



Rural Works Department Government of Bihar



CONTRACT AGREEMENT DOCUMENT

Name of Work: Construction & 5-Year Maintenance of Road
Package no. – MR-N/23-24 KAHALGAON/04 under
MR-3054 Scheme

Name of Road :

1. Dadar to Meharpur (Tiklujanj) – 17.220 Km

Name of Agency: Krishabh Nirman Private Limited
Aspura House, Road No.-03, Sanjay Gandhi Nagar,
Kankarbagh, Patna-800020

Agreement Cost: **INR 26,90,96,931--00** (Twenty Six Crore Ninety Lakh Ninety Six Thousand Nine Hundred Thirty One Only) vide Department Letter No. मुख्य अभियन्ता-4, ग्रामीण कार्य विभाग, पटना का पत्रांक मु० अ०-4(मु०)- निविदा-04-406/2023 – 5487 (अनु०) पटना दिनांक 25.10.2023 एवं मुख्य अभियन्ता-2, ग्रामीण कार्य विभाग, पटना का पत्रांक 3511 दिनांक 26.10.2023।

Agreement No: - ...26.../MBD of Year 2023-24

Date of Work Start - 14.11.2023

Date of Work Complete - 13.08.2024

~~Krishabh Nirman Pvt. Ltd.~~

श्रीमश कुमर झा
(Director)

Executive Engineer

Rural Works Department
Rural Works Division Kahalgau

Agreement No...../MBD/2023-24

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दिनांक 26.10.2023।

Rate :

below 3.15 percent.

Amt. of Security Deposited

STDR:- Rs.

STDR : Rs.

Total Amt. Rs.

Date of Work Start

14.11.2023

Date of Work Complete

13.08.2024

Executive Engineer
Road Works Division
Kahalgaon



First Party Name * : Not Applicable
Second Party Name * : KRISHABH NIRMAN PVT LTD
Purchased By * : KRISHABH NIRMAN PVT LTD
Certificate Number : BR038161241699078853442
Consideration Price : ₹0.00/-
Stamp Duty Paid : ₹1,000.00/-
Registration Fee & Other Fees : ₹0.00/-
LLR & Proc Fee : ₹0.00/-
Miscellaneous Fees : ₹0.00/-
Discom SC : ₹0.00/-
Total Amount : ₹1,000.00/- (One Thousand)



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

Phone No
8010-10-10000 To
80000 800000000
For stamp to prove



₹ 0001000/-

ONE THOUSAND ONLY

Stamp Duty Paid
₹1,000.00

AGREEMENT FORM

This Agreement made the 14th day of November 2023 between Executive Engineer, RWD, Works Division, Kahalgaon [name and address of employer] (hereinafter called "the Employer") of the one part, and **Krishabh Nirman Pvt. Ltd.** Aspura House, Road No.-03, Sanjay Gandhi Nagar, Kankarbagh, Patna-800020 [name and address of contractor] (hereinafter called "the Contractor") of the other part.

Where as the Employer is desirous that the Contractor execute **Construction & 5-Year Maintenance of Road from Package no. MR-N/23-24 KAHALGAON/04** under MR-3054 Scheme (Block -Pirpainti) Details In BOQ (Which is Part of Agreement Paper) Tender ID -127138 BID ID -553443 [name and identification number of contract] (hereinafter called "the works") and 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:

Signature of Contractor

Signature of Contractor

Signature of Executive Engineer
Executive Engineer
RWD Works Division
Kahalgaon

14/11/23

1. Dadar to Meharpur (Tikluganj) – 17.220 Km

- i) **Construction Cost : Rs. 22,34,61,517.00** (Twenty Two Crore Thirty Four Lacs Sixty One Thousand Five Hundred Seventeen Only)
- ii) **Maintenance Cost : Rs. 4,56,35,414.00** (Four Crore Fifty Six Lacs Thirty Five Thousand Four Hundred Fourteen Only)

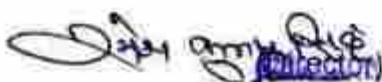
1st Year Maintenance cost	1181442
2nd Year Maintenance cost	1851955
3rd Year Maintenance cost	35383572
4th Year Maintenance cost	2068224
5th Year Maintenance cost	5150221
Total of maintenance cost	45635414

TOTAL: ₹ 26,90,96,931-00 (Twenty Six Crore Ninety Lakh Ninety Six Thousand Nine Hundred Thirty One Only)

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to form and be read and construed as a part of this Agreement.
2. In consideration of the payment to be made by 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 remedying the defects wherein Contract price or such other sum as may become payable under the provision of the Contract at the times and in the manner prescribed by the Contract.

~~Authorised~~ Nirman Pvt. Ltd.

 **Director**


Executive Engineer
Works Division
Kahalgau
14/11/23

4. The following documents shall be deemed to form and be read and construed as part of this Agreement viz.

- i. Letter of Acceptance;
- ii. Notice to proceed with the works;
- iii. Contractor's Bid
- iv. Contract Date
- v. Special Conditions of Contract and General Conditions of Contract;
- vi. Specification
- vii. Drawings
- viii. Bill of Quantities and
- ix. Any other document listed in the Contract Data as forming part of the contract.

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

The Common Seal of was here unto affixed in the presence of :

Signed, Sealed and Delivered by the said

In the presence of:

Binding Signature of Employer.....

~~Mishra~~ Nirman Pvt. Ltd.

Binding Signature of Contractor.....

(Director)


14/11/23
Executive Engineer
Roads & Works Division
Tijara
Kahalgau
14/11/23

MR-3054
BILL OF MATERIALS (BOM)

MH-3054

BILL OF MATERIALS (BOM)

Name of Road	Dahar Te Maharaj (Kahalgau)	District	Sprinkle		
Block	Prapant				
Length	17.22 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, weeds and trees of girth upto 200mm, 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-1	Hrs	2070	75573.34	238545555
2	Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of scarified material with a lift upto 12 m and lead upto 1000 m as per Technical Specification Clause 301.4.	Sqm	3054.375	25.320	77355.21
3	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	cum	1034.025	1793.000	3355172.24
4	Levelling, Leveling and Compacting original ground supporting embankment to facilitate placement of first layer of embankment, scarified to a depth of 150 mm, mixed with water at CMC and then compacted by rolling so as to achieve minimum dry density as given in Tables 300.1 and 300.2 for embankment construction as per Technical Specification Clause 301.4.1.	Cum	21925.700	51.435	1127777.25
5	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and 4325 transverse to side, spreading, grading to required slope and compacted to meet requirements of Table 300.2 with lead upto 100 m as per Technical Specification Clause 303.1.	Cum	12040.553	251.350	3025517.74
6	1st 12% Macadam providing, laying, spreading and compacting graded stone aggregate to well mix macadam specification including premixing the material with water at CMC in mechanical mixer (Pug Mill), carriage of mixed material by trucks 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, cambering and maintenance of diversion, etc as per Tables 400.11 & 400.12 and Technical Specification Clause 406.	Cum	9806.047	2420.711	23853488.721
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.	Sqm	38424.188	60.080	2308009.427
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 helped with primer and cleared with hydnion broom as per technical specification clause 503.	Sqm	38424.188	20.520	788464.228
9	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 cleared with Hydraulic broom as per Technical Specification Clause 503.	Sqm	38424.188	17.130	658206.332

(Signature)
Kashwanth Nirman Pvt. Ltd.
(Director)

(Signature)
14/1/23
Executive Engineer
Works Division
Kahalgau
14/1

10	Providing and laying driver gradient interlocking interlocking with 100-120 100H batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 per cent of mix and filler, transporting the hot mix to work site, laying with a hydraulic 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. 501 complete in all respects.	Cum	2517.26	11457.67	22527.92735
11	Providing and laying vibratory concrete with 100-120 100H batch type hot mix plant producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 5.4 to 5.6 per cent of mix and filler, transporting the hot mix to work site, laying with a hydraulic 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. 501 complete in all respects.	Cum	1159.782	13923.56	15083.34273
12	Construction of dry lean cement concrete sub-base over a prepared sub-grade with coarse and fine aggregates conforming to IS 383, the size of coarse aggregate not exceeding 35mm, aggregate cement ratio not to exceed 15:1 aggregate gradation after blending to be as per table 600-1 cement content not to be less than 150kg/cum optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 MPa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 6-10 tonnes vibratory roller, finishing and curing.	Cum	1923.944	4265.837	12543.75448
13	Providing and laying 25 mm thick mastic asphalt wearing course with paving grade bitumen meeting the requirements given in table 500-29, prepared by using mastic cooker and laid to required level and slope after cleaning the surface, including providing antiskid surface with bitumen precasted fingerlaid hard time chipping of 13.2 mm nominal size at the rate of 0.005 cum per 10 sqm and at an approximate spacing of 10 cm center to center in both directions, pressed into surface when the temperature of surfaces is not less than 100 °C, protruding 1 mm to 4 mm over mastic surface, all complete as per clause 515.	Sqm	13959.918	1124.12	25452.07723
14	Construction of un-reinforced, dowel jointed, plain cement concrete pavement 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 or slip form paver, spread, compacted and finished in a continuous operation including provision of construction, expansion, contraction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing.	Cum	3328.363	8389.853	17733907.753
15	Hard Shouldering (White Paver Block 90 Mm With M-40): Providing and laying factory made, chamfered edge Cement Concrete paver blocks of required strength, thickness & size, shape, made by table vibratory method, to attain superior smooth finish using PU or equivalent resins, laid in required Grey colour & pattern over 50mm thick compacted bed of coarse sand, compacting and proper embedding / filling of inter locking paver blocks into the sand bedding layer through vibratory compaction by using plate vibrator, extra sand in footpath, parks, lawns, drive ways or light traffic parking etc. all complete as per manufacturer's specifications & direction of Engineer-in-Charge.	Cum	1299.260	370.290	1250435.511
16	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	50.420	398.620	20090.448
17	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9	Cum	12.620	575.230	7248.808
18	Sand Filling	Cum	180.620	2278.010	411408.808
19	Providing and laying pitching in slopes with stone/ Boulder laid over prepared filler media as per drawing and technical specifications Clause 1302.	Cum	52.500	2191.320	115044.300
20	Reinforced concrete M15 grade submersive local stone of standard design as per IRC & Tugay in position including painting and pointing, etc. as per drawing and technical specification clause 1303.	No	3.000	8330.440	19831.320
21	Reinforced concrete M15 grade submersive local stone of standard design as per IRC & Tugay in position including painting and pointing, etc. as per drawing and technical specification clause 1303.	Per	17.000	3438.880	44452.880
22	Reinforced concrete M15 grade submersive local stone of standard design as per IRC & Tugay in position including painting and pointing, etc. as per drawing and technical specification clause 1303.	Per	78.000	7915.870	61723.860

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Kashyap & Associates Pvt. Ltd.

Jyoti Arora DUE

Signature

Executive Engineer
Water Works Division
Kahalgau

Signature

22	100% reflective Traffic Signal housing and mounting brackets and other accessories retro-reflective sign as per IS: 15187. 100% reflective lens type reflector housing as per IS: 15187. 2.3. 100% reflective sheeting 2 mm thick with area exceeding 0.1 sqm supported on mild steel angle iron posts 75 mm x 75 mm x 6 mm. 2 Nos. firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 400 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701	Each	15,250	14923.35	244028.894
23	Providing and erecting a "V" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam 100 mm x 100 mm, 100 mm high, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm, spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS 1367 and IS 1364, metal beam rail to be fixed on the vertical post with a space of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 810	M	100,000	3307.622	330762.2
24	Fixed kerbside Road Stud with Lens Reflector Providing and fixing of road stud 100 x 100 mm dia cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lens reflectors, installed in concrete or asphaltic surface by drilling holes 30 mm upto a depth of 800 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS:873 (Part 4) 1973.	Each	10145.000	254.450	2587511.243
25	Providing and fixing of retro-reflective cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801				
	650 mm equilateral & triangle	Nos	124,000	4420.940	548153.560
	600 mm circular	Nos	56,000	5633.910	315527.560
	600 mm x 450 mm rectangular	Nos	44,000	5288.380	232651.720
	600 mm x 300 mm Hazard Marker	Nos	116,000	5688.375	660831.375
	600 mm side octagon	Nos	4,000	10167.349	40669.580
26	Reinforced cement concrete M15 grade boundary pillars/sheds more 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	454,000	682.430	309727.520
27	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 801	per cm height per letter	1275,000	0.750	957,000
28	Planting of trees by the road side (Avenue trees) in 0.50 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/silage manure, planting the saplings, backfilling the trench, watering, fusing the tree guard and maintaining the plants for one year	Each	406,000	1288.760	523256.560

[Signature]

Krishabh-Nirman Pvt. Ltd.

[Signature]

(Director)

Executive Engineer

Public Works Division

Bahalgaon

[Signature] 14/11/23

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Discussion

Executive Engineer
Public Works Division
Kahalgaon

Kahaloçan

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Executive Engineer
Public Works Division
Kathalgaon

Revised B.O.B. approved for Rs. 27.78.49.180=00 (Rupees Twenty seven crore seventy eight lakh forty nine thousand one hundred eighty) only.

Kwsthabb.Nirman.PyC.Ltd.

John James Ride

(Director)

11/11/11

Superintending Engineer
Rural Works Department
Works Circle, Bhagalpur

1973

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Executive Engineer
Public Works Division
Kahalgaon

2014