

प्रमाणित किया जाना
 है कि मापी पुस्त में मशीन दलीन
 100 एम ली पूस्ट है जिस से श्री
 विजय कुमार पंडित सहायक
 अभियंता गामीया काम विभाग
 काम सिलेक्ट प्रमदल फेनहाला के
 पटना में निगम किया गया
 है

18/9/19
 कार्यपालक अभियंता
 गामीया कार्य विभाग
 कार्य प्रमदल पकडीवारा

Schedule XLV Form No.-134

R.W.D PAKRIDYAL DIVISION

R.W.D FENHARA SUB-DIVISION

MEASUREMENT BOOK

726

Name of officer

Date of first entry

Date of last entry

Attested
 11.9.24
 Executive Engineer
 RWD Works Division
 Pakardiyal

4th Jr. Mainline

Sch. XLV-Form No.134

17

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
work - Mainline of Proposed submain					
crible R-r Bridge across					
Kakaraulya Nala between					
Chakarpati to Mathani.					
Agency - Amber Infra Project Pvt					
limited 40 Heeta Kuman					
At - Misch Mathani					
Agreement No - 16500/2018-2019					
Actual Date of Completion - 25.11.2019					
Date of Measurement - 13.12.2023					
① Restoration of main					
cut - and up ft					
1x 10.0 x 1.12 x 0.30 = 3.36 m ³					
1x 8.0 x 1.11 x 0.30 = 2.66 m ³					
1x 6.0 x 1.10 x 0.30 = 1.98 m ³					
1x 9.0 x 1.10 x 0.30 = 2.97 m ³					
1x 5.0 x 1.20 x 0.30 = 1.80 m ³					
② Mainline of Southern					
shoulder - and up ft					
1x 10.0 x 1.10 x 0.30 = 3.30 m ³					
1x 15.0 x 1.12 x 0.30 = 5.04 m ³					
					21.18 m ³
					lit = 21.06 m ³
② Mainline of Southern					
shoulder - and up ft					
1x 10.8 x 1.20 = 12.96 m ³					
1x 8.0 x 1.15 = 9.20 m ³					
1x 12.10 x 1.10 = 13.31 m ³					
1x 5.0 x 1.11 = 5.55 m ³					
1x 15.0 x 1.10 = 16.50 m ³					

Continuation

57.52 m³

Attended

11.9.24
Executive Engineer
RWD Works Division
Pakaridaya
11/09/24

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
	1	10.0	1.1	BF	57.52 m ²
	1	18.0	1.13	2	20.34 "
	1	20.0	1.22		24.40 "
	1	11.0	1.12	2	12.32 "
	1	10.0	1.20		12.00 "
					126.38 m ²
					117.00 m ²
① Hammer of Bitumen					
surface - cp ft					
③ Patch of air filled with					
	75 mm BT	with	20 mm		
	front	cut	and		
	cp	ft			
	1	6.0	1.0		6.00 m ²
	1	2.0	0.8		1.60 "
	1	4.0	1.2		4.80 "
	1	3.0	0.6		1.80 "
					14.20 m ²
④ Hammer of heavy Gd					
- and cp ft					
	1	8.0	1.6	0.06	0.96 m ²
⑤ Hammer of strip					
Ex pensra					
					1.70 "
⑥ Boulder Patch					
Abfront - and cp ft					
	1	2.0	1.5	0.3	0.90 m ²
	1	4.0	1.0	0.3	1.20 "

Continuation

2.10 m²

Attended


 H. G. M.
 Executive Engineer
 RWD Works Division
 Pakhaldayal

Continuation

By James H. Hays

Attested

11.9.24
Executive Engineer
RWD Works Division
Pakeridaya

Abstract of cost

Sch. XLV-Form No. 134

20

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
① Restoration of main gate					
T.H.B/P-17	2	21.06	3m		
		352.21	2		74182 sq
② Mainline of Goultham					
T.H.B/P-18	2	117.4	3m		
		51.90	2		60722 sq
③ Patch repair of road					
T.H.B/P-18	2	14.20	3m		
		263.80	2		37462 sq
④ Mainline of drainage					
T.H.B/P-18	2	0.96	3m		
		12538.44	2		120372 sq
⑤ Mainline of street					
T.H.B/P-18	2	1.70	3m		
		12106.62	2		205812 sq
⑥ Border of Pitch					
T.H.B/P-19	2	3.32	3m		
		2624.42	2		88642 sq

Continuation

58,698-00

Attested

~~11-9-24~~
Executive Engineer
RWD Works Division
Pakaridaya

पत्रांक - 712

दिनांक - 02-06-2018.

Name of Agency

:- Amber Infra Project Pvt. Ltd.
C/O - Neetu Kumari
At - Miscot, Motihari, Distt - East Champaran.
Mo. No. 9430256455

Name Of Work

:- Construction of R.C.C Bridge With Five Year Maintenance Of
Proposed Submersible R.C.C Bridge Across Kakrahiya Nala
Between Chakarpeta To Mathadwa Under Phenara Block in
The District of East Champaran. Under NABARD.

Agreement No- 16 S.B.D 2018-19.

R.W.D (W) Div. Pakridayal

Rate approved by

:- C.E-3, R.W.D, PATNA

C.E-3, Letter No

:- 3654 Date- 30.05.2018

Construction Cost

:- 02,95,67,760.00

Maintenance. Cost

:- 02,15,543.00

Total

:- 02,97,83,303.00

Agreement Value

:- 02,97,83,303.00 (Rupees Two Crore Ninety Seven Lakh
Eighty Three Thousand Three Hundred Three Only) .

Date of Work Order

:- 02-06-2018

Time Of Completion

:- 01-12-2019

Performance Security

:- 06,01,000.00

Additional Performance Security :- 15,000.00

Submitted to Division by B.G & N.S.C :- 6,16,000.00

Security Deduct From Bill :- 8 %

No Of Items

:- 69 (Sixty Nine)

Rate

:- 0.25 % Below.

Amber Infra Project Pvt. Ltd.

Neetu Kumari

Director

Attested
11-9-24
Executive Engineer
RWD Works Division
Pakridayal

10/7/18
Executive Engineer
R.W.D. Works Division
Pakridayal



बिहार BIHAR

7 5 MAY 2019

Agreement

Standard From : Agreement

16 S.B.D / 2018-19

- No - 16 S.B.D Year 2018-19.

This agreement, made the 07th day of July 2018,

between Executive Engineer, Rural Work Department, Works Division Pakridayal, East Champaran of the one part, Amber Infra Project Pvt. Ltd. C/O - Neetu Kumari, At - Miscot, Motihari, Distt - East Champaran. Whereas the Employer is desirous that the Contractor of Construction of R.C.C Bridge With Five Year Maintenance Of Proposed Submersible R.C.C Bridge Across Kakrahiya Nala Between Chakarpeta To Mathadwa Under Phenhara Block in The District of East Champaran. Under NABARD 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 - 02,97,83,303.00 (Rupees Two Crore Ninety Seven Lakh Eighty Three Thousand Three Hundred Three Only)

NOW THIS AGREEMENT WITNESSETH as follows:

1. 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.

Attested

Executive Engineer
RWD Works Division
Pakaridayal

Amber infra Project Pvt. Ltd.
Neetu Kumari
Director

Executive Engineer
R.W.D. Works Division
Pakaridayal

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.

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 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.

4. The following documents shall be deemed to form and be read 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 Data;
 - v) Special Conditions of contract and General Conditions of Contract;
 - vi) Specifications;
 - vii) Drawings;
 - viii) Bill of Quantities; and
 - ix) Any other document listed in the Contract Data as forming part of the contract.
- In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of

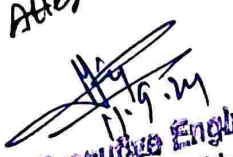
was hereunto affixed in the presence of:
Signed, Sealed and Delivered by the said

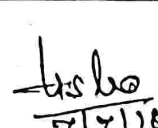
in the presence of:
Binding Signature of Employer

Binding Signature of Contractor

Attested:

 **Neel Kumar**
Director

 **Executive Engineer**
RWD Works Division
Pakaridayal

 **Executive Engineer**
R.W.D. Works Division
Pakaridayal

बिहार सरकार
ग्रामीण कार्य विभाग

पत्रांक-मु0 अ0-4 (मु0)-नाबार्ड-03-132/2017

/पटना, दिनांक-

प्रेषक,

संजय कुमार, मा0प्र0से0
अपर सचिव।

सेवा में,

महालेखाकार (लेखा एवं हकदारी)
बिहार, पटना।

आंतरिक वित्तीय सलाहकार द्वारा
अनौपचारिक रूप से परामर्शित

विषय:- योजना शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय-103-ग्राम विकास-राज्य योजना-0105-ग्राम विकास की परियोजनाएं (नाबार्ड ऋण संपोषित योजना)-उपशीर्ष के अन्तर्गत राज्य के पूर्वी चम्पारण जिलान्तर्गत कार्य प्रमंडल, पकड़ीदयाल के क्षेत्राधीन फेनहारा प्रखंड के ककरहिया नाला पर आर0सी0सी0 पुल निर्माण कार्य जिसकी लम्बाई 43.06 मी0 निर्माण हेतु रू0 299.47 लाख एवं अनुरक्षण की राशि रू0 2.21 लाख अर्थात् रू0 301.68 लाख रुपये (तीन करोड़ एक लाख अड़सठ हजार रुपये) मात्र की लागत पर प्रशासनिक स्वीकृति प्रदान करने के संबंध में।

महाशय,

निदेशानुसार योजना शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय-103-ग्राम विकास-राज्य योजना-उप शीर्ष-0105-ग्राम विकास की परियोजनाएं (नाबार्ड ऋण संपोषित योजना)-उप शीर्ष के अन्तर्गत राज्य के पूर्वी चम्पारण जिलान्तर्गत कार्य प्रमंडल, पकड़ीदयाल के क्षेत्राधीन फेनहारा प्रखंड के ककरहिया नाला पर आर0सी0सी0 पुल निर्माण कार्य जिसकी लम्बाई 43.06 मी0 निर्माण हेतु रू0 299.47 लाख एवं अनुरक्षण की राशि रू0 2.21 लाख अर्थात् रू0 301.68 लाख रुपये (तीन करोड़ एक लाख अड़सठ हजार रुपये) मात्र की लागत पर प्रशासनिक स्वीकृति प्रदान किया जाता है।

1. इस योजना को दो वित्तीय वर्ष 2017-18 एवं 2018-19 में पूरा किये जाने का लक्ष्य है।
2. कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, पकड़ीदयाल द्वारा इस योजना के कार्य सम्पादन हेतु निकासी एवं व्ययन पदाधिकारी होंगे। कार्य निविदा के माध्यम से कराया जाएगा।
3. योजना के क्रियान्वयन से पूर्व इस पर सक्षम पदाधिकारी से प्रावैधिक स्वीकृति प्राप्त कर ली जायगी।
4. इस योजना का व्यय योजना शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय-103-ग्राम विकास-राज्य योजना-0105-ग्राम विकास की परियोजनाएं (नाबार्ड ऋण संपोषित योजना)-उपशीर्ष जिसका विपत्र कोड 37-4515001030105 के अन्तर्गत वित्तीय वर्ष 2017-18 में उपबंधित राशि से विकलनीय होगा।
5. योजना शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय-103-ग्राम विकास-राज्य योजना-0105-ग्राम विकास की परियोजनाएं (नाबार्ड ऋण संपोषित योजना)-उपशीर्ष के अन्तर्गत वित्तीय वर्ष 2017-18 में 454.31 लाख रुपये का बजट उपबंध स्वीकृत है।
6. कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, पकड़ीदयाल द्वारा योजना की मौक्तिक एवं वित्तीय प्रगति प्रतिवेदन प्रत्येक माह के 10 तारीख तक निश्चित रूप से कमशः अधीक्षण अभियंता, मोतिहारी एवं मुख्य अभियंता-3, पटना के माध्यम से विभाग को उपलब्ध कराया जाये।
7. इस योजना का चयन मा0 मंत्री, ग्रामीण कार्य विभाग, द्वारा संचिका संख्या- मु0 अ0-4 (मु0)-नाबार्ड-03-159/2014 के पृ0 सं0-05/दि0 पर दिनांक - 26.09.2016 को किया गया है।

Attested

Executive Engineer
RWD Works Division
Pakaridaya

Executive Engineer
RWD Works Division
Pakaridaya
Project Pvt. Ltd.
Alectu Kumari

Executive Engineer
R.W.D. Works Division
Pakaridaya

499

34/26-2

3322

15.7.2017 34.064-2

8. इस योजना की स्वीकृति सक्षम प्राधिकार सचिव, ग्रामीण कार्य विभाग द्वारा संचिका सं०- मु० अ०-४ (मु०) नाबार्ड-०३-१३२/२०१७ के पृ० सं०-०३/टि० पर दिनांक २१.०४.१७ को प्राप्त है।
9. बिहार कोषागार संहिता में निहित प्रावधानों के आलोक में बजट प्रावधान के अंतर्गत ही राशि निकाली जाय।
10. वित्त विभाग के संकल्प संख्या-४-४५/९४-३०१ वि (२) दिनांक ३१.०१.१९९५ एवं वित्त विभाग के पत्रांक स्कीम (८)-११-२००५-५०९० वि (२) दिनांक १५.०९.०५ एवं २९५ दिनांक २४.०३.१५ के आलोक में तथा वित्त विभाग के संकल्प सं० ९६ दिनांक ०३.०१.२००८ में निहित निर्देशों का अक्षरशः पालन किया जाय तथा बिहार वित्त नियमावली के सुसंगत प्रावधानों के आलोक में योजना में उपबंधित राशि की उपलब्धता के आधार पर व्यय की जाय। यह आदेश आंतरिक वित्तिय सलाहकार की सहमति प्राप्त कर निर्गत किया जा रहा है। आंतरिक वित्तिय सलाहकार की सहमति संचिका सं०- मु० अ०-४ (मु०) नाबार्ड-०३-३४/२०१७ के पृष्ठ संख्या- ५/टि० पर दिनांक-१७.५.१७ को प्राप्त है।
11. यह राशि उसी मद में खर्च की जायेगी, जिसके लिए पुनर्विनियोजित की गयी है, अन्य में नहीं।
12. योजना के लिए कार्यपालक अभियंता, पकड़ीदयाल से विस्तृत कार्य योजना मांगी जायेगी एवं प्रावधानों की विशिष्टताओं के अनुसार निर्धारित समयावधि के अंदर कार्य पूर्ण कराना सुनिश्चित किया जाय।
13. योजना के कार्यान्वयन के क्रम में इनका निर्धारित निरीक्षण (नियमित अंतराल पर) अनिवार्य रूप से किया जाय तथा प्रतिवेदन अभिलेखबद्ध किया जाय।
14. वित्त विभाग के पत्रांक-७७०, दिनांक २०.०९.११ के द्वारा सूचित किया गया है कि नाबार्ड से RIDF के अन्तर्गत नई परियोजनाओं की प्रशासनिक अनुमोदन प्राप्त करने के उपरान्त ही स्वीकृति हेतु नाबार्ड को भेजी जाये।

विश्वासभाजन

ह०/-

(संजय कुमार)

अपर सचिव

ज्ञापांक- मु० अ०-४ (मु०)-नाबार्ड-०३-१३२/२०१७

/पटना, दिनांक-

प्रतिलिपि- कोषागार पदाधिकारी, मोतिहारी को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

ह०/

अपर सचिव

ज्ञापांक- मु० अ०-४ (मु०)-नाबार्ड-०३-१३२/२०१७ 5909

/पटना, दिनांक-24/5/17

प्रतिलिपि- माननीय मंत्री के आप्त सचिव, ग्रामीण कार्य विभाग/प्रधान सचिव, योजना एवं विदास विभाग/वित्त विभाग (आय-व्यय शाखा)/आंतरिक वित्तीय सलाहकार, ग्रामीण कार्य विभाग/मंत्रिमंडल सचिवालय एवं समन्वय विभाग/कार्मिक एवं प्रशासनिक सुधार विभाग, प्रमण्डलीय आयुक्त, मोतिहारी/जिला पदाधिकारी, मोतिहारी/उप विकास आयुक्त, मोतिहारी/अभियंता प्रमुख सह-सचिव, BRRDA, ग्रा० का० वि०, बिहार, पटना/मुख्य अभियंता-३, पटना, ग्रामीण कार्य विभाग/मु० अ०-४ (मुख्यालय), ग्रा० का० वि०/अधीक्षण अभियंता, ग्रा० का० वि०, कार्य अंचल, मोतिहारी/कार्यपालक अभियंता, ग्रा० का० वि० कार्य प्रमंडल, पकड़ीदयाल/मुख्य महाप्रबंधक नाबार्ड, बिहार क्षेत्रीय कार्यालय, (मोर्या कम्प्लेक्स, पॉचवी मंजिल) डाक बंगला रोड, पटना को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। आई०टी० नोडल, ग्रामीण कार्य विभाग को विभाग के वेबसाइट पर अपलोड करने हेतु प्रेषित।

अपर सचिव

Attested

11.9.17
Executive Engineer
RWD Works Division
Pakaridaya

Amber infra Pipjara Pvt. Ltd
Nechu Kumari

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Dir

7/7/18
Executive Engineer
R.W.D. Works Division
Pakaridaya

BILL OF QUNTTY

PROPOSED SUBMERSIBLE RCC BRIDGE ACROSS KAKRAHIYA NALA BETWEEN CHAKARPETA TO MATHADWA UNDER PHENHARA BLOCK IN THE DISTRICT OF EAST CHAMPARAN (BIHAR)

SL NO	ITEM OF WORK	TOTAL QUANTITY	UNIT	RATE	AMOUNT
1	12.37 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	2288.00	MT	300.00	6,86,400.00
2	12.37 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	6.80	MT	5,000.00	34,000.00
3	12.1 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	522.08	Cum	72.10	37,641.97
4	12.1 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	82.40	0.00
5	12.9 C Providing service road etc. all complete job as per specifications and direction of E/I.	0.00	RM	2,936.53	0.00
6	12.22 Providing Steel Liner 6 mm thick for Piles including Fabricating and Setting out as per Detailed Drawing.	29.98	MT	73,327.41	21,98,355.75
7	12.25 B 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.	511.76	RM	16,335.55	83,59,881.07
8	2.4 I (i) C 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.	30.55	Cum	1,116.52	34,109.69
9	12.3 Sand Filling in Foundation Trenches as per Drawing & Technical Specification	22.06	Cum	352.81	7,782.99
10	12.39 Providing and laying of PCC M15 levelling course 100mm thick below the pile cap.	22.06	Cum	5,872.32	1,29,543.38
11	12.38 D (i) Cement Concrete for Reinforced Concrete M - 35 in Pile Cap complete as per Drawing and Technical Specification	372.89	Cum	7,439.38	27,74,070.41
12	12.40 Supplying, Fitting and Placing un-coated HYSD bar Reinforcement in Foundation complete as per Drawing and Technical Specifications.	72.18	MT	71,087.16	51,31,071.21

Attested
 17.9.17
 Executive Engineer
 RWD Works Division
 Pakardaya

17.9.17
 Executive Engineer,
 R.W.D. Works Division
 Pakardaya

Project Infra Project P-115
 Neecha Kumari

SL NO		ITEM OF WORK	TOTAL QUANTITY	UNIT	RATE	AMOUNT
13	13.5 G p Case I	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	59.76	Cum	7,560.18	4,51,796.36
14	13.5 G q Case I	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	0.00	Cum	7,702.32	0.00
15	13.5 G p Case I	Providing RCC M-30 Mechanically mixed concrete in abutment Shaft cap and Pier Hammer Head with stone aggregate 20mm nominal size and clean coarse sand of F.M.-2 All complete job as per design/ Drawing/technical specification and direction of E/I. Upto 5 m Hieght	77.13	Cum	7,560.18	5,83,116.68
16	13.5 G q Case I	Providing RCC M-30 Mechanically mixed concrete in abutment Shaft cap and Pier Hammer Head with stone aggregate 20mm nominal size and clean coarse sand of F.M.-2 All complete job as per design/ Drawing/technical specification and direction of E/I. Beyond 5 m and upto 10m Hieght	0.00	Cum	7,702.32	0.00
17	13.14	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.	0.00	CuCm	0.83	0.00
18	13.8	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.	30.00	No	128.75	3,862.50
19	13.6	Supplying, fitting and placing HYSD Bar reinforcement in substructure complete as per Drawing and Technical Specification.	22.29	Mt	71,233.42	15,87,792.93
20	13.9	Back filling behind abutment, wing wall and return wall, complete as per Drawing and \technical Specification.(Sandy Material)	64.35	Cum	639.15	41,129.30
21	13.10	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.	27.76	Cum	2,865.75	79,553.22
	14.1C Case-II (i) Q	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)	276.40	Cum	8,194.66	22,65,004.02
	14.1C Case-II (ii) Q	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	8,422.29	0.00

Attested

Executive Engineer
RWD Works Division
Palandi

Executive Engineer
R.W.D. Works Division
Palandi

Amber Infra Project Pvt. Ltd.

Neesha Kumari
D.O.

SL NO		ITEM OF WORK	TOTAL QUANTITY	UNIT	RATE	AMOUNT
24	14.1C Case-II (ii) p	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)	0.00	Cum	8,422.29	0.00
25	14.1C Case-II (ii) q	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	8,648.89	0.00
26	14.2	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.	16.27	MT	72,393.20	11,77,837.36
27	14.4	Wearing Coat :- Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	28.16	Cum	12,538.44	3,53,082.47
28	14.7	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.	101.72	M	1,971.88	2,00,579.63
29	14.9	Providing Drainage spout:- Drainage Spouts complete as per drawing and Technical specification	24.00	No.	879.62	21,110.88
30	14.10	Providing PCC M15 grade Below Approach Slab:- PCC M15 Grade leveling course below approach slab complete as per drawing and Technical specification	8.03	Cum	5,878.65	47,205.56
31	14.11	Providing PCC / RCC M30 in Approach Slab:- Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	16.07	Cum	10,768.47	1,73,049.31
32	14.22	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.	44.25	m	12,106.62	5,35,717.94
33	14.16	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 @ IL per sq.m.	1000.00	Sqm	98.88	98,880.00
		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	3000.00	Each Letter X 10Cm Ht	0.52	1,560.00
		Providing and Painting of flood gauge on superstructure to full height and 500mm wide including cost of all materials, labour, tools etc.	1.00	L.S	5,000.00	5,000.00

Executive Engineer
R.W.D. Works Division
Pakuridaval

7/7/18

Attended
Executive Engineer
R.W.D. Works Division
Pakuridaval

SL NO		ITEM OF WORK	TOTAL QUANTITY	UNIT	RATE	AMOUNT
36	8.5	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 below ground level as per approved drawing	1.80	Sqm	12,767.88	22,982.18
37	3.4	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	465.38	cum	167.89	78,132.65
38	4.1 (ii)	Granular sub base Gr-II with close graded material as per MORTH CL. 401.	30.94	cum	2,571.48	79,561.59
39	9.2	Laying Reinforced Cement Concrete Pipe NP3 / Prestressed Concrete Pipe on First Class Bedding .	30.00	Rm	4,416.19	1,32,485.70
40	15.1	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.	258.78	Cum	2,624.42	6,79,147.41
41	15.4 A	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 CL.2504)	81.87	Cum	2,624.42	2,14,861.27
42	15.5	Providing and laying filter materials underneath pitching in slopes complete as per Drawing & Technical Specifications. SOR Item-15.5	40.93	Cum	2,990.38	1,22,396.25
43	12.1	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.	0.00	Cum	72.10	0.00
44	12.8 A	Providing PCC M-15 Plain/Reinforced cement concrete in Foundation complete as per drawing and Technical Specifications	0.00	Cum	6,013.58	0.00
45	12.40	Supplying, fitting and placing HYSD Bar reinforcement in Foundation complete as per Drawing and Technical Specification.	0.00	MT	71,087.16	0.00
46	13.8	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.	0.00	No	128.75	0.00

Amber infra Proje.

Neetu Kumari
Director

Executive Engineer
R.W.D. Works Division
Pakaridaya

Attended
11.9.14
Executive Engineer
RWD Works Division
Pakaridaya

SL NO		ITEM OF WORK	TOTAL QUANTITY	UNIT	RATE	AMOUNT
47	23	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.	0.11	Hect.	48,743.72	5,361.81
48	3.4	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	2147.45	Cum	167.89	3,60,535.38
49	4.1 (ii)	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. (Grading-II)	127.58	Cum	2,764.07	3,52,640.05
50	4.7.2 A (ii)	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 - II	50.63	Cum	3,647.62	1,84,679.00
51	4.8.3 A (iii)	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	50.63	Cum	3,215.47	1,62,799.25
52	5.1	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.	675.00	Sqm	47.94	32,359.50
53	5.2	Providing and applying Tack coat with bitumen emulsion as per T.S Clause 503 & Direction of E/I.	675.00	Sqm	12.81	8,646.75
	5.10	Providing, laying and rolling of open - graded premix surfacing of 20 mm thickness composed of 13.2 mm to 5.6 mm aggregates either using penetration grade bitumen' or cut-back or emulsion 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 smooth wheeled roller 8-10 tonne capacity, finished to required level and grades.	675.00	Sqm	170.01	1,14,756.75

Attested

Executive Engineer
RWD Works Division
Pakaridayal

Under Infra Project
Neetu Kumar

Executive Engineer
R.W.D. Works Division
Pakaridayal

SL NO	ITEM OF WORK	TOTAL QUANTITY	UNIT	RATE	AMOUNT
55	5.12 Providing and laying seal coat sealing the voids in a bituminous surface laid to the specified levels, grade and cross fall using Type B seal coats	0.00	sqm	60.52	0.00
56	8.14 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	2,309.22	0.00
57	8.14 Reinforced cement concrete M15 grade kilometre stone of standard design as per IRC:8-1980, fixing in position including painting and printing etc Hectometer stone	0.00	Each	647.57	0.00
58	8.16 Providing boundary pillars and F.I Posts as per S.O.R. Item 8.16, MORTH CL. 806.	144.00	Each	495.73	71,385.12
Total Cost of Construction (A):-					2,96,41,865.29
59	13.14 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.	0.00	CuCm	0.83	0.00
60	15.4 A 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 CL.2504)	8.19	Cum	2,624.42	21,494.00
61	15.5 Providing and laying filter materials underneath pitching in slopes complete as per Drawing & Technical Specifications. SOR Item-15.5	4.09	Cum	2,990.38	12,230.65
62	14.11 Providing PCC / RCC M30 in Approach Slab:- Reinforced cement concrete approach slab including reinforcement and formwork complete as per drawing and Technical specification	1.61	Cum	10,768.47	17,337.24
63	14.4 Wearing Coat :- Providing and laying Cement concrete wearing coat M-30 grade including reinforcement complete as per drawing and Technical Specifications	2.82	Cum	12,538.44	35,358.40
64	14.22 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.	4.43	m	12,106.62	53,632.33
65	1st YEAR MAINTENANCE OF ROAD	1.00	/Year	9,608.00	9,608.00
66	2nd YEAR MAINTENANCE OF ROAD	1.00	/Year	12,535.00	12,535.00
67	3rd YEAR MAINTENANCE OF ROAD	1.00	/Year	15,145.00	15,145.00
68	4th YEAR MAINTENANCE OF ROAD	1.00	/Year	18,002.00	18,002.00
69	5th YEAR MAINTENANCE OF ROAD	1.00	/Year	20,740.00	20,740.00
Total Cost of Maintenance (B):-					2,16,082.62
Total Cost of (A+B):-					2,98,57,947.91

Infra Project Pr

Neeju Kumari
Director

J.E.

Attested A.E.

7/7/18

Executive Engineer
R.W.D. Works Division
Pakaridaya

Executive Engineer
RWD Works Division
Pakaridaya