

Construction of Road With 5 Year maintenance Road from Package No-MR-N/2022-23 Belsand/03 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-4,43,99,354.00 (Four Crore Fourty Three Lakh Ninety Nine Thousand Three Hundred Fifty Four 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

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27.03.2023
Executive Engineer
RWD Work Division
Belsand
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27.03.23

(viii) Bill of Quantities and

(ix) Any other document listed in the contract Data as froming 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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Handwritten signature
27.03.2023
Executive Engineer

RWD Work Division

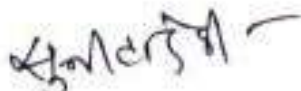
Belsand

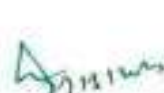
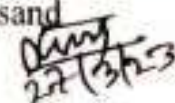
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27/3/23

AGREEMENT

1. Agreement No. :- 37 MBD / 2022-23
2. Name of Work :- Construction of Road With 5 Year maintenance of Package No-MR-N/2022-23 Belsand/03 Under M/R 3054 Scheme.
3. Name of Agency :- Smt. Sunita Devi
AT- Lichi Gachhi Prabhat Nagar, Shekhpur,
Distt- Muzaffarpur.
4. Construction Cost :- Rs 3,65,40,586 ~ 00
5. Maintenance Cost :- Rs 78,58,798 ~ 00
- Total :- Rs 4,43,99,384 ~ 00
6. Performance Security Deposit :- BG - NSC - (22,60,000 ~ 00)
APL 40,000 ~ 00
S.D. 22,20,000 ~ 00
7. B.G. No. / Bank :-
8. Work Allotted rate :- 0.05% (136000)
9. The Employer shall retain S.D. of (8 %) 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 :- 21.03.2023
11. Time required for the work from date of written order to commence :- 9 Month
12. Total No. of Items :- 3 Road (25 + 25 + 25)

Note : SBD Rules Terms and condition will be applicable.


Contractor


27.03.2023
Executive Engineer
RWD, Works Division
Belsand

27/3/23

Tender Inviting Authority: Engg-In Chief RWD Patna						
Name of Work :- Kamear PMGSY Road To Kamear Yadav Tola						
Name Of Block :- BELSAND						
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, removal 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	0.28	HA	81577.50	Rupees Sixty One Thousand Five Hundred Seventy Seven And Five Paise Only	16510.15
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	552.38	Cum	253.71	Rupees Two Hundred Fifty Three And Paise Seventy One Only	140124.03
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, all OMC and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401.	14.19	Cum	2487.20	Rupees Two Thousand Four Hundred Eighty Seven And Paise Twenty Only	35293.37
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.	12.32	Cum	4950.10	Rupees Four Thousand Nine Hundred Fifty And Paise Ten Only	60985.23
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.	16.40	Cum	4776.30	Rupees Four Thousand Seven Hundred Seventy And Paise Thirty Only	78232.92

8/2/23

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27-03-2023
Executive Engineer
RWD Work Division
Belsand

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27/3/23

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs P
				Figure	Words	
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	218.70	Sqm	80.50	Rupees Fifty And Paise Fifty Only	13231.35
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 hydraulic broom as per technical specification clause 503	218.70	Sqm	20.81	Rupees Twenty And Paise Sixty One Only	4567.41
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	218.70	Sqm	255.50	Rupees Two Hundred Fifty Five And Paise Fifty Only	55877.85
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 hydraulic broom as per technical specification clause 503	2737.50	Sqm	16.40	Rupees Sixteen And Paise Forty Only	44895.00
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.	68.44	Cum	13660.50	Rupees Thirteen Thousand Six Hundred Sixty And Paise Fifty Only	934924.62
	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 650-1, cement content not to be less than 130 kg/cum, optimum moisture content to be determined during trial length construction, concrete strength not to be less than 10	8.78	Cum	4442.50	Rupees Four Thousand Four Hundred Forty Two And Paise Fifty Only	39005.15

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 27/03/2023
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 RWD Work Division
 Belsand
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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
	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 0.20 cum 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 leveling 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	351.00	Cum	8601.10	Rupees Eight Thousand Six Hundred One And Paise Ten Only	3018966.10
11.00	Kilometre stone :- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC 5 fixing in position including painting and priming, etc as per drawing and technical specification clause 1703. (1 km Stone	2.00	NOS	2950.00	Rupees Two Thousand Nine Hundred Fifty Only	5900.00
12.00	(i) 200 m Stone	6.00	NOS	751.00	Rupees Seven Hundred Fifty One Only	4506.00
13.00	Direction and Place Identification signs with size more than 0.9 sqm size board :- Retro-reflectonised Traffic Signs Providing and erecting direction and place identification retro-reflectonised sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3, fixed over aluminum 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.	1.02	Sqm	13010.00	Rupees Thirteen Thousand Ten Only	24979.20

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17.03.2023
Executive Engineer
RWD Work Division
Balsand
21/12/20

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs P
				Figure	Words	
14.00	Retro-reflectised Traffic Signs :- Providing and fixing of retro-reflectised cautionary, mandatory and informative sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1101.2.3 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 801.4 600 mm equilateral triangle	4.00	nos	4489.11	Rupees Four Thousand Four Hundred Eighty Nine And Paise Eleven Only	17558.44
15.00	600 mm circular	2.00	nos	4425.06	Rupees Four Thousand Four Hundred Twenty Five And Paise Six Only	8850.12
16.00	600 mm x 450 mm rectangular	2.00	nos	4281.33	Rupees Four Thousand Two Hundred Eighty One And Paise Thirty Three Only	8562.66
17.00	Boundary Pillar/Guard Post :- Reinforced cement concrete, M15 grade boundary pillar/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	640.05	Rupees Six Hundred Forty Only	11520.00
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	142.00	per cm height per letter	0.54	Rupees And Paise Fifty Four Only	76.68
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	65.00	Each	1091.24	Rupees One Thousand Ninety One And Paise Twenty Four Only	70933.60
20.00	Road Marking with Hot Applied Thermoplastic :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting glass beads @ 150 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 breaks and holes	263.00	Sqm	821.80	Rupees Eight Hundred Twenty Three And Paise Eighty Only	216153.40

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28/03/23

28/03/23

Executive Engineer
RWD Work Division
Belsand

28/03/23

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs P
				Figure	Words	
21.00	Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical MARGSY informatory sign board with Logo as per MORD specifications and drawing Three MS Plates of 16 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 3mm. 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 steel tubes posts duly embedded in cement concrete IS-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 MS will be stove enamelled 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	10500.00	Rupees Ten Thousand Five Hundred And Paise Eighty Only	21000.00
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	5.76	Cum	6277.40	Rupees Six Thousand Two Hundred Seventy Seven And Paise Forty Only	36147.82
23.00	Plastering with cement mortar (1:4) :- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	40.32	Sqm	213.00	Rupees Two Hundred Thirteen Only	8588.16
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	117.12	Sqm	110.88	Rupees One Hundred Sixteen And Paise Eighty Six Only	13006.64
	Total cost Of Construction					48,91,848.50
25.00	Maintenance for 1st year	20.00	Per 3 month	53088.75	Rupees Fifty Three Thousand Sixty Eight And Paise Seventy Five Only	10,61,375.00
	Total Estimated Cost in Figures					59,53,223.50
	1% Labour					59,528.24
	18% GST					10,71,508.23
	TOTAL SEIGNIORAGE FEE					37,122.26
	Quoted Amount				71,50,982.23	71,50,982.00
	Quoted Rate in Words				Rupees Seventy One Lakh Fifty Thousand Nine Hundred Eighty Two Only	

300 approved for Rs 71,50,982.23 (Rupees Seventy one lakh fifty thousand Nine hundred Eighty two only) Item No 1 to 25

22/9/22

28/12/21

21/11/21
Executive Engineer
RWD Work Division
Balsang
22/9/22