

C.E.-05 Patna (Bihar) Letter No. _____ /Dated _____

C.M.B.D. No. :- 16/2025-26

Name Of Contractor - Santosh Prasad Yadav
At- Yamunapur, P.O- Siswa Patna,
Dist- East Champaran.

Name of Work - MMGSY(AWSESH SC) MOTIHARI-477 Under
MMGSY

Construction Cost - Rs. 86244946. 00 (Eight Crore sixty two lakh
Forty four thousand nine hundred forty six only)

Maintenance Cost - Rs. 6817530.00 (Sixty eight lakh seventeen
thousand five hundred thirty only)

Agreement Value - Rs. 93062476.00 (Nine Crore thirty lakh sixty two
thousand four hundred seventy six only)

Performance Security AP.S. SBI Bdr. No- 0236718625000001 Rs. 16,29,000/-
(Sixteen Lacs twenty nine thousand) only & P.S. Amount SBI Bdr.

No- 0236718625000002 Rs. 18,62,000/- (Eighteen Lacs sixty two
thousand) only. P.S. & P.S. Amount Total Rs. 34,91,000/- (Thirty four
lacs ninety one thousand) only.
Rate - 5.81 % Below

Date of Work Order- 14.08.2025

Item of Work- 1 to 226

Contract Date of Completion- 13.08.2026


Executive Engineer
R.W.D. (W) Division
Motihari
14.08.25

लिंगम प्रो भाकर

कार्यपालक अभियंता का कार्यालय
ग्रामीण कार्य विभाग, कार्य प्रमण्डल मोतिहारी।

पत्रांक.....2054..... / दिनांक 14/08/2025

प्रेषक,

कार्यपालक अभियंता,
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल मोतिहारी।

सेवा में

Santosh Prasad Yadav
At- Yamunapur, P.O- Siswa Patna,
Dist- East Champaran.

विषय — कार्यादेश के संबंध में।

प्रसंग — मुख्य अभियंता-05, ग्रामीण कार्य विभाग, विहार पटना,
का पत्रांक अनु० दिनांक

महाशय,

उपर्युक्त विषयक प्रसांगिक पत्र के द्वारा **MMGSY(AWSESH SC) MOTIHARI-477 Under MMGSY** पथ निर्माण कार्य आप के नाम से आवंटित हुआ है तथा आपके द्वारा एकरारनामा कर लिया गया है। अतएव आपको उक्त कार्य दिनांक 14.08.25 से प्रारंभ कर निर्धारित अवधि (12 माह) 13.08-26 तक समाप्त करने हेतु कार्यादेश दिया जाता है।

अतः आप सम्बंधित कनीय अभियंता एवं सहायक अभियंता के देख रेख में उक्त कार्य को मानक विशिष्टियों के अनुरूप निर्धारित अवधि में सम्पादित करना सुनिश्चित करें। MIX Design करा कर ही P.C.C कार्य करावें।

विश्वासभाजन,



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल मोतिहारी।

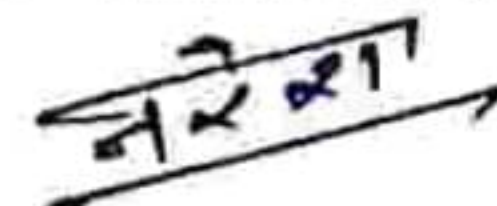
ज्ञापांक.....2054.....

दिनांक 14/08/2025

प्रतिलिपि :- संबंधित सहायक अभियंता / कनीय अभियंता को सुचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। आपको निर्देशित किया जाता है कि उक्त कार्य अपनी देख रेख में विशिष्टियों के अनुरूप सम्पादित कराना सुनिश्चित करें।



कार्यपालक अभियंता
ग्रामीण कार्य विभाग,
कार्य प्रमण्डल मोतिहारी।



संतोष प्रसाद यादव

OFFICE OF THE EXECUTIVE ENGINEER
RURAL WORKS DEPARTMENT
WORKS DIVISION MOTIHARI

Letter No.....2021...../ Date ...12:08:2025.....

Letter of Acceptance

To,

Santosh Prasad Yadav
At- Yamunapur, P.O- Siswa Patna,
Dist- East Champaran.

This is to notify you that the Bihar Rural Road Development Agency has accepted your Bid dated – 09.07.2025 for the execution of BID ID – 622840 & Tender ID– 2025_RWD_ 142334_1 MMGSY(AWSESH SC) MOTIHARI-477 Under MMGSY and routine maintenance of the works for the contract [Name of the Contract and identification number Contract Price of Rupees 93062476.00 (Nine Crore thirty lakh sixty two thousand four hundred seventy six only) as corrected and modified in accordance with the Instructions to Bidders is hereby accepted by our Agency.

We Note that as per bid, you do not intend to subcontract any component of work.

You are here by requested to furnish Performance Security an additional security for unbalanced bids in terms of ITB Clause 27.4 for an amount of Rs.- (PS- 1862000 + APS- 1629000) = 3491000.00 (Thirty four lakh ninety one thousand only) Within 10 days in accordance with the Conditions of Contract using for that purpose from in Section VIII annex D and sign the contract failing which action as stated in Para 34.2 of ITB will be taken.

Your's Faithfully

Executive Engineer
Rural Works Department
Works Division Motihari

[Signature]
12.08.25

[Signature] Santosh Prasad Yadav

बिहार सरकार
ग्रामीण कार्य विभाग

पत्रांक- BRRDA (HQ) MMGSY-AWSESH-398/25-157322/पटना, दिनांक-8/8/25
प्रेषक,

ई० निर्मल कुमार,
अभियंता प्रमुख-सह-अपर
आयुक्त-सह-विशेष सचिव,
ग्रामीण कार्य विभाग, बिहार, पटना।

सेवा में,

मुख्य अभियंता-5 (मुजफ्फरपुर),
ग्रामीण कार्य विभाग।

विषय:-मुख्यमंत्री ग्राम संपर्क योजना अंतर्गत विभागीय निविदा समूह की स्वीकृति के संबंध में।

प्रसंग:-दिनांक 08.08.2025 को अपर मुख्य सचिव, ग्रामीण कार्य विभाग की अध्यक्षता में संपन्न विभागीय निविदा समिति की बैठक की कार्यवाही।

महाशय,

उपर्युक्त विषय के संबंध में दिनांक-08.08.2025 को विभागीय अपर मुख्य सचिव महोदय की अध्यक्षता में सम्पन्न निविदा समिति की बैठक की कार्यवाही की छायाप्रति नियमानुसार अग्रेतर कार्रवाई हेतु संलग्न कर भेजी जा रही है।

निविदा समिति की बैठक की कार्यवाही में अंकित निविदा का कार्य आवंटन आदेश निर्गत कर एक प्रति ज्ञापन लगाकर नोडल पदाधिकारी, MMGSY को e-mail के माध्यम से उपलब्ध कराना सुनिश्चित करें।

निर्धारित समय सीमा में निर्दिष्ट कार्य का पूरा किया जाना अनिवार्य है।

अनु०-निविदा समिति की कार्यवाही (कुल-02) की छायाप्रति।

विश्वासभाजन

(निर्मल कुमार)

अभियंता प्रमुख-सह-अपर
आयुक्त-सह-विशेष सचिव

ज्ञापक-BRRDA (HQ) MMGSY-AWSESH-398/25-157322/पटना, दिनांक-8/8/25

प्रतिलिपि:-अधीक्षक अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, मोतिहारी एवं सिवान/कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, चकिया, मोतिहारी, सिवान-2 एवं हथुआ को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। IT Nodal, ग्रामीण कार्य विभाग/नोडल पदाधिकारी, E-advertisement-cum-e-tendering Cell, ग्रामीण कार्य विभाग के वेबसाइट पर अपलोड करने हेतु प्रेषित।

अनु०-निविदा समिति की कार्यवाही (कुल-02) की छायाप्रति।

अभियंता प्रमुख-सह-अपर
आयुक्त-सह-विशेष सचिव

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

14.08.25

संग्रह प्रो. पादप

बिहार सरकार
ग्रामीण कार्य विभाग

दिनांक 15/05/2025 को विभागीय अपर मुख्य सचिव, ग्रामीण कार्य विभाग की अध्यक्षता में सम्पन्न निविदा समिति की बैठक की कार्यवाही -

समिति हेतु नामित पदाधिकारी

- श्री दीपक कुमार सिंह, अपर मुख्य सचिव, ग्रामीण कार्य विभाग
- श्री निरंजन कुमार, अभियंता प्रमुख सह अपर आयुक्त सह विशेष सचिव, ग्रामीण कार्य विभाग
- श्री नय किशोर झा, मुख्य अभियंता 5 (मृदापकल्प), ग्रामीण कार्य विभाग
- श्री बाभौर नेयर, आचार्यक वित्तीय सलाहकार, ग्रामीण कार्य विभाग

बैठक में मुख्यमंत्री ग्राम सड़क योजना के तहत e-tendering के माध्यम से प्राप्त की गयी निम्नलिखित तालिका के क्रमांक 11 में अंकित निविदा के तकनीकी बीड पर सदस्य प्राधिकार की अध्यक्षता में गठित तकनीकी बीड मूल्यांकन समिति द्वारा तकनीकी बीड में योग्य घोषित किये गये निवेदावली के वित्तीय बीड की तुलनात्मक विवरणी के आलोक में न्यूनतम दर उद्धृत करने वाले निवेदावली के वित्तीय बीड के प्रस्ताव पर विचार हेतु विभागीय निविदा समिति के समक्ष उपस्थापित किया गया, जिसकी विवरणी निम्नलिखित तालिका "Summary of Financial Bids" के अनुरूप है।

उपरोक्त के संदर्भ में इस समिति द्वारा सम्यक विचारोपरान्त तालिका में वर्णित न्यूनतम दर के निवेदावली (I I) के स्तम्भ "12" में निवेदित राशि पर स्तम्भ "13" के अनुसार निम्नलिखित निर्णय लिया गया

Summary of Financial Bid												
Sl. No.	Est. No.	Est. Particulars	Est. No. & Particulars	Package No. & Tender ID	EA Amount (in Rs.)	Bid Amount (in Rs.)	Total No. of Bidders/No. of Bidders Qualified for Tech. Bid	Name of Bidder for Financial Proposal (Bid II)	Quoted Rate (%)	Tender Awarded Amount (in Rs.)	Remarks	
1	2	3	4	5	6	7	8	9	10	11	12	13

- स्वीकृत निविदा समूह के कार्य आवंटन आदेश निर्गत करने के पूर्व संबंधित कार्यपालक अभियंता NH एवं CMBD के निम्न तथ्यों से सतुष्ट हो लेगे :-
 - इस योजना पर सदस्य प्राधिकार द्वारा प्रशासनिक अनुमोदन तथा तकनीकी स्वीकृति प्रदान की गयी है एवं परिमाण विषय अनुमोदित है।
 - वांछित अग्रघन की राशि CMBD के अनुरूप है।
 - पैकेज सरस्रा पथ का नाम, परिमाण विषय की राशि, तकनीकी स्वीकृति की राशि, संवेदक द्वारा उद्धृत दर, परस्मिंत दर, Bid Capacity आदि सही है।

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

सत्यमेव जयते

14.08.2025

(iv) सर्वोच्च Defective / कमी गुटी / कार्य की लक्षण स्पष्ट रूप से संवेदक की सूची में सम्मिलित नहीं है।

(v) कार्य आवंटन आवेदन विवरण कम्प्लेंट के पूर्ण सूत्र प्रमाण पत्र के संदर्भ में निर्गत विनियम पत्रक-14/प्रमाण-03/21/2021-4192 अनुसू. दिनांक-29.07.2024 के दिशा-निर्देशों का अनिवार्य रूप से पालन अनुपालन कराया जाना सुनिश्चित करेंगे।

(vi) CMBD (ITB) की सुसंगत कंडिका 4.4B(b)(i) & 4.4B(b)(ii) के अनुसार संवेदक से प्राप्त अप्रति पत्र के अनुसार जका निर्माण कार्य अनु Key Equipment / Machinery & Lab Equipment तथा Key Personnel की उपलब्धता सुनिश्चित कर लें।

4. एकरारनामा के पूर्ण संबंधित कार्यपालक अभियंता निर्धारित CMBD के अनुसृत संबंधित निविदा के साथ संवेदक द्वारा संलग्न किए गये अभिलेख एवं इसकी मूल प्रति से सत्यापित कर संतुष्ट हो लें। यदि निविदा निष्पादन की प्रक्रिया अथवा किसी भी स्तर पर किसी निविदाकार का कोई कामकाज गलत पाया जाता है तो तत्पश्चात् CMBD एवं विहार विवेकदारी निबंधन नियमावली-2007 की सुसंगत कंडिकाओं के आलोक में कार्रवाई की अनुमति अविलम्ब करना सुनिश्चित करेंगे।
5. संबंधित अधीक्षण अभियंता एकरारनामा की सभी कंडिकाओं का अनुपालन सुनिश्चित कराने हेतु साप्ताहिक अन्तराल पर कार्यों का भौतिक पर्यवेक्षण करेंगे।
6. संबंधित अधीक्षण अभियंता पर्यवेक्षण के उपरान्त साप्ताहिक अन्तराल पर उपर्युक्त बिन्दुओं के संबंध में प्रतिवेदन अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव, BRRDA को सन्निहित करना सुनिश्चित करेंगे। किसी भी विचलन की स्थिति में एकरारनामा की शर्तों के आलोक में तत्काल कार्रवाई की विवरणी भी प्रतिवेदन में देंगे।
7. अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव, BRRDA कार्यों की समीक्षा मासिक अन्तराल पर करेंगे, जिसमें संबंधित अधीक्षण अभियंता समेकित प्रतिवेदन के साथ उपस्थित होंगे।
8. निविदा निष्पादन के क्रम में किसी प्रकार की चूटि पाये जाने पर मुख्यालय को तुरंत सूचित किया जाए।
9. कार्य आवंटन आवेदन में संवेदक का निबंधन संख्या, पूर्ण पता, E-mail ID एवं दूरभाष संख्या अवश्य अंकित किया जाए।
10. संबंधित कार्यपालक अभियंता यह सुनिश्चित करेंगे कि CMBD के ITB की कंडिका-17.2(c) के आलोक में Earnest Money एवं ITB की कंडिका-34.1 के आलोक में Performance Security के रूप में समर्पित Bank Guarantee विहार में अवस्थित राष्ट्रीय/अनुसूचित बैंकों द्वारा ही निर्गत हो तथा विहित अवधि के लिए मान्य हो साथ ही संबंधित शाखा से सत्यापित किया गया हो।
11. अनुमानित परिमाण विषय की दर से कम उद्धृत दर वाले निविदाकार के लिए Additional Performance Guarantee का प्रावधान पथ निर्माण विभाग की अधिसूचना संख्या-447(एस), दिनांक-16.01.2020 एवं विभागीय पत्रांक-292 (अनु०), दिनांक-17.01.2020 के आलोक में एकरारनामा के पूर्व संबंधित कार्यपालक अभियंता अनिवार्यतः जना कराना सुनिश्चित करेंगे।

संतीष प्रताप

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

14.08.25

(iv) संवेदक (Detector) विविध प्रकार की ग्रीस/कायों का जड़ित रखने वाले संवेदकों की गुंथ में स्थापित नहीं है।

(v) नवीन प्राकृतिक संवेदन निर्माण करने के पूर्व परीच प्रमाण पत्र के संवेदन में निर्मित विभागीय प्रसंग 14 कलकत्ता 21/2021 4192 अनु. दिनांक-29.07.2024 के दिशा-निर्देशों के अनुरूप रूप से अपडेट अनुपालन कराया जाना सुनिश्चित करेंगे।

(vi) CMBD से ITB की संयुक्त कंडिका 4.4B(b)(i) & 4.4B(b)(ii) के अनुसार संवेदक से प्राप्त प्राप्त पत्र के अनुसार उक्त निर्माण नवीन एवं Key Equipment Machinery & Lab Equipment तथा Key Personnel की उपलब्धता सुनिश्चित कर लें।

4. एकरारनामा के पूर्व संबंधित कार्यपालक अभियंता निर्धारित CMBD के अनुसार संबंधित निविदा के साथ संवेदक द्वारा संलग्न किया गया अभिलेख एवं इसकी मूल प्रति में सत्यापित कर संतुष्ट हो लेंगे। यदि निविदा निष्पादन की प्रक्रिया अथवा किसी भी स्तर पर किसी निविदाकार का कोई कामकाज मजबूत पाया जाता है तो उनपर CMBD एवं विहार विवेकदारी निबंधन नियमावली 2007 की सुसंगत कंडिकाओं के आलाप में कार्रवाई की अनुमति अविलम्ब करना सुनिश्चित करेंगे।
5. संबंधित अधीक्षण अभियंता एकरारनामा की सभी कंडिकाओं का अनुपालन सुनिश्चित कराने हेतु साप्ताहिक अन्तराल पर कार्यों का भौतिक पर्यवेक्षण करेंगे।
6. संबंधित अधीक्षण अभियंता पर्यवेक्षण के उपरान्त साप्ताहिक अन्तराल पर उपर्युक्त बिन्दुओं के संबंध में प्रतिवेदन अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव, BRRDA को समर्पित करना सुनिश्चित करेंगे। किसी भी विचलन की स्थिति में एकरारनामा की शर्तों के आलाप में तत्काल कार्रवाई की विवरणी भी प्रतिवेदन में देंगे।
7. अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव, BRRDA कार्यों की समीक्षा मासिक अन्तराल पर करेंगे, जिसमें संबंधित अधीक्षण अभियंता समेकित प्रतिवेदन के साथ उपस्थित होंगे।
8. निविदा निष्पादन के क्रम में किसी प्रकार की बृष्टि पाये जाने पर मुख्यालय को तुरंत सूचित किया जाए।
9. कार्य आवंटन आदेश में संवेदक का निबंधन संख्या, पूर्ण पता, E-mail ID एवं दूरभाष संख्या अवश्य अंकित किया जाए।
10. संबंधित कार्यपालक अभियंता यह सुनिश्चित करेंगे कि CMBD के ITB की कंडिका-17.2(c) के आलाप में Earnest Money एवं ITB की कंडिका-34.1 के आलाप में Performance Security के रूप में समर्पित Bank Guarantee विहार में अवस्थित राष्ट्रीय/अनुसूचित बैंकों द्वारा ही निर्गत हो तथा विहित अवधि के लिए मान्य हो साथ ही संबंधित शाखा से सत्यापित किया गया हो।
11. अनुमोदित परिमाण विपन्न की दर से कम उद्धृत दर वाले निविदाकार के लिए Additional Performance Guarantee का प्रावधान पथ निर्माण विभाग की अधिसूचना संख्या-447(एस), दिनांक-16.01.2020 एवं विभागीय पत्रांक-292 (अनु०), दिनांक-17.01.2020 के आलाप में एकरारनामा के पूर्व संबंधित कार्यपालक अभियंता अनिवार्यतः जमा कराना सुनिश्चित करेंगे।

AD

2
Executive Engineer
R.W.D. (W) Division
Motihari
14.08.25

संतीष शर्मा

12. संबंधित कार्यपालक अभियंता, ग्रामीण कार्य विभाग सफल निविदाकार को 24 घंटे के अंदर Letter of Acceptance (LOA) निर्गत करते हुए इसकी प्रति संबंधित अभियंता प्रमुख को संबोधित मुख्य अभियंता, अपर मुख्य कार्यपालक पदाधिकारी-राह सचिव, BRRIIA एवं अभियंता प्रमुख को उपलब्ध कराना सुनिश्चित करेंगे।

(आगीर नैय्यर)
आंतरिक वित्तीय सलाहकार,
ग्रामीण कार्य विभाग,
बिहार, पटना।

(जय किशोर ठाकुर)
मुख्य अभियंता-5 (गुजपफरपुर),
ग्रामीण कार्य विभाग।

(निर्मल कुमार)
अभियंता प्रमुख राह अपर
आयुक्त राह विशेष सचिव,
ग्रामीण कार्य विभाग,
बिहार, पटना।

(दीपक कुमार सिंह)
सरकार के अपर मुख्य सचिव,
ग्रामीण कार्य विभाग,
बिहार, पटना।

अंतिम प्रमाण

Executive Engineer
R.W.D. (W) Division
Motihari
14.08.25



बिहार BIHAR
मोतिहारी
31 JUL 2025
मुख्य न्यायाधीश उदायचारी
मुख्य न्यायाधीश, मोतिहारी

1315 मीनोय प्रसाद यादव पिता श्री/पिता राजेश मीनोय
11-8-25 सुभाष चण्डिका राय पुर पुरावा
सुभाष चण्डिका राय
कृष्णा कुमार श्रीवास्तव
मुद्रांक विक्रेता
मोतिहारी न्यायालय, मोतिहारी
L.N.-79/81

AGREEMENT

Agreement No. 16 CMRD/2025-26

This Agreement made on 14th Aug-25 Between The Executive Engineer, Rural Works Department, Works Division, Motihari, of the one part and Santosh Prasad Yadav, At- Yamunapur, P.O- Siswa Patna, Dist- East Champaran the here in after called the Contractor the other part.

Whereas the Employer is desirous that the Contractor execute Construction of road and performance based Rural Road contract for the Routine Maintenance (output and performance based) of Roads MMGSY(AWSESH SC)MOTIHARI-477 Under MMGSY.(herein after called "The Construction Works & Routine Maintenance") and the Employer has accepted the Bid by the Contractor for the execution of such The Construction Works & Routine Maintenance and the remedying of any defects therein, at a contract price of Rs. 93062476.00 (Nine Crore thirty lakh sixty two thousand four hundred seventy six only)

संतोष प्रसाद यादव

Executive Engineer
R.W.D. (W) Division
Motihari
14-08-25

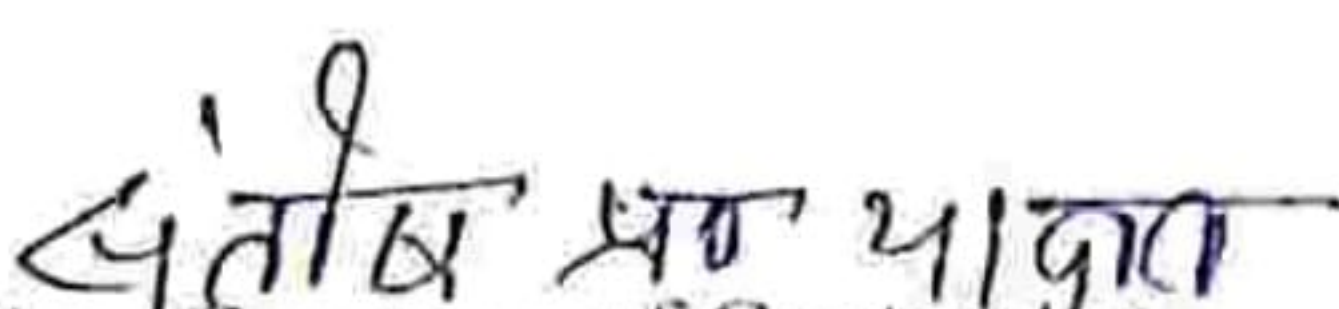
S.No.	Package No.	Name of Road	Length [K.M.]
1	MMGSY(AWSESH SC) MOTIHARI- 477	NH28 Dipay Math To Chitariya Harijan Tola	2.48
2		Dumra Mishra Tola To Bhola Ganga Math	1.85
3		Barwa Kanth Chhapra School To Paswan Tola	1.61
4		MMGSY Paswan Tola To Ahirwahiya Bari Tola	1.78

NOW THIS AGREEMENT WITNESSETH and the Parties hereto agree as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the General condition hereafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the contract.
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) Contractor's Bid
 - (iii) Section VI – General Conditions.
 - (iv) Section VII – Particular Conditions
 - (v) Section V – Technical Specifications (General and Supplementary Technical Specifications)
 - (vi) Appendix A – Drawings
 - (vii) Section IV – Works Schedule
 - (viii) Quality Plan for Output and Performance Based Road Contract as per Clause A14.1 of the Technical Specifications
 - (ix) Appendices to the Contract
 - (x) Addenda issued during bid period
 - (xi) Any other relevant documents listed in the Particular Conditions together with any post bid correspondence. In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

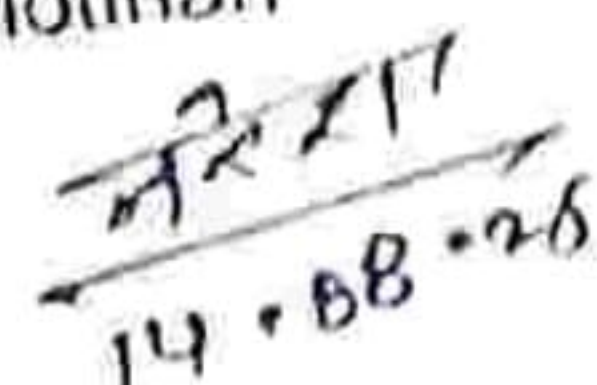
The Common Seal of was here unto affixed in the presence of:

Signed, sealed and delivered by the said in the presence of:


Binding Signature of Contractor

Binding Signature of Employer


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


14.08.26

Package No	Block	Road Name	Length (in Km)	Const. (in Lakhs)	Maint. (in Lakhs)	Total (In Lakhs)
1	2	3	4	5	6	7
MMGSY (AWSSEH SC) MOTIHARI-477	Kotwa	NH28 Dipan Math To Chutariya Harjan Tola	2.48	244.59782	22.82106	267.41888
	Kotwa	Dumra Mishra Tola To Bholi Gori Ke Math	1.85	234.26140	15.18955	249.45095
	Kotwa	Barwa Kanth Chhapra School To Paswan Tola	1.61	202.85115	14.03009	216.88124
	Kotwa	MMGSY Paswan Tola To Ahirwalia Bari Tola	1.78	180.73909	16.13460	196.87369
		Total	7.72	862.44946	68.17530	930.62476

संगीत प्रभाकर

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

14.08.25

Tender Inviting Authority: Engineer -in-chief-Additional Commissioner-cum-Special Secretary, RWD, Bihar, Patna

Name of Work:MMGSY(Awsesh-SC)- Motihari-477

Contract No:

Name of the Bidder/
Bidding

SANTOSH PRASAD YADAV

PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected the Bidder Name and Values only)

NUMBER #	TEXT #	NUMBER	TEXT #	NUMBER	Estimated Rate	NUMBER	TOTAL AMOUNT With Taxes in
Sl. No.	Item Description	Quantity	Units				
1	2	4	5	6	54		
1	NAME OF ROAD - NH28 DIPAU MATH TO CHITARIYA HARIJAN TOLA Working benchmark Pillars - Setting Out Pillars Providing & Fixing of Working benchmark Pillars 2 nos. per km & 6 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	2.48	Per KM	6622.01	16422.5848		
2	Reference pillars - Setting Out Pillars Providing & Fixing of Working benchmark Pillars 2 nos. per km & 6 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	2.48	Per KM	3577.67	8872.6216		
3	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	0.74	Ha	75360.38	55768.6812		
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 100 m as per Technical Specification Clause 301.5	2514.31	Cum	174.18	437942.5158		
5	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	663.96	Cum	241.32	160226.8272		

Signature

Executive Engineer
R.W.D. (W) DivisionMotihari
14.08.25

प्रति ५० २/१०

अतिरिक्त ५० पाना

14	Hard Shouldering - Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded and cross-section shown on the drawing filling joints with sand and earth, spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with three wheel road roller 80-100 kN as per Technical Specification Clause 412	450	Sqm	519.54	233793
15	KM Stone- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and priming, etc as per drawing and technical specification clause 1703.	4	No	3224.05	12896.24
16	200 M Stone- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and priming, etc as per drawing and technical specification clause 1703.	10	No	343.84	3438.4
17	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)	122.88	Sqm	122.24	15020.8512
18	Cable Duct Across the Road - Providing and laying of a reinforced cement concrete pipe duct 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC:981997, bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	52.5	MTR	1095.08	57491.7
19	600 mm equilateral & triangle - Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per	6	Nos	4281.49	25688.94
20	600 mm circular - Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and	6	Nos	5602.27	33613.62
21	600 mm x 450 mm rectangular - Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	2	Nos	4709.35	9418.7

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

14-08-25

Executive Engineer
Roads and District
Muzaffargarh

Quesada

[illegible]

31	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	178.01	Cum	13347.02	2376009.836
32	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 streaks and holes.	496	Sqm	778.4	386086.4
33	ADD LABOUR CESS @ 1% (b)	1	Rs.	28921.17	28921.17
34	SEIGNIORAGE FEE (c)	1	Rs.	16388.67	16388.67
35	ADD GST @ 18% on (a+b+c)	1	Rs.	528736.75	528736.75
36	1st Year Operation & Management Cost	1	YEAR	243584.55	243584.55
37	2nd Year Operation & Management Cost	1	YEAR	377788.24	377788.24
38	3rd Year Operation & Management Cost	1	YEAR	422530.02	422530.02
39	4th Year Operation & Management Cost	1	YEAR	410436.74	410436.74
40	5th Year Operation & Management Cost	1	YEAR	286560.47	286560.47
41	6th Year Operation & Management Cost	1	YEAR	282902.69	282902.69
42	ADD LABOUR CESS @ 1% (b)	1	Rs.	20238.03	20238.03
43	SEIGNIORAGE FEE (c)	1	Rs.	9242.81	9242.81
44	ADD GST @ 18% on (a+b+c)	1	Rs.	369591.04	369591.04

अनुमोदित

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

14.08.20

54	Wet Mix Macadam- Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and	374.39	Cum	4311.69	1614253.619
55	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.	3976.88	Sqm	52.96	210615.5648
56	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	3976.88	Sqm	307.6	1223288.288
57	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloc broom as per technical specification clause 503.	3976.88	Sqm	18.26	72617.8288
58	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approve grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	398.9	Cum	8073.62	3220567.018
59	Hard Shouldering - Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded and cross-section shown on the drawing filling joints with sand and earth, spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with three wheel road roller 80- 100 kN as per Technical Specification Clause 412	600	Sqm	519.54	311724
60	KM Stone- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703.	3	No.	3224.06	9672.18
61	200 M Stone- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and printing , etc as per drawing and technical specification clause 1703.	8	No.	843.84	6750.72
62	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)	204.8	Sqm	122.24	25034.752

प्रतिशत ५० तक

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

14-08-20

पुनर्विचार

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

14.08.25

63	Cable Duct Across the Road - Providing and laying of a reinforced cement concrete pipe duct 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills, constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC 98:1997 bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC: 98 - 1997 and approved drawings.	30	mt	1095.08	32852.4
64	600 mm equilateral & triangle - Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	4	Nos	4261.49	17045.96
65	600 mm circular - Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	4	Nos	5602.27	22409.08
66	600 mm x 450 mm rectangular - Providing and fixing of retro-reflectors cautionary, mandatory and informative sign as per IRC:67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification	2	Nos	4709.35	9418.7
67	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	880	per cm height per letter	0.74	651.2
68	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	42	Each	1248.07	52418.94
69	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. (BT)	210	Sqm	778.4	163464
70	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. (PCC)	160	Sqm	887.99	142078.4

पुनर्विचार

71	Providing and fixing of typical MMGSY informatory sign board with Logo and 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 MS will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and Annexure 1700.1	4	No.	19075.99	94303.84
72	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	2.88	cum	9143.27	26332.5175
73	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	20.15	sqm	234.33	4724.0923
74	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	20.15	sqm	122.24	2454.3934
75	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	487.38	cum	387.73	193852.3138
76	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (I) of Chapter 11	7.32	cum	523.75	3870.45
77	Providing PCC Grade M15 for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	466.21	cum	7707.38	35832.48.305
78	Providing PCC Grade M15 for plain/reinforced concrete in Sub Structure complete as per drawings and technical specifications	142.03	Cum	7957.95	1132865.538
79	Plain/Reinforced cement concrete (M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	24.06	Cum	8755.48	210898.9875
80	RCC M25 in Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5	28.25	Cum	9917.28	280291.7975
81	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	170	Each	129.75	22057.5
82	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	3.42	MT	68314.52	233638.2244

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83	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	67.2	mtr	47.85	3215.52
84	Drainage spouts complete as per drawing and technical specifications Clause 1209	8	Each	1229.22	9833.76
85	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 m as per Technical Specification Clause 202. Cement Concrete	4.77	Cum	665.61	3174.9597
86	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 m as per Technical Specification Clause 202. Reinforced	6	Cum	1692.64	10155.84
87	Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202. Cement mortar	89.1	Cum	466.72	41584.752
88	Removing all types of Hume pipes and stacking including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202. Above 600 mm to 900 mm dia Hume pipe	10	RM	349.05	3490.5
89	ADD LABOUR CESS @ 1% (b)	1	Rs	188736.4	188736.4
90	SEIGNIORAGE FEE (c)	1	Rs	301197.3	301197.3
91	ADD GST @ 18% on (a+b+c)	1	Rs	3485443.26	3485443.26
92	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrilloc broom as per technical specification clause 503.	3976.88	Sqm	18.26	72617.8288
93	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 508 complete in all respects.	99.42	Cum	13347.62	1327020.38

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109	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	0.42	Ha	75350.33	36172.8824
110	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause	51.99	Cum	96.35	5009.2365
111	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 100 m as per Technical Specification Clause 301.5	2920.18	Cum	174.18	508836.9524
112	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	685.05	Cum	241.32	165316.256
113	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.	3285.95	Cum	244.59	803710.5105
114	Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. GRADING - II	615.62	Cum	3638.23	2239767.153
115	WBM GRADING - II - 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 2 as per Technical Specification	301.11	Cum	5757	1733490.27
116	Wet Mix Macadam- Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and	399.39	Cum	4311.69	1722045.869
117	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.	4014.75	Sqm	52.96	212621.16

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118	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	4014.75	Sqm	307.6	1234937.1
119	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydriloc broom as per technical specification clause 503	4014.75	Sqm	18.26	73309.335
120	Construction of un-reinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approve grade cement @ 400 kg per cum, coarse and fine aggregate conforming to IS 383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a batching and mixing plant as per approved mix design, transported to site, laid with a fixed form or slip form paver, spread, compacted and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, debonding strip, dowel bar, tie rod, admixtures as approved, curing compound, finishing to lines and grades as per drawing	268.11	Cum	8073.62	2164618.258
121	Hard Shouldering - Laying brick soling layer on prepared sub-grade with brick on end edging according to lines, graded and cross-section shown on the drawing filling joints with sand and earth, spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with three wheel road roller 80-100 kN as per Technical Specification	412.5	Sqm	519.54	214310.25
122	KM Stone- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and pointing, etc as per drawing and technical specification clause 1703	3	No.	3224.06	9672.18
123	200 M Stone- Reinforced cement concrete M15 grade kilometre local stone of standard design as per IRC:8 fixing in position including painting and pointing, etc as per drawing and technical specification clause 1703	7	No.	843.84	5906.88
124	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)	163.84	Sqm	122.24	20027.8016
125	Cable Duct Across the Road - Providing and laying of a reinforced cement concrete pipe duct 300 mm dia, across the road (new construction), extending from drain to drain in cuts and toe of slope to toe of slope in fills constructing head walls at both ends, providing a minimum fill of granular material over top and sides of RCC pipe as per IRC 98:1997 bedded on a 0.3 m thick layer of granular material free of rock pieces, outer to outer distance of pipe at least half dia of pipe subject to minimum 450 mm in case of double and triple row ducts, joints to be made leak proof, invert level of duct to be above higher than ground level to prevent entry of water and dirt, all as per IRC 98 - 1997 and approved drawings.	30	mtr	1095.08	32852.4

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126	600 mm equilateral & triangle - Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	4	Nos	4261.49	17045.96
127	600 mm circular - Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	4	Nos	5602.27	22409.08
128	600 mm x 450 mm rectangular - Providing and fixing of retro-reflectorised cautionary, mandatory and informative sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical Specification Clause 801	2	Nos	4709.35	9418.7
129	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	704	per cm height per letter	0.74	520.96
130	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	36	Each	1248.07	44930.52
131	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. (BT)	212	Sqm	778.4	165020.8
132	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. (PCC)	110	Sqm	887.99	97678.9

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133	Providing and fixing of typical MMGSY informatory sign board with Logo and Maintenance Board as per MORD specifications and drawing Three MS Plates of 16 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5mm 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 MS 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	4	No	16075.96	64303.84
134	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	383.72	cum	397.76	152628.4672
135	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (I) of Chapter 11	5.6	cum	528.75	2961
136	Providing PCC Grade M15 for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	307.72	cum	7707.36	2371708.819
137	Providing PCC Grade M15 for plain/reinforced concrete in Sub Structure complete as per drawings and technical specifications	168.52	Cum	7957.95	1341073.734
138	Plain/Reinforced cement concrete (M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	21.24	Cum	8765.46	186178.3704
139	RCC M25 in Deck Slab -- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5	20.64	Cum	9917.26	204692.2464
140	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	160	Each	129.75	20760
141	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	2.76	MT	68314.82	188548.9032
142	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	67.2	mtr	47.85	3215.52
143	Drainage speuts complete as per drawing and technical specifications Clause 1209	8	Each	1229.22	9833.76

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144	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 m as per Technical Specification Clause 202. Cement Concrete	3.27	Cum	888.59	2775.5447
145	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 m as per Technical Specification Clause 202. Reinforced	3	Cum	1892.84	5077.92
146	Dismantling of existing structures like culverts, bridges, retaining walls and other structures comprising of brick masonry, including disposal of unserviceable material and stacking the serviceable material with all lift and lead of 1000 m as per Technical Specification Clause 202. Cement mortar.	24.55	Cum	465.72	3005.452
147	Removing all types of Hume pipes and stacking including Earthwork and Dismantling of Masonry Works as per Technical Specification Clause 202. Above 600 mm to 900 mm dia Hume pipe	10	RM	342.05	9420.5
148	ADD LABOUR CESS @ 1% (b)	1	Rs	151425.34	151425.34
149	SEIGNIORAGE FEE (c)	1	Rs	257677.97	257677.97
150	ADD GST @ 18% on (a+b+c)	1	Rs	2981094.73	2981094.73
151	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrolac broom as per technical specification clause 503	4014.75	Sqm	18.26	73389.335
152	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No 508 complete in all respects.	100.37	Cum	13347.62	1339700.619
153	Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflecting 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.	322	Sqm	779.4	251644.5
154	ADD LABOUR CESS @ 1% (b)	1	Rs	16538.85	16538.85

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155	SEIGNIORAGE FEE (c)	1	Rs	9240.72	9240.72
156	ADD GST @ 18% on (a+b+c)	1	Rs	304115.77	304115.77
157	1st Year Operation & Management Cost	1	YEAR	154606.34	154606.34
158	2nd Year Operation & Management Cost	1	YEAR	224967.91	224967.91
159	3rd Year Operation & Management Cost	1	YEAR	252952.81	252952.81
160	4th Year Operation & Management Cost	1	YEAR	254015.85	254015.85
161	5th Year Operation & Management Cost	1	YEAR	178837.46	178837.46
162	6th Year Operation & Management Cost	1	YEAR	178552.82	178552.82
163	ADD LABOUR CESS @ 1% (b)	1	Rs	12439.33	12439.33
164	SEIGNIORAGE FEE (c)	1	Rs	5959.43	5959.43
165	ADD GST @ 18% on (a+b+c)	1	Rs	227219.75	227219.75
166	NAME OF ROAD - MMGSY PASWAN TOLA TO AHIRWALIYA BARI TOLA Working benchmark Pillars - Setting Out Pillars Providing & Fixing of Working benchmark Pillars 2 nos. per km & 6 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	1.78	Per KM	6622.01	11787.1778
167	Reference pillars - Setting Out Pillars Providing & Fixing of Working benchmark Pillars 2 nos. per km & 6 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I	1.78	Per KM	3577.67	6368.2526
168	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	0.53	Ha	75360.38	39941.0014

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169	Excavation for roadwork in soil with hydraulic excavator of 0.9 cum bucket capacity including cutting and loading in tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross-sections, and transporting to the embankment location with a lift upto 1.5 m and lead upto 1000 m as per Technical Specification Clause 301.5	83.93	Cum	96.35	8086.6555
170	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 100 m as per Technical Specification Clause 301.5	2045.72	Cum	174.18	356323.5056
171	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	280.5	Cum	241.32	67690.26
172	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 compacting to meet requirement of Table 300.2 with lead upto 1000 m as per Technical Specification.	2790.71	Cum	244.59	682579.7589
173	Construction of granular sub-base by providing well graded material, spreading in uniform layers with motor grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. GRADING - II	626.11	Cum	3638.23	2277932.185
174	WBM GRADING - II - 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 2 as per Technical Specification	372.12	Cum	5757	2142294.84
175	Wet Mix Macadam- Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the material with water at OMC in mechanical mixer (Pug Mill), carriage of mixed material by tipper to site, laying in uniform layers in sub-base/base course on a well prepared sub-base and compacting with smooth wheel roller of 80 to 100kN weight to achieve the desired density including lighting, barricading and	451.09	Cum	4311.69	1944960.242
176	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.	4961.63	Sqm	52.96	262767.9243
177	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	4961.63	Sqm	307.6	1526197.368
178	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrilloc broom as per technical specification clause 503.	4961.63	Sqm	18.26	90599.3638


 07/08/25
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179	Construction of unreinforced, dowel jointed, plain cement concrete pavement over a prepared sub base with approved grade cement @ 400 kg per cu. metre and fine aggregate conforming to IS 381 maximum size of coarse aggregate not exceeding 25 mm, mixed in a rotating and tamping plant as per approved mix design transmitted to site and with a fired form or else to have spread, compacted and finished in a continuous operation including division of contraction expansion construction and longitudinal joints, joint filler, separation membrane, sealant primer, joint sealant, beddocking and dowel bar, tie rod, accessories as approved, curing compound, finishing to lines and grades as per drawing	1225.73	0.00	1225.73	1225.73
180	Hard Shouldering - Laying brick soling layer on prepared sub-grade with brick on and edging according to lines, graded and cross-section shown on the drawing filling joints with sand and spreading 25 mm thick layer of earth over brick soling, watering and rolling the same with three wheel road roller 80-100 KN as per Technical Specification	1222.5	0.00	1222.5	1222.5
181	KM Stone- Reinforced cement concrete M16 grade kilometric local stone of standard design as per R.C.D fixing in position including painting and priming, etc as per drawing and technical specification clause 1703.	3	0.00	3	3
182	200 M Stone- Reinforced cement concrete M15 grade kilometric local stone of standard design as per R.C.D fixing in position including painting and priming, etc as per drawing and technical specification clause 1703.	3	0.00	3	3
183	Painting two coats including primer coat after filling the surface with synthetic enamel paint in all stages on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701 (for culverts)	242.75	0.00	242.75	242.75
184	Cable Duct Across the Road - Providing and laying of a reinforced cement concrete pipe duct 300 mm dia across the road (new construction), extending from drain to drain or less or more to the of stone in the construction head walls at both ends providing a minimum fill of 100 mm concrete over the stone of RCC pipe as per R.C.D 1987 decided on a 0.3 m thick layer of granular material free of rocks, debris, dust to outer distance of pipe at least half dia of pipe subjected to minimum 450 mm in class of ducts and pipe below ducts joints to be made leak proof, level of duct to be above higher than ground level to prevent entry of water and dirt as per R.C.D 98 - 1987 and approved drawings.	15.5	0.00	15.5	15.5
185	300 mm equilateral & triangle - Providing and fixing of retro-reflectors, coloratory, mandatory and information sign as per R.C.D 7 made of encapsulated lens type reflective sheeting with Class 192.5 fixed over aluminum sheeting, 1.5 mm thick supported on a mild steel angle not less than 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 concrete cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and Technical Specification Clause 801	4	0.00	4	4
186	600 mm circular - Providing and fixing of retro-reflectors, coloratory, mandatory and information sign as per R.C.D 7 made of encapsulated lens type reflective sheeting with Class 1701 2.3 fixed over aluminum sheeting, 1.5 mm thick supported on a mild steel angle not less than 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 concrete cement concrete 450 mm x 450 mm x 600 mm below ground level as per drawings and Technical Specification Clause 801	4	0.00	4	4

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187	600 mm x 450 mm rectangular - Providing and fixing of retro-reflectors cautionary, mandatory and informatory sign as per IRC 67 made of encapsulated lens type reflective sheeting vide Clause 1701.2.3 fixed over aluminium sheeting, 1.5 mm thick supported on a mild steel angle iron post 75 mm x 75 mm x 6 mm firmly fixed to the ground by means of properly designed foundation with M15 grade cement concrete 450 mm x 450 mm x 600 mm, 600 mm below ground level as per drawings and Technical	2	Nos	4709.35	9418.7
188	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	1056	per cm height per letter	0.74	781.44
189	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	26	Each	1248.07	32449.82
190	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 (BT)	262	Sqm	778.4	203940.8
191	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. (PCC)	94	Sqm	887.99	83471.06
192	Providing and fixing of typical MMGSY informatory sign board with Logo and Maintenance Board as per MORD specifications and drawing. Three MS Plates of 16 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5mm size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing Clause 1701 and	4	No.	16075.96	64303.84
193	Brick masonry work in cement mortar 1:3 in parapet excluding pointing and plastering as per drawing and technical specifications Clauses 600, 900 and 1208.4	5.70	cum	9143.27	52605.2352
194	Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	40.32	sqm	234.33	9448.1856
195	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	40.32	sqm	122.24	4928.7168

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196	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	181.84	cum	397.75	72328.6784
197	Sand Filling in Foundation Trenches as per drawing and technical specification Clause 1108 - rate as per item No. 11.2 (I) of Chapter 11	7.12	cum	528.75	3764.7
198	Brick Flat Soling in foundation Trenches as per drawing and technical specification Clause 1108	57.28	sqm	341.07	19536.4856
199	Providing PCC Grade M15 for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	154.43	cum	7707.36	1190247.605
200	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 works in head	15	MTR	7325.23	109878.45
201	Providing PCC Grade M15 for plain/reinforced concrete in Sub Structure complete as per drawings and technical specifications	28.41	Cum	7957.95	226085.3595
202	Plain/Reinforced cement concrete (M-20) in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204	5.31	Cum	8755.48	46544.5925
203	RCC M25 in Deck Slab :- Providing and laying reinforced cement concrete in superstructure (Deck slab M25) as per drawing and technical specifications Clauses 800, 1205.4, 1205.5	5.18	Cum	9917.28	51173.0618
204	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	30	Each	129.75	3892.5
205	Supplying, fitting and placing HYSD bar reinforcement in super-structure complete as per drawing and technical specifications	0.69	MT	68314.82	47137.2258
206	Providing and filling joint sealing compound as per drawings and technical specifications with coarse sand and 6 per cent bitumen by weight	16.8	MTR	47.85	803.88
207	Drainage spouts complete as per drawing and technical specifications Clause 1209.	2	Each	1229.22	2458.44
208	Providing and laying RCC pipe NP-3 600mm dia 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	7.5	MTR	3120.06	23400.45

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209	ADD LABOUR CESS @ 1% (b)	1	Rs.	138415.48	138415.48
210	SEIGNIORAGE FEE (c)	1	Rs.	226709.54	226709.54
211	ADD GST @ 18% on (a+b+c)	1	Rs.	2557201.13	2557201.13
212	Providing and applying tack coat with bitumen emulsion using emulsion pressure distributor at the rate of 0.25 to 0.30 kg per sqm on the prepared granular surface treated with Primer and cleaned with hydrioc broom as per technical specification clause 503.	4961.63	Sqm	18.26	90599.3638
213	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder @ 4.5 to 5 per cent of mix and filler, transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No 508 complete in all respects.	124.04	Cum	13347.62	1655638.785
214	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.	356	Sqm	778.4	277110.4
215	ADD LABOUR CESS @ 1% (b)	1	Rs.	20233.49	20233.49
216	SEIGNIORAGE FEE (c)	1	Rs.	11419.83	11419.83
217	ADD GST @ 18% on (a+b+c)	1	Rs.	369900.33	369900.33
218	1st Year Operation & Management Cost	1	YEAR	181296.37	181296.37
219	2nd Year Operation & Management Cost	1	YEAR	247371.8	247371.8
220	3rd Year Operation & Management Cost	1	YEAR	282841.81	282841.81

संलग्न प्रो 21/10/20

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221	4th Year Operation & Management Cost	1	YEAR	298868.25	298868.25
222	5th Year Operation & Management Cost	1	YEAR	211242.38	211242.38
223	6th Year Operation & Management Cost	1	YEAR	209129.54	209129.54
224	ADD LABOUR CESS @ 1% (b)	1	Rs.	14307.5	14307.5
225	SEIGNIORAGE FEE (c)	1	Rs.	6623.9	6623.9
226	ADD GST @ 18% on (a+b+c)	1	Rs.	261302.68	261302.68
Total in Figures					98302925.93
Quoted Rate in Figures			Less (-)	5.81%	93062477.00
Quoted Rate in Words		INR Nine Crore Thirty Lakh Sixty Two Thousand Four Hundred & Seventy Six and Paise Eighty Eight Only			

DR/14 or 15/2017

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

6/2/21
11/08/21