



बिहार BIHAR

Supplementary Agreement

Supplementary Agreement No :- 65 (S) MBD / 2020-21
Primary Agreement No :- 65 MBD/2020-21

Dated-29.07.2021

Name of Works

:- Construction of Road With 5 Year maintenance from
Lalpur Kodariya To Chainpur Path Package No-MR-
N/2019-20 Belsand /01 Revised /Supplementary
Agreement Under MR-3054 Scheme.

Name of Agency

:- M/S Prashant Bhaskar
Vill- Nandpuri Bhagwanpur, P.S- Sadar
Distt- Muzaffarpur

Date of Start :-

Date of Completion :-

E.M. Deposit :- 40,000.00

This Agreement Made on 16/03/2022 between Executive Engineer, Rural Work Department, Works Division, Belsand of the one part and M/S Prashant Bhaskar, Vill- Nandpuri Bhagwanpur, P.S- Sadar, Distt- Muzaffarpur. Whereas the Employer is desirous that the contractor execute the Works under M/R 3054 Scheme.

Prashant

Assian

R. W. D.
Executive Engineer
R. W. D. Works Division
Belsand

R. W. D.
16/03/22

Supplementary Agreement

1. Supplementary Agreement No :- 65 (S) MBD / 2020-21
2. Primary Agreement No :- 65 MBD/2020-21 Dated-29.07.2021
3. Name of Work :- Construction of Road With 5 Year maintenance from Lalpur Kodariya To Chainpur Path Package No-MR-N/2019-20 Belsand /01 Revised/ Supplementary Agreement Under M/R 3054 Scheme.
4. Name of Agency :- M/S Prashant Bhaskar
Vill- Nandpuri Bhagwanpur, P.S- Sadar
Distt- Muzaffarpur
5. Primary Agreement Value :-

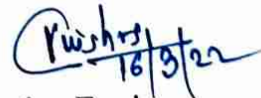
A. Construction Cost :-	90,04,085.00
B. Maintenance Cost :-	<u>36,21,755.00</u>
Total :-	<u>1,26,25,840.00</u>
6. Deviation/ Variation Amount :-


A. Construction Cost :-	19,18,158.00
B. Maintenance Cost :-	<u>(-) 35,998.00</u>
7. Supplementary Agreement Value :- 18,82,160.00
8. Work Allotted Rate :- (0.69 % Below)
9. Total Agreement Value :-

A. Construction Cost :-	1,09,22,243.00
B. Maintenance Cost :-	<u>35,85,757.00</u>
Total :-	<u>1,45,08,000.00</u>
10. Performance Security Deposit :-
11. B.G. No. / Bank :- 40,000.00
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.


Contractor


Executive Engineer
R.W.D. Works Division
Belsand


16/05/22

MR

AD:- Revised Estimate For Lalpur kodariya chainpur path		Length:-		4.500 KM	
Surface (TYPE-B) Bituminous With Waste Plastic:-		DISTRICT:-Sitarahl		BLOCK:-Runni Saidpur	
Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
1 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	0.90	Ha	49496.70	Rupees Forty Nine Thousand Four Hundred Ninety Six And Paise Seventy Only	44547.0
2 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.	1890.00	Cum	176.75	Rupees One Hundred Seventy Six And Paise Seventy Five Only	334057.50
3 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.	170.08	Cum	2255.51	Rupees Two Thousand Two Hundred Fifty Five And Paise Fifty One Only	383621.24
4 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.	147.96	Cum	4107.63	Rupees Four Thousand One Hundred Seven And Paise Sixty Three Only	607785.33
5 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.	257.71	Cum	3782.06	Rupees Three Thousand Seven Hundred Eighty Two And Paise Six Only	974690.59
6 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.	3436.19	Sqm	41.15	Rupees Forty One And Paise Fifteen Only	141399.22
7 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 hydrilloc broom as per technical specification clause 503.	3764.32	Sqm	13.96	Rupees Thirteen And Paise Ninety Six Only	52549.91

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16/3/22

Executive Engineer

R. W. D. Works Division

Belsand

16/03/22

Revised Estimate For Lalpur kodariya chalnpur path		Length:-		4.500 KM	
(TYPE-B) Bituminous With Waste Plastic:-		DISTRICT:-Sltamarhl		BLOCK:-Runni Salapur	
Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
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.	3764.32	Sqm	209.87	Rupees Two Hundred Nine And Paise Eighty Seven Only	790017.84
9 Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.25 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrilloc broom as per technical specification clause 503.	16312.50	Sqm	11.71	Rupees Eleven And Paise Seventy One Only	191019.38
10 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.	407.81	Cum	10512.09	Rupees Ten Thousand Five Hundred Twelve And Paise Nine Only	4286935.42
11 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.	42.19	Cum	3782.06	Rupees Three Thousand Seven Hundred Eighty Two And Paise Six Only	159565.11

Resubant

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16/3/22

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16/3/22
Executive Engineer
R. W. D. Works Division
Belsand

16/03/22

Revised Estimate For Lalpur kodariya chainpur path			Length:-	4.500 KM	
(TYPE-B) Bituminous With Waste Plastic):-		DISTRICT:-Sltamarhl	BLOCK:-Runni Saldpur		
tion of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
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.	90.00	Cum	7714.68	Rupees Seven Thousand Seven Hundred Fourteen And Paise Sixty Eight Only	694321.20
13 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	6.00	Nos	2432.10	Rupees Two Thousand Four Hundred Thirty Two And Paise Ten Only	14592.60
14 200 m Stone	18.00	Nos	653.95	Rupees Six Hundred Fifty Three And Paise Ninety Five Only	11771.10
15 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 600mm equilateral triangle	4.00	Nos	3723.72	Rupees Three Thousand Seven Hundred Twenty Three And Paise Seventy Two Only	14894.88
16 600 mm circular	2.00	Nos	3823.07	Rupees Three Thousand Eight Hundred Twenty Three And Paise Seven Only	7646.14
17 600 mm x 450 mm rectangular	2.00	Nos	3693.95	Rupees Three Thousand Six Hundred Ninety Three And Paise Ninety Five Only	7387.90
18 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	96.00	Nos	515.52	Rupees Five Hundred Fifteen And Paise Fifty Two Only	49489.92

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Executive Engineer
R. W. D. Works Division
Belsand

16/03/22

Revised Estimate For Lalpur kodariya chainpur path

Length:-

4.500 KM

(TYPE-B) Bituminous With Waste Plastic):-

DISTRICT:-Sltamarhi

BLOCK:-Runni Saidpur

tion of work

No. or
Qty.

Unit

Estimated Rate

AMOUNT
Rs. P

Figure

Words

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

138.00

Each

800.30

Rupees Eight
Hundred And Paise
Thirty Only

110441.40

20 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.
At Edge
For BT Portion

870.00

Sqm

735.40

Rupees Seven
Hundred Thirty Five
And Paise Forty Only

639798.00

21 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 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

2.00

Nos

9475.77

Rupees Nine
Thousand Four
Hundred Seventy
Five And Paise
Seventy Seven Only

18951.54

22 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

23.04

Cum

5266.93

Rupees Five
Thousand Two
Hundred Sixty Six
And Paise Ninety

121350.07

23 Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications

161.28

Sqm

183.17

Rupees One
Hundred Eighty
Three And Paise
Seventeen Only

29541.66

24 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

468.48

Sqm

95.63

Rupees Ninety Five
And Paise Sixty
Three Only

44800.74

25 1st Year Maintenance cost

1

year

255458.00

Rupees Two Lakh(s)
Fifty Five Thousand
Four Hundred Fifty
Eight Only

255458.00

26 2nd Year Maintenance cost

1

year

411437.00

Rupees Four
Lakh(s) Eleven
Thousand Four
Hundred Thirty
Seven Only

411437.00

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Executive Engineer

R. W. D. Works Division
Belsand

16/03/22

Revised Estimate For Lalpur kodariya chainpur path			Length:-	4.500 KM	
(TYPE-B) Bituminous With Waste Plastic:-		DISTRICT:-Sitamarhi	BLOCK:-Runni Saidpur		
Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
			Figure	Words	
3rd Year Maintenance cost	1	year	783569.00	Rupees Seven Lakh(s) Eighty Three Thousand Five Hundred Sixty Nine Only	783569.00
28 4th Year Maintenance cost	1	year	509219.00	Rupees Five Lakh(s) Nine Thousand Two Hundred Nineteen Only	509219.00
29 5th Year Maintenance cost	1	year	1235601.00	Rupees Twelve Lakh(s) Thirty Five Thousand Six	1235601.00
Total Estimated Cost In Figures					12926459.72
LABOUR CESS 1%					129264.60
GST 12%					1551175.17
Quoted Amount				14606899.00	14606899.00
Quoted Rate in Words		Rupees One Crore Forty Six Lakh(s) Six Thousand Eight Hundred Ninety Nine Only			

(-) 0.69% l/c

Work

Aggr. value 145.08 lac

Wishy

12/3/2022

Executive Engineer,
R.W.D. Works Division
Belsand

for

16/3/22

Wishy

16/3/22

Executive Engineer
R. W. D. Works Division
Belsand

16/3/22