



बेहार BIHAR

7/7/21
8.9.2021

कमिश्नर मंडल 1000/- जल संवर्धन विभाग
AM 014093

AGREEMENT

03 SEP 2021
Agreement No

Name of Works

जि. मंडल 1000/- जल संवर्धन विभाग
23 MBD/2021-22 जल संवर्धन विभाग
जल संवर्धन विभाग

:- Construction of Road With 5 Year maintenance of
Package No-MR-N/2019-20 Belsand/05 Under M/R
3054 scheme.

1. Belsand D. Ghat To Jaynagar Tola
2. Lohasi To Bhagwati Asthan Path
3. Patahi To Patahi Tola
4. Pachnaur To Maula Nagar (Part-B) 2.69 Km
5. Belsand Khurd To Hanuman Nagar
6. Belsand Kothi To Rupauli

Name of Agency

:- Smt- Sunita Devi
At- Lichi Gachhi Prabhat Nagar, Nazirpur, Ahiyapur,
Dist- Muzaffarpur.

Date of Start

:- 13/09/2021

Date of Completion

:- 12/06/2022

E.M. Deposit

:-

This Agreement Made on 13/09/21 between Executive Engineer, Rural Work
Department, Works Division, Belsand of the one part and Smt- Sunita Devi, At- Lichi Gachhi
Prabhat Nagar, Nazirpur, Ahiyapur, Dist- Muzaffarpur. Whereas the Employer is desirous that
the contractor execute the Works under M/R 3054 Scheme.

[Signature]

[Signature]
13/09/21

[Signature]
18/9/21
Executive Engineer
R.W.D. Works Division
Belsand

[Signature]
13/09/21

Construction of Road With 5 Year maintenance Road from Package No-MR-N/2019-20 Belsand/05 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 – 5,07,92,859.00 (Five Crore Seven Lacs Ninety Two Thousand Eight Hundred Fifty Nine 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

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13/09/21

Executive Engineer
R.W.D. Works Division
Belsand

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13/9/21

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13/09/21

(vii) Drawings

(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

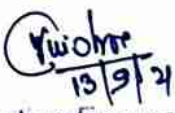
Was hereunto affixed in the presence of

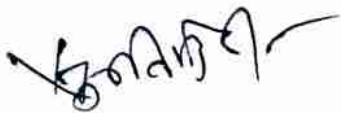
Signed, sealed and Delivered by the said

In the presence of

Binding signature of Employer

Binding signature of contractor.


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





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 Mon
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

Order Inviting Authority: Engg-in Chief RWD Patna

Name of Work: = Pachnour To Maula Nagar (Part - B)

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, 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	49496.70	Rupees Forty Nine Thousand Four Hundred Ninety Six And Paise Seventy Only	27223.19
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 200.2.	1159.20	Cum	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only	204888.60
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.	86.89	Cum	2225.14	Rupees Two Thousand Two Hundred Twenty Five And Paise Fourteen Only	193342.41
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.	72.30	Cum	4042.60	Rupees Four Thousand Forty Two And Paise Sixty Only	292279.98

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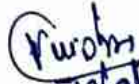
13/09/21

Executive Engineer
R.W.D. Works Division
Belsand

13/09/21

13/09/21

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	117.84	Cum	3724.87	Rupees Three Thousand Seven Hundred Twenty Four And Paise Eighty Seven Only	438938 68
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.	1571.20	Sqm	41.44	Rupees Forty One And Paise Forty Four Only	65110 53
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	1599.33	Sqm	14.05	Rupees Fourteen And Paise Five Only	22470 59
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	1599.33	Sqm	209.39	Rupees Two Hundred Nine And Paise Thirty Nine Only	334883 71
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	10350.00	Sqm	11.78	Rupees Eleven And Paise Seventy Eight Only	121923 00


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

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	258.75	Cum	10495.70	Rupees Ten Thousand Four Hundred Ninety Five And Paise Seventy Only	2715762.38
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) 5th km Stone	0.00	nos	4634.97	Rupees Four Thousand Six Hundred Thirty Four And Paise Ninety Seven Only	0.00
12.00	ii) km stone	4.00	nos	2495.81	Rupees Two Thousand Four Hundred Ninety Five And Paise Eighty One Only	9983.24
13.00	iii) 200 m Stone	11.00	nos	665.28	Rupees Six Hundred Sixty Five And Paise Twenty Eight Only	7318.08
14.00	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	12483.71	Rupees Twelve Thousand Four Hundred Eighty Three And Paise Seventy One Only	0.00
15.00	Retro-reflectorised Traffic Signs :- Providing and fixing of retro-reflectorised cautionary mandatory and informative 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	6.00	nos	3753.53	Rupees Three Thousand Seven Hundred Fifty Three And Paise Fifty Three Only	22521.18
16.00	600 mm circular	4.00	nos	3852.88	Rupees Three Thousand Eight Hundred Fifty Two And Paise Eighty Eight Only	15411.52
17.00	600 mm x 450 mm rectangular	4.00	nos	3723.76	Rupees Three Thousand Seven Hundred Twenty Three And Paise Seventy	14895.04

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R.W.D. Works Division
Belsand

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19/9/21

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
18.00	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	84.00	nos	520.71	Rupees Five Hundred Twenty And Paise Seventy One Only	43739.64
19.00	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 cm height per line	0.51	Rupees And Paise Fifty Only	0.00
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	131.00	Each	800.30	Rupees Eight Hundred And Paise Thirty Only	104839.30
21.00	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.	552.00	Sqm	735.40	Rupees Seven Hundred Thirty Five And Paise Forty Only	405940.80
22.00	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 street 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	9535.38	Rupees Nine Thousand Five Hundred Thirty Five And Paise Thirty Eight Only	19070.76
23.00	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 1704	20.16	Cum	5266.93	Rupees Five Thousand Two Hundred Sixty Six And Paise Ninety Three Only	106181.31

Signature

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13/09/24

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

No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
24.00	Plastering with cement mortar (1:4):- Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	141.12	Sqm	197.29	Rupees One Hundred Ninety Seven And Paise Twenty Nine Only	27841.56
25.00	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	409.92	Sqm	95.63	Rupees Ninety Five And Paise Sixty Three Only	39200.65
26.00	Maintenance for 1st year	1.00	Year	82071.00	Rupees Eighty Two Thousand Seventy One Only	82071.00
27.00	Maintenance for 2nd year	1.00	Year	264731.00	Rupees Two Lakh(s) Sixty Four Thousand Seven Hundred Thirty One Only	264731.00
28.00	Maintenance for 3rd year	1.00	Year	291094.00	Rupees Two Lakh(s) Ninety One Thousand Ninety Four Only	291094.00
29.00	Maintenance for 4th year	1.00	Year	321653.00	Rupees Three Lakh(s) Twenty One Thousand Six Hundred Fifty Three Only	321653.00
30.00	Maintenance for 5th year	1.00	Year	784884.00	Rupees Seven Lakh(s) Eighty Four Thousand Eight Hundred Eighty Four Only	784884.00
Total Estimated Cost in Figures						69,78,199.15
31	1% Labour					69,781.99
32	12% GST					8,37,383.90
Quoted Amount					78,85,365.04	78,85,365.00
Quoted Rate in Words				Rupees Seventy Eight Lakh(s) Eighty Five Thousand Three Hundred Sixty Five Only		

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CB

Approved 32 (thirty two) items
Valuing Rs. 78,85,365.00 (Rs. Seventy eight Lakh
eighty five thousand three hundred sixty five) only
as Corrected

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S. E.
R.W.D WORKS CIRCLE
SITAMARHI

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19/9/24
Executive Engineer
R.W.D. Works Division
Belsand
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13/09/24

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