



बिहार BIHAR

23 DEC 2021

AGREEMENT (Supplementary)

Supplementary Agreement No :- 55 (S) MBD / 2021-22

Primary Agreement No :- 55 MBD/2021-22

Dated-15.06.2020

Name of Works

- :- Construction of Road With 5 Year maintenance of Package No-MR-N/2019-20 Belsand/05 Revised Supplementary Agreement Under MR-3054 Scheme.
1. Bishanpur To Sasaula
 2. Gharwara To Masahi

Name of Agency

- :- Ashok Kumar Singh
Ward No-04, Shanti Nagar
Dumra, Sitamarhi.

Date of Start

:-

Date of Completion

:-

E.M. Deposit

:-

This Agreement Made on 7th Feb. 2022 between Executive Engineer, Rural Work Department, Works Division, Belsand of the one part and Ashok Kumar Singh, Ward No-04, shanti Nagar, Dumra, Sitamarhi. Whereas the Employer is desirous that the contractor execute the Works under M/R 3054 Scheme.

Ashok Kumar Singh

Purshra
7/2/22
Executive Engineer
R. W. D. Works Division
Belsand
07/02/22

Construction of Road With 5 Year maintenance Road from Package No-MR-N/2019-20 Belsand/05 Revised Supplementary Agreement 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 -31,86,974.00 (Thirty One Lacs Eighty Six Thousand Nine Hundred Seventy 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

Asok Kumar Singh

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7/2/22
Executive Engineer
R. W. D. Works Division
Belsand
07/02/22

- (vii) Drawings
- (viii) Bill of Quantities and
- (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.

ASHOK KUMAR BIRTH

Rushor
7/2/22
Executive Engineer
R. W. D. Works Division
Belsand
Ramesh
07/02/22

AGREEMENT

1. Supplementary Agreement No :- 55 (S) MBD / 2021-22
2. Primary Agreement No :- 55 MBD/2020-21 Dated-15.06.2020
3. Name of Work :- Construction of Road With 5 Year maintenance of Package No-MR-N/2019-20 Belsand /05 Revised Supplementary Agreement Under M/R 3054 Scheme.
B. "Gharwara To Masahi "
4. Name of Agency :- Ashok Kumar Singh
Ward No-04 Shanti Nagar
Dumra, Sitamarhi
5. Primary Agreement Value :-

A. Construction Cost :-	67,10,272.00
B. Maintenance Cost :-	<u>27,79,150.00</u>
Total :-	94,89,422.00
6. Deviation/ Variation Amount :-

A. Construction Cost :-	17,49,102.00
B. Maintenance Cost :-	<u>(-) 3,94,324.00</u>
7. Supplementary Agreement Value :- **13,54,778.00**
8. Work Allotted Rate :- (0.10 % Below)
9. Total Agreement Value :-

A. Construction Cost :-	84,59,374.00
B. Maintenance Cost :-	<u>23,84,826.00</u>
Total :-	1,08,44,200.00
10. Performance Security Deposit :-
11. B.G. No. / Bank :-
12. 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.
13. Date of written order to commence :-
14. Time required for the work from date of written order to commence :-
15. Total No. of Items :-

Note : MBD Rules Terms and condition will be applicable.

Ashok Kumar Singh
Contractor

Rishra
7/2/22
Executive Engineer
R.W.D. Works Division
Belsand
07/02/22

Tender Inviting Authority: Engg-In Chief RWD Patna						
Name of Work: =		Revised Estimate For Gharwara To Masahl				
Name Of Block =		Suppl				
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	0.64	ha	49496.70	Rupees Forty Nine Thousand Four Hundred Ninety Six And Paise Seventy Only	31677.89
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.	1344.00	Cum	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only	237552.00
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.	267.38	Cum	2112.83	Rupees Two Thousand One Hundred Twelve And Paise Eighty Three Only	564936.94
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.	153.55	Cum	3802.12	Rupees Three Thousand Eight Hundred Two And Paise Twelve Only	583819.33

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 Executive Engineer
 R. W. D. Works Division
 Belsand

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 Specification Clause 405.	229.15	Cum	3513.37	Rupees Three Thousand Five Hundred Thirteen And Paise Thirty Seven Only	805102.79
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.	3055.39	Sqm	41.33	Rupees Forty One And Paise Thirty Three Only	126279.23
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.	3127.39	Sqm	14.02	Rupees Fourteen And Paise Two Only	43845.99
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	3127.39	Sqm	205.32	Rupees Two Hundred Five And Paise Thirty Two Only	642115.51
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.	12000.00	Sqm	11.75	Rupees Eleven And Paise Seventy Five Only	141000.00

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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. 508 complete in all respects.	300.00	Cum	10277.01	Rupees Ten Thousand Two Hundred Seventy Seven And Paise One Only	3083103.00
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	2323.40	Rupees Two Thousand Three Hundred Twenty Three And Paise Forty Only	9293.60
12.00	ii) 200 m Stone	13.00	nos	634.62	Rupees Six Hundred Thirty Four And Paise Sixty Two Only	8250.06
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	12376.15	Rupees Twelve Thousand Three Hundred Seventy Six And Paise Fifteen Only	23762.21
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	64.00	nos	3672.86	Rupees Three Thousand Six Hundred Seventy Two And Paise Eighty Six Only	235063.04
15.00	600 mm circular	8.00	nos	3772.21	Rupees Three Thousand Seven Hundred Seventy Two And Paise Twenty One Only	30177.68
16.00	600 mm x 450 mm rectangular	28.00	nos	3643.09	Rupees Three Thousand Six Hundred Forty Three And Paise Nine Only	102006.52

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Executive Engineer
R. W. D. Works Division
Belsand
7/2/22

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
17.00	Boundary Pillar/Gaurd 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	72.00	nos	506.67	Rupees Five Hundred Six And Paise Sixty Seven Only	36480.24
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	528.00	per cm height per lett	0.51	Rupees And Paise Fifty One Only	269.28
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	160.00	Each	800.30	Rupees Eight Hundred And Paise Thirty Only	128048.00
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.	640.00	Sqm	735.40	Rupees Seven Hundred Thirty Five And Paise Forty Only	470656.00
21.00	Providing and Fixing 'Logo' of Maintenance Project :- Providing and fixing of typical MGSY 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	4.00	nos	9374.04	Rupees Nine Thousand Three Hundred Seventy Four And Paise Four Only	37496.16
22.00	Brick Masonary 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	17.28	Cum	5704.42	Rupees Five Thousand Seven Hundred Four And Paise Forty Two Only	98572.38

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Executive Engineer
R. W. D. Works Division
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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	120.96	Sqm	169.86	Rupees One Hundred Sixty Nine And Paise Eighty Six Only	20546.27
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	351.36	Sqm	95.63	Rupees Ninety Five And Paise Sixty Three Only	33600.56
25.00	Maintainance for 1st year	1.00	Year	180815.00	Rupees One Lakh(s) Eighty Thousand Eight Hundred Fifteen Only	180815.00
26.00	Maintainance for 2nd year	1.00	Year	330491.00	Rupees Three Lakh(s) Thirty Thousand Four Hundred Ninety One Only	330491.00
27.00	Maintainance for 3rd year	1.00	Year	448974.09	Rupees Four Lakh(s) Forty Eight Thousand Nine Hundred Seventy Four And Paise Nine Only	448974.09
28.00	Maintainance for 4th year	1.00	Year	348228.00	Rupees Three Lakh(s) Forty Eight Thousand Two Hundred Twenty Eight Only	348228.00
29.00	Maintainance for 5th year	1.00	Year	804070.00	Rupees Eight Lakh(s) Four Thousand Seventy Only	804070.00
Total Estimated Cost In						96,06,232.77
1% Labour						96,062.35
12% GST						11,52,748.20
Quoted Amount					1,08,55,043.32	10855043.32
Quoted Rate in Words		Rupees One Crore Eight Lakh(s) Fifty Five Thousand Forty Three And Paise Thirty Two Only				

Aggrest rate = - (1%)
Aggrestment Amount = 10844200 =

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विभागीय-विचलन समिति से दिनांक 04-01-2022 को स्वीकृत, अभियंता-प्रमुख के पत्रांक मु० (3054-04-02/2022)-328 अनु० दिनांक 20/01/2022 द्वारा समुदाय एवं मुख्य अभियंता-3 के पत्रांक-स्वी०-10-45/21-437 अनु० दि०-25-01-20 द्वारा पुनरीक्षित तकनीकी स्वीकृति प्राप्त होने के उपरान्त, स्वरचित एवं - (0.1%) पर पुनरीक्षित परीमाण-विपत्र की स्वीकृति जिसकी राशि (10844200=रु०) एक करोड़ आठ लाख चौबालीस हजार के हों स्वयं से विभागीय नियम-एवं शर्तों के तहत प्रदान की जाती है।

Asstt. Engineer Sd/-

27/01/2022

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Sd/-
Executive Engineer
R. W. D. Works Division
Belsand
27/01/22