

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये
रु.1000

ONE THOUSAND RUPEES

Rs.1000

बिहार BIHAR चम्पारण

मोतिहारी

06 JUL 2022

नियंत्रण पदाधिकारी

पुदी प्रमाण

Agreement No.....

05

MBD-2022-23 Dated:-

06-09-22

This agreement, made the 06th day of 2022,

between Executive Engineer, RWD (W) Division, Chakia. of the one part, and MANISH KUMAR PATHAK (Reg. No.2190676), At+Po+PS-Kesariya, Dist-East Champaran, BIHAR. Pin-845424, Bihar, Mob. No.7325050788 Whereas the Employer is desirous that the Contractor execute Construction of Road & CD Works with Maintenance, Group No.-MR-N/22-23 Chakia/01 के अधीन 1. Meshi katha REO Road - Koha, 2. Bakhari Parsauni PGMSY To Devaji एवं 3. Madari Chowk to Bahadurpur Ganj Chowk. Road under MR (3054) and thereafter undertake routine maintenance for five years; and the Employer has accepted the Bid by the Contractor for the execution and completion of such Works and the remedying of any defects and routine maintenance therein at a Total Cost of Rs.26413490=00 Rupees-(Two core sixty four Lakh thirteen thousand four hundred ninety)only.

NOW THIS AGREEMENT WITNESSETH as follows:-

1. In this Agreement, words and expressions shall have the same meanings 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 part of this Agreement.
2. In Consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract and undertaking routine maintenance for five years.

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3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein and undertaking routine maintenance for five years, 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:

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

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

The Common Seal of _____

was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

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Abstract of BOQ For Package No.MR-N/22-23 Chakia/01
Rural Works Department, Works Division, Chakia

Sl No.	Name of Road	Length (in Kms.)	BOQ (In Rs.)		Total Cost of BOQ (in Rs.)
			Construction Const	5 years Maint. Cost.	
1	2	3	4	5	6
1	Meshi katha REO Road - Koha	2.6	10366962.80	2566310.02	12933272.82
2	Bakhari Parsauni PGMSY To Devaji	1.011	4886799.79	729940.40	5616740.19
3	Madari Chowk to Bahadurpur Ganj Chowk	1.1	6717669.42	1160033.59	7877703.01
Total		4.711	21970432.01	4456284.01	26426716.02

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकीया

BOQ Approved for Construction Cost PART -

₹ 21970432.01 Two Crores Nineteen

Seventy Thousand four hundred Thirty two only

And maintenance Cost PART -

₹ 4456284.01

Two hundred Eighty four only

SE (RWD)
 Works Circle
 Madhwa

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकीया

06-09-24

Tender Inviting Authority: CHIEF ENGINEER WORKS-I					
Name of Work: Construction of Road & CD Works of :- Mohai Ketha RWD Road to Koha ,Length -2.6 Km., Block -Mohai , District -East Champaran, UNDER MR. Construction Cost of Road - 103.67 Lacs & 8 Years Maintenance Cost - 26.663 Lacs					
Contract No: Civil Works/					
Contract No: Civil Works:					
Bidder Name:				Excess (+)	%
<u>SCHEDULE OF WORKS</u>					
(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)					
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P.
1.00	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a load of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.520	Ha	59725.130	31057.59
2.00	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 up to 1000m as per Technical Specification clause	1092.000	Cum	254.040	277411.68
3.00	Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. (By mix in place method) For Grading II Material	81.660	Cum	2522.150	206008.77
4.00	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. WBM Grading 2 (By Mechanical Means)	72.360	Cum	4501.240	326553.73
5.00	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. WBM Grading 3 (By Mechanical Means)	119.070	Cum	4727.260	562874.85

Signature of Tenderer with seal

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कार्यपालक अभियंता

पीछा कार्य विभाग

1. पम्पहाउस नं.

26.09.22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
6.00	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.	1587.600	Sqm	59.030	93716.03
7.00	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 hydrifloc broom as per technical specification clause 503.	9162.600	Sqm	29.000	164075.63
8.00	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509.	1587.600	Sqm	248.700	394835.12
9.00	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	189.360	cum	13471.420	2551217.52
10.00	Construction of un-reinforced plain cement thickness as per design, over a prepared sub base with 43 grade cement or any other type as per clause 1501.2.2 M 30 grade coarse and fine aggregate maximum size of aggregate not exceeding 25mm, mixed in a concrete of not less than 0.2cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel laying and fixing of 125 micron thick plythene film, wedges, steel plates including levelling the formwork as per drawing) spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/ culvert and construction joints, admixtures as approved, curing of concrete slab for 14 days curing compound (where specified) and water finishing to lines and grade as per drawing and Technical specification clause 1501.	363.600	Cum	8112.630	2949752.27
11.00	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) Km stone	3.000	No.	2904.090	8712.27
12.00	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 ii) 200 m stone	11.000	No.	812.500	8937.50

Signature of Tenderer with seal

On 6/11/20

कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग

कार्य सम्पन्न चकिया

22/11/20
06-09-20

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
13.00	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 i) 600 mm equilateral & triangle.	6.000	Nos	4225.830	25354.98
14.00	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 ii) 600 mm circular	2.000	Nos	5490.420	10980.84
15.00	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 iii) 600 mm x 450 mm rectangular,	4.000	Nos	5360.870	21443.88
16.00	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC-25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	39.000	Nos	615.230	23993.97
17.00	Planting of trees by the road side (Avenue trees) in 0.60 m dia holes, 1 m deep dug in the ground, mixing the soil with decayed farm yard/sludge manure, planting the saplings, backfilling the trench, watering, fixing the tree guard and maintaining the plants for one	100.000	Each	1079.330	107933.00
18.00	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. At Jct for BT Portion	400.000	Sqm	823.740	329496.00
19.00	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. Pedestrian Crossing (2 m in length and providing at 60 cm apart)	8.000	sqm	823.740	6589.92

Signature of Tenderer with seal

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पर्यपालक, नगरपालिका

पानीपत कार्य विभाग

पानीपत, हरियाणा

06.09.22

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
20.00	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. At Edge for CC Portion	120.000	Sqm	916.810	110017.20
21.00	Providing and fixing of typical MMSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5mm size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	3.600	No.	12676.140	35026.42
22.00	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.	78.030	Cum	336.860	26285.19
23.00	Brick Flat Soling Laying brick soling layer on prepared sub-grade With bricks on lines, graded and cross-section shown on the drawing filling joints with sand and earth as per Technical Specification Clause 412	48.770	Cum	318.320	15524.47
24.00	Providing concrete for plain/reinforced concrete (M-10) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	10.730	Cum	7353.320	78991.12
25.00	Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications clauses 600, 1202 & 1203	49.540	Cum	6270.660	310048.50
26.00	Brick masonry work in cement mortar in substructure complete excluding pointing and plastering, as per drawing and technical specifications clauses 602, 603, 604, 1202 & 1204	17.730	Cum	6542.450	115997.64
27.00	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification clauses 602, 604, 605, 606, 607, 1202 & 1204	4.600	Cum	7696.500	38377.28
28.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 800, 1205.4 and 1205.5	3.310	Cum	6910.040	29432.23
29.00	Supplying, tying, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	0.650	MT	87958.910	57171.99

Signature of Tenderer with seal

[Handwritten Signature]
 कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 नमण्डल, चकिया
 66-6922

Sl. No.	Description of work	No. of Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
30.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1200 4 Brick Masonry in c.m. (1:3) in parapet	8.770	cum	5485.630	43907.72
31.00	Plastering with cement mortar (1:4), 15 mm thick on brickwork in substructure as per technical specification Clauses 613.4 & 1204 Plastering with cement mortar (1:4)	84.300	sqm	201.540	16989.82
32.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.6	39.990	Cum	851.920	34058.28
33.00	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification clauses 616, 709, 1204.3.7	32.000	no	142.000	4544.00
34.00	Drainage spouts complete as per drawing and technical specifications clause 1209	2.000	No	540.910	1082.02
35.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plaster / concrete surface as per drawing and technical specification clause 1701	40.320	sqm	114.730	4625.91
36.00	1% Labour Cess	1.000	No	90746.574	90746.57
37.00	12% GST	1.000	No	1088958.888	1088958.89
38.00	Add 10% Seigniorage Fee :	1.000	No	112600.000	112600.00
Total Construction Cost :					10366962.50
39.00	Maintenance for 1st year	1.000	Year	89674.00	89674.00
40.00	Maintenance for 2nd year	1.000	Year	220404.00	220404.00
41.00	Maintenance for 3rd year	1.000	Year	792182.00	792182.00
42.00	Maintenance for 4th year	1.000	Year	291003.00	291003.00
43.00	Maintenance for 5th year	1.000	Year	874091.00	874091.00
44.00	1% Labour Cess	1.000	No	22673.54	22673.54
45.00	12% GST	1.000	No	272082.48	272082.48
46.00	Add 10% Seigniorage Fee :	1.000	No	4200.00	4200.00
Five Year Maintenance Cost :					2566310.02
Total Estimated Cost in Figures					12933272.82
Say Amount					12,933,273.00
Quoted Rate in Words					

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

Signature of Engineer with seal

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

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