

Supplementary Agreement

1. Name of the work : Construction of RCC HL Bridge From Damodarpur Fardo Pul Serukahel Path To Shahpur Munna and Construction of RCC HL Bridge from Bishunpur To Fatehpur Path Shubhankarpur over Fatehpur Fardo Nadi in Marwan Block Under Nabard 4515.
2. Adm. Amount (in Lakh) : 548.950 Lakh
3. No. of Bridge. : 01 (One)
4. Length of the Bridge. : 54.16 Mtr. (Span 3.0 x 16.50 Mtr.)
5. Name of the Agency & Address : Amit Kumar.
S/o- Anjani Kumar Sinha.
At- Near Gobarsahi Chowk, P.o- Bhagwanpur.
P.s- Sadar, Dist- Muzaffarpur - 842001.
6. Agreement No. : 26 SBD/2023 - 24
7. Approval of BOQ : S.E., R.W.D. Work Circle, Muzaffarpur Vide Letter No. 878 Dt. 15.05.2025
8. Original Agreement Value of the work :-Rs. 4,24,68,209.00 this amount EMD Received for Org. Agreement. of Rs. 93,00,000.00 (Rupees Ninety Three Lakh) Only.
9. Supplimentary Agreement value of the work:-
(a) BOQ Approval Amount : Rs. 77,67,686.00 (22.11 % Below)
Agreement Amount : Rs. 61,27,927.00
(Rupees Sixty One Lakh Twenty Seven Thousand Nine Hundred Twenty Seven) only.
10. EMD 2.0% + APG 15.47% : of the Agreement value. (Rs. 13,27,220.00)
Performance security (including earnest money) deposited by the Agency in the form of FD amounting to Rs. 13,25,000.00 The details of FD is as follow:-
(i) FD No. 78960300007361 Rs. 12,02,000.00 (BOB, Muzaffarpur)
(ii) FD No. 78960300007362 Rs. 1,23,000.00 (BOB, Muzaffarpur)
Rs. 13,25,000.00
(Rupees Thirteen Lakh Twenty Five Thousand only)
11. Date of work Order : 15.05.2025
12. Date of completion : 14.08.2025 (Three Month)
13. Security Deposit : 8.00% to be deducted from the gross amount of each running Bill.
14. Defect liability period : Five years + 45 Days from the actual date of completion of the work.
15. Refund of performance security and security deposit. : After five years from the actual date of completion of the work.
16. Total item of Agreement : 114 (One Hundred Fourteen) item in road.

Note:-S.B.D Rules, terms and conditions will be applicable.

Agce

17-05-2025

17/5/25
Executive Engineer
Rural Work Department
Muzaffarpur West
17/5/25



क्रमांक १५३ १३-५-२०२५ आमेव कुमार AZ 051128

पिता/पति का नाम अजनी कुमार सिन्हा पता ५/कां२ फासा/वी ३/१ (साहिबाबा/एड) जि.मु.प.प.
मास्ते २२/५/२५ ह० जम नमजूर खमान मालिक
१३-५-२०२५ १३-५-२०२५

AGREEMENT FORM

This Agreement made on the between Executive Engineer R.W.D. Works Division, Muzaffarpur West (name and address of Employer) hereinafter called "the employer" and Amit Kumar, S/o- Anjani Kumar Sinha, At- Near Gobarsahi Chowk, P.O- Bhagwanpur, P.s- Sadar, Dist- Muzaffarpur - 842001 (name and address of contractor) hereinafter called "the contractor" on the other part.

Whereas the Employer is desirous that the contractor execute Construction of RCC HL Bridge From Damodarpur Fardo Pul Serukahri Path To Shahpur Munna and Construction of RCC HL Bridge from Bishunpur To Fatehpur Path Shubhankarpur over Fatehpur Fardo Nadi in Marwan Block Under Nabard 4515.

(name and identification number of contract) (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 cost of Rs. 61,27,927.00 (Rupees Sixty One Lakh Twenty Seven Thousand Nine Hundred Twenty Seven) 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 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, 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.

[Signature]

[Signature]
17/5/2025

[Signature]
Executive Engineer
Rural Work's Department
North's Division, Muzaffarpur West
17/5/25

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 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.

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 document listed in the contract Data as forming part of the contract.

In witnessed where of the parties there to have caused this Agreement to be executed the day and year first before written.

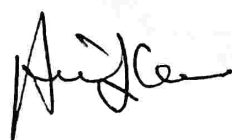
The common seal of _____
was hereunto affixed in the presence of:

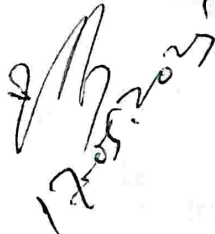
Signed, sealed and Delivered by the said _____

in the presence of:

Binding Signature of the Employer _____

Binding Signature of the Employer _____




17/5/2025


Executive Engineer
Rural Work's Department
Work's Division, Muzaffarpur Wes

17/5/25

अधीक्षण अभियंता का कार्यालय,
ग्रामीण कार्य विभाग, कार्य अंचल, मुजफ्फरपुर

पत्रांक :- ४७४३१०० मुज०/

दिनांक :- १५/०५/२०२५

प्रेषक :- अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मुजफ्फरपुर।

सेवा में,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग, कार्य प्रमंडल,
मुजफ्फरपुर पश्चिम।

विषय :- शीर्ष Nabard-4515 के अन्तर्गत 01 अदद H.L. Bridge के पुनरीक्षित परिमाण विपत्र
अनुमोदनोपरांत लौटाने के संबंध में।

प्रसंग :- आपका पत्रांक- 795 अनु० दिनांक- 13/05/25 अभियंता, समुच्चय शा. को. वि. बिहार परगना
महाशय, को पत्रांक 17003-मुज० दिनांक- 7/5/2025

उपरोक्त विषयक प्रासंगिक पत्र से शीर्ष Nabard-4515 के अन्तर्गत 01 अदद H.L. Bridge के
पुनरीक्षित परिमाण विपत्र अनुमोदनोपरांत लौटायी जाती है -

SL No.	Block	Name of Road	Length (in mtr)	Total Cost of B.O.Q
I	Marwan	Construction of RCC HL Bridge From Damodarpur Fardo Pul Serukahri Path To Shahpur Munna and Construction of RCC HL Bridge from Bishunpur To Fatehpur Path Shubhankarpur over Fatehpur Fardo Nadi	54.160	628.95770

अनु०-यथोक्त।

परिमाण विपत्र एक-एक प्रति में।

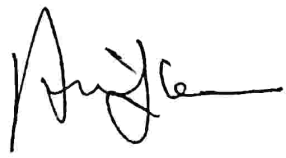
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17-5-2025

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Executive Engineer
Rural Work's Department
Work's Division, Muzaffarpur West

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अधीक्षण अभियंता,
ग्रामीण कार्य विभाग,
कार्य अंचल, मुजफ्फरपुर

RURAL WORKS DEPARTMENT					
(Rural Works Department, Govt. of Bihar)					
BILL OF QUANTITY					
NAME :	Construction of RCC HL Bridge from Damodarpur farodpul terukall path to shahpur munna and construction of HL RCC Bridge from bishundpur to fatehpur path shubhankapur over fatehpur fardo nadi				
BLOCK	Marwan				
DISTRICT	Muzaffarpur				
Sl. No.	Item Description	Unit	Quantity	Rate	Amount (In Rs.)
1	FOUNDATION				
2	Excavation for Structures				
3	Earthwork in excavation for structures as per drawing and technical specifications Clause 305.1 including setting out, construction of shoring and bracing, removal of stumps and other deleterious material and disposal upto a lead of 50 m, dressing of sides and bottom and backfilling in trenches with excavated suitable material.				
4	I. Ordinary Soil				
5	i) Upto 3m depth	Cum	550.87	427.09	2,35,271.47
6	ii) 3m to 6m depth	Cum	55.38	507.17	28,088.53
7	Providing and laying of PCC M15 levelling course 100mm thick below the pile cap				
8	II PCC Grade M-15 (Levelling Course for Pile Cap)	Cum	25.08	7,757.81	1,94,565.93
9	R.C.C. grade M 30 in Pile Foundation complete as per Dwg & Tech Specification.				
10	Pile Cap in RCC M-30	Cum	319.46	10,521.07	33,61,060.30
11	Bored cast-in-situ M35 grade R.C.C. Pile excluding Reinforcement complete as per Drawing and Technical Specifications and removal of excavated earth with all lifts and lead upto 1000 m.				
12	IL 1200 mm Dia	m	504.00	27,575.30	1,38,97,952.89
13	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	66.24	80,180.70	53,10,768.34
14	Providing and Constructing Temporary Earth Island (Assuming depth of water 1.0 m and height of island to be 1.25 m including Royalty for earth @ Rs. 5526.00 for each Island.)	NOS MT	2.00	51,763.43	1,03,526.87
15	Providing and constructing one span service road to reach island location from one pier location to another pier location including Royalty for earth @ Rs. 225.00 per m for service	M	54.12	4,499.97	2,43,538.60
16	Carrying out load test on any pile as per standard procedure laid down in the IS:2911 specification including construction of test cap, dismantling the cap after test and cleaning the site and maintaining complete records of load				
17	a) Initial Load Test on test pile for 2.5 times the design load specified in Drawings				
18	1.2 m Dia Pile	Nos.	1.00	1,50,000.00	1,50,000.00
19	b) Routine pile load test on pile for 1.5 times the design load specified in Drawings				
20	1.2 m Dia Pile (2% of piles in total).	Nos.	1.00	1,25,000.00	1,25,000.00
21	c) Horizontal pile load test on pile for 1.5 times the design load specified in Drawings				
22	1.2 m Dia Pile (2% of piles in total).	Nos.	1.00	1,00,000.00	1,00,000.00
23	SUBSTRUCTURE				
24	R.C.C. grade M-30 in Substructure complete as per Dwg & Tech Specification				
25	RCC M-30				
26	I) Upto 5m height (Using Concrete Mixer)	Cum	204.87	11,003.96	22,54,403.51
27	II) From 5m upto 10m height (Using Concrete Mixer)	Cum	23.16	11,143.19	2,58,034.07
28	R.C.C. grade M-35 in Substructure complete as per Dwg & Tech Specification				
29	RCC M-35				


 8/6/2025
 17.05.2025
 Executive Engineer
 Rural Work's Department
 Work's Division, Muzaffarpur West

Sl. No.	Item Description	Unit	Quantity	Rate	Amount (In Rs.)
30	(i) From 5m upto 10m height (Using Concrete Mixer)	Cum	13.72	11,210.21	1,54,740.96
31	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	MT	24.11	80,404.22	19,30,545.04
32	Supplying, fitting and fixing in position true to line and level POT-PTFE bearing consisting of a metal piston supported by a disc or unreinforced elastomer confined within a metal cylinder, sealing rings, dust seals, PTFE surface sliding against stainless steel mating surface, complete assembly to be of cast steel/fabricated structural steel, metal and elastomer elements to be as per IRC: 83 part-I & II respectively and other parts conforming to IS: 5400, section 9.1 & 9.2 and clause 2006 of MoRTH Specifications complete as per drawing and approved technical specifications.	Nos	18.00	46,101.20	8,29,821.68
33	Supplying, fitting and fixing in position true to line and level elastomeric bearing conforming to IRC: 83 (Part-II) section IX and clause 2005 of MoRTH specifications complete including all accessories as per drawing and Technical Specifications.	cc	1,68,750.00	0.82	1,38,122.63
34	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	Nos	156.00	148.23	23,124.32
35	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8	Cum	179.99	994.13	1,78,935.75
36	1) Sandy Material				
37	Providing and laying filter media with granular crushed aggregates (Jhama Metal) as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	98.67	3,757.49	3,70,752.64
38	SUPERSTRUCTURE				
39	Providing and laying reinforced cement concrete in superstructure complete as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5	Cum	188.37	12,507.45	23,56,028.93
40	II. RCC M-30				
41	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in superstructure complete as per drawings and technical specification Clauses 1002, 1010 & 1202	MT	31.12	82,038.62	25,53,041.90
42	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	Cum	34.00	18,166.42	6,33,644.68
43	Construction of R.C.C. railing of M 25 grade in cast-in-situ with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical railing post not to exceed 1 in 500, centre to-centre spacing between vertical posts not to exceed 2000 mm as per drawing and technical specifications Clauses 800, 900 and 1208.3	m	124.00	3,615.98	4,48,381.34
44	Drainage Spouts complete as per drawing and technical specifications Clause 1209	No	24.00	1,314.67	31,552.08
45	P.C.C. M-15 ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications Clauses 800 & 1211.	cum	7.16	7,489.20	53,585.23
46	Reinforced Cement Concrete M-30 grade approach slab including reinforcement and formwork complete as per drawing and technical specifications Clauses 800 and 1211	cum	16.97	14,404.53	2,44,444.05

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17/05/2015

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17/5/15
Executive Engineer
Rural Work's Department
Work's Division, Muzaffarpur West
17/5/15

Sl. No.	Item Description	Unit	Quantity	Rate	Amount (In Rs.)
47	Strip Seal Expansion Joint (Providing and laying of a strip seal expansion joint catering to maximum horizontal movement upto 70 mm, complete as per approved drawings and standard specifications to be installed by the manufacturer/supplier or their authorised representative ensuring compliance to the manufacturer's instructions for installation.)	m	33.80	11,688.59	3,95,074.29
48	Providing & fixing 20 mm thick compressible fibre board in expansion joint complete as per drawing & Technical Specification.	m	33.80	280.18	9,740.63
49	Providing and fixing in position 20 mm thick premoulded joint filler in expansion joint for fixed ends of simply supported spans not exceeding 10 m to cater for a horizontal movement upto 20 mm, covered with sealant complete as per drawing and technical specifications.	m	33.80	405.05	13,690.86
50	PROTECTION WORK				
51	Providing and laying <u>boulder pitching on slopes</u> laid over prepared filter media as per drawing and technical specifications Clause 1302	cum	250.67	3,885.81	9,74,068.27
52	Providing and laying <u>filter material underneath pitching</u> in slopes complete as per drawing and technical specifications Clause 1302	cum	95.72	3,750.03	3,58,955.43
53	E. APPROACH ROAD				
54	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	0.11	75,573.34	8,577.27
55	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 as per Technical Specification Clause 301.5.	Cum	4,100.00	219.33	8,99,241.40
56	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	424.74	222.86	94,657.47
57	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	159.04	3,299.06	5,24,694.05
58	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 3 as per Technical Specification Clause 405.	Cum	58.09	4,762.46	2,76,661.99
59	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 0.90- 1.2 kg/sqm using mechanical means as per Technical Specification Clause 502.	Sqm	774.56	57.67	44,669.82
60	Providing and applying tack coat with bitumen emulsion (RS) using emulsion distributor @ 0.2 to 0.25 kg per sq m on the prepared bituminous surface cleaned with hydraulic broom as per technical specification clause 503.	Sqm	774.56	19.77	15,311.51

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Handwritten date: 17-05-2017

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Executive Engineer
 Rural Work's Department
 Work's Division, Muzaffarpur West
Handwritten date: 17/5/17

Sl. No.	Item Description	Unit	Quantity	Rate	Amount (In Rs.)
61	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 Type B	Sqm	774.56	287.54	2,22,716.90
62	Providing and fixing 'Logo' of Project Informayory sign board with logo as per MORD specifications and drawing. Three MS plates of 1.6mm thick, top and middle plate duly welded with MS flat iron 25mm x 5 m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm 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 600 mm, 600 mm, 600 below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12SWG 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 Appendix 1701.1	NO	3.00	10,568.97	31,706.92
63	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	27.00	785.00	21,195.00
64	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	182.00	686.00	1,24,852.00
65	BOX Culvert				
66	Foundation				
67	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	581.71	427.09	2,48,440.13
68	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 RCC M-15 Grade	Cum	40.46	7,757.81	3,13,906.17
69	Sub Structure				
70	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-30 Grade	Cum	312.11	9,707.09	30,29,685.89
71	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing	Nos	168.00	148.23	24,903.12
72	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	MT	28.30	80,404.22	22,75,439.53
73	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	151.17	994.13	1,50,285.02
74	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.11	Cum	108.70	3,757.49	4,08,446.30

[Signature]

[Signature]
17.8.2025

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17/8/25
Executive Engineer
Rural Work's Department
Work's Division, Muzaffarpur West

Sl. No.	Item Description	Unit	Quantity	Rate	Amount (Rs. No.)
75	SUPERSTRUCTURE				
76	Providing and laying reinforced cement concrete as superstructure as per drawing and technical specifications Clause 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	101.05	12,889.45	13,13,202.97
77	Supplying, fixing, and placing 175 CM bar reinforcement as superstructure complete as per drawing and technical specifications Clause 1002, 1010 and 1262	MTR	9.84	83,818.62	824,555.24
78	Construction of D.C.C. casting of M 25 grade in case in site with 20 mm nominal size aggregate, true to line and grade, tolerance of vertical falling post not to exceed 1 in 100, centre to centre spacing between vertical posts not to exceed 2000 mm as per drawing and technical specifications Clauses 800, 800 and 1205.3	MTR Cum	49.00	1,615.98	1,77,182.95
79	Painting (Black & White Strips) 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	166.43	133.09	22,149.63
80	Drainage spouts complete as per drawing and technical specifications Clause 1209	No.	12.00	1,314.67	15,776.04
81	Providing and laying cement concrete wearing course M-30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	4/3 Sqm	13.70	18,166.42	2,50,355.96
82	Approach slab: Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	19.29	14,404.53	2,77,011.50
83	PCC (M15) (Below Approach Slab): PCC M15 Ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications clauses 800 and 1211	Cum	8.19	7,409.20	61,336.55
84	Protection work				
85	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	422.93	427.09	1,80,627.72
86	Providing and laying boulder apron for bed protection with stone boulders of minimum size and weight as per Table 1300.1, no fragment weighing less than 25 kg laid dry complete as per drawing and technical specifications Clause 1301	Cum	70.80	5,218.43	3,69,164.99
87	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade Curtain wall	Cum	112.08	8,627.79	9,67,014.18
88	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	18.29	7,757.81	1,41,871.96
89	Cost-Approach(Box)				
90	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 se	Cum	0.10	75,573.34	7,443.67
91	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 as per Technical	Cum	1,011.00	219.33	2,21,739.77
92	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	Cum	157.31	222.86	35,058.63

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Executive Engineer
Rural Work's Department
Work's Division, Muzaffarpur West
17/5/25

Sl. No.	Item Description	Unit	Quantity	Rate	Amount (In Rs.)
93	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	Cum	518.91	3,299.06	1,94,331.13
94	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 cam	Cum	21.52	4,762.46	1,02,467.40
95	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	286.88	57.67	16,544.43
96	Providing and applying tack coat with bitumen emulsion (RS) using emulsion distributor @ 0.2 to 0.25 kg per sq m on the prepared bituminous surface cleaned with hydraulic broom as per technical specification clause 503.	Sqm	286.88	19.77	5,670.95
97	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 wearin	Sqm	286.88	287.54	82,488.04
98	Providing and Fixing 'Logo' of Project informayory sign board with Logo as per MORD specifications and drawing. Three MS plates of 1.6mm thick, top and middle plate duly welded with MS flat iron 25mm x 5 m size on back on edges. The lower plate will b	NOS Cum	3.00	10,568.97	31,706.92
99	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 a	Sqm	10.00	785.00	7,850.00
100	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 Cum	69.00	686.00	47,334.00
101	Total Construction Cost "A" =				5,19,97,897.70
102	18% GST & 1% LABOUR CESS	Rs	1.00	98,79,584.72	98,79,584.72
103	SEIGNOIRAGE FEE 10% =	Rs	1.00	1,22,693.09	1,22,693.09
104	TOTAL COST OF CONST. (A)=				6,20,00,175.51
105	Total Cost for 1st Year Maintenance Work	Rs	1.00	43,197.00	43,197.00
106	Total Cost for 2nd Year Maintenance Works	Rs	1.00	45,814.00	45,814.00
107	Total Cost for 3rd Year Maintenance Works	Rs	1.00	48,848.00	48,848.00
108	Total Cost for 4th Year Maintenance Works	Rs	1.00	51,606.00	51,606.00
109	Total Cost for 5th Year Maintenance Works	Rs	1.00	54,362.00	54,362.00
110	Total Maintenance Cost "B" =				2,43,827.00
111	18% GST & 1% LABOUR CESS	Rs	1.00	46,327.13	46,327.13
112	SEIGNOIRAGE FEE 10% =	Rs	1.00	868.15	868.15
113	TOTAL COST OF MAINT. (B)=				2,91,022.28
114	Total Cost Of Project =				6,22,91,198.00

13/05/22
Executive Engineer

R.W.D. Works Division

Revised D.O.A amount for Rs 6,22,91,000.00
(Six Crore twenty-two lacs ninety-one thousand rupees) only

17/05/2022
Executive Engineer

Rural Work's Department
Work's Division, Muzaffarpur, West

17/05/22
अधीक्षक अभियंता
ग्रामीण कार्य विभाग
कार्य अंचल मजदूर

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