



बिहार BIHAR
भोतिहारी

2534 29/08/2022 विजय कुमार जयसवाल
एक फिलोडे भाग 3 का कुल 1241-27 डिग्री 11
माम कुल 10001911 सही मीर
AR 993747
महानगरपालिका प्रमुख
मुद्रा विभाग, लाल मोहरा 1/8
40/10/2020 जयसवाल मुद्रा विभाग

26 JUL 2022

श्री श्रीधर वदधिकारी
पूरी, एम्प्लॉयमेंट

Agreement Form

Agreement No.....12.....MBD-2022-23 Dated:- 30-09-22

This agreement, made the _____ day of _____ 2022,
between **Executive Engineer, RWD (W) Division, Chakia.** of the one part, and **Vijay Kumar Jaiswal (Reg.1220121), At- Kesariya, Dist-East Champaran, Bihar, Mob. No.9801127989** Whereas the Employer is desirous that the Contractor execute **Construction of Road & CD Works with Maintenance, Group No.- MR-N/22-23 Chakia/08** के अधीन 1. NH28 Giri Tola se RajaRam Tak एवं 2. Vankat PMGSY Path to Bathna Ahiyapur. 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.25147942=00 Rupees-(Two core fifty one Lakhs forty seven thousand nine hundred forty two) 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.

Vijay Kumar Jaiswal

कार्यवाही
30/09/22
नरेश
30-09-22

Abstract of BOQ For Package No.MR-N/22-23 Chakia/08
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	NH28 Giri Tola se RajaRam Tak	2.155	9730588.27	2112184.54	11842772.81
2	Vankat PMGSY Path to Bathna Ahiyapur	2.476	10974452.44	2353370.6	13327823.04
	Total	4.631	20705040.71	4465555.14	25170595.85

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया

B.O.Q. Approved for Construction Cost 'PART-A' Sl. No. 1 To..... For
₹20705040.71 ₹ Two Crores Seventy
five Thousand..... hundred fifty five
only.
And maintenance Cost 'PART-B' or Rs. 4465555.00
₹ Four Crores forty four Lacs Sixty five
Thousand five hundred fifty five only.)

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

Vijay Kumar 20/10/2021

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकीया
महेश
20-07-21

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Tender Inviting Authority: CHIEF ENGINEER WORKS-I					
Name of Work: Construction of Road & CD Works of :- Vankai PMGSY path to Bathna Ahlyapur ,Length -2.476 Km., Block -Kesariya - District -East Champaran, UNDER MRL. Construction Cost of Road - 109.745 Lacs & 6 Years Maintenance Cost - 23.534 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.	0.495	Ha	59726.130	29576.38
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	1039.920	Cum	254.040	264181.28
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 CMC, 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	95.680	Cum	2637.400	252873.91
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)	85.160	Cum	5138.690	438997.74
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)	144.900	cum	4938.790	715630.67
Signature of Tenderer with seal		 Superintending Engineer Rural Works Department Works Circle, Motihari			

Yr. pr. kumar saini

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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	1932.000	Sqm	55.115	106200.58
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 hydroloc broom as per technical specification clause 503.	7978.850	Sqm	29.120	232484.22
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 500	1932.000	Sqm	252.950	488699.40
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.	151.130	cum	13698.260	2070218.03
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.	533.280	Cum	8150.040	4349453.01
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.	3.000	No.	2910.090	8730.27
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.	10.000	No.	813.570	8135.70

Signature of Tenderer with seal

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Vijay Kumar 747204

कार्यपालक अभियंता

ग्रामीण कार्य विभाग

कार्य प्रमण्डल, बकिम

नं. 211
30.09.21

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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.	12.000	Nos	4228.630	50743.56
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	5493.220	10986.44
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	5363.770	21455.08
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	37.000	Nos	615.720	22781.64
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	80.000	Each	1079.330	86346.40
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	319.200	Sqm	823.740	262937.61
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)	8.000	Sqm	823.740	6589.92

Signature of Tenderer with seal

Superintending Engineer
Rural Works Department
Works Circle, Motihari

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Vijay Kumar Mishra

समर्थपालक अभियंता
ग्रामीण विकास विभाग
मार्ग विकास, मोती

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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 reflecting 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	176.000	Sqm	916.810	161358.56
21.00	Providing and fixing of typical MMGSY informative sign board with Logo as per MOIRD specifications and drawing. Three MS Plates of 16 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	3.000	No	12681.750	38045.25
22.00	1% Labour Cess	1.000	No	96124.358	96124.36
23.00	12% GST	1.000	No	1153492.295	1153492.29
24.00	Add 10% Seigniorage Fee :	1.000	No	112400.000	112400.00
Total Construction Cost :					10974452.44
25.00	Maintenance for 1st year	1.000	Year	68636.00	68636.00
26.00	Maintenance for 2nd year	1.000	Year	173629.00	173629.00
27.00	Maintenance for 3rd year	1.000	Year	770044.00	770044.00
28.00	Maintenance for 4th year	1.000	Year	230925.00	230925.00
29.00	Maintenance for 5th year	1.000	Year	836386.00	836386.00
30.00	1% Labour Cess	1.000	No	20796.20	20796.20
31.00	12% GST	1.000	No	249554.40	249554.40
32.00	Add 10% Seigniorage Fee :	1.000	No	3400.00	3400.00
Five Year Maintenance Cost :					2353370.60
Total Estimated Cost in Figures					13327823.04
Say Amount					13,327,823.00
Quoted Rate in Words					

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ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

Signature of Tenderer with

Superintending Engineer
Rural Works Department
Works Circle, Mothari

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Vinay Kumar Jaiswal

कार्यपालक अभियंता
ग्रामीण कार्य विभाग
कार्य प्रमण्डल, चकिया

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