



Pladman
21-07-2023
Executive Engineer
R.W.D. Works Division
Balsand

Construction of Road With 5 Year maintenance Road from Package No-MR-N/2022-23 Belsand/06 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-4,23,00,298.00 (Four Crore Twenty Three Lakh Thirty Two Hundred Ninety Eight 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 thereafter referred to, and they shall be form and be read and constructed 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 constructed 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
- (viii) Bill of Quantities and

31/07/2023
Executive Engineer
R.W.D. Works Division
Belsand

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31/07/23

- (ix) Any other document listed in the contract Data as forming part the contract

In witness, where of the parties there to 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.

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31/7/23
Ratna
31.07.2023
Executive Engineer
R.W.D. Works Division
Belsand
31/7/23

AGREEMENT

1. Agreement No. :- 02 MBD / 2023-24
2. Name of Work :- Construction of Road With 5 Year maintenance of Package No-MR-N/2022-23 Belsand/06 Under M/R 3054 Scheme.
3. Name of Agency :- Sri Rajnish Kumar
Vill- Gahilo, Po-Jaitpur, PS- Saraiya
Distt- Muzaffarpur.
4. Construction Cost :- RS 3,30,19,384.00
5. Maintenance Cost :- RS 9280,911.00
- Total :- RS 4,23,00,295.00
6. Performance Security Deposit :- ~~RS~~ ① 9230400814914772 11531002
② 921040051939016 = 255477
③ 921040072880326 = 7,06519.
7. B.G. No. / Bank :- APS 2. ① 9230400814916542 1762600.00
8. Work Allotted rate :- (10% Below)
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 :- 31.07.2023
11. Time required for the work from date of written order to commence :- 9 Month
12. Total No. of Items :-

Note : MBD Rules Terms and condition will be applicable.

Contractor

Adman
Executive Engineer
RWD, Works Division
Belsand

Adman
31.07.23
31/7/23

Tender Inviting Authority: Engg-In Chief RWD Patna

Name of Work =

Bagahi To Dhapar

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	0.55	ha	72697.85	Rupees Seventy Two Thousand Six Hundred Ninety Seven And Paise Eighty Six Only	39983.82
2.00	Scarifying the existing bituminous road surface to a depth of 150 mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per Technical Specification Clause 301.4	937.50	Sqm	20.39	Rupees Twenty And Paise Thirty Nine Only	19115.63
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	1152.90	Cum	262.96	Rupees Two Hundred Sixty Two And Paise Ninety Six Only	303166.58
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	73.87	Cum	2813.43	Rupees Two Thousand Eight Hundred Thirteen And Paise Forty Three Only	207821.04
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	56.07	Cum	5451.22	Rupees Five Thousand Four Hundred Fifty One And Paise Twenty Two Only	305649.91

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No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs P
				Figure	Words	
5.00	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	98.00	Cum	5312.88	Rupees Five Thousand Three Hundred Twelve And Paise Eighty Eight Only	520615.52
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	1119.70	Sqm	59.49	Rupees Fifty Nine And Paise Forty Nine Only	66610.95
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 hydrioc broom as per technical specification clause 503.	1119.70	Sqm	20.47	Rupees Twenty And Paise Forty Seven Only	22920.26
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	1119.70	Sqm	290.79	Rupees Two Hundred Ninety And Paise Seventy Nine Only	325597.56
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 hydrioc broom as per technical specification clause 503	7481.25	Sqm	17.09	Rupees Seventeen And Paise Nine Only	127854.56

Letm

27/12/21

31/12/21 Executive Engineer
R.W.D. Works Division
Belsand

31/12/21

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
10.00	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.	187.03	Cum	15490.74	Rupees Fifteen Thousand Four Hundred Ninety And Paise Seventy Four Only	2897233 10
	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.	12.28	Cum	4665.23	Rupees Four Thousand Six Hundred Sixty Five And Paise Twenty Three Only	57288 98
	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	450.00	Cum	9554.28	Rupees Nine Thousand Five Hundred Fifty Four And Paise Twenty Eight Only	4299426 00
11.00	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	3340.72	Rupees Three Thousand Three Hundred Forty And Paise Seventy Two Only	13362 88
12.00	ii) 200 m Stone	12.00	nos	905.59	Rupees Nine Hundred Five And Paise Fifty Nine Only	10867 08

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31/12/11
 Executive Engineer
 R.W.D. Works Division
 Belgaon

No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
13.00	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	15308.88	Rupees Fifteen Thousand Three Hundred Eight And Paise Eighty Eight Only	29393.05
14.00	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	12.00	nos	4871.95	Rupees Four Thousand Six Hundred Seventy One And Paise Ninety Five Only	56063.40
15.00	600 mm circular	6.00	nos	4521.33	Rupees Four Thousand Five Hundred Twenty One And Paise Thirteen Only	27126.78
16.00	600 mm x 450 mm rectangular	6.00	nos	4376.60	Rupees Four Thousand Three Hundred Seventy Six And Paise Sixty Only	26259.60
17.00	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	38.00	nos	831.09	Rupees Eight Hundred Thirty One And Paise Nine Only	31581.42
18.00	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	282.00	per cm height per letter	0.73	Rupees And Paise Seventy Three Only	205.86
19.00	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	201.00	Each	1254.41	Rupees One Thousand Two Hundred Fifty Four And Paise Forty One Only	252136.41

Signature
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Signature
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31/07/23

No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
20.00	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.	549.00	Sqm	880.39	Rupees Eight Hundred Eighty Six And Paise Thirty Nine Only	485628.11
21.00	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 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 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	4.00	nos	11745.59	Rupees Eleven Thousand Seven Hundred Forty Six And Paise Fifty Nine Only	46988.36
22.00	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	11.52	Cum	6687.17	Rupees Six Thousand Six Hundred Eighty Seven And Paise Seventeen Only	77036.20
23.00	Plastering with cement mortar (1:4) :- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	80.64	Sqm	260.60	Rupees Two Hundred Sixty And Paise Sixty Only	21014.78

Reddy
20/12/2022

Reddy
31.12.2022
31/12/22
Executive Engineer
R.W.D. Works Division
Belsand
Reddy
31/12/22

Sl.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
24.00	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	80.64	Sqm	133.61	Rupees One Hundred Thirty Three And Paise Sixty One Only	10774.31
	Total cost Of Construction					1,02,82,780.15
25.00	Maintenance for 5 year	20.00	Per 3 month	163074.90	Rupees One Lakh(s) Sixty Three Thousand Seventy Four And Paise Ninety Only	32,61,498.00
26.00	Total Estimated Cost in Figures					1,35,44,278.15
17.00	1% Labour					1,35,442.78
18.00	18% GST					24,37,970.07
29.00	TOTAL SEIGNIORAGE FEE					1,31,753.20
30.00	Quoted Amount				1,62,49,444.20	1,62,49,444.00
	Quoted Rate in Words				Rupees One Crore Sixty Two Lakh(s) Forty Nine Thousand Four Hundred Forty Four Only	

Retnax
24.04.2023

BOA Approved for Rs. 1,62,49,444.00 (Rupees one crore sixty two lakh forty nine thousand four hundred forty four only.)
for total 1 to 30 (thirty) items only.

रजनीश कुमार

अधीक्षक अभियंता
ग्रामीण कार्य विभाग, कार्य अंचल
सीतामढ़ी
24/04/2023 24/4/23

Retnax
31.07.2023
Executive Engineer
R.W.D. Works Division
Belsand
अधीक्षक