

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

बिहार BIHAR

21 APR 2022

389/22 कमल देवी पति ओमप्रकाश सिंह
02.05.22 धन - देवडा बाग - मोती
जिला - मुंगेर

AN 599595

गोपाल कुमार वर्मा

मुंडा बाग

बहुत मोहोर जू (मुंगेर)

आ.नं. 02/01-02

कार्य प्रांश की दिनां 22-04-2022

कार्य समाप्ति की दिनां 21-01-2023

Agreement No - 04MBD/22-23

This agreement, made the day of between The Executive Engineer, Rural Work Department (Works) Division, Banka-I (hereinafter called "the Employer") of the one part, and Kamal Devi, At- W/o- Omprakash Singh, Teghra, Dhobai, Distt- Munger (Bihar) (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute the Construction of Road & CD Works with maintenance under Road name Package No.- MR-N/21-22 Banka-1/17 (Tender ID- 116086, Bid ID- 499925) Year 2021-22 under M/R (3054) Youjna, Block- Shambhuganj, District- Banka, Bihar (hereinafter called the contract) Chief Engineer-2 Rural work department, Bihar Patna Vide Letter No-1314 / Patna, Dated 21.04.2022 and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the Routine maintenance of works for Five Years of the Contract Price remedying of any defects therein, at a Construction of cost of Rs. 11373441.00 (Rupees One Crore Thirteen Lakh Seventy Three Thousand Four Hundred Forty One Only) & Maintenance of cost Rs. 1359947.00 (Rupees Thirteen Lakh Fifty Nine Thousand Nine Hundred Forty Seven Only) with a Total Amount of Rs. 12733388.00 (Rupees One Crore Twenty Seven Lakh Thirty Three Thousand Three Hundred Eighty Eight Only) at bidder rate quoted 0.51 % below the estimated cost. Kamal Devi the contractor has deposited (i) FD A/c No.- 140042195270/1 Amount Rs. 260000.00 (ii) FD A/c No.- 140046715445/1 Amount Rs. 378000.00 (iii) FD A/c No.- 140046715486/1 Amount Rs. 32000.00.

NOW THIS AGREEMENT WITNESSETH as follows:

KAMAL DEVI

Proprietor

SR. Divisional Account Officer
R.W.D. (W) Div. Banka-01

Executive Engineer
R.W.D. Works Division,
BANKA-1

**BIHAR RURAL ROADS DEVELOPMENT AGENCY
(GOVERNMENT OF BIHAR)**

BID DOCUMENT

FOR

**CONSTRUCTION AND MAINTENANCE OF RURAL
ROADS**

DISTRICT: Banka

BLOCK: Shambhuganj

Sl. No.	Name of Road	Length In Km	Cost of Const. (Rs. In Lakhs)	Maintenance Cost (Rs. In Lakhs)	Total Cost (Rs. In Lakhs)
Package No.- MR-N/21-22 Banka-1/17					
1.	Basbitta to Lakha Village	1.750	113.73441	13.59947	127.33388
Total-		1.750	113.73441	13.59947	127.33388

**Financial Bid
Year 2021-22**

**Under
M/R Head 3054
MINISTRY OF RURAL DEVELOPMENT
GOVERNMENT OF BIHAR**

**Office of the Executive Engineer
R.W.D. Works Division, Banka-1**

Letter of Acceptance

Letter No. :- 740

Date :- 22.04.2022

To,

Kamal Devi,
At- W/o- Omprakash Singh, Teghra, Dhobai,
Distt.- Munger,
Mob. 9006232030,
Email ID - kamaldevimgr@gmail.com

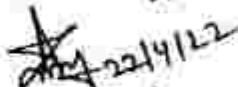
Dear Sirs,


This is to notify you that your Bid dated 14.02.2022 for execution of the road construction and routine maintenance of the works for five years after completion of the construction under **Package No.- MR-N/21-22 Banka-1/17 (MR)** (Tender ID- 116086, Bid ID- 499925) for the Contract Price of **Rupees 12733388.00** (Rupees One Crore Twenty Seven Lakh Thirty Three Thousand Three Hundred Eighty Eight Only) is hereby accepted by our Agency.

We note that as per bid, you do not intend to subcontract any component of work.

You are hereby requested to furnish Performance Security including an additional Performance Security for unbalanced bid in terms of ITB clause 27.4 in the form detailed in Para 34.1 of ITB for an amount of APG Rs. 32000.00 & Earnest Money Rs. 637000.00 Total Rs. 669000.00 (Rupees Six Lakh Sixty Nine Thousand Only) and all Related documents submitted. within 21 days of the receipt of this letter of acceptance in accordance with the conditions of contract and sign the contract, failing which action as stated in Para 34.2 of ITB will be taken.

Yours faithfully,


Executive Engineer,
Rural Works Department
Works Division, Banka-1


SR Divisional Account Officer
R.W.D. (M) Div. Banka-01


E
R.W.D. Division
- 17/22 Banka-1 9

1/17

UNDER MR-3054

BILL OF QUANTITIES (BOQ) - CONSTRUCTION

Name of Road : **Basbitta To Lakha Village**

Block : **Shambhuganj**

District :

Banka

Length : **1.750 km**

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, 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 201.1 and direction of E/I	Hect.	0.35	59726.13	20904.15
2	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202.				
	Cement Concrete	Cum	0.30	560.39	168.12
	Reinforced Cement Concrete	Cum	3.36	1271.01	4270.59
3	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 m as per Technical Specification Clause 202. Stone Masonry/Brick Masonry	Cum	24.75	277.43	6886.39
4	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 upto 1000 m as per Technical Specification Clause 303.1.	Cum	951.00	258.70	246023.70
5	For Grading II Material-Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader 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.	cum	76.18	2256.98	171936.74
6	WBM Grading 2 (By Mechanical Means) -Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with three wheel 80-100 kN static roller in stages to proper grade and camber, applying and brooming, crushable screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 2 as per Technical Specification Clause 405.	Cum	48.97	3885.40	189165.04

S.R. Divisional Account Officer
R.W.D. (W) Div. Banka-01

Executive Engineer
R.W.D. Works Division
BAIKA-1

No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
18	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 year	Each	48.00	1089.13	50099.98
19	Half Brick Circular Tree Guard, in 2nd Class Brick, Internal Diameter 1.25 Metres, and Height 1.2 Metres, above ground and 0.20 metre below ground, bottom two courses laid dry and top three courses in cement mortar 1:6 (1 cement 6 sand) and the intermediate courses being in dry honey comb masonry, as per design complete	Each	48.00	1974.92	90848.32
20	Road Marking with Hot Applied Thermoplastic Compound with Reflectors/Glass Beads-Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectors/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	Sqm	90.00	782.51	68525.90
	At Edge for CC Portion	Sqm	260.00	857.13	222853.80
21	Providing and fixing of typical MR informative 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	No.	5.00	10357.11	51785.55
	RCC SLAB CULVERT				
22	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	84.71	338.86	28535.41
23	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108.	Cum	1.25	530.96	663.70
24	Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	12.66	5345.05	67868.33
25	Providing PCC M 20 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	54.08	6029.52	326076.44
26	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204. (M15 (PCC 1:2.5:5)	Cum	26.26	5829.81	153090.81

SR. Divisional Account Officer
R.W.D. (W) Div. Banks-01


Executive Engineer
R.W.D. Works Division
BAHKA-1

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7	Plain/Reinforced cement concrete(M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	Cum	7.38	6266.00	46243.08
8	RCC M25 in Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5	Cum	4.61	7396.29	34096.90
29	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	Mt	0.63	82348.33	51879.45
30	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	Rm	15.00	47.78	716.70
31	Providing Weepholes in brick masonry, Plain / Reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structure with slope of 1V: 20H towards drawing	No	28.00	123.46	3456.88
32	Drainage spouts complete as per drawing and technical specifications Clause 1209.	No	2.00	924.65	1849.30
33	Painting on Parapet Wall Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	26.58	109.48	2907.79
Retaining Wall					
34	Earthwork in excavation for foundation of structures as per drawing and technical specification Clause 1104 including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. (A) Ordinary Soil	Cum	225.00	336.66	75793.50
35	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (I) PCC Grade M-10	Cum	22.50	5564.90	125210.25
36	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 (I) PCC Grade M-15	Cum	147.32	5345.05	787432.77
37	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (II) PCC Grade M-15	Cum	100.86	5345.05	539101.74
38	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 814, 709, 1204.3.7	RM	124.00	123.46	15309.04
39	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	Cum	55.18	974.53	53774.57


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Executive Engineer
R.W.D. Works Division
BAIKA-1

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
40	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC 98:1997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings	Rm	30.00	1028.35	30850.50
	Parapet				
41	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	20.18	158.40	3193.34
42	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	20.18	109.48	2207.12
				Total =	10037665.87
				Labour cess @1% =	100376.66
				GST @12% =	1204519.90
				Add Seigniorage Fee @ 10% =	89180.72
				Total (A) =	11431743.15
43	5 YEAR ORDINARY MAINTENANCE COST	Quarterly	20	60366.73	1207334.60
				Labour cess @1% =	12073.35
				GST @12% =	144880.15
				Add Seigniorage Fee @ 10% =	2630.68
				Total (B) =	1366918.78
				Grand Total Cost (A+B) =	12798661.93

127,98,662

 17/11/22
 Executive Engineer
 R.W.D. Works Div. Banka-1

B.O.B. is APPROVED for Rs- 1,27,98,662/- only (Rupees one crore twenty seven lakhs nintysight thousand six hundred sixty two) only.


 Superintending Engineer
 Rural Works Department
 Works Circle, Bhagalpur
 13/11/22


 SR. Divisional Account Officer
 R.W.D. (M) Div. Banka-01


 17/11/22
 Executive Engineer
 R.W.D. Works Division
 BHAGALPUR-1

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7	WBM Grading 3 (By Mechanical Means) -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.	Cum	104.52	3670.97	383689.78
8	Prime Coat (Low porosity)-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	456.00	59.88	27204.96
9	Patch work over WBM using Mix seal surface With Waste Plastic (Type B) Bituminous (8-90) By Mechanical Means for bituminous and Existing CC Pavement-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.	Sqm	456.00	243.71	111131.76
10	Tack Coat -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 hydriloc broom as per technical specification clause 503.	Sqm	2160.38	20.29	43834.11
11	Semi-Dense Bituminous Concrete (With Waste Plastic) - 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.	Cum	42.61	12551.18	534805.78

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Executive Engineer
R.W.D. Works Division
BAIKA-1

No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
12	Cement Concrete Pavement -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.	Cum	787.80	6717.12	5291747.14
13	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	No.	3.00	2385.61	7156.83
	iii) 200 m stone	No.	7.00	707.02	4949.14
14	Direction and Place Identification signs with size more than 0.9 sqm size board- Retro-reflectorised Traffic Signs Providing and erecting direction and place identification retro-reflectorised sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 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 M-15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per approved drawing and Technical Specification Clause 1701.	Sqm	5.76	12985.26	74795.10
15	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				
	600 mm equilateral & triangle	No.	14.00	3697.93	51771.02
	600 mm circular	No.	2.00	3735.08	7470.16
	600 mm x 450 mm rectangular	No.	4.00	3608.85	14427.40
16	Boundary Pillar/Guard Post -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	Nos	8.00	621.65	4973.20
17	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 1701	per cm height per letter	176.00	0.60	105.60

SR. Divisional Account Officer
R.W.D. (M) Div. Banka-01

Executive Engineer
R.W.D. Works Division
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