

AGREEMENT

1. Agreement No. :- 23 MBD / 2021-22
2. Name of Work :- Construction of Road With 5 Year maintenance of Package No-MR-N/2019-20 Belsand/05 Under M/R 3054 scheme.
3. Name of Agency :- Smt- Sunita Devi
At- Lichi Gachhi Prabhat Nagar, Nazirpur,
Ahiyapur, Dist- Muzaffarpur.
4. Construction Cost :- Rs 3,85,89,455 ~ 00
5. Maintenance Cost :- Rs 1,22,03,404
- Total :- Rs 5,07,92,859 ~ 00
6. Performance Security Deposit :- BG -
7. B.G. No. / Bank :-
8. Work Allotted rate :- (-) 5.31% (Below)
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 :- 13 / 09 / 21
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


13/09/21
Executive Engineer
R.W.D., Works Division
Belsand

13/09/21

Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: = Beland Khoti To Rupauli

Name Of Block = Beland

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	hs	49496.70	Rupees Forty Nine Thousand Four Hundred Ninety Six And Paise Seventy Only	24748.35
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 400.2	1050.00	Cum	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only	185587.50
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.	64.19	Cum	2164.41	Rupees Two Thousand One Hundred Sixty Four And Paise Forty One Only	138933.48
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 402	55.24	Cum	3912.56	Rupees Three Thousand Nine Hundred Twelve And Paise Fifty Six Only	216129.81

Executive Engineer
R.W.D. Works Division
Belsand

13/09/21

13/9/21

13/09/21

Sl. 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	97.46	Cum	3810.51	Rupees Three Thousand Six Hundred Ten And Paise Fifty One Only	351880.30
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.	1299.47	Sqm	41.40	Rupees Forty One And Paise Forty Only	53798.06
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.	1403.53	Sqm	14.04	Rupees Fourteen And Paise Four Only	19705.56
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	1403.53	Sqm	207.19	Rupees Two Hundred Seven And Paise Nineteen Only	290797.38
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.	9375.00	Sqm	11.77	Rupees Eleven And Paise Seventy Seven Only	110343.75


 13/09/21
 Executive Engineer
 R.W.D. Works Division
 Belsand

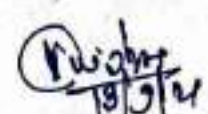
Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
10.00	Semi-Dense Bituminous Concrete :- Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified 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. 506 complete in all respects.	234.38	Cum	10377.53	Rupees Ten Thousand Three Hundred Seventy Seven And Paise Fifty Three Only	2432285.48
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	2469.53	Rupees Two Thousand Four Hundred Sixty Nine And Paise Fifty Three Only	9878.12
12.00	ii) 200 m Stone	10.00	nos	660.60	Rupees Six Hundred Sixty And Paise Sixty Only	6606.00
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	0.00	Sqm	12467.31	Rupees Twelve Thousand Four Hundred Sixty Seven And Paise Thirty One Only	0.00
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 ii) 600 mm equilateral & triangle	6.00	nos	3741.24	Rupees Three Thousand Seven Hundred Forty One And Paise Twenty Four Only	22447.44
15.00	600 mm circular	2.00	nos	3840.59	Rupees Three Thousand Eight Hundred Forty And Paise Fifty Nine Only	7681.18
15.00	600 mm x 450 mm rectangular	4.00	nos	3711.47	Rupees Three Thousand Seven Hundred Eleven And Paise Forty Seven Only	14845.88

Executive Engineer
R.W.D. Works Division
Belsand

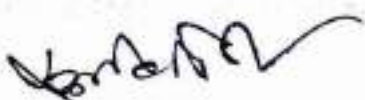
13/09/24

13/09/24

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
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	36.00	nos	518.57	Rupees Five Hundred Eighteen And Paise Fifty Seven Only	18668.52
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	0.00	per m height per m	0.51	Rupees And Paise Fifty Only	0.00
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	97.00	Each	800.30	Rupees Eight Hundred And Paise Thirty Only	77629.10
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.	500.00	Sqm	735.40	Rupees Seven Hundred Thirty Five And Paise Forty Only	367700.00
21.00	Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical MMSY informatory sign board with Logo, as per MORD specifications and drawing. Three MS Plates of 1.5 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	2.00	nos	9510.79	Rupees Nine Thousand Five Hundred Ten And Paise Seventy Nine Only	19021.58
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	8.64	Cum	5265.93	Rupees Five Thousand Two Hundred Sixty Six And Paise Ninety Three Only	45506.26


 Executive Engineer
 R.W.D. Works Division
 Belsand


 13/09/24



Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
23.00	Plastering with cement mortar (1:4):- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	60.48	Sqm	195.48	Rupees One Hundred Ninety Five And Paise Forty Eight Only	11822.63
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	175.68	Sqm	95.63	Rupees Ninety Five And Paise Sixty Three Only	16800.28
25.00	Maintenance for 1st year	1.00	Year	64206.00	Rupees Sixty Four Thousand Two Hundred Six Only	64206.00
26.00	Maintenance for 2nd year	1.00	Year	215091.00	Rupees Two Lakh(s) Fifteen Thousand Ninety One Only	215091.00
27.00	Maintenance for 3rd year	1.00	Year	241073.00	Rupees Two Lakh(s) Forty One Thousand Seventy Three Only	241073.00
28.00	Maintenance for 4th year	1.00	Year	270159.00	Rupees Two Lakh(s) Seventy Thousand One Hundred Fifty Nine Only	270159.00
29.00	Maintenance for 5th year	1.00	Year	594650.00	Rupees Five Lakh(s) Ninety Four Thousand Six Hundred Fifty Only	594650.00
Total Estimated Cost in Figures						58,27,995.68
31	1% Labour					58,279.96
32	12% GST					6,99,359.48
Quoted Amount				65,85,635.12		65,85,635.00
Quoted Rate in Words		Rupees Sixty Five Lakh(s) Eighty Five Thousand Six Hundred Thirty Five Only				

Handwritten signature
88

Approved 32 (Thirty two) Items
Valuing Rs. 65,85,635.00 (Rs. Sixty five Lakh
eighty five thousand six hundred thirty five) only
as Corrected

Handwritten signature
S. E.
RWD WORKS CIRCLE
SITAMARHI

Handwritten signature
Executive Engineer
R.W.D. Works Division
Belsand
13/09/24

Handwritten signature