

शीर्ष 3054 मरम्मत (बिहार ग्रामीण पथ अनुरक्षण नीति 2018)

M/S Dhaneshwar Nath Construction,
Add- Lalit Niketan Colony Sanjay Gandhi
Nagar, Hanuman Nagar, Kankarganbgh,
Patna-8000020, Mob-9835056856,
Email_rajivranjansingh72@rediffmail.com

बिहार सरकार

Agreement

Repair of Road 1. Anjani to Larha via Kardhia (Length- 3.00 K.M.) 2. Baribigha Datmai Path to Gularihiya Bigha (Length-2.60 K.M.) 3. Dhanarua to Nadpur (Length-2.01 K.M.) 4. Morhapur to Milki (Length 2.78 K.M.) 5. Musnapar- Masaurhi Path to Nauabagh (Length 2.10 K.M.) 6.

Construction of road from Karwan village Road to village Sewarncichak Mahadality Tola (Length 2.85) (Package-MR-N/19-20 Masaudih/06) Dhanarua Block Under 3054 MR मरम्मत (बिहार ग्रामीण पथ अनुरक्षण नीति 2018) (Tender ID-89784)

Agreement No.- 12/MC/2020-21

Accepted Rate:- on B.O.B. rate

Agreement Value:- ₹-5539927420

Start Date:- 14-8-2020

Intended Date of Completion:- 13-5-2021

[Handwritten Signature]

[Handwritten Signature]
Executive Engineer
Road & Works Department,
Masaurhi
Work Division, Masaurhi

शीर्ष 3054 मरम्मति (बिहार ग्रामीण पथ अनुरक्षण नीति 2018)

M/S Dhaneshwar Nath Construction,
Add- Lalit Niketan Colony Sanjay Gandhi
Nagar, Hanuman Nagar, Kankargabgh,
Patna-8000020, Mob-9835056856,
Email_rajivranjansingh72@rediffmail.com



बिहार सरकार

certified copy

16/06/22

Executive Engineer
R.W.D. Works Div. Masaurhi

16.06.22

Supplementary Agreement

Revise BOQ for Road From Road 1. Anjani to Larha via Kardhia
(Length-3.00 K.M.) 2. Baribigha Datmai Path to Gularihiya Bigha (Length-2.60 K.M.) 3.
Dhanarua to Nadpur (Length-2.01 K.M.) 4. Morhapur to Milki (Length 2.78 K.M.) 5.
Musnapar-Masaurhi Path to Nauabagh (Length 2.10 K.M.) 6. Construction of road from
Karwan village Road to village Sewarncichak Mahadality Tola (Lenght 2.85) (Package-MR-
N/19-20 Masaudih/06) Dhanarua Block शीर्ष 3054 मरम्मति (बिहार ग्रामीण पथ अनुरक्षण
नीति 2018) (Tender ID-89884)

Supplementary Agreement No.-12MBD 20-21

Accepted Rate:- on BOQ Rate

Agreement Value:- 58419127 - 55399274 = 3019853

Start Date:- _____

Intended Date of Completion:- _____

M/S DHANESHWAR NATH CONSTRUCTION
P.P. Singh
PARTNER

Executive Engineer
Rural Works Department,
Work Division, Masaurhi

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये
रु.1000

ONE THOUSAND RUPEES

Rs.1000

INDIA

BIHAR

0 APR 2022

This Supplementary Agreement made the day between Executive Engineer, R.W.D.

Work Division, Masaurhi (hereinafter called "The employer (First Part) and M/S Dhaneshwar Nath Construction,

Add- Lalit Niketan Colony Sanjay Gandhi Nagar, Hanuman Nagar, Patna.

8000020, Mob-9835056856, Email-rajivranjansingh72@rediffmail.com Herein after the contractor of the

contractor of the other part) Where the employer is desirous that the contractor execute Supplementary/Revise

BOQ for Road From Repair of Road. Anjani to Larha via Kardhia (Length-3.00 K.M.) 2. Baribigha Datmai Path

to Gularihiya Bigha (Length-2.60 K.M.) 3. Dhanarua to Nadpur (Length-2.01 K.M.) 4. Morhapur to Milki (Length

2.78 K.M.) 5. Musnapar-Masaurhi Path to Nauabagh (Length 2.10 K.M.) 6. Construction of road from Karwan

village Road to village Sewarnicichak Mahadality Tola (Length 2.85) (Package-MR-N/19-20 Masaudih/06)

Dhanarua Block Under शीर्ष 3054 मरमति (बिहार ग्रामीण पथ अनुरक्षण नीति 2018) (Tender ID-96047), (herein after called

the work and the employer has accepted the bid by the contractor for rupees 5,53,99,274=00, (Rs Five Crore

Fifty Three Lakh Ninety Nine Thousand, Two Hundred & Seventy Four Rupees only) rupees with is

substituted with 5,84,19,127 (Five Core Eighty Four Lac Nineteen Thousand One Hundred & Twenty Seven

Only) as per the revised BOQ sanctioned S.E. RWD Circle Patna vide Letter no. 451we dated 13.04.2022

NOW THIS SUPPLEMENTARY AGREEMENT WITNESSETH AS FOLLOW:-

1. In this supplementary Agreement, work and expression shall have the same Meaning as are respectively assigned to them in the conditions of contract hereinafter referred to and they shall be deemed to from and be read and construed as part of this Supplementary Agreement
2. In consideration of the payment to be made by the Employer to the Contractor as hereinafter mentioned, the contractor hereby covenants with the Employer to all aspects with the provisions of the contract.
3. The Employer hereby covenants to pay the contractor in consideration of the Executive and completion of the works and the remedying the defects wherein contract price or such other sum as may become payable under the provision of the contract as the time and in the manner prescribed by the Contract.

M/S DHANESHWAR NATH CONSTRUCTION
PARTNER

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पटना।**

पत्रांक- 451 (अनु)
प्रेषक,

/पटना, दिनांक- 13/04/2022

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना।

सेवामें,

कार्यपालक अभियंता,
ग्रा0का0वि0, कार्य प्रमंडल, मसौढ़ी।

विषय:- शीर्ष 3054 (मरम्मत) बिहार ग्रामीण पथ अनुरक्षण नीति-2018 अन्तर्गत स्वीकृत कुल 12 (बारह) अदद पथ के निर्माण/मरम्मत कार्य के पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक-166 अनु0, दिनांक-09.03.2022
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कुल 12 (बारह) अदद पथों का पुनरीक्षित परिमाण विपत्र अनुमोदन कर वापस की जाती है। सभी पृष्ठ अनुमोदित हैं। पुनरीक्षित एकरारनामा का दर मूल एकरारनामा के दर के समान होगा। अपने स्तर से भी अनुमोदित पुनरीक्षित परिमाण विपत्र की जांच कर ली जाय। त्रुटि दृष्टिगोचर होने पर इसका समाधान के पश्चात् ही पुरक एकरारनामा किया जाय।

क्रमांक	योजना का नाम	पुनरीक्षित परिमाण विपत्र की राशि (रूपया में)	प्रशासनिक अनुमोदन की राशि (निर्माण, अनुरक्षण, एवं आकस्मिक कार्य) (लाख में)	पुनरीक्षित तकनीकी स्वीकृति की राशि (निर्माण एवं, अनुरक्षण, कार्य) (लाख में)
1.	Nadua Oiyara to Mohamadpur	Rs. 1,38,85,860.00	132.483	139.202
2.	Const. of P.C.C. Road and Gali at Rohilapar Village under Bhagwanganj	Rs. 20,17,581.00	22.6741	20.4415
3.	Kharat Powawan Road to Gram Begumchak Mahadalit Tola	Rs. 47,22,925.00	48.58783	47.59986
4.	Masaurhi Pali Path Ke Bajrangwali to Biduli Adarsh Madhhy Vidyalaya	Rs. 40,49,793.00	41.18524	40.80621
5.	Dhanauti Basaur to Chakiya Mahadalit Tola	Rs. 36,26,518.00	40.60191	36.5576
6.	Kharat Powana Road to Jagdishpur	Rs. 58,89,264.00	58.09569	59.360
7.	Masaurhi Pitwas to Lahasuna	Rs. 24,73,817.00	24.23421	24.9556
8.	Powawan to Supahalli	Rs. 37,88,896.00	37.80787	37.890
9.	Morharpur to Milki	Rs. 1,13,77,074.00	120.336	113.768
10.	Anjani to Lachan via Khadiha	Rs. 1,27,21,519.00	143.2979	127.212

M/S. MANESHWAR NATH CONSTRUCTION
PARTNER

SUPPLEMENTARY/ REVISE BOQ OF ROAD FROM ANJANI TO LARHA VIA KHADIHA

DISTRICT - PATNA

BLOCK: Dhanarua

Length:- km

Sl. No.	Item of Work	Unit	As Per Sanctioned Estimate		
			Qty	Rate	Amount
1	2	3	4	5	6
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	Ha	0.60	49524.68	29714.81
2	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	Cum	1800.00	161.45	290610.00
3	GSB-II-Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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	Cum	184.92	1835.79	339474.29
4	WBM-II-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	Cum	218.29	3424.02	747429.33
5	WBM-III -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.	Cum	630.90	3185.56	2009769.80
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	Sqm	8420.41	41.23	347173.56
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 hydrilic broom as per technical specification clause 503.	Sqm	8420.41	13.98	117717.33
8	Mix seal surfacing :- 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.	Sqm	8420.41	184.71	1555333.93
9	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.20 to 0.25 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrilic broom as per technical specification clause 503.	Sqm	11250.00	11.73	131962.50

MIS QMANESHWAR NATH

PARTNER

APPROVED & CORRECTED

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	per cm height per letter	176.00	0.50	88.00
Planting of trees by the road side (Avenue trees) in 0.60m 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	Sqm	150.00	798.62	119793.00
Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	Sqm	600.00	735.75	441450.00
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	Nos	3.00	11882.34	35647.02
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	Cum	5.76	6618.87	38124.69
Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	40.32	178.97	7216.07
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	Sqm	40.32	95.63	3855.80
				8857127.34
5 years Maintenance				
1st Year Maintenance cost	Year	1.00	236860.00	236860.00
2nd Year Maintenance cost	Year	1.00	345167.00	345167.00
3rd Year Maintenance cost	Year	1.00	529510.00	529510.00
4th Year Maintenance cost	Year	1.00	421368.00	421368.00
5th Year Maintenance cost	Year	1.00	867949.00	867949.00
Total Cost of 5 years Maintenance				2400854.00
TOTAL COST				11257981.34
LABOUR CESS @1%				112579.81
GST @12%				1350957.76
TOTAL COST OF PROJECT				12721518.91

Executive Engineer
Rwd Masaurhi

12721518.91 = 127 21519.00

Revised / Bill of Quantity Approved as corrected for Item No

(1) to (31) for Rs 12721519.00 (Rupees One Crore. Twenty Seven Lakh. Twenty one thousand five hundred and Ninety

including Five Years Maintenance

M/S CHANESHWAR NATH CONSTRUCTION

PARTNER

SUPPLEMENTARY BOQ

SUPPLEMENTARY / REVISED BOQ OF ROAD FROM DHANARUA TO NADUPUR

STRICT - PATNA

BLOCK: DHANARUA

	Item of Work	Unit	Qty	Rate	Amount	Remarks
1	2	3	4	5	6	7
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	Ha	0.40 ✓	49524.68 ✓	19809.87 ✓	
2	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.	Cum	1206.00 ✓	161.45 ✓	194708.70 ✓	
3	GSB-II:-Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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.	Cum	102.13 ✓	1808.25 ✓	184677.00 ✓	
4	WBM-II:-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.	Cum	98.86 ✓	3364.79 ✓	332643.00 ✓	
5	WBM-III:-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.	Cum	319.44 ✓	3133.48 ✓	1000959.00 ✓	
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.	Sqm	4259.20 ✓	41.23 ✓	175607.00 ✓	


MIS. MAHESHWAR NATH CONSTRUCTION
PARTNER


APPROVED AS CORRECTED

Sl. No.	Item of Work	Unit	Qty	Rate	Amount	Remarks
1	2	3	4	5	6	7
25	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	Cum	5.76	6618.87	38124.69	
26	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	40.32	178.97	7216.07	
27	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	Sqm	40.32	95.63	3855.80	
	Total (A):-			0.00	5206734.58	
	5 years Maintenance			0.00	0.00	
28	1st Year Maintenance cost	Year	1.00	167757.00	167757.00	
29	2nd Year Maintenance cost	Year	1.00	233707.00	233707.00	
30	3rd Year Maintenance cost	Year	1.00	561471.00	561471.00	
31	4th Year Maintenance cost	Year	1.00	288886.00	288886.00	
32	5th Year Maintenance cost	Year	1.00	599839.00	599839.00	
	Total Cost of 5 years Maintenance(B)				1851660.00	
	TOTAL COST OF PROJECT (A+B)				7058394.58	
14	LABOUR CESS@1%				70583.95	
34	GST@12%				847007.35	
	TOTAL AMOUNT				7975985.87	
	SAY				7975986.00	

M/S Dhaneswar Path Construction
PARTNER

forward
3/3/22
A.E.
D. Hanarua

Executive Engineer
Rural Work Department
Works Division, Masaurhi

h/w
09/02/22

h/w
09/02/22

h/w

APPROVED AS CORRECTED / 4

SUPPLEMENTARY/ REVISE BOQ OF ROAD FROM MORHARPUR TO MILKI

DISTRICT - PATNA

BLOCK: Dhanarua

Length:- 2.78 km

Sl. No.	Item of Work	Unit	As Per Sanctioned Estimate		
			Qty	Rate	Amount
1	2	3	4	5	6
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	Ha	0.56	49524.68	27733.82
2	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.	Cum	1668.00	161.45	269298.60
3	GSB-II:-Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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.	Cum	68.23	1863.34	127135.69
4	WBM-II:-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.	Cum	82.30	3483.25	286671.48
5	WBM-III:-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.	Cum	529.06	3237.66	1712916.40
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.	Sqm	7054.13	41.24	290912.32
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.	Sqm	8554.13	13.99	119672.28

free

12/10/22

M. Ram

APPROVED & CORRECTED

13/11/22

18	600 MM X 450 MM RECTANGULAR	Nos	8.00 ✓	4523.02 ✓	36184.16 ✓
19	BoundaRY PILLAR:—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	No	24.00 ✓	504.76 ✓	12114.24 ✓
20	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	per cm height per letter	176.00 ✓	0.50 ✓	88.00 ✓
21	Planting of trees by the road side (Avenue trees) in 0.60m 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	Sqm Nos	119.00 ✓	798.62 ✓	95035.78 ✓
22	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes.	Sqm	556.00 ✓	735.75 ✓	409077.00 ✓
23	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	Nos	3.00 ✓	11890.45 ✓	35671.35 ✓
24	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	Cum	5.76 ✓	6622.58 ✓	38146.06 ✓
25	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	Sqm	40.32 ✓	180.12 ✓	7262.44 ✓
26	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	Sqm	40.32 ✓	95.63 ✓	3855.80 ✓
					7601741.47 ✓

APPROVED AS CORRECTED

	5 years Maintenance				
27	1st Year Maintenance cost	Year	1.00	220234.00	220234.00 ✓
28	2nd Year Maintenance cost	Year	1.00	307289.00	307289.00 ✓
29	3rd Year Maintenance cost	Year	1.00	758523.74	758523.74 ✓
30	4th Year Maintenance cost	Year	1.00	382356.49	382356.49 ✓
31	5th Year Maintenance cost	Year	1.00	798062.24	798062.24 ✓
	Total Cost of 5 years Maintenance				2466465.47
	TOTAL COST				10068206.94
32	LABOUR CESS @1%				100682.07
33	GST @12%				1208184.83
	TOTAL COST OF PROJECT				11377073.84

Amal
31/3/22
A.E

Executive Engineer
Rwd Masaurhi

11377074.00

Revised Bill of Quantity Approved as corrected for Item No.

(1) to (32) for Rs. 11377074.00 Rupees One Crore

Thirteen Lakh Seventy Seven Thousand and Seventy Four

Including Five Years Maintenance.

Amal
31/3/22
Estimator

R.W.D.

Works Circle, Patna

Amal
31/3/22
प्राक्कलन पदाधिकारी

ग्रामीण कार्य विभाग
कार्य अंचल पटना

Amal
31/3/22
तकनीकी सलाहकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

Amal
31/3/22
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

SUPPLEMENTARY BOQ

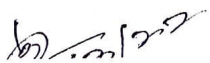
SUPPLEMENTARY / REVISED BOQ OF ROAD FROM KARWAN VILLAGE ROAD TO VILLAGE SERWANICHAK MAHADALIT TOLA

DISTRICT - PATNA

BLOCK: DHANARUA

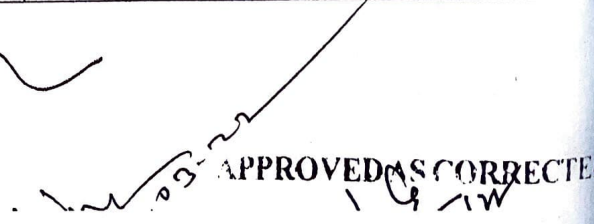
Sl. No.	Item of Work	Unit	Qty	Rate	Amount	Remarks
1	2	3	4.00	5.00	6.00	7.00
①	Clearing and Grubbing Road Land (By manual means) including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300mm, removals of stumps of such trees cut earlier & disposal of unserviceable 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	Ha	1.71 ✓	49524.68 ✓	84687.20 ✓	
②	Scarifying the existing bituminous road surface to a dept of 150 mm and disposal of scarified material with a lift upto 3 m and lead upto 1000 m as per Technical specification clause 301.4	Sqm	993.75 ✓	15.40 ✓	15303.75 ✓	
③	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.	Cum	2059.50 ✓	161.45 ✓	332506.28 ✓	
④	GSB-II:-Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement 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.	Cum	121.73 ✓	1734.80 ✓	211177.20 ✓	
⑤	WBM-II:-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.	Cum	90.46 ✓	3206.83 ✓	290089.84 ✓	
⑥	WBM-III:-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.	Cum	382.05 ✓	2994.55 ✓	1144067.83 ✓	
⑦	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.	Sqm	5094.00 ✓	41.17 ✓	209719.98 ✓	









 APPROVED AS CORRECTED
10/11/22

Sl No.	Item of Work	Unit	Qty	Rate	Amount	Remarks
	2	3	4.00	5.00	6.00	7.00
1	Total (A):-				6655061.92	
	5 years Maintenance	Year	1.00	168311.00	168311.00	
28	1st Year Maintenance cost	Year	1.00	307173.00	307173.00	
29	2nd Year Maintenance cost	Year	1.00	766494.00	766494.00	
30	3rd Year Maintenance cost	Year	1.00	313905.00	313905.00	
31	4th Year Maintenance cost	Year	1.00	736140.00	736140.00	
32	5th Year Maintenance cost				2292023.00	
	Total Cost of 5 years Maintenance				8947084.92	
	TOTAL COST				89470.85	
33	LABOUR CESS @1%				1073650.19	
34	GST @12%				10110205.95	
	TOTAL COST OF PROJECT					

= 10110206.00

[Signature]
08/03/22

[Signature]
09/03/22

Executive Engineer
Rural Work Department
Works Division, Masaurhi

Revised / Bill of Quantity Approved as corrected for Item No. ① to ②⑨ for Rs 10110206.00 (Rupees One Crore One Lakh Ten Thousand Two hundred and six.....only) Including Five Years Maintenance.

[Signature]
12/3/22
Estimator
R.W.D.
Works Circle, Patna

[Signature]
12/3/22
प्राक्कलन पदाधिकारी
ग्रामीण कार्य विभाग
कार्य अंचल पटना

[Signature]
13/4/22
सहायक सलाहकार
ग्रामीण कार्य विभाग
कार्य अंचल, पटना

[Signature]
13/4/22
Superintending Engineer
R.W.D. WORKS CIRCLE, PATNA

**अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, पटना।**

पत्रांक- 451 (3136)
प्रेषक,

/पटना, दिनांक- 13/04/2022

अधीक्षण अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल, पटना।

सेवामें,

कार्यपालक अभियंता,
ग्रा0का0वि0, कार्य प्रमंडल, मसौढ़ी।

विषय:- शीर्ष 3054 (मरम्मत) बिहार ग्रामीण पथ अनुरक्षण नीति-2018 अन्तर्गत स्वीकृत कुल 12 (बारह) अदद पथ के निर्माण/मरम्मत कार्य के पुनरीक्षित परिमाण विपत्र अनुमोदन के संबंध में।

प्रसंग:- आपका पत्रांक-166 अनु0, दिनांक-09.03.2022
महाशय,

उपर्युक्त विषयक प्रासंगिक पत्र द्वारा प्राप्त कुल 12 (बारह) अदद पथों का पुनरीक्षित परिमाण विपत्र अनुमोदन कर वापस की जाती है। सभी पृष्ठ अनुमोदित हैं। पुनरीक्षित एकरारनामा का दर मूल एकरारनामा के दर के समान होगा। अपने स्तर से भी अनुमोदित पुनरीक्षित परिमाण विपत्र की जांच कर ली जाय। त्रुटि दृष्टिगोचर होने पर इसका समाधान के पश्चात् ही पुरक एकरारनामा किया जाय।

क्रमांक	योजना का नाम	पुनरीक्षित परिमाण विपत्र की राशि (रूपया में)	प्रशासनिक अनुमोदन की राशि (निर्माण, अनुरक्षण, एवं आकस्मिक कार्य) (लाख में)	पुनरीक्षित तकनीकी स्वीकृति की राशि (निर्माण एवं, अनुरक्षण, कार्य) (लाख में)
1.	Nadua Oiyara to Mohamadpur	Rs. 1,38,85,860.00	132.483	139.202
2.	Const. of P.C.C. Road and Gali at Rohilapar Village under Bhagwanganj	Rs. 20,17,581.00	22.6741	20.4415
3.	Kharat Powawan Road to Gram Begumchak Mahadalit Tola	Rs. 47,22,925.00	48.58783	47.59986
4.	Masaurhi Pali Path Ke Bajrangwali to Biduli Adarsh Madhhy Vidyalaya	Rs. 40,49,793.00	41.18524	40.80621
5.	Dhanauti Basaur to Chakiya Mahadalit Tola	Rs. 36,26,518.00	40.60191	36.5576
6.	Kharat Powana Road to Jagdishpur	Rs. 58,89,264.00	58.09569	59.360
7.	Masaurhi Pitwas to Lahasuna	Rs. 24,73,817.00	24.23421	24.9556
8.	Powawan to Supahalli	Rs. 37,88,896.00	37.80787	37.890
9.	Morharpur to Milki	Rs. 1,13,77,074.00	120.336	113.768
10.	Anjani to Larha via Khadiha	Rs. 1,27,21,519.00	143.2979	127.212

11.	Karwan Village Road to Village Serwanichak Mahadalit Tola	Rs. 1,01,10,206.00	91.541	100.951
12.	Dhanarua to Nadupur	Rs. 79,75,986.00	84.8589	79.761

अनु०-यथोक्त ।

विश्वसिभाजन

[Signature]
13/5/22

अधीक्षण अभियंता

ग्रामीण कार्य विभाग, कार्य अंचल, पटना