

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

ONE THOUSAND RUPEES

Rs.1000

Rs.1000

बिहार BIHAR

64
--3-23

मिथिलेश कुमार सागर भागवतपुर
अवतार नगर वाट्स एड 821112
सुरेश नाथ मिश्र
मृदांक विभक्तता फार्म
नं. 154/19
AT 332728

SUPPLEMENTARY AGREEMENT FORM

Chapra -1

Agg. No. :-

Rate :- 3.00 % Below

This agreement made the 25th April, 2023 between BIHAR RURAL ROAD DEVELOPMENT AUTHORITY (Govt. of Bihar) Authorised address at 5th floor, Vishweshwaraiya Bhawan, Jawaharal Nehru Marg, Patna- 800013, Executive Engineer, R.W.D., Works Division, Chapra - 1 (herein after called "the Employer") of the one part and

Mithilesh Kumar, Vill. - Bhagwanpur, P.S. - Awatar Nagar, Distt. - Chapra, (Bihar) (herein after called "the Contractor" of the one part.)

Whereas the Employer is desirous that the Contractor execute Const. & Maint. Of Road Tahirpur to Yadav Tola Kurmi Tola Itwa Loha Pul road under MMGSY (S.C.) (Length - 2.730 K.M.) Block - Garkh, Dist.- Saran (hereinafter called "the Works") and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the remedying of any defects therein, at a

New Agreement Amount Rs. 20688916.00

Original Agreement Amount Rs. 19554745.00

Supplementary Agreement Rs. 1134171.00 (Eleven Lakh Thirty Four Thousand One hundred Seventy one Only)

NOW THIS AGREEMENT WITNESSETH as follows :

1. In this Agreement, Works and expression 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.
2. 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 any defects therein in conformity in all aspects with the provisions of the contract.

PPK
25/04/23
Executive Engineer
R.W.D., (W) Division,
Chapra-1

3. The Employer hereby covenants to pay the Contractor in consideration the Execution 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 at the times and in the manner prescribed by the Contract.

4. The following documents shall be deemed to form and be ready and construed as part of this Agreement viz.

- (i) Letter of Acceptance
- (ii) Notice to proceed with the works;
- (iii) Contractor's Bid
- (iv) Condition of Contract : General and Special
- (v) Contract Data
- (vi) Additional condition
- (vii) Drawings
- (viii) Bill of Quantities and
- (ix) Any other documents listed in the Contract Data as forming part of 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 Employer

Was here into affix in Presence of (i)

(ii)

Signed Sealed and Delivered by the said to

Mithilesh Kumar, Vill. - Bhagwanpur, P.S. – Awatar Nagar, Distt. - Chapra, (Bihar)

In the presence of (i)

(ii)

Binding Signature of Employer

Binding Signature of contractors


Executive Engineer
R. W. D., (W) Division,
Chapra-1
25/04/23
25/4/23

Tender Inviting Authority: Engg-in Chief RWD Patna

Name of Work: Restoration of Road From Tahirpur To Yadav Tola Kurmi Tola Itwa Pul (Damage By Flood).

Contract No: Civil Works/

Sl. No.	Description of work	SCHEDULE OF WORKS				AMOUNT Rs. P
		No. or Qty.	Unit	Estimated Rate		
				Figure	Words	
1.00	Providing & Fixing of Working benchmark Pillars 21nos. per km & 4 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	2.73	KM.	7856.72	Rupees Seven Thousand Eight Hundred FiftySix Paise SeventyTwo Only	21448.85
2.00	Cleaning 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	1.64	Ha	51133.76	Rupees FiftyOne Thousand One Hundred ThirtyThree Paise SeventySix Only	83757.10
3.00	Excavation for roadwork in soil usin manual means for carrting of cut earth to embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 302.3	48.26	Cum	81.14	Rupees EightyOne Paise Fourteen Only	3915.41
4.00	Construction of embankment with approved materials deposited at site and obtained from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5	28.95	Cum	126.24	Rupees One Hundred TwentySix Paise TwentyFour Only	3654.65
5.00	Construction of Embankment with material obtained from borrow pits with a lift upto 1.5 m, transporting to the site spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 1000 m & 100 m as per Technical Specification Clause 301.5 .	1636.30	Cum	184.30	Rupees One Hundred EightyFour Paise Thirty Only	301570.09
6.00	Flexible portion-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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	4043.17	Cum	210.88	Rupees Two Hundred Ten Paise EightyEight Only	852623.69
7.00	Rigid portion-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 & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	42.59	Cum	210.88	Rupees Two Hundred Ten Paise EightyEight Only	8981.38

Approved & Corrected

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Chapra-I
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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
8.00	Construction of granular sub-base by providing coarse 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 vibratory roller achieve the desired density, complete as per Technical specification clause 401.	2032.93	Cum	3346.83	Rupees Three Thousand Three Hundred FortySix Paise EightyThree Only	6803871.11
9.00	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.	775.49	Cum	4073.00	Rupees Four Thousand SeventyThree Only	3158570.77
10.00	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.	9790.69	Sqm	45.10	Rupees FourtyFive Paise Ten Only	441560.12
11.00	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.	9790.69	Sqm	15.52	Rupees Fifteen Paise FiftyTwo Only	151951.51
12.00	Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 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.	9790.69	Sqm	244.53	Rupees Two Hundred FourtyFour Paise FiftyThree Only	2394117.43

Approved and Corrected

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Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
13.00	Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene 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, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical	87.87	Cum	7583.82	Rupees Seven Thousand Five Hundred EightyThree Paise NinetyTwo Only	666399.05
14.00	Providing and laying of a reinforced cement concrete pipe duct, 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	3.00	No.	836.58	Rupees Eight Hundred ThirtySix Paise FiftyEight Only	2509.74
15.00	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	20.00	No.	506.00	Rupees Five Hundred Six Only	10120.00
16.00	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	each	2206.22	Rupees Two Thousand Two Hundred Six Paise TwentyTwo Only	8824.88
17.00	iii) 200 m stone	11.00	each	621.73	Rupees Six Hundred TwentyOne Paise SeventyThree Only	6839.03

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W. D. Division,
Chapra-1

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Sl. No.	Description of work	No. or Qty	Unit	Estimated Rate		AMOUNT Rs. P
				Figure	Words	
25.00	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	5.76	Cum	5833.88	Rupees Five Thousand Eight Hundred ThirtyThree Paise EightyEight Only	33603.15
26.00	Providing PCC M-20 architectural coping on the top of wing wall, return wall etc. complete as per drawing and technical specification Clauses 615, 710 and 1204.3.11	24.00	RM	408.15	Rupees Four Hundred Eight Paise Fifteen Only	9795.60
27.00	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	33.12	Sqm	157.89	Rupees One Hundred FiftySeven Paise EightyNine Only	5229.32
28.00	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	119.19	Cum	258.43	Rupees Two Hundred FiftyEight Paise FourtyThree Only	30802.79
29.00	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	11.85	Cum	5251.05	Rupees Five Thousand Two Hundred FiftyOne Paise Five Only	62214.44
30.00	Brick Masonary work in cm 1:4 in head wall complete as per drawing and technical specification clause 1109 in cement mortar 1:4	122.43	Sqm	5877.36	Rupees Five Thousand Eight Hundred SeventySeven Paise ThirtySix Only	719553.43
31.00	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106	30.00	No.	4233.00	Rupees Four Thousand Two Hundred ThirtyThree Only	126990.00
32.00	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	267.40	Sqm	157.89	Rupees One Hundred FiftySeven Paise EightyNine Only	42220.42
33.00	Providing 1.5 mm cement punning including curing carriage of water with all leads and lifts as per building specification and direction of E/I	56.88	Sqm	46.36	Rupees FourtySix Paise ThirtySix Only	2636.96
34.00	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	464.94	Sqm	108.32	Rupees One Hundred Eight Paise ThirtyTwo Only	50362.30
35.00	1% Labour					167238.20
36.00	12% GST					2006858.35
37.00	Seignorage (As Calculated on construction)					166444.98
38.00	Maintainance for 1st year	1.00	Year	77531.00	Rupees SeventySeven Thousand Five Hundred ThirtyOne Only	77531.00
39.00	Maintainance for 2nd year	1.00	Year	299272.00	Rupees Two Lakh NinetyNine Thousand Two Hundred SeventyTwo Only	299272.00
40.00	Maintainance for 3rd year	1.00	Year	484760.00	Rupees Four Lakh EightyFour Thousand Seven Hundred Sixty Only	484760.00
41.00	Maintainance for 4th year	1.00	Year	540471.00	Rupees Five Lakh Fourty Thousand Four Hundred SeventyOne Only	540471.00

Approved & corrected

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W. D., (W) Division
Chapra-1
25/2/23

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Sl. No.	Description of work	No. Qty.	Unit	Estimated Rate		AMOUNT Rs. P
42.00	Maintainance for 5th year	1.00	Year	Figure	Words	
				596307.00	Rupees Five Lakh NinetySix Thousand Three Hundred Seven Only	596307.00
	1% Labour					
	12% GST					19,983.41
	Seignorage (As Calculated on maintainance)					2,39,800.92
	Total Estimated Cost in Figures					6,292.59
	Quoted Rate in Words					
					2,13,28,779.00	2,13,28,779.00
				Rupees Two Crore Thirteen Lakh TwentyEight Thousand Seven Hundred SeventyNine Only		

25.2.23
A.E

[Signature]
Executive Engineer
R. W. D. Division,
Chapra-1

Revised BOQ approved (from sl.no. 1 to 42) for Rs 2,13,28,779/-
(Rupees Two crore thirteen lakh twenty eight thousand
Seven hundred and seventy nine only).

[Signature]
03/03/23
सकल पदाधिकारी
ग्रामीण कार्य विभाग
बाबं बचल उपवा

[Signature]
03/03/23
TECHNICAL ADVISER
RURAL WORKS DEPT.
WORKS CIRCLE, CHAPRA

[Signature]
3.3.23
Superintending Engineer
Rural (Works) Dept.
Works Circle, Chapra

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Executive Engineer
R. W. D. Division,
Chapra-1
25/4/23