

कार्यपालक अभियन्ता का कार्यालय

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1

E-mail ID- eerwdbagahal@gmail.com

पत्रांक- 634 (अनु०) / बगहा-1, दिनांक- 10-04-2023 /

प्रेषक,

कार्यपालक अभियन्ता,
ग्रामीण कार्य विभाग
कार्य प्रमंडल, बगहा-1

नोडल पदाधिकारी,
MMGSY कोषांग,
ग्रामीण कार्य विभाग,
बिहार, पटना।

सेवा में,

विषय:-

MMGSY (Gen) योजना अन्तर्गत PART-A ROAD FROM CHAUTARWA RATWAL PATH PER CHAINPUR TO GAYGHTEE PART-B PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PER CHAINPUR TO GAYGHTEE पथ एवम् पुल में SMIS की प्रविष्टि में सूधार के संबंध में।

महाशय,

उपर्युक्त विषय के संबंध में साग्रह सूचित करना है कि ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1 के MMGSY (Gen) योजना अन्तर्गत PART-A ROAD FROM CHAUTARWA RATWAL PATH PER CHAINPUR TO GAYGHTEE PART-B PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PER CHAINPUR TO GAYGHTEE पथ एवम् पुल में एकरारनामा कि प्रविष्टि में पथ में निर्माण कार्य की राशि 1,97,05,697.00 एवम् अनुरक्षण मद कि राशि 16,23,968.00 के स्थान पर निर्माण कार्य की राशि-19770941 एवम् अनुरक्षण कार्य की राशि-16,29,345.00 अंकित हो गया है।

ठिक उसी प्रकार पुल के एकरारनामा कि प्रविष्टि में पुल में निर्माण कार्य की राशि 4,88,05,566.00 एवम् अनुरक्षण मद कि राशि 4,35,901.00 के स्थान पर निर्माण कार्य की राशि-4,89,67,158.00 एवम् अनुरक्षण कार्य की राशि-4,37,344.00 अंकित हो गया है।

अतः अनुरोध है कि पथ के एकरारनामा में निर्माण कार्य की राशि 1,97,05,697.00 एवम् अनुरक्षण मद कि राशि 16,23,968.00 एवम् पुल में निर्माण कार्य की राशि 4,88,05,566.00 एवम् अनुरक्षण मद कि राशि 4,35,901.00 की प्रविष्टि कराने की महती कृपा की जाए। ताकि SMIS पर सही प्रविष्टि हो सके।

सादर सूचनार्थ एवम् अग्रत्तर कार्रवाई हेतु समर्पित।

अनु०:- Agreement की प्रति संलग्न।

विश्वासभाजन,



कार्यपालक अभियन्ता

ग्रामीण कार्य विभाग, कार्य प्रमंडल, बगहा-1

807
11.4.23
11.4.23
विषय:-
महाशय,
NODAL MIS
12/4/23

Name of Agency :-

M/S MAA BINDHYAWASHINI CONSTRUCTION,
(REGISTRATION NO-1190014) VILL+PO-THAKRAHA,
DIST- WEST CHAMPARAN, MOBILE- 9631252353,
EMAIL ID- BIRENDRA121@YAHOO.COM

Name of Work :-

PART-A ROAD FROM CHAUTARWA RATWAL PATH
PER CHAINPUR TO GAYGHTEE PART-B PROPOSED
HIGH LEVEL RCC BRIDGE ON ROAD FROM
CHAUTARWA RATWAL PATH PER CHAINPUR TO
GAYGHTEE

Agreement no.-

17 SBI/2022-23

Letter issued byC.E-03, BIHAR, PATNA.....

Letter No.1290 ANU..... Date28.07.2022.....

Agreement value :- 7,05,71,131.00

Const ! — 6,85,11,263 = 00

Main ! — 20,59,868 = 00

Date of work order :- 15.9.2022

Time of Completion

14.3.2024

Performance Security

R.D. ₹ 1589000/-

Additional Performance Guarantee :-

Security Deduct from bill :- 8%

No of Items :- 126 Item

Rate :- 0.33% (Zero points three three percent
Below on S/R)

M/s Maa Bindhyavashini Const

अजय कुमार मिश्रा

Partner

Executive Engineer
R.W.D. (W) Division

Bagaha-1

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

रु.1000

ONE THOUSAND RUPEES

Rs.1000

सत्यमेव जयते

INDIA

BIHAR

Aggr. No. 17 SBD / 2022-23

AP 300798

हरेंद्र प्रसाद
सां नं०-8/82-83
मुंदाक विक्रेता बगहा

STANDERD FROM; AGREEMENT No:-

This agreement made the 15.11.2022 day of Sept. 2022 between **EXECUTIVE ENGINEER, RURAL WORKS DEPARTMENT, WORK DIVISION, BAGAHA-1 (WEST CHAMPARAN)** (name and address of Employer) (here in after called the employer) of the one part and

M/S MAA BINDHYAWASHNI CONSTRUCTION, (REGISTRATION NO-1190014) VILL+PO-THAKRAHA, DIST- WEST CHAMPARAN, MOBILE- 9631252353, EMAIL ID- BIRENDRA121@YAHOO.COM (name and address of Contractor) (here in after called the Contractor of the other part)

Whereas the Employer is desirous that the Contractor execute **PART-A ROAD FROM CHAUTARWA RATWAL PATH PER CHAINPUR TO GAYGHTEE PART-B PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PER CHAINPUR TO GAYGHTEE** (Name and identification number if Contract) (here in after Called "the Works" and there after undertake routine maintenance for five Years; and the Employer has accepted the Bid by the Contractor for the execution and completion of such works and the remedying if any defects and routine maintenance there in at a cost of rupees **7,05,71,131.00 (RS SEVEN CRORE FIVE LAC SEVENTY ONE THOUSAND ONE HUNDRED THIRTY ONE ONLY)**

M/s Maa Bindyavashini Const

अजय कुमार तिवारी

Partner

Executive Engineer
R.W.D. (W) Div.

15/9/22

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 here in after 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 here in after mentioned, the contractor here by covenants with the Employer to execute and complete the work and remedy any defects therein in conformity in all aspects with provisions of the contract and undertaking routine maintenance for five Years.
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 and undertaking routine maintenance for five Years, the Contract Price of such other sum as may become payable under the provisions of the contract at the time 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) Contract Date
 - (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.

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

Binding Signature of Contractor

Signature of Employer

Bme
15/9/22
Executive Engineer
R.W.D. (W) Division
Agdama-1
DISPABLE

Tender Inviting Authority: Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR
CHAINPUR TO DAYHTER A PROPOSED HIGH LEVEL
RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL
PATH PAR CHAINPUR TO DAYHTER UNDER BAGHA 1
BLOCK IN THE DISTRICT OF W. CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W. Champaran

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P.
ROAD CONSTRUCTION					
1	Construction of Reference & Working Benchmark as per specification and drawing 200.1 & 200.2	1.75	Per Km.	7,572.82	13252.44
2	Construction of Reference Pillars/Burjees as per specification and drawing 200.1 & 200.2	1.75	Per Km.	4,352.36	7615.63
3	Clearing and grubbing road land including uprooting wild vegetation, grass, bushes, shrubs, saplings and trees of girth upto 300 mm, removal of stumps of such trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, upto a lead of 1000 m including removal and disposal of top organic soil not exceeding 150 mm in thickness as per Technical Specification Clause 201.	0.53	Hectare	59,306.02	31432.19
4	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to 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	1493.67	Cum.	249.14	372132.94
5	Construction of subgrade & earthen shoulders with approved material obtained from borrow pits with all lifts and lead, transporting to site, spreading, grading to required slope and compacted to meet requirement of Tables 300.2 with lead upto 1000m as per Technical Specification Clause 301.4.1	4826.41	Cum.	251.82	1215386.57
6	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5m, transporting to site, spreading, grading to required slope and compacting to meet requirement of Tables 300.1 and 300.2 with a lead upto 100m as per Technical Specification Clause 301.5.	3485.22	Cum.	186.23	649052.52
7	Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	0.00	Cum.	96.18	0.00
8	Laying brick soling layer on prepared sub-grade with brick on , graded and cross-section shown on the drawing filling joints with sand and earth, over brick soling, watering and rolling the same with three Wheeled Road roller 80-100kN as per TS clause 412.	75.00	Sqm.	527.65	39573.75
9	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 three wheel 80-100 kN static roller capacity to achieve the desired density, complete as per Technical Specification Clause 401 (For Grading Material)	1303.65	Cum.	4,823.37	6287986.30

Mr. Binay Kumar Singh

समय प्रताप तिवारी

Partner

15/9

Executive Engineer
R.W.D. (W) Division
BAGHA 1

15/9/22

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1 BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
10	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.	480.10	Cum.	5,387.36	2586471.54
11	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 0.70-1.0kg/sqm using mechanical means as per Technical Specification	5863.05	Sqm.	57.30	335952.77
12	Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	5863.05	Sqm.	19.17	112394.67
13	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	5863.05	Sqm.	242.79	1423489.91
14	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 M 25 (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, 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, 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 Specification Clause 1501	90.90	Cum	9,704.82	882168.14

M/s. Man Singh & Associates Const.

अमरप्रताप तिवारी

Partner

15/9

Executive Engineer
R.W.D. (W) Division

BAGHA-1

under Inviting

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1 BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
15	(i) 5th Kilometre Stone (precast)- Reinforced cement concrete M15 grade kilometre stone/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	0	Each	5,193.17	0.00
16	(ii) Ordinary Kilometer Stone (Precast)- Reinforced cement concrete M15 grade kilometre stone/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	2	Each	3,222.36	6444.72
17	(iii) 200 m stone (precast)- Reinforced cement concrete M15 grade kilometre stone/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	7	Each	825.99	5781.93
18	Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	35	Each	645.77	22601.95
19	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 (For culverts)	89.28	Sqm.	109.70	9794.02
20	Providing and applying 2 coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ of 1 litre for 2 sqm. (at rigid pavement below road marking)	30.00	Sqm.	94.37	2831.10
21	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.	340	Sqm.	771.72	262078.11
22	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	176	/cm ht/letter	0.59	103.84

Ms Maa Bindyavashini Const

अजयप्रताप निवासी

Partner

15/9

Executive Engineer
R.W.D. (W) Division

Bhagana

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR
CHAINPUR TO GAYHTEE & PROPOSED HIGH LEVEL
RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL
PATH PAR CHAINPUR TO GAYHTEE UNDER BAGHA 1
BLOCK IN THE DISTRICT OF W. CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W. Champaran

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
23	Providing and fixing of typical MMSY 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	2	Each	14,636.31	29272.62
24	Providing and fixing of typical Maintenance Board 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	2	Each	14,636.31	29272.62
25	600 mm equilateral triangle- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	12	No.	4,268.54	51222.48
26	600 mm Circular- Providing and fixing of retro-reflectorised cautionary, mandatory and Informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	4	No.	5,533.13	22132.52
27	600 mm x 450 mm rectangular- Providing and fixing of retro-reflectorised cautionary, mandatory and informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	2	No.	4,753.61	9507.22
28	900 mm side octagon- Providing and fixing of retro-reflectorised cautionary, mandatory and Informatory sign as per IRC:67 made of encapsulated lens type reflective sheeting as per drawings and Technical Specification Clause 801	2	No.	15,252.94	30505.88
29	Providing and laying 300 mm Dia RCC Hume pipe NP-3 for irrigation purpose	45.00	RM	947.49	42637.05

M/s Maa Bindyavathi Const

अजय प्रताप तिवारी
Partner

15/9

Executive Engineer
R.W.D. (W) Division

BAGHA-1

15/9/22

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1
Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR
CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL
RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL
PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1
BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
30	Planting of Trees and their Maintenance for one Year 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	78.00	Each	1,003.71	84529.38
31	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	249.56	cum	312.28	77932.80
32	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (I) of Chapter 11	15.55	cum	540.30	8401.67
33	Brick Flat Soling in foundation:-- Brick Flat Soling in foundation Trenches as per drawing and technical specification Clause 1108	25.08	sqm	310.57	7789.10
34	Providing PCC Grade M15 for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	24.03	cum	8,232.98	197838.51
35	Brick Masonary work in cement mortar (1:4) in head wall complete as per drawing and technical specification clause 1109 in cement mortar 1:4	21.28	cum	6,629.08	141066.82
36	Providing and laying 1000 mm Dia RCC pipe NP-3 for culverts on first class bedding of PCC M10 (1:3:6) in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry	7.50	m	7,626.51	57198.83
37	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	29.89	sqm	244.69	7313.78
38	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	10.96	sqm	66.46	728.40
39	Providing Reinforced cement RCC GRADE M-25 concrete in box cell complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204.	122.55	cum	10,044.30	1230928.97
40	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (Gravular Materials)	44.40	cum	4,218.54	187303.18
41	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	70.00	Each	115.48	8083.60
42	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.	56.64	cum	5,258.93	297865.80

Ms. Maa Bindyavachini Const

अजय प्रसाद निवारी

Partner

Executive Engineer
R.W.D. (W) Division

BAGHA 1

Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYHTEE & PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYHTEE UNDER BAGHA 1 BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

OCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
43	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	8.19	MT	67,622.91	553831.63
44	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	0.00	m	3,191.87	0.00
45	Cost of Construction (Rs.) :-				17341906.70
46	Add GST @ 12%	1.00	Rs.	2,081,028.80	2081028.80
47	Add Cess @ 1%	1.00	Rs.	173,419.07	173419.07
47	Add Seigniorage Fee	1.00	Rs.	174,586.11	174586.11
48	Total Construction Cost (A) =				1,97,70,940.68
49	Maintenance for 1st year	1	Year	83129.00	83129.00
50	Maintenance for 2nd year	1	Year	179979.00	179979.00
51	Maintenance for 3rd year	1	Year	522802.00	522802.00
52	Maintenance for 4th year	1	Year	301803.00	301803.00
52	Maintenance for 5th year	1	Year	348725.00	348725.00
53	Cost of Maintenance (Rs.) :-				1436438.00
53	Add GST @ 12%	1.00	Rs.	172,372.56	172372.56
54	Add Cess @ 1%	1.00	Rs.	14,364.38	14364.38
55	Add Seigniorage Fee	1.00	Rs.	6,169.70	6169.70
55	Total Maintenance Cost (B) =				16,29,344.64
	Total cost of Road Part (A+B) =				2,14,00,285.32
	BRIDGE CONSTRUCTION				
56	Pile Load Test on single Vertical Pile in accordance with IS:2911(Part-IV) Including dynamic load test for its integrity, length & capacity a) Initial and routine load test	2864.00	MT	0.00	0.00
57	Pile Load Test on single Vertical Pile in accordance with IS:2911(Part-IV) Including dynamic load test for its integrity, length & capacity b) Lateral load test	70.80	MT	0.00	0.00
58	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. Upto 3.000 M Depth	446.48	Cum	161.02	71892.21
59	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material. 3.000 M to 6.000 M Depth	0.00	Cum	216.43	0.00
60	Providing service road etc. all complete job as per specifications and direction of E/I.	49.50	RM	4,236.15	209689.43
61	Providing Steel Liner 6 mm thick for Piles including Fabricating and Setting out as per Detailed Drawing.	8.10	MT	96,872.42	784666.60

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Partner

15/9

Executive Engineer
R.W.D. (W) Division

15/9/22

Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1
Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR
CHAINPUR TO GAYHTEE & PROPOSED HIGH LEVEL
RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL
PATH PAR CHAINPUR TO GAYHTEE UNDER BAGHA 1
BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

LOCK :- BAGHA 1

Sl. No.	Description of work	DISTRICT :- W.Champaran			
		No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
62	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.	609.80	RM	27,508.90	16769425.44
63	Dismantling of existing structures like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts and lead of 1000 metres(Extra Pile Length). Stripping off RCC M35 in the pile up to cut off level and disposal of debris with all leads and lifts.	27.15	Cum	1,566.45	42529.12
64	Sand Filling in Foundation Trenches as per Drawing & Technical Specification	18.92	Cum	534.36	10110.09
65	Providing and laying of PCC M15 levelling course 100mm thick below the pile cap.	18.92	Cum	8,287.66	156802.53
66	Cement Concrete for Reinforced Concrete M - 35 In Pile Cap complete as per Drawing and Technical Specification	320.38	Cum	9,989.62	3200474.46
67	Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications.	73.13	MT	70,909.20	5185589.80
68	Providing RCC M-30 Mechanically mixed concrete in abutment shaft & pier shaft with stone aggregate 20 mm nominal size and clean coarse sand of FM-2 All complete job as per design Upto 5 m Hieght	158.17	Cum	10,183.13	1610665.67
69	Providing RCC M-30 Mechanically mixed concrete in abutment shaft & pier shaft with stone aggregate 20 mm nominal size and clean coarse sand of FM-2 All complete job as per design Beyond 5 m and upto 10m Hieght	6.08	Cum	10,327.04	62788.40
70	Supply Fitting & Fixing Elasto-Meric Bearing & seismic Pad :- 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.	273067.20	CuCm	1.00	273067.20
71	Providing Weep Holes in Abutment Cap with 100mm dia AC Pipe:- Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications.	76.00	No	124.65	9473.40
72	Supplying, fitting and placing HYSD Bar reinforcement in substructure complete as per Drawing and Technical Specification.	24.29	Mt	71,146.48	1728148.00
73	Back filling behind abutment, wing wall and return wall, complete as per Drawing and Technical Specification.(Sandy Material)	172.36	Cum	908.84	156647.66

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Partner

15/4

Executive Engineer
R.W.D. (W) Division
BAGHA 1

Order Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR
CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL
RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL
PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1
BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
74	Providing and laying of filter media with granular materials/stone crushed aggregate satisfying the requirement laid down in Cl. 2504.22 of MORTH Specification of not less than 600mm behind abutment, wing and return wall to the full height compacted.	74.97	Cum	4,959.14	371786.73
75	Providing RCC M 30 Grade & Super structure :- Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification Beyond 5 m and upto 10m Hieght (Solid Slab)	0.00	Cum	10,829.99	0.00
76	Providing RCC M 30 Grade & Super structure :- Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification Above 10m Hieght (Solid Slab)	0.00	Cum	11,060.12	0.00
77	Providing RCC M 30 Grade & Super structure :- Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification Beyond 5 m and upto 10m Hieght (T Beam Slab)	183.60	Cum	11,060.12	2030638.03
78	Providing RCC M 30 Grade & Super structure :- Furnishing and Placing Reinforced/ Prestressed cement concrete in super-structure as per drawing and Technical Specification Above 10m Hieght (T Beam Slab)	0.00	Cum	11,290.25	0.00
79	Providing HYSD Bar in all types of RCC work:- Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications.	31.12	MT	71,383.58	2221457.01
80	Wearing Coat :- Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and	32.99	Cum	15,087.07	497722.44
81	Providing RCC M30 Grade In Railing:- Construction of precast RCC railing of M30 Grade, aggregate size not exceeding 12 mm, true to line and grade, tolerance of vertical RCC post not to exceed 1 in 500, centre to centre spacing between vertical post not to exceed 2000 mm, leaving adequate space between vertical post for expansion, complete as per approved drawings and technical specifications.	118.88	M	2,255.23	268101.74
82	Providing Drainage spout:- Drainage Spouts complete as per drawing and Technical specification	18.00	No.	5,104.24	91876.32
83	Providing PCC M15 grade Below Approach Slab:- PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification	7.93	Cum	8,288.00	65723.84
84	Providing PCC / RCC M30 in Approach Slab:- Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	15.80	Cum	13,378.37	212180.95

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Partner

15/9

Executive Engineer
R.W.D. (W) Division
Bogaha-1

15/9/22

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1 BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate	AMOUNT Rs. P
				Figure	
85	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.	33.80	m	11,742.77	396905.63
86	Providing and erecting a "W" metal beam crash barrier comprising of 3 mm thick corrugated sheet metal beam rail, 70 cm above road/ground level, fixed on ISMC series channel vertical post, 150 x 75 x 5 mm spaced 2 m centre to centre, 1.8 m high, 1.1 m below ground/road level, all steel parts and fittings to be galvanised by hot dip process, all fittings to conform to IS:1367 and IS:1364, metal beam rail to be fixed on the vertical post with a spacer of channel section 150 x 75 x 5 mm, 330 mm long complete as per clause 810	0.00	Rm	3,140.22	0.00
87	Providing and applying two coats of water based cement paint to unplastered concrete surface after cleaning the surface of dirt, dust, oil, grease, efflorescence and applying paint @ 1L per sq.m.	516.40	Sqm	101.54	52435.26
88	Numbering & writing Bridge details with 2 coats of enamel paint of approved shade & make including cost of all materials, labour, tools etc. as per SOR Item 8.3	1500.00	Letter X-10	0.63	945.00
89	Providing and Painting of flood gauge on substructure to full height and 500mm wide including cost of all materials, labour, tools etc.	1.00	L.S	5,000.00	5000.00
90	Providing and erecting direction and place identification retro- reflectorised sign as per IRC :67 made of high intensity grade sheeting vide clause 801.3, fixed over aluminium sheeting, 2 mm thick with area exceeding 0.9 sqm supported on a mild steel angle iron post 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 45 cm x 45 cm x 60 cm, 60 cm	1.80	Sqm	13,064.08	23515.34
91	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to 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	413.74	cum	217.08	89814.68
92	Granular sub base Gr-II with close graded material as per MORTH CL. 401.	30.94	cum	4,585.22	141866.71
93	Laying Reinforced Cement Concrete Pipe NP3 / Prestressed Concrete Pipe on First Class Bedding	22.50	Rm	7,811.45	175757.63
94	Providing and laying boulders apron on river bed for protection against scour with stone boulders weighing not less than 40 kg each complete as per drawing and Technical specification.	234.69	Cum	4,715.73	1106734.67

Executive Engineer
R.W.D. (W) Division

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1 BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figuro	AMOUNT Rs. P
95	Providing and laying pitching on slopes laid over prepared filler media including boulder apron laid dry in front of toe of embankment complete as per Drawing & Technical Specifications. SOR Item-15.4A (Ref. MORTH CI.2504)	338.01	Cum	4,715.73	1593963.90
96	Providing and laying filler materials underneath pitching in slopes complete as per Drawing & Technical Specifications. SOR Item-15.5	169.00	Cum	5,156.20	871397.80
97	Earth work in excavation of foundation of structures as per drawing and technical specification, including setting out, construction of shoring and bracing, removal of stumps and other deleterious matter, dressing of sides and bottom and backfilling with approved material.	276.00	Cum	161.02	44441.52
98	Providing PCC M-15 Plain/Reinforced cement concrete in Foundation complete as per drawing and Technical Specifications	289.50	Cum	8,421.74	2438093.73
99	Supplying, fitting and placing HYSD Bar reinforcement in Foundation complete as per Drawing and Technical Specification.	3.11	MT	70,909.20	220527.61
100	Providing Weep Holes in Abutment Cap with 100mm dia AC Pipe:- Providing weep holes in Brick masonry/Plain/ Reinforced concrete abutment, wing wall/ return wall with 100 mm dia AC pipe, extending through the full width of the structure with slope of 1V :20H towards drawing face. Complete as per drawing and Technical Specifications.	56.00	No	124.65	6980.40
101	Clearing and grubbing road land including uprooting rank vegetation, grass, bushes, shrubs, saplings and trees girth up to 300 mm, removal of stumps of trees cut earlier and disposal of unserviceable materials and stacking of serviceable material to be used or auctioned, up to a lead of 1000 metres including removal and disposal of top organic soil not exceeding 150 mm in thickness.	0.00	Hect.	59,306.02	0.00
102	Construction of embankment with approved material obtained from borrow pits with a lift upto 1.5 m, transporting to 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	0.00	Cum	217.08	0.00
103	Construction of sub-grade with approved material obtained from borrow pits with all lifts & leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of table No. 300-2	0.00	Cum	219.64	0.00
104	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 to achieve the desired density, complete as per clause 401.	0.00	Cum	4,585.22	0.00

M/s. Maa... (Grading-1)

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Executive Engineer
R.W.D. (W) Division
Bogaha-1

ROAD FROM CHAUTARWA RATWAL PATH PAR
CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL
RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL
PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1
BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

DISTRICT :- W.Champaran

BLOCK :- BAGHA 1

Sl. No.	Description of work	No.or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
105	Water Bound Macadam :- Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/ vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/ binding Materials to fill up the interstices of coarse aggregate, watering and compacting to the required density. Grade - III	0.00	Cum	5,665.64	0.00
106	Providing and applying primer coat with bitumen emulsion on prepared surface of granular Base including clearing of road surface and spraying primer at the rate of 0.60 kg/sqm using mechanical means.	0.00	Sqm	46.51	0.00
107	Providing and applying Tack coat with bitumen emulsion as per T.S Clause 503 & Direction of E/I.	0.00	Sqm	16.34	0.00
108	Mix Seal Surfacing - 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 (Mechanical Means)	0.00	Sqm	247.88	0.00
109	Reinforced cement concrete M15 grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc 5th kilometre stone	0.00	Each	0.00	0.00
Construction Cost -					43199836.95
110	Add GST @ 12%	1.00	Rs.	5,183,980.43	5183980.43
111	Add Cess @ 1%	1.00	Rs.	431,998.37	431998.37
112	Add Seigniorage Fee	1.00	Rs.	151,342.17	151342.17
Total Cost of Construction (A):-					48967157.92
113	Supply Fitting & Fixing Elasto-Meric Bearing & seismic Pad :- 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.	27306.72	CuCm	1.00	27306.72
114	Providing and laying pitching on slopes laid over prepared filter media including boulder apron laid dry in front of toe of embankment complete as per Drawing & Technical Specifications. SOR Item-15.4A (Ref. MORTH CI.2504)	33.80	Cum	4,715.73	159391.67
115	Providing and laying filter materials underneath pitching in slopes complete as per Drawing & Technical Specifications. SOR Item-15.5	16.90	Cum	5,156.20	87139.78

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Partner

Executive Engineer
R.W.D. (W) Division
BAGHA-1

Tender Inviting Authority:- Executive Engineer, R.W.D. Works Division, BAGHA 1

Name of Work:

ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE & PROPOSED HIGH LEVEL RCC BRIDGE ON ROAD FROM CHAUTARWA RATWAL PATH PAR CHAINPUR TO GAYGHTEE UNDER BAGHA 1 BLOCK IN THE DISTRICT OF W.CHAMPARAN (BIHAR)

BLOCK :- BAGHA 1

DISTRICT :- W.Champaran

Sl. No.	Description of work	No. or Qty.	Unit	Estimated Rate Figure	AMOUNT Rs. P
116	Providing PCC / RCC M30 in Approach Slab:- Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	1.59	Cum	13,378.37	21271.61
117	Wearing Coat :- Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	3.30	Cum	15,087.07	49787.33
118	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.	3.38	m	11,742.77	39690.56
119	1st YEAR MAINTENANCE OF ROAD	1.00	/Year	0.00	0.00
120	2nd YEAR MAINTENANCE OF ROAD	1.00	/Year	0.00	0.00
121	3rd YEAR MAINTENANCE OF ROAD	1.00	/Year	0.00	0.00
122	4th YEAR MAINTENANCE OF ROAD	1.00	/Year	0.00	0.00
123	5th YEAR MAINTENANCE OF ROAD	1.00	/Year	0.00	0.00
	Maintenance Cost -				384587.67
124	Add GST @ 12%	1.00	Rs.	46,150.52	46150.52
125	Add Cess @ 1%	1.00	Rs.	3,845.88	3845.88
126	Add Seigniorage Fee	1.00	Rs.	2,759.46	2759.46
	Total Cost of Maintenance (B):-				437343.53
	Total Cost of Bridge Part (A+B):-				4,94,04,501.45
	Total estimated cost (Road + Bridge) =				7,08,04,786.77

Bm
16/11/2021

B.O.D approved for ₹ 7,08,04,787 = 70 (Rupees Seven crore eight Lacs four thousand Seven hundred and eighty Seven) only/- including C.S.T, L.C & S.F.

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16/11/2021
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15/9/22
Executive Engineer
R.W.D. (W) Division
Bhariah