

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

बिहार BIHAR

30 OCT 2021

प्राविष्ट

Supplementary Agreement For The Main Agreement No.- 02 MBD/2020-21

MR 3054)

This Supplementary Agreement, made the 6.2 M.B.D. day of Year-2021-22 Between Executive Engineer, Rural Works Department, Works Division, Barsoi, Katihar of the one part, and Yma Construction, Prop- Rizwana Perween At- Ss. 058,0221, Ashiana Colony, Madhopara, PS- Sahayak Khazanchi, Distt- Purnea (Bihar) Pin- 854301

The Nominee of the Original Contractor as mentioned above to execute the remaining work of Construction & Maintenance of Road MR-N/ 19-20 BARSOI/01, (i) Const. & Maint of Road L048 to Farsara under MR-3054. (ii) Const. & Maint of Road T03 to Chillya Sidhua under MR-3054. (Block- Balrampur) (Tender Id- 79012).

This Supplementary Agreement has been executed of the desire of the Nominee of the Original Contractor viz Md. Abdul Kalani Address :- Ss. 058,0221, Ashiana Colony, Madhopara, PS- Sahayak Khazanchi, Distt- Purnea (Bihar) Pin- 854301 and with the Consent provided by Engg - in Chief, Rural Works Department, Bihar, Patna Vide Letter No. - 14/अप्र०-03-89/2021- 7521 पटना/ दिनांक-06.12.2021

All the terms and Conditions of the Original Agreement will be binding upon the Present Contractor.

YMA CONSTRUCTION
Proprietor

Executive Engineer
Rural Works Department
Works Division, Barsoi

20/11/22

NOW THIS AGREEMENT WITNESSETH as follow

In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to , and they shall be deemed to form and be read and construed as part of this Agreement.

In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the works and remedy and defects therein in conformity in all aspects with the provisions of the Contract and undertaking routine maintenance for five years.

The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the works and the remedying the defects wherein and undertaking routine maintenance for five year, the contract Price or such other sum as may become payable under the provisions of the contract at the times and in the manner prescribed by the contract.

The following documents shall be deemed to form and be read and construed as part of this Agreements, viz:

- i) Letter of Acceptance;
- ii) Notice to Proceed with the works;
- iii) Contractor's Bid;
- iv) Contract Data;
- v) Special Conditions of contract;
- vi) General Conditions of Contract;
- vii) Specifications;
- viii) Drawings;
- ix) Bill of Quantities; and
- x) Any other documents listed in the contract Data as forming part of the contract.

Deduction :- I.T., GST, Royalty & all other deduction will be deducted from each bill as applicable.

In witness where of the parties there to have caused this Agreement to be executed the day and year first before written. *W. S. 11/22*
Executive Engineer

The Common Seal of Rural Works Department

Was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said

In the presence of:

Binding Signature of Employer.. Rural Works Department.
Works Division; Barsoi..

Binding Signature of Contractor.....12/07/17.....4/27/17.....

रिजवाना परवीन
YMA CONSTRUCTION
Proprietor

Executive Engineer
Rural Works Department
Works Division, Barsoi

Name of Contractor and Address	:-	Yma Construction, Prop- Rizwana Perween At- Ss. 058,0221, Ashiana Colony, Madhopara, PS- Sahayak Khazanchi, Distt- Purnea (Bihar) Pin- 854301	
Registration No./ Department	:-	1210112 / Class-1	13-Apr-2021 to 12-Apr-2026
PAN	:-	CEIPP5850F	
GST	:-	10 CEIPP5850F1ZN	

Bank Name :- Canara Bank, Purnea, Bihar

क्र०	शीट f	योजना का नाम	खाता संख्या F.D. No.	अवधि Date	प्रतिभूति की राशि	अभ्युक्ति
1	3054 MR	MR—N/ 19-20 BARSOI/01, (i) L048 to Farsara.	140037629090/1	03.01.22-03.01.25	1,62,000.00	
		(ii) T03 To Chillya Sidhua.	140037629520/1	03.01.22-03.01.25	1,77,168.00	

रिजवाना परवीन

[Signature]

[Signature]
Executive Engineer
Rural Works Department
Works Division, Barsoi
20/1/22

MR-3054

BILL OF QUANTITIES (BOQ)

MR-3054					
BILL OF QUANTITIES (BOQ)					
Name of Road :	T03 To Chillya Sldhua				
Block :	Balrampur	District :	Katihar		
Length :	2.31 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
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	0.46	49,496.70	22768.48
2	Scarifying the existing bituminous road surface to a depth 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.	Cum	356.25	15.4	5486.25
3	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	2,403.90	176.75	424889.33
4	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.	Cum	64.79	2,489.90	161320.62
5	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 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	55.51	4,538.13	251911.60
6	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.	Cum	83.39	4,200.78	350303.04

Executive Engineer,
R.W.D.W. Division Barsoi, Katihar

7	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.	Sqm	1,122.95	42.28	47478.33
8	Mix seal (Waste Plastic):-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	1,357.58	205.58	279091.30
9	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.	Sqm	10,127.53	14.32	145026.23
10	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.	Cum	219.01	10,353.17	2267447.76
Kilometre stone					
11	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	ii) Km stone	No.	4	2,398.24	9592.96
ii	iii) 200 m stone	No.	9	641.64	5774.76
12	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.	Sqm	5.76	12,427.68	71583.44

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Executive Eng
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13	Providing and fixing of road stud 100 x 100 mm die cast in aluminium, resistant to corrosive effect of salt and grit, fitted with lense reflectors, installed in concrete or asphaltic surface by drilling holes 30 mm upto a depth of 600 mm and bedded in a suitable bituminous grout or epoxy mortar, all as per BS:873 (Part 4) 1973.	Each	108	218.63	23612.04
14	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				
	600 mm equilateral & triangle	Nos	102	3,711.51	378574.02
	600 mm circular	Nos	26	3,810.86	99082.36
	600 mm x 450 mm rectangular	Nos	8	3,681.74	29453.92
	900 mm side octagon	Nos	9	7,674.54	69070.86
15	Providing and laying Rumble Strip with road studs and Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface				
		Sqm	9	735.4	6618.60
i	Thermoplastic paint	Nos	132	218.63	28859.16
ii	Road strips				
16	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	Nos	92	507.86	46723.12
17	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	m height per	220	0.5	110.00
18	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	Each	95	800.3	76028.50
19	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.				
		Sqm	462.6	735.4	340196.04
20	At Edge for BT Portion	SQm	54	735.4	39711.60
21	Pedestrian Crossing(2 m in length and providing at 50 cm apart)				

22	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	No.	2	9,498.39	18996.78
Hume Pipe 1X1000 mm dia					
23	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	5.9	5,430.39	32039.30
24	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	41.28	186.98	7718.53
25	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	119.52	95.63	11429.70
2 X 1000mm Hume Pipe CULVERT			0	0	0.00
26	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	3.65	5,430.39	19820.92
27	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	25.28	186.98	4726.85
28	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	71.36	95.63	6824.16
1x 1m RCC SLAB CULVERT					
29	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	3.41	5,430.39	18517.63
30	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	23.68	186.98	4427.69
31	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	67.36	95.63	6441.64

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32	12 % GST			Total	5311657.5
33	1% LABOUR CESS				637398.9
34	Total Construction Cost				53116.6
35	1st Year Maintenance cost	Year	1	(A)	6002173.0
36	2nd Year Maintenance cost	Year	1	205130.00	205130.0
37	3rd Year Maintenance cost	Year	1	271061.00	271061.0
38	4th Year Maintenance cost	Year	1	686566.00	686566.0
39	5th Year Maintenance cost	Year	1	338622.00	338622.0
				732614.00	732614.0
40	12 % GST			Total	2233993.0
41	1% LABOUR CESS				268079.2
42	Total Maintenance Cost				22339.9
	Grand Total Cost (A+B)			(B)	2524412.1
					8526585.1

B.O.D. approved for Rs. 85,26,585 (Rs. zero
Croro. Eighty Five Lac. Twenty Six
Thousand Five Hundred Eighty Five only)


 SUPERINTENDING ENGINEER
 R.W.D. WORKS CIRCLE, PURNEA


 Executive Engineer,
 R.W.D.W. Division Barsoi, Katihar