



1000/- राजनीश कुमार मिश्रा जी, मिथनाल/63
 हात गाहिलो नाम लौना/मिथनाल/63 (AL 663840)
 मधु - लखन

उपनिषद् 03/02
 उपनिषद् कुमार मुदांक विवेक
 जल निषेध कार्यलय, बल
 हात 10-2/24-25

AGREEMENT

- 24MBD / 2022-23

Name of Works

- Construction of Road With 5 Year maintenance of
 Package No-MR-N/2022-23 Belsand/01 Under M/R
 3054 scheme.
1. Belahi School Chowk To Madhopur Sarnath Path
 2. Dhanushi To Bayna Path
 3. Manik Chowk To Dhakjari Path

Name of Agency

- Rajnish Kumar
 Vill-Gahilo, Po-Jaitpur, P.S-Saraiya
 Distt- Muzaffarpur.

Date of Start

- 22.09.2022

Date of Completion

- 21.06.2023

E.M. Deposit

- Rs 1000 28,43,337/-

This Agreement Made on 22.09.22...between Executive Engineer,
 Rural Work Department, Works Division, Belsand of the one part and Rajnish
 Kumar, Vill-Gahilo, Po-Jaitpur, P.S-Saraiya, Distt-Muzaffarpur. Whereas the
 Employer is desirous that the contractor execute the Works under M/R 3054
 Scheme.

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Executive Engineer
 R.W.D. Works Division
 Belsand

22/09/22

Construction of Road With 5 Year maintenance Road from Package No-MR-N/2022-23 Belsand/01 Under M/R 3054 scheme And the employer has accepted the bid by The Contractor for the execution and completion of such works and remedying of any defects therein at a cost of rupees- 5,40,20,512.00 (Five Crore Fourty Lakh Twenty Thousand Five Hundred Twelve only)

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the conditions of contract thereinafter referred to, and they shall be form and be read and construed as part of this agreement.
2. In consideration of the payments to made by the Employer to the Contractor as herein after mentioned, the contractor hereby covenants with Employer to execute and complete the works and remedy any defects therein in conformity I all aspects with the provisions of the contract.
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 the contract price or such other sum as may become payable under the provisions of 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 condition of contract and general conditions of contract.
- (vi) Specifications
- (vii) Drawings

20/11/21 gmtc

Signature
Executive Engineer
R.W.D. Works Division
Belsand
20/11/2021

AGREEMENT

1. Agreement No. :- 24MBD / 2022-23
2. Name of Work :- Construction of Road With 5 Year maintenance of Package No-MR-N/2022-23 Belsand/01 Under M/R 3054 scheme.
3. Name of Agency :- Rajnish Kumar
Vill-Gahilo, Po-Jaitpur, P.S-Saraiya
Distt- Muzaffarpur.
4. Construction Cost :- ₹ 141.58988 ~
5. Maintenance Cost :- ₹ 99,11524 ~
- Total :- ₹ 540,20512 ~
6. Performance Security Deposit :- ~~₹ 80,00,000~~ + 838337 + 1,05,000 ~
Total :- 28,43,337 ~
7. B.G. No. / Bank :-
8. Work Allotted rate :- (0.10% (Reduct))

9. The Employer shall retain S.D. of (5%) of the amount from each payment due to the contractor until completion of the whole of the construction work. No security deposit / retention shall be retained from the payment for routine maintenance of work.

10. Date of written order to commence :- 22.03.2022
11. Time required for the work from date of written order to commence :- 9 months
12. Total No. of Items :-

Note : SBD Rules Terms and condition will be applicable.

20/03/2022

Contractor

22.03.2022

Executive Engineer

R.W.D., Works Division

Belsand

20/03/2022

Tender Inviting Authority: Engg-in Chief RWD Patna						
Name of Work: =		Manik chowk se Dhakjari				
Name Of Block =		Runni Saidpur				
Contract No: Civil Works/						
Bidder Name:					Excess (+)	%
SCHEDULE OF WORKS						
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
1.00	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	0.50	ha	59120.00	Rupees Fifty Nine Thousand One Hundred Twenty Only	29560.00
2.00	Construction of subgrade and earthen shoulders :-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.	930.30	Cum	237.50	Rupees Two Hundred Thirty Seven And Paise Fifty Only	220946.25
3.00	Granular Sub-base with Well Graded Material (Table 400.1) :- 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.	65.87	Cum	2601.20	Rupees Two Thousand Six Hundred One And Paise Twenty Only	171341.04
4.00	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	52.34	Cum	5472.80	Rupees Five Thousand Four Hundred Seventy Two And Paise Eighty Only	286418.95

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R.W.D. Works Division
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22/01/2022

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
0 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.	165.13	Cum	5210.10	Rupees Five Thousand Two Hundred Ten And Paise Ten Only	860330.79
6.00 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.	1943.60	Sqm	58.22	Rupees Fifty Eight And Paise Twenty Two Only	113156.39
7.00 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.	1943.60	Sqm	20.19	Rupees Twenty And Paise Nineteen Only	39241.28
8.00 Patch work over WBM using Mix seal surface With Waste Plastic 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 With waste plastic	1943.60	Sqm	260.18	Rupees Two Hundred Sixty And Paise Eighteen Only	505685.85
9.00 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.	6993.75	Sqm	16.83	Rupees Sixteen And Paise Eighty Three Only	117704.81

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22/09/2022

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
0 Semi-Dense Bituminous Concrete :- 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.	174.84	Cum	13601.50	Rupees Thirteen Thousand Six Hundred One And Paise Fifty Only	2378085.25
11.00 Dry Lean Cement Concrete Sub- base :- Construction of dry lean cement concrete Sub- base over a prepared sub-grade with coarse and fine aggregate conforming to IS: 383, the size of coarse aggregate not exceeding 25 mm, aggregate cement ratio not to exceed 15:1, aggregate gradation after blending to be as per table 600-1, cement content not to be less than 150 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10 Mpa at 7 days, mixed in a batching plant, transported to site, laid with a paver with electronic sensor, compacting with 8-10 tonnes vibratory roller, finishing and curing.	3.75	Cum	4534.22	Rupees Four Thousand Five Hundred Thirty Four And Paise Twenty Two Only	17003.32
12.00 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 polythene 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.	210.00	Cum	8610.10	Rupees Eight Thousand Six Hundred Ten And Paise Ten Only	1808121.00

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22.03.2022

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Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
10 Kilometre stone :- 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	4.00	nos	2625.00	Rupees Two Thousand Six Hundred Twenty Five Only	10500.00
4.00 ii) 200 m Stone	10.00	nos	701.10	Rupees Seven Hundred One And Paise Ten Only	7011.00
15.00 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.	1.92	Sqm	14926.94	Rupees Fourteen Thousand Nine Hundred Twenty Six And Paise Ninety Four Only	28559.72
16.00 Retro-reflectorised Traffic Signs :- 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	8.00	nos	4422.38	Rupees Four Thousand Four Hundred Twenty Two And Paise Thirty Eight Only	35379.04
17.00 600 mm circular	4.00	nos	4362.07	Rupees Four Thousand Three Hundred Sixty Two And Paise Seven Only	17448.28
18.00 600 mm x 450 mm rectangular	4.00	nos	4218.34	Rupees Four Thousand Two Hundred Eighteen And Paise Thirty Four Only	16873.36
19.00 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	18.00	nos	668.09	Rupees Six Hundred Sixty Eight And Paise Nine Only	12025.62
20.00 Printing New Letters and Figures of any Shade :- 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	142.00	per cm height per letter	0.61	Rupees And Paise Sixty One Only	86.62

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22/10/2022

	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs P
				Figure	Words	
20.00	Planting of Trees and their Maintenance for one Year :- 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	187.00	Each	1063.59	Rupees One Thousand Sixty Three And Paise Fifty Nine Only	198891.33
22.00	Road Marking with Hot Applied Thermoplastic :- 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.	443.00	Sqm	803.10	Rupees Eight Hundred Three And Paise Ten Only	355773.30
23.00	Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical MMGSY 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	2.00	nos	10201.50	Rupees Ten Thousand Two Hundred One And Paise Fifty Only	20403.00
24.00	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	15.66	Cum	293.10	Rupees Two hundred Ninty Three And paisa ten only.	4590.53
25.00	Providing M15 (PCC 1:2.5:5) as levelling course in foundation -- 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	2.05	Cum	7001.10	Rupees Seven Thousand One And Paise Ten Only	14380.26
26.00	PCC M-20:- Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	13.87	Cum	7410.30	Rupees Seven Thousand Four Hundred Ten And Paise Thirty Only	102773.45

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Belsand
22/09/2023

Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	7.50	M	3043.33	Rupees Three Thousand Forty Three And Paise Thirty Three Only	22824.98
8.00 Painting Two Coats on New Concrete Surfaces:-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	21.82	Sqm	114.73	Rupees One Hundred Fourteen And Paise Seventy Three Only	2503.41
29.00 Brick Masonry in C.M.(1:3) in parapet :- 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	2.88	Cum	6041.25	Rupees Six Thousand Forty One And Paise Twenty Five Only	17398.80
30.00 Plastering with cement mortar (1:4):- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	20.16	Sqm	211.20	Rupees Two Hundred Eleven And Paise Twenty Only	4257.79
31.00 Painting Two Coats on New Concrete Surfaces :- 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	20.16	Sqm	114.73	Rupees One Hundred Fourteen And Paise Seventy Three Only	2312.96
Total cost Of Construction	20.00	Per 3 month	115706.53	Rupees One Lakh(s) Fifteen Thousand Seven Hundred Six And Paise Fifty Two Only	74,21,689.43
32.00 Maintenance					23,14,130.50
Total Estimated Cost in Figures					97,35,819.93
1% Labour					97,358.20
12% GST					11,68,298.39
TOTAL SEIGNIORAGE FEE					92,347.25
Quoted Amount				1,10,93,823.77	1,10,93,824.00
Quoted Rate in Words				Rupees one crore Ten lakh Ninety Three Thousand Eight Hundred Twenty Four only	

B.O.B. approved for Re 1,10,93,824 = 100
 Rupees one crore ten lacs Ninety three thousand
 eight hundred twenty four only for item no 32
 to item no 32

25/12/2021

25/4/22

Executive Engineer
 R.W.D. Works Division
 Belsand