3737827=84
 Total Cost Rs. 29356249=84
 BOQ Approved For Rs. 29356200=00
 (Rupees Two crore ninety three lakh
fifty six thousand two hundred
including 6 yrs Mainte
0/ to 49


 Krishabh Nigam Pvt Ltd
 (Director)


 Superintendent Engineer
 Rural Works Department
 Works Circle, Munger
18/3/25

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Lakhisarai Sikandara Path To Ghogsa Gramin Path				
Block :	Halsi	District :		LAKHISARAI	
Length :	1.200 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.24	Ha	73248.75	17579.70
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. For 1000 m lead @ 20 %	66.00	Cum	243.88	16096.08
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. For 100 m lead @ 80 %	264.00	Cum	162.93	43014.32
4	Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing .	489.53	Cum	6344.21	3105649.26
	Kilometre stone				
5	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	i) 5th km stone	0.00	No.	4419.95	0.00
ii	ii) Km stone	2.00	No.	2368.47	4736.94
iii	iii) 200 m stone	5.00	No.	694.36	3471.80


K. N. Mishra Pvt. Ltd.
(Director)



Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
13	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	178680.00	178680.00 ✓
	1% LABOUR CESS	1.00	RS	53075.71	54862.51
	Seigniorage Fee	1.00	RS	53356.88	53356.88
	18 % GST	1.00	RS	974520.59	1007004.62 ✓
	Total Construction Cost			A	6601474.71
14	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	54200.00	54200.00 ✓
	II nd Year	1.00	Year	54200.00	54200.00 ✓
	III rd Year	1.00	Year	54200.00	54200.00 ✓
	IV th Year	1.00	Year	54200.00	54200.00 ✓
	VI th Year	1.00	Year	54200.00	54200.00 ✓
	VII th Year	1.00	Year	54200.00	54200.00 ✓
	Total				325200.00
	1% LABOUR CESS	1.00	RS	3252.00	3252.00
	Seigniorage Fee	1.00	RS	4226.96	4226.96
	18 % GST	1.00	RS	59882.21	59882.21
	Total Maintenance Cost			B	392561.17 ✓
	Grand Total Cost (A+B)				6994035.89 ✓

AP 07/3/25
FR

Estimate No.
 Construction Cost Rs. 6601474 = 71
 6 yrs Maintenance Cost Rs. 392561 = 17
 Total Cost Rs. 6994035 = 89
 BOQ Approved For Rs. 6994000 = 00
 (Rupees) Sixty Nine Lakh Ninety
four thousand
 including 6 yrs Maintenance
 01 to 14

Krishabh Nirman Pvt. Ltd.
 27/01/2025
 (Director)

Superintendent Engineer
 Rural Works Department
 Works Circle, Munger
 10/3/25

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Punrahi Yadav Tola To T01 Pratappur				
Block :	Halsi	District :		LAKHISARAI	
Length :	1.260 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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 F/L	0.25	Ha	73248.75	18458.69
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 For 1000 m lead @ 70 %	297.68	Cum	243.88	72597.22
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 For 100 m lead @ 80 %	1190.70	Cum	162.93	194005.00
4	Dismantling of cement concrete pavements by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 m, stacking serviceable and unserviceable materials separately	438.75	Cum	1709.22	749920.28
5	<u>Granular Sub-base with Well Graded Material(Grade 2) :</u> 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.	70.88	Cum	1813.79	128552.37
6	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406.	602.44	Cum	2921.24	1759865.99
7	Providing and applying primer coat with Bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70- 1.0 kg/sqm using mechanical means as per Technical Specification Clause 502	4819.50	Sqm	54.93	264735.14

Krishabh Nirman Pvt. Ltd.

(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
36	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	32.00	Nos.	345.98	11071.36 ✓
37	Drainage spouts complete as per drawing and technical specifications Clause 1209.	2.00	Nos.	995.29	1990.58 ✓
38	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	26.56	sqm	128.93	3424.38 ✓
	Total				6817832.39
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	1783511.00	1783511.00 ✓
	1% LABOUR CESS	1.00	RS	86013.43	86013.43
	Seigniorage Fee	1.00	RS	121017.79	121017.79
	18 % GST	1.00	RS	1585507.43	1585507.43
	Total Construction Cost			A	10393882.04
	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	153000.00	153000.00 ✓
	II nd Year	1.00	Year	204800.00	204800.00 ✓
	III rd Year	1.00	Year	217300.00	217300.00 ✓
	IV th Year	1.00	Year	206300.00	206300.00 ✓
	VI th Year	1.00	Year	126300.00	126300.00 ✓
	VII th Year	1.00	Year	153600.00	153600.00 ✓
	Total				1061300.00
	1% LABOUR CESS	1.00	RS	10613.00	10613.00
	Seigniorage Fee	1.00	RS	10903.34	10903.34
	18 % GST	1.00	RS	194906.94	194906.94
	Total Maintenance Cost			B	1277723.28 ✓
	Grand Total Cost (A+B)				11671605.33 ✓

AD
10/3/25
ER

E E Letter No. 410 Dt 10-03/25
 Construction Cost Rs. 10393882.04
 6 yrs Maintenance Cost Rs. 1277723.28
 Total Cost Rs. 11671605.33
 BOQ Approved For Rs. 11671600.00
 Rupees one crore sixteen lakh
seventy one thousand six hundred
including 6 yrs maintenance
 01/10/2025 38

Krishabh Nirman Pvt Ltd
(Signature)
 (Director)

(Signature)
 Superintendent Engineer
 Rural Works Department
 Works Circle, Munger
 10/3/25

RURAL WORKS DEPARTMENT (MMGSUY)					
BILL OF QUANTITIES (BOQ)					
Name of Road :	Pratappur To Khuryarl (Rescind)				
Block :	Halsi	District :		LAKHISARAI	
Length :	2.740 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.55	Ha	73248.75	40140.32
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. For 1000 m lead @ 20 %	219.10	Cum	243.88	53434.11
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. For 100 m lead @ 80 %	876.40	Cum	162.93	142794.50
4	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m , transporting to the 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 Technical Specification Clause 301.5 . (Including Royalty & Labour Cess)	0.00	Cum	243.88	0.00
5	For 100 m lead	0.00	Cum	162.93	0.00
6	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	186.53	Cum	1813.79	338322.78
7	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406	413.10	Cum	2921.24	1206765.25
8	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.	4131.00	Sqm	54.93	226915.83
9	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	4131.00	Sqm	18.89	78034.59
10	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared bituminous surface cleaned with Hydraulic broom as per Technical Specification Clause 503.	4131.00	Sqm	15.94	65848.14

Krishabh Nirman Pvt. Ltd.

(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
28	Providing concrete(M15) for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	60.00	Cum	5032.63	301957.80
29	Providing concrete for Reinforced concrete(M25) in open foundation complete as per drawings and technical specifications Clause 802,803,1202 & 1203.	315.00	Cum	6363.43	2004480.45
30	Providing HYSD Bars in R.C.C grade M-25	22.68	MT	66260.25	1502782.47
31	Providing Grit.	67.00	MT	25.00	1675.00
	Irrigation Pipe (300MM Dia)				
32	Providing and laying of a reinforced cement concrete pipe duct,300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills,constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997,bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, Invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	37.50	RM	932.66	34974.80
	Parapet Repair				
33	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	2.95	cum	6219.66	18348.00
33	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	77.60	sqm	178.32	13837.63
34	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	77.60	sqm	128.93	10004.97
	Total				16376330.60
35	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared	4131.00	sqm	15.94	65848.14
36	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	103.28	Cum	12817.58	1323799.66
37	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.	216.00	sqm	644.04	139112.64
38	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.	332.00	sqm	744.50	247174.00
	5TH YEAR PERIODIC RENEWAL COST .				1775934.44
	Total Construction Cost+ RENEWAL COST				18152265.05
	1% LABOUR CESS	1.00	RS	181522.65	181522.65
	Seigniorage Fee	1.00	RS	194112.10	194112.10
	18 % GST	1.00	RS	3335021.96	3335021.96
	Total Construction Cost			A	21862921.76
39	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	226800.00	226800.00
	II nd Year	1.00	Year	265800.00	265800.00
	III rd Year	1.00	Year	271300.00	271300.00
	IV th Year	1.00	Year	257000.00	257000.00
	VI th Year	1.00	Year	209300.00	209300.00
	VII th Year	1.00	Year	226900.00	226900.00
	Total				1457100.00
	1% LABOUR CESS	1.00	RS	14571.00	14571.00
	Seigniorage Fee	1.00	RS	15200.00	15200.00
	18 % GST	1.00	RS	267636.78	267636.78
	Total Maintenance Cost			B	1754507.78
	Grand Total Cost (A+B)				23617429.54

Krishabh Nirman Pvt. Ltd.

(Director)

AB 03/15
EE

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Pmgsy khairma To kanchanpur mushahari				
Block :	Halsi	District :		LAKHISARAI	
Length :	1.200 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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 F/I	0.24	Ha	73248.75	17579.70
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 For 1000 m lead @ 20 %	202.50	Cum	243.88	49385.70
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 For 100 m lead @ 80 %	810.00	Cum	162.93	131975.75
4	<u>Granular Sub-base with Well Graded Material(Grade 2) :</u> 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.	116.99	Cum	1813.79	212190.99
5	<u>Water Bound Macadam Gr III :</u> 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.	110.60	Cum	3224.87	356686.51
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	1474.73	Sqm	54.93	81007.05
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 hydriloc broom as per technical specification clause 503.	4590.00	Sqm	18.89	86705.10

Krishabh Nirman Pvt. Ltd

(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
33	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	4.29	MT	67941.37	291583.32
34	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	22.50	RM	53.13	1195.43
35	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutement, 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	30.00	Nos.	345.98	10379.40
36	Drainage spouts complete as per drawing and technical specifications Clause 1209.	8.00	Nos.	995.29	7962.32
37	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	0.00	sqm	128.93	0.00
	Total				7538576.97
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	1698552.00	1698552.00
	1% LABOUR CESS	1.00	RS	92371.29	92371.29
	Seigniorage Fee	1.00	RS	50900.00	50900.00
	18 % GST	1.00	RS	1688472.05	1688472.05
	Total Construction Cost			A	11068872.30
	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	162200.00	162200.00
	II nd Year	1.00	Year	204900.00	204900.00
	III rd Year	1.00	Year	211000.00	211000.00
	IV th Year	1.00	Year	195100.00	195100.00
	VI th Year	1.00	Year	135800.00	135800.00
	VII th Year	1.00	Year	155800.00	155800.00
	Total				1064800.00
	1% LABOUR CESS	1.00	RS	10648.00	10648.00
	Seigniorage Fee	1.00	RS	10384.13	10384.13
	18 % GST	1.00	RS	195449.78	195449.78
	Total Maintenance Cost			B	1281281.92
	Grand Total Cost (A+B)				12350154.22


 Krishnakrishnan P. V. Ltd.
 (Director)


 9/13/15
 ER

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Sikandra Sheikhpura path To Chori Gaon				
Block	Halsi	District :		LAKHISARAI	
Length :	2.580 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.52	Ha	73248.75	37796.36
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. For 1000 m lead @ 20 %	765.78	Cum	243.88	186757.45
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. For 100 m lead @ 80 %	3063.10	Cum	162.93	499080.79
4	<u>Granular Sub-base with Well Graded Material(Grade 2)</u> : 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.	138.32	Cum	1813.79	250887.94
5	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406	659.81	Cum	2921.24	1927472.28
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.	8797.50	Sqm	54.93	483246.68

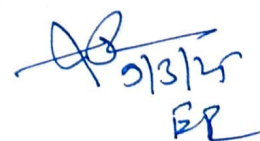
(Signature)

Krishabb Nirman Pvt Ltd

(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
39	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	6.67	cum	6279.01	41893.55
40	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	3.69	cum	6363.43	23455.60
41	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	0.49	MT	67941.37	33495.10
42	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	12.00	RM	53.13	637.56
43	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutement, 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	32.00	Nos.	345.98	11071.36
44	Drainage spouts complete as per drawing and technical specifications Clause 1209.	2.00	Nos.	995.29	1990.58
45	Painting on Parapet Wall Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered /	26.56	sqm	128.93	3424.38
	Total				14438466.42
46	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	3297281.00	3297281.00
	1% LABOUR CESS	1.00	RS	144384.66	177357.47
	Seigniorage Fee	1.00	RS	181400.00	181400.00
	18 % GST	1.00	RS	2657565.20	3257010.88
	Total Construction Cost			A	21351515.78
47	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	315100.00	315100.00
	II nd Year	1.00	Year	396100.00	396100.00
	III rd Year	1.00	Year	407800.00	407800.00
	IV th Year	1.00	Year	376800.00	376800.00
	VI th Year	1.00	Year	257200.00	257200.00
	VII th Year	1.00	Year	295400.00	295400.00
	Total				2048400.00
	1% LABOUR CESS	1.00	RS	20484.00	20484.00
	Seigniorage Fee	1.00	RS	20900.00	20900.00
	18 % GST	1.00	RS	376161.12	376161.12
	Total Maintenance Cost			B	2465945.12
	Grand Total Cost (A+B)				23817460.90


Krishabh Nirman Pvt. Ltd.
(Director)


 21/3/25
 ER

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Rata To Mushahari				
Block	Halsi	District :		LAKHISARAI	
Length :	1.000 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.20	Ha	73248.75	14649.75
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. For 1000 m lead @ 20 %	55.00	Cum	243.88	13413.40
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. For 100 m lead @ 80 %	220.00	Cum	162.93	35845.26
4	Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing.	501.56	Cum	6344.21	3182017.68
	Kilometre stone				
5	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	i) 5th km stone	0.00	No.	4419.95	0.00
ii	ii) Km stone	2.00	No.	2368.47	4736.94
iii	iii) 200 m stone	4.00	No.	694.36	2777.44

Krishabh Nirman Pvt Ltd.

(Director)

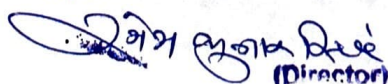
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
18	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	0.00	cum	6219.66	0.00
19	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	28.48	sqm	178.32	5078.55
20	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	28.48	sqm	128.93	3671.93 ✓
	Total				5515399.53 ✓
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	148900.00	148900.00 ✓
	1% LABOUR CESS	1.00	RS	55154.00	56643.00
	Seigniorage Fee	1.00	RS	58300.00	58300.00
	18 % GST	1.00	RS	1013193.63	1040263.65
	Total Construction Cost			A	6819506.18
22	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	52900.00	52900.00 ✓
	II nd Year	1.00	Year	54100.00	54100.00 ✓
	III rd Year	1.00	Year	54100.00	54100.00 ✓
	IV th Year	1.00	Year	54100.00	54100.00 ✓
	VI th Year	1.00	Year	59700.00	59700.00 ✓
	VII th Year	1.00	Year	59900.00	59900.00 ✓
	Total				334800.00
	1% LABOUR CESS	1.00	RS	3348.00	3348.00
	Seigniorage Fee	1.00	RS	3522.47	3522.47
	18 % GST	1.00	RS	61500.68	61500.68
	Total Maintenance Cost			B	403171.15 ✓
	Grand Total Cost (A+B)				7222677.33 ✓


 Krishnakrishnan Nirmalan
 (Director)

A02
 5/3/25
 ER

RURAL WORKS DEPARTMENT (MMGSUY)					
BILL OF QUANTITIES (BOQ)					
Name of Road :	T02 (Gerua Pursanda) - To Pursanda				
Block	Halsi	District :		LAKHISARAI	
Length :	1.180 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.24	Ha	73248.75	17286.71
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. For 1000 m lead @ 20 %	64.90	Cum	243.88	15827.81
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. For 100 m lead @ 80 %	259.60	Cum	162.93	42297.41
4	<u>Granular Sub-base with Well Graded Material(Grade 2)</u> : 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.	10.97	Cum	1813.79	19895.01
5	Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing.	619.51	Cum	6344.21	3930270.27
	Kilometre stone				
6	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.				

Krishabh Nirman Pvt. Ltd.


 (Director)



Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
18	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing 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 - 600 mm Dia Pipe	65.89	rm	178.32	11749.68
19	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	13.26	Sqm	60.72	805.15
	Parapet Repair				
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	19.20	cum	6219.66	119417.47
21	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	172.80	sqm	178.32	30813.70
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	172.80	sqm	128.93	22279.10
	Total				4774242.56
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	175702.00	175702.00
	1% LABOUR CESS	1.00	RS	47742.43	49499.45
	Seigniorage Fee	1.00	RS	90400.00	90400.00
	18 % GST	1.00	RS	884229.30	916171.92
	Total Construction Cost			A	6006015.92
23	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	64000.00	64000.00
	II nd Year	1.00	Year	65800.00	65800.00
	III rd Year	1.00	Year	65800.00	65800.00
	IV th Year	1.00	Year	65800.00	65800.00
	VI th Year	1.00	Year	72000.00	72000.00
	VII th Year	1.00	Year	72500.00	72500.00
	Total				405900.00
	1% LABOUR CESS	1.00	RS	4059.00	4059.00
	Seigniorage Fee	1.00	RS	4156.51	4156.51
	18 % GST	1.00	RS	74540.79	74540.79
	Total Maintenance Cost			B	488656.30
	Grand Total Cost (A+B)				6494672.22

Krishna Nirman Pvt. Ltd.

 Director


 2/3/25
 EE

RURAL WORKS DEPARTMENT (MMGSUY)					
BILL OF QUANTITIES (BOQ)					
Name of Road :	Nauma Lahuara sadak To shiv temple				
Block	Halsi	District :		LAKHISARAI	
Length :	0.700 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.14	Ha	73248.75	10254.83
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. For 1000 m lead @ 20 %	38.50	Cum	243.88	9389.38
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. For 100 m lead @ 80 %	154.00	Cum	162.93	25091.69
4	Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing.	367.51	Cum	6344.21	2331529.42
Kilometre stone					
5	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	i) 5th km stone	0.00	No.	4419.95	0.00
ii	ii) Km stone	2.00	No.	2368.47	4736.94
iii	iii) 200 m stone	3.00	No.	694.36	2083.08

Krishna Nirman Pvt. Ltd.

(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
10	Earth work in excavation of foundation trenches :- 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.	126.00	Cum	386.53	48702.78
11	Providing concrete(M15) for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	18.00	Cum	5032.63	90587.34
12	Providing concrete for Reinforced concrete(M25) in open foundation complete as per drawings and technical specifications Clause 802,803,1202 & 1203.	94.50	Cum	6363.43	601344.14
	Providing HYSD Bars in R.C.C grade M-25	6.80	MT	66260.25	450569.70
	Providing Grit.	20.00	sqm	25.00	500.00
	Total				3744943.62
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	104230.00	104230.00
	1% LABOUR CESS	1.00	RS	37449.44	38491.74
	Seigniorage Fee	1.00	RS	40018.10	40018.10
	18 % GST	1.00	RS	688034.01	706983.02
	Total Construction Cost			A	4634666.48
13	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	31600.00	31600.00
	II nd Year	1.00	Year	31600.00	31600.00
	III rd Year	1.00	Year	31600.00	31600.00
	IV th Year	1.00	Year	31600.00	31600.00
	VI th Year	1.00	Year	31600.00	31600.00
	VII th Year	1.00	Year	31600.00	31600.00
	Total				189600.00
	1% LABOUR CESS	1.00	RS	1896.00	1896.00
	Seigniorage Fee	1.00	RS	2465.73	2465.73
	18 % GST	1.00	RS	34913.11	34913.11
	Total Maintenance Cost			B	228874.84
	Grand Total Cost (A+B)				4863541.32

E E Letter No. 410 Dt. 10/3/25
 Construction Cost Rs. 4634666.48
 5 yrs Maintenance Cost Rs. 228874.84
 Total Cost Rs. 4863541.32
 Pmt Approved For Rs. 4863500.00
 Rupees Forty eight lakh sixty three thousand five hundred only!
 including 6 yrs Maintenance Vids
 0/10 13

Krishabh Nirman Pvt. Ltd
 (Director)

Superintendent Engineer
 Rural Works Department
 Works Circle, Munger

RURAL WORKS DEPARTMENT (MMGSUY)					
BILL OF QUANTITIES (BOQ)					
Name of Road :	REO Pratappur To Kakrori Chandravansi Tola				
Block :	Halsi	District :		LAKHISARAI	
Length :	0.800 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.16	Ha	73248.75	11719.80
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. For 1000 m lead @ 20 %	44.00	Cum	243.88	10730.72
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. For 100 m lead @ 80 %	176.00	Cum	162.93	28676.21
4	Dismantling of cement concrete pavements by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 m, stacking serviceable and unserviceable materials separately	75.00	Cum	1709.22	128191.50
5	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406	57.38	Cum	2921.24	167606.28

Krishabh Nirman Pvt. Ltd

[Signature]
(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
17	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	7.50	RM	932.66	6994.96 ✓
	Total				4167216.16
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	119120.00	119120.00 ✓
	1% LABOUR CESS	1.00	RS	41672.16	42863.36
	Seigniorage Fee	1.00	RS	68235.99	68235.99
	18 % GST	1.00	RS	769882.38	791538.39
	Total Construction Cost			A	5188973.91 -
18	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	36200.00	36200.00 ✓
	II nd Year	1.00	Year	36200.00	36200.00 ✓
	III rd Year	1.00	Year	36200.00	36200.00 ✓
	IV th Year	1.00	Year	36200.00	36200.00 ✓
	VI th Year	1.00	Year	36200.00	36200.00 ✓
	VII th Year	1.00	Year	36200.00	36200.00 ✓
	Total				217200.00
	1% LABOUR CESS	1.00	RS	2172.00	2172.00
	Seigniorage Fee	1.00	RS	2817.97	2817.97
	18 % GST	1.00	RS	39994.20	39994.20
	Total Maintenance Cost			B	262184.17 ✓
	Grand Total Cost (A+B)				5451158.08 -

E. E. Letter No. 410 10/3/25
 Construction Cost Rs. 5188973.91
 5 yrs Maintenance Cost Rs. 262184.17
 Total Cost Rs. 5451158.08
 BOQ Approved For Rs. 5451200.00
 (Rupees) Fifty four lakh fifty one
thousand two hundred
including 6 yrs Maintenance cost
01/18

Krishabh Nigam Pvt Ltd

(Director)

Superintendent Engineer
Rural Works Department
Works Circle, Munger

10/3/25

RURAL WORKS DEPARTMENT (MMGSUY)					
BILL OF QUANTITIES (BOQ)					
Name of Road :	Halsi Purani Chowk To Halsi Gramin Path				
Block :	Halsi	District :		LAKHISARAI	
Length :	0.550 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.11	Ha	73248.75	8057.36
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. For 1000 m lead @ 20 %	30.25	Cum	243.88	7377.37
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. For 100 m lead @ 80 %	121.00	Cum	162.93	19714.90
4	Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing .	288.75	Cum	6344.21	1831874.38
Kilometre stone					
5	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	i) 5th km stone	0.00	No.	4419.95	0.00
ii	ii) Km stone	2.00	No.	2368.47	4736.94
iii	iii) 200 m stone	2.00	No.	694.36	1388.72

452

Krishabh Nirman Pvt. Ltd
(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
6	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	1.00	Nos	3902.89	3902.89 ✓
	600 mm circular	1.00	Nos	3850.90	3850.90 ✓
	600 mm x 450 mm rectangular	1.00	Nos	3716.15	3716.15 ✓
	900 mm side octagon	1.00	Nos	7883.08	7883.08 ✓
7	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.				
i	At Edge For BT Portion	0.00	Sqm	644.04	0.00
ii	At Edge For Old CC Portion	110.00	Sqm	744.50	81895.00 ✓
8	(I) Providing and Fixing 'Logo' of MMGSUY Project :- Providing and fixing of typical MMGSUY 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	4.00	No.	10476.57	41906.28 ✓
	Cross Drainage Works/Protection/Repair				
	Total				2016303.96
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	81895.00	81895.00 ✓
	1% LABOUR CESS	1.00	RS	20163.04	20981.99
	Seigniorage Fee	1.00	RS	31442.08	31442.08
	18 % GST	1.00	RS	372223.64	387112.15
	Total Construction Cost			A	2537735.18 ✓
9	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	24900.00	24900.00 ✓
	II nd Year	1.00	Year	24900.00	24900.00 ✓
	III rd Year	1.00	Year	24900.00	24900.00 ✓
	IV th Year	1.00	Year	24900.00	24900.00 ✓
	VI th Year	1.00	Year	24900.00	24900.00 ✓
	VII th Year	1.00	Year	24900.00	24900.00 ✓
	Total				149400.00 ✓
	1% LABOUR CESS	1.00	RS	1494.00	1494.00
	Seigniorage Fee	1.00	RS	1937.36	1937.36
	18 % GST	1.00	RS	27509.64	27509.64
	Total Maintenance Cost			B	180341.00 ✓
	Grand Total Cost (A+B)				2718076.18 ✓

Krishabh Nirman Pvt. Ltd

(Director)

AP 5/3/25
BR

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Silwe REO path To Muslim Tola Silwe				
Block	Halsi	District :		LAKHISARAI	
Length :	0.310 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.06	Ha	73248.75	4541.42
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. For 1000 m lead @ 20 %	17.05	Cum	243.88	4158.15
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. For 100 m lead @ 80 %	68.20	Cum	162.93	11112.03
4	Construction of un-reinforced, plain cement concrete pavement (M35 Grade) over a prepared sub base with 43 grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form paver, spread, compacted and finished in a continuous operation including provision of 0.5 x 0.5 panel, joint filler, separation membrane, sealant primer, joint sealant, debonding strip as approved, curing compound, finishing to lines and grades as per drawing.	162.75	Cum	6344.21	1032503.95
	Kilometre stone				
5	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	i) 5th km stone	0.00	No.	4419.95	0.00
ii	ii) Km stone	1.00	No.	2368.47	2368.47
iii	iii) 200 m stone	2.00	No.	694.36	1388.72

Krishabh Nirman Pvt. Ltd.

(Director)

Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
10	Earth work in excavation of foundation trenches :- Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including	38.50	Cum	386.53	14881.41
11	Providing concrete(M15) for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	5.50	Sqm	5032.63	27679.47
12	Providing concrete for Reinforced concrete(M25) in open foundation complete as per drawings and technical specifications Clause 802,803,1202 & 1203.	31.50	Cum	6363.43	200448.05
13	Providing HYSD Bars in R.C.C grade M-20. (Taken 4% of Concrete).	2.27	Cum	66260.25	150410.77
14	Providing Grit.	7.00	Cum	25.00	175.00
	Irrigation Pipe (300MM Dia)				
15	Providing and laying of a reinforced cement concrete pipe duct,300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills,constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997,bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	7.50	RM	932.66	6994.96
	Total				1585847.97
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	46159.00	46159.00
	1% LABOUR CESS	1.00	RS	15858.48	16320.07
	Seigniorage Fee	1.00	RS	17700.00	17700.00
	18 % GST	1.00	RS	291493.16	299884.87
	Total Construction Cost			A	1965911.91
16	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	14000.00	14000.00
	II nd Year	1.00	Year	14000.00	14000.00
	III rd Year	1.00	Year	14000.00	14000.00
	IV th Year	1.00	Year	14000.00	14000.00
	VI th Year	1.00	Year	14000.00	14000.00
	VII th Year	1.00	Year	14000.00	14000.00
	Total				84000.00
	1% LABOUR CESS	1.00	RS	840.00	840.00
	Seigniorage Fee	1.00	RS	1091.96	1091.96
	18 % GST	1.00	RS	15467.75	15467.75
	Total Maintenance Cost			B	101399.72
	Grand Total Cost (A+B)				2067311.62


Krishabh Nirman Pvt. Ltd.
 (Director)


 ER

RURAL WORKS DEPARTMENT (MMGSUY)

BILL OF QUANTITIES (BOQ)

Name of Road :	Lakhisarai Sikandra Path To Purvi Gidha Packs Godown				
Block	Halsi	District :		LAKHISARAI	
Length :	0.200 km	Division:-		LAKHISARAI	
Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
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	0.04	Ha	73248.75	2929.95
2	Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	30.00	Cum	95.97	2879.10
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. For 1000 m lead @ 20 %	14.00	Cum	243.88	3414.32
4	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. For 100 m lead @ 80 %	56.00	Cum	162.93	9124.25
5	Dismantling of cement concrete pavements by mechanical means using pneumatic tools breaking to pieces not exceeding 0.02 cum in volume and stock piling at designated locations and disposal of dismantled materials upto a lead of 1000 m, stacking serviceable and unserviceable materials separately	61.00	Cum	1709.22	104262.42
6	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.	15.00	Cum	1813.79	27206.85
7	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406	76.50	Cum	2921.24	223475.05

Krishna Nirman Pvt Ltd


Director



Sl. No.	Description of Items	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
28	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	6.67	cum	6279.01	41893.55
29	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	3.69	cum	6363.43	23455.60
30	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	0.49	MT	67941.37	33495.10
31	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	12.00	RM	53.13	637.56
32	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	24.00	Nos.	345.98	8303.52
33	Drainage spouts complete as per drawing and technical specifications Clause 1209.	2.00	Nos.	995.29	1990.58
	Painting on Parapet Wall Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered /	26.56	sqm	128.93	3424.38
	Total				1861296.06
	5TH YEAR PERIODIC RENEWAL COST .	1.00	RS	29780.00	29780.00
	1% LABOUR CESS	1.00	RS	18612.96	18910.76
	Seigniorage Fee	1.00	RS	32357.92	32357.92
	18 % GST	1.00	RS	344208.05	349622.05
	Total Construction Cost			A	2291966.80
34	6 YEAR MAINTENANCE COST				
	I st Year	1.00	Year	12100.00	12100.00
	II nd Year	1.00	Year	12700.00	12700.00
	III rd Year	1.00	Year	12700.00	12700.00
	IV th Year	1.00	Year	12700.00	12700.00
	VI th Year	1.00	Year	15500.00	15500.00
	VII th Year	1.00	Year	15500.00	15500.00
	Total				81200.00
	1% LABOUR CESS	1.00	RS	812.00	812.00
	Seigniorage Fee	1.00	RS	704.49	704.49
	18 % GST	1.00	RS	14888.97	14888.97
	Total Maintenance Cost			B	97605.46
	Grand Total Cost (A+B)				2389572.26

E E Letter No. 410 10/3/15
 Construction Cost Rs. 2291966.80
 5 yrs. Maintenance Cost Rs. 97605.46
 Total Cost Rs. 2389572.26
 BOQ Approved For Rs. 2389600.00
 Rupees Twenty three lakh eighty
Nine thousand six hundred
 including 5 yrs Mainte

01/10/15
 Krishabh Nirman Pvt. Ltd.
 Director

Superintendent Engineer
 Rural Works Department
 Works Circle, Munger