

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

बिहार BIHAR

26 JUL 2022

2923
8/8/22

यु 4422 61000 (मर) रीपराकोथी चकिया
सरीयापुर माला प्रमण्डल

AR 992243/1
R. N. 5782
STAMPED
60/90/01

Agreement Form

Agreement No. 17..... MBD-2022-23 Dated:- 25-10-22
day of 2022,

This agreement, made the _____ day of _____, 2022, between Executive Engineer, RWD (W) Division, Chakia. of the one part, and Pushkar Thakur (Reg.-1220083), AT- Sariyatpur, Po- Damodarpur, Ps-Pipra DIST - EAST CHAMPARAN BIHAR. Mob. No.8789222324 Whereas the Employer is desirous that the Contractor execute Construction of Road & CD Works with Maintenance, Group No.- MR-N/22-23 Chakia/03 के अधीन 1. Pipra Kothi to Semra Bazar Via Harpur एवं 2. NH-28 to Bairiya Via Koirgawan. Road under New Maint. Policy- 2018 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.33587807=00 Rupees- (Three core thirty five Lakh eighty seven thousand eight hundred seven) 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.

Pushkar

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

25/10/22

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 _____

Rushika

9/5/2022
कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चक्रिया
25/10/22
25/10/22

Abstract of BOQ For Package No.MR-N/22-23 Chakia/03
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	Pipra Kothi to Semra Bazar Via Harpur	2.6	11975818.2	2726875.61	14702693.81
2	NH-28 to Baiya Via Koirgawan	3.938	14896380.30	4008874.64	18905254.94
Total		6.538	26872198.50	6735750.25	33607948.75

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कार्य प्रमण्डल, चकीया

B.O.Q. Approved for Construction Cost 'PART-A' Sl. No. 1 To..... For
₹ 26072198.50 TWO Crores Sixty Eight Lacs
Seventy Two Thousand One hundred Ninety Eight Nine
And maintenance Cost 'PART-B' or Rs. 6735750.00
Sixty Seven Lacs Thirty Five Thousand
Seven hundred Fifty only.)

S.E. (R.W.D.)
Works Circle
Motihari

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

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Tender Inviting Authority: CHIEF ENGINEER WORKS-I					
Name of Work: Construction of Road & CD Works of :- Pipra Kothi to Semra Bazar Via Hargpur ,Length -2.6 Km, Block -Chakla , District - East Champaran, UNDER MRL Construction Cost of Road - 119.750 Lacs & 5 Years Maintenance Cost - 27.269 Lacs					
Contract No: Civil Works/					
Contract No: Civil Works:					
Bidder Name:					Excess (+) %
SCHEDULE OF WORKS					
(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 lead 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	59726.130	31057.59
2.00	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transprofing 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	1249.000	Cum	254.040	317041.92
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	85.210	Cum	2709.430	230870.53
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)	109.580	Cum	5287.100	579360.42
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)	166.820	cum	5070.990	845942.55

Signature of Tenderer with seal

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Rushkes

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

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25.10.22

25/10/22

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
6.00	Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including clearing 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.	2224.267	Sqm	59.130	131520.91
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 hydrioc broom as per technical specification clause 503.	12071.767	Sqm	20.130	243004.67
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 fine, 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	2224.267	Sqm	255.510	568322.46
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 5%r, 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.	246.190	cum	13840.730	3407443.32
10.00	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) Km stone	3.000	No.	2936.230	8808.69
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. iii) 200 m stone	11.000	No.	818.470	9003.17
12.00	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,	10.000	Nos	4240.730	42407.30
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 ii) 600 mm circular	4.000	Nos	5505.320	22021.28

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

Signature of Tenderer with seal

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Signature of Tenderer with seal

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चक्रीय
25/10/22

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
14.00	Providing and fixing of retro-reflectised 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 x 450 mm rectangular,	2.000	Nos	5375.870	10751.74
15.00	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	617.620	24094.98
16.00	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	130.000	Each	1079.330	140312.90
17.00	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 RT Portion	520.000	Sqm	823.740	428344.80
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. Pedestrian Crossing (2 m in length and providing at 50 cm apart)	8.000	sqm	823.740	6589.92
19.00	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 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	3.000	No.	12795.950	38117.85
20.00	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.	341.280	Cum	336.860	114963.58

Signature of Tenderer with seal

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Rushika

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकोया

नरेश
25/10/22

25/10/22

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
21.00	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	58.600	Sqm	318.320	21200.11
22.00	Providing concrete for plain reinforced concrete (M-15) in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	67.140	Cum	7507.050	504023.34
23.00	Brick masonry work in cement mortar in foundation complete excluding pointing and plastering as per drawing and technical specifications clauses 600, 1202 & 1203	164.260	Cum	6222.740	1022271.73
24.00	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	124.500	Cum	6494.530	806568.99
25.00	Plain reinforced cement concrete in substructure complete as per drawings and technical specification clauses 802, 804, 805, 806, 807, 1202 & 1204 IV. RCC Grade M-20	11.450	Cum	8054.360	92302.97
26.00	Providing & Laying reinforced cement concrete in superstructure as per drawing and technical specifications clauses 800, 1205.4 and 1205.5	25.320	Cum	9077.840	229850.91
27.00	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202 (8.10 + 4.84)	4.650	Cum	88106.970	409697.41
28.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208 & Brick Masonry in c.m. (1:3) in parapet	11.730	Cum	6442.170	75566.65
29.00	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)	219.720	Sqm	408.150	43229.91
30.00	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new plastered / concrete surface as per drawing and technical specification clause 1701	40.320	Sqm	114.730	4625.91
31.00	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification clause 1204.3.6	109.860	Cum	664.260	72975.80
32.00	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	66.000	No	141.690	9351.54
33.00	Heat Cement punnim on Parapet Top	45.840	Sqm	27.900	1282.64
34.00	Plain reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 R.C.C grade M 20 Wearing Coat (PCC 1:2.4)	4.950	Cum	8054.360	39869.08
35.00	1% Labour Cess	1.000	No	105348.833	105348.83
36.00	12% GST	1.000	No	1264185.958	1264186.00

Approved
Superintending Engineer
Rural Works Department
Muzaffarpur, Bihar

Signature of Tenderer with seal

Superintending Engineer
Rural Works Department
Works Circle, Muzaffarpur

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कायपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, मुजफ्फरपुर
25.10.22

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
37.00	Add 10% Seigniorage Fee	1.000	No	71400.000	71400.00
Total Construction Cost :					11975818.20
38.00	Maintenance for 1st year	1.000	Year	114709.00	114709.00
39.00	Maintenance for 2nd year	1.000	Year	285973.00	285973.00
40.00	Maintenance for 3rd year	1.000	Year	755067.00	755067.00
41.00	Maintenance for 4th year	1.000	Year	380375.00	380375.00
42.00	Maintenance for 5th year	1.000	Year	868173.00	868173.00
43.00	1% Labour Cess	1.000	No	24082.97	24082.97
44.00	12% GST	1.000	No	288995.64	288995.64
45.00	Add 10% Seigniorage Fee :	1.000	No	5500.00	5500.00
Five Year Maintenance Cost :					2726875.61
Total Estimated Cost in Figures					14702693.81
Say Amount					14,702,694.00
Quoted Rate in Words					

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कार्य प्रमण्डल, चकीया

Superintending Engineer
Rural Works Department
Works Circle, Motihari

Signature of Tenderer with seal

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