

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000



बिहार BIHAR

22 JUN 2022

इसके कोषागार प्रदायकारी
धुरी सम्पत्ति, मोतिहारी

Agreement Form

Agreement No.....10.....MBD-2022-23 Dated:- 16-09-2022

This agreement, made the 16 day of September 2022,

between Executive Engineer, RWD (W) Division, Chakia. of the one part, and Prabhat Kumar (Reg.-1210306), AT- Kathariya, Anchal- Kalyanpur, MOTIHARI DIST - EAST CHAMPARAN BIHAR. Mob. No.9470236823 Whereas the Employer is desirous that the Contractor execute Construction of Road & CD Works with Maintenance, Group No.- MR-N/22-23 Chakia/02 के अधीन 1. Purvi champaran jila antargat mehsi prkhand ke rajepur bazar se slempur bazar tak REO tak एवं 2. Mehshi Kataha RWD Road Mandir to Purani Mehshi Tola. 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.31255555=00 Rupees-(Three core twelve Lakhs fifty five thousand five hundred fifty five) 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.

Prabhat Kumar

कार्यवाहक अभियंता
ग्रामीण कार्य विभाग
16/09/2022 कार्य प्रमण्डल चकिया
16.09.2022

Abstract of BOQ For Package No.MR-N/22-23 Chakia/02
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	Purvi champaran jila antargat mehsi prkhand ke rajepur bazar se slampur bazar tak REO tak path nirman	4.85	19208721.90	4237027.3	23445749.20
2	Mehsi Kataha RWD Road Mandir to Purani Mehsi Tola	1.60	6396095.96	1435604.42	7831700.38
	Total	6.450	25604817.86	5672631.72	31277449.58

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल, चकोया

BOQ Approved for Construction of Rs.

₹ 25604817.86 Two Crores Fifty Six Lacs
 Four Thousand Eight hundred Eighteen

And maintenance Cost 'PART-B' of Rs. 5672631.72

₹ Crores Fifty Six Lacs Seventy Two
 Six hundred Thirty Two only.)

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

Prabhat Kumar

कार्यपालक अभियंता
 ग्रामीण कार्य विभाग
 कार्य प्रमण्डल चकोया

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Tender Inviting Authority: CHIEF ENGINEER WORKS-I

Name of Work: Construction of Road & CD Works of :- Mehul Kataha RWD Road Mandir to Purani Mehul Tola ,Length -1.8 Km., Block -Mehul , District -East Champaran, UNDER MR, Construction Cost of Road - 61.961 Lacs & 8 Years Maintenance Cost - 14.358 Lacs

Contract No: Civil Works/I

Contract No: Civil Works/I

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	AMOUNT Rs. P
				Figure	
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.	0.320	Ha	59726.130	19112.36
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	672.000	Cum	254.040	170714.88
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	49.600	Cum	2536.560	125813.33
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)	66.020	Cum	4930.910	325978.50
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)	97.220	Cum	4753.710	462155.69

Approved

Superintending Engineer
Rural Works Department
Works Circle, Muzaffarpur

Signature of Tenderer with seal

Prabhat Kumar

16/11/21

कार्यपालक अभियंता
ग्रामीण कार्य विभाग

महाराष्ट्र सरकार, मुंबई

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16/11/21

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 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.	1296.267	Sqm	59.050	76544.57
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 hydriloe broom as per technical specification clause 503.	6841.257	Sqm	20.100	117459.47
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	1296.267	Sqm	249.250	323094.55
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. 506 complete in all respects.	113.830	Cum	13501.040	1534123.18
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.	242.400	Cum	8118.070	1967820.17
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. a) Km stone	2.000	No.	2904.850	5809.70
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. a) 200 m stone	7.000	No.	812.640	5688.48

Approved

Superintending Engineer
Rural Works Department
Works Circle, Motihari

Signature of Tendorer with seal

Prabhat Kumar

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रणाली, गोरखपुर
नं. 2/21
16.09.22

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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,	4.000	Nos	4226.180	16904.72
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	5490.770	10981.54
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,	2.000	Nos	5361.320	10722.64
16.00	Reinforced cement concrete M15 grade boundary pillars/focal 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	24.000	Nos	615.290	14766.96
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	60.000	Each	1079.330	64759.80
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. At Edge for BT Portion	240.000	Sqm	823.740	197697.60
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 50 cm apart)	6.000	Sqm	823.740	6589.92

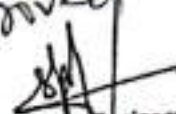
Approved
Superintending Engineer
Rural Works Department
16/9/22

Signature of Tenderer with seal

Prashant Kumar

16/9/22
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काय प्रमण्डल कार्यालय
16.09.22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
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	80.000	Sqm	916.810	73344.80
21.00	Providing and fixing of typical MMSY informational 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.	12576.840	38030.52
22.00	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4 Brick Masonry in c.m. (1:3) in parapet	2.880	csm	6479.210	18660.12
23.00	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)	40.320	sqm	200.900	8100.29
24.00	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
25.00	1% Labour Cess	1.000	No	56034.478	56034.48
26.00	12% GST	1.000	No	672413.730	672413.73
27.00	Add 10% Seigniorage Fee :	1.000	No	64200.000	64200.00
Total Construction Cost :					6396095.96

Approved

 Superintending Engineer
 Rural Works Department
 Works Circle, Motihari

Prashant Kumar

16/01/22
 कार्यपालक अभियंता
 राउरकिल्ला
 कार्य प्रमण्डल धुबिचौर
 नरेन्द्र
 16.01.22

SL No.	Description of work	No. or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
28.00	Maintenance for 1st year	1.000	Year	56061.00	56061.00
29.00	Maintenance for 2nd year	1.000	Year	134547.00	134547.00
30.00	Maintenance for 3rd year	1.000	Year	425689.00	425689.00
31.00	Maintenance for 4th year	1.000	Year	177005.00	177005.00
32.00	Maintenance for 5th year	1.000	Year	474932.00	474932.00
33.00	1% Labour Cess	1.000	No	12682.34	12682.34
34.00	12% GST	1.000	No	152188.08	152188.08
35.00	Add 10% Seigniorage Fee :	1.000	No	2500.00	2500.00
Five Year Maintenance Cost :					1435604.42
Total Estimated Cost in Figures					7831700.38
Say Amount					7,831,700.00
Quoted Rate in Words					

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

Superintending Engineer
Rural Works Department
Works Circle, Mothari

Prashant Kumar

15/09/22
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ग्रामीण कार्य विभाग
कार्य प्रमण्डल पाकिस्तान

16.09.22