

भारतीय गैर न्यायिक INDIA NON JUDICIAL

एक हजार रुपये

ONE THOUSAND RUPEES

रु.1000

Rs.1000



बिहार BIHAR

पुर्णिया कोषागार बजगृह  
03 JAN 2024  
कोषागार पदाधिकारी

110 firoz Alam of Chamua

AV 813944

15 Defect & Rect

Bimal Kumar Verma  
18.01.2024  
STAMP VENDOR  
REGISTRY OFFICE  
PURNIA L No-239/07

12 SBD /2023-24  
**MMGSY(AWSESH)  
AGREEMENT**

This agreement made on the 13<sup>th</sup> of March of 2024 between concerned **Executive Engineer R.W.D Works Division ,Baisi (Purnea)** [name and address of Employer](hereinafter called "the Employer") of the one part] **MD. Firoz Alam (BID.ID:561332) Chamua Mahtaur, Thana:-Dagarwa-854326** name and address of Contractor](hereinafter called "the Contractor") of the other part]

Whereas the employer is desirous that contractor execute the **MMGSY(AWSESH)-NDB-BRRP2-245-Baisi (Tender id:128783) Laltoli to Bada Lal Toli to Madarsa Tola (Banbhag), Near Jagru's house to Jagrul Tola, Primary School champa Bareli to champa Bareli, Kohwara to Daveer Tola (Purnea(Bihar))** [name and identification number of contract](here in after the work)

& the employer has accepted the Bid by the Contractor with for the execution and completion of such Work's and Routine maintenance of work for 5 years of the contract Price remedying of any defects therein at a cost of **Rupees 4,73,13,376.00 (Four Crore seventy Three Lakhs Thirteen Thousand Three hundred Three Hundred Seventy Six Only).** respectively.

MD. Firoz Alam

Excutive Engineer  
Rural Work Department  
Work Division, Baisi



**NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:-**

1. In this Agreement , words and expression shall have the same meanings as Are respetively assigned to them in the conditions of contract hereinafter Referred to and they shall be deemed to form and be read and construed As part of this Agreement.

2. In Consideration of the payments to be made by the Employer to the contractor as herein-,

-after 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 provision of the contract and Under taking routing maintenance for five years .

3. The Employer hereby covenants to pay the contractor in consideration of the Execution and completion of the works and the remedying the defect wherein the contract price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the contract.

4. The Following documents shall be deemed from and be ready and construed as part of this agreement Viz .

(I) Letter of acceptance.

(II) Notice to proceed with the works.

(II) Contractor's Date

(IV) Contract Date.

(V) Special conditions of contract and General conditions of contract.

(VI) Drawings.

(VII) Specifications.

(VIII) Bill of Quantity and

(IX) Any other documents listed in the contract Data as forming part of the contract In witness whereof the parties there to have caused this Agreement executed the day and year first before written .

5. Deduction : I.T , G.S.T, Royalty & all other deduction will be deducted from each bill as applicable

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

The common seal of contractor 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 .....

*Blue*  
13/2/24  
Executive Engineer  
Rural work Department  
Work Division Baysi

*MD. FUS A-M*



# Office of The Executive Engineer, R.W.D., Works Division, Baisi, (Purnea)

Letter No.: 19 / Baisi. Date: 31.01.24

## Letter of Acceptance

From:

Executive Engineer,  
Rural Works Department,  
Works Division, Baisi

To,

**MD. Firoz Alam (BID.ID:561332)**  
Chamua Mahtaur, Thana:-Dagarwa-854326

**Ref:** Letter of EIC : Letter Number:BRRDA(HQ)MMGSY(NDB)-475/23 29/Patna, Dated:03.01.24

This is to notify you that the Employer, namely Executive Engineer, Rural Works Department, Works Division, Baisi has accepted your Bid dated: \_\_\_\_\_ for Execution of the road MMGSY(AWSESH\_-NDB-BRRP2-245-Baisi (Tender id:128783) Laltoli to Bada Lal Toli to Madarsa Tola (Banbhag), Near Jagru's house to Jagrul Tola, Primary School champa Bareli to champa Bareli, Kohwara to Daveer Tola under MMGSY(AWSESH) and routine maintenance of the work for five years for the Contract Price of Rupees **4,73,13,376.00 (Four Crore seventy Three Lakhs Thirteen Thousand Three hundred Three Hundred Seventy Six Only)**. [amount in figures and words] as corrected and modified\* in accordance with the Instructions to Bidders is hereby accepted by our Agency.

You are hereby requested to furnish Performance Security, (and additional security for unbalanced bids in terms of ITB Clause 26.3) [where applicable] in the form detailed in Cl. 30 of ITB for an amount of **Rs 11,83,000.00 (P.S.) + Rs.1,20,000.00 (A.P.S.)** within 10 days of the receipt of this Letter of Acceptance valid up to 45 days from the date of expiry of Defects Liability Period i.e. up to ..... and sign the Contract. "If the Performance Security is in the form of a Bank Guarantee, the period of validity of Bank Guarantee could be one year initially, however, the Contractor would get this Bank Guarantee extended in such a way that an amount equal to the requisite Performance Security is always available with the Employer until 45 days after the lapse of Defects Liability Period."

(Below -0.11%).

Yours faithfully,

*[Signature]*  
05/1/24

*[Signature]*  
05/1/24

Executive Engineer,  
Rural Works Department,  
Works Division, Baisi

*[Signature]*



बिहार सरकार  
ग्रामीण कार्य विभाग

पत्रांक:- BRRDA(HQ)MMGSY(NDB)-475/23- 27 / पटना, दिनांक-03/01/24  
प्रेषक,

ई० अमरेन्द्र कुमार सिन्हा,  
अभियंता प्रमुख-सह-अपर  
आयुक्त-सह-विशेष सचिव।

सेवा में,

मुख्य अभियंता-2,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

विषय:- मुख्यमंत्री ग्राम संपर्क योजना (AWSESH) अन्तर्गत Pkg No-MMGSY(AWSESH)-NDB-BRRP2-41-Banka-1, MMGSY(AWSESH)-NDB-BRRP2-43-Banka-1, MMGSY (AWSESH)-NDB-BRRP2-323-Banka-2, MMGSY(AWSESH)-NDB-BRRP2-317-Banka-2, MMGSY(AWSESH)-NDB-BRRP2-253-Kahalgaon, MMGSY (AWSESH)-NDB-BRRP2-254-Kahalgaon, MMGSY(AWSESH)-NDB-BRRP2-255-Kahalgaon, MMGSY(AWSESH)-NDB-BRRP2-247-Baisi & MMGSY(AWSESH)-NDB-BRRP2-245-Baisi की निविदा निष्पादन के संबंध में।

प्रसंग:- आपका पत्रांक-4213 अनु०, दिनांक-18.12.2023, पत्रांक-4212 अनु०, दिनांक-18.12.2023 एवं पत्रांक-4214 अनु०, दिनांक-18.12.2023 तथा अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, पूर्णियाँ का ज्ञापांक-1767 अनु०, दिनांक-22.12.2023।

महाशय,

उपर्युक्त विषय के संबंध में दिनांक-29.12.2023 को विभागीय 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 की छायाप्रति।

विश्वासभाजन

*(Signature)*

(अमरेन्द्र कुमार सिन्हा)

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

ज्ञापांक:- BRRDA(HQ)MMGSY(NDB)-475/23- 27 / पटना, दिनांक-03/01/24

प्रतिलिपि:- अधीक्षण अभियंता, ग्रामीण कार्य विभाग, कार्य अंचल, भागलपुर एवं पूर्णियाँ/कार्यपालक अभियंता, ग्रामीण कार्य विभाग, कार्य प्रमंडल, बाँका-1, बाँका-2, कहलगाँव एवं वायसी को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। IT Nodal, ग्रामीण कार्य विभाग को विभाग के वेबसाइट पर अपलोड करने हेतु प्रेषित।

अनु०:- निविदा समिति की कार्यवाही की छायाप्रति।

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

*(Signature)*

**बिहार सरकार**  
**ग्रामीण कार्य विभाग**

दिनांक:- 29/12/2023 को सचिव, ग्रामीण कार्य विभाग की अध्यक्षता में सम्पन्न विभागीय निविदा समिति की बैठक की कार्यवाही।

उपस्थिति :-

श्री पंकज कुमार पाल, सचिव, ग्रामीण कार्य विभाग।

-अध्यक्ष

श्री अमरेन्द्र कुमार सिन्हा, अभियंता प्रमुख-सह-अपर आयुक्त-सह-विशेष सचिव, ग्रामीण कार्य विभाग

-सदस्य

श्री श्रीप्रकाश, मुख्य अभियंता-2, ग्रामीण कार्य विभाग।

-सदस्य

श्री आमिर नैय्यर, आंतरिक वित्तीय सलाहकार, ग्रामीण कार्य विभाग।

-सदस्य

2. बैठक में "मुख्यमंत्री ग्राम संपर्क योजना (अवशेष)" अन्तर्गत e-tendering के माध्यम से प्राप्त की गयी निम्नवत् तालिका के क्रमांक-1 से 9 तक के निविदा समूहों के तकनीकी बीड पर सक्षम प्राधिकार की अध्यक्षता में गठित तकनीकी बीड मूल्यांकन समिति द्वारा तकनीकी बीड में योग्य घोषित निविदाकारों के वित्तीय बीड की तुलनात्मक विवरणी के आलोक में न्यूनतम दर उद्धृत करने वाले निविदाकार के वित्तीय बीड के प्रस्ताव पर विचार हेतु विभागीय निविदा समिति के समक्ष उपस्थापित किया गया जिसकी विवरणी निम्नवत् तालिका "Summary of Financial Bids" के अनुरूप है।

उपर्युक्त के संदर्भ में इस समिति के द्वारा सम्यक विचारोपरांत तालिका के स्तम्भ "12" के निवेदित राशि पर स्तम्भ "13" के अनुसार निम्नवत् निर्णय लिया गया :-

Summary of Financial Bids												
Sl. No.	Division	File No. (Technical Bid) BRKDA (MO) MMGSY (NDB)	NTT No. / Last Date of Receipt	PR No. & Date of Publication	Package No. / Tender ID	AA Amount (in lac)	Bid Amt. (in Rs.)	Total Number of Bidders / No. of Bidders Qualified to Participate	Name of Bidder / Financial Proposal (Bid ID)	Quoted Rate (%)	Tender Award Amount (in Rs.)	Remarks
1	Banka-1	362/23	RWD/MMGSY (AWSESH/H) Q.T.T. 2023-24/03	007946(RWD) 2023-24 07/09/2023	MMGSY(AWSESH)-NDB-BRRP2-41-Banka-1 (Tender ID: 2023_ECBH_128237_1)	379.771	36542957.73	2/2	Raman Singh Construction Private Limited (Bid ID: 559030)	-0.15	36488143.29 (Three Crore Sixty Four Lakh Eighty Eight Thousand One Hundred and Forty Three)	Successful as per lowest quoted rate i.e. L1
2	Banka-1	364/23	RWD/MMGSY (AWSESH/H) Q.T.T. 2023-24/03	007946(RWD) 2023-24 07/09/2023	MMGSY(AWSESH)-NDB-BRRP2-41-Banka-1 (Tender ID: 2023_ECBH_128239_1)	445.845	42793275.07	3/3	Amar Kumar Mahra (Bid ID: 559003)	-1.10	42322549.04 (Four Crore Twenty Three Lakh Twenty Two Thousand Five Hundred and Forty Nine)	Successful as per lowest quoted rate i.e. L1
3	Banka-2	431/23	RWD/MMGSY (AWSESH/H) Q.T.T. 2023-24/15	009379(RWD) 2023-24 29/09/2023	MMGSY(AWSESH)-NDB-BRRP2-323-Banka-2 (Tender ID: 2023_ECBH_128884_1)	682.230	64261236.72	2/2	Shravya Construction Equipment Private Limited (Bid ID: 562028)	-0.26	64094157.50 (Six Crore Forty Lakh Ninety Four Thousand One Hundred and Fifty Seven)	Successful as per lowest quoted rate i.e. L1
4	Banka-2	420/23	RWD/MMGSY (AWSESH/H) Q.T.T. 2023-24/15	009379(RWD) 2023-24 29/09/2023	MMGSY(AWSESH)-NDB-BRRP2-317-Banka-2 (Tender ID: 2023_ECBH_128878_1)	742.390	71126311.74	5/2	Anil Kumar Singh (Bid ID: 562195)	-6.50	66503120.18 (Six Crore Sixty Five Lakh Three Thousand One Hundred and Twenty)	Successful as per lowest quoted rate i.e. L1
5	Katalgum	407/23	RWD/MMGSY (AWSESH/H) Q.T.T. 2023-24/15	008662(RWD) 2023-24 20/09/2023	MMGSY(AWSESH)-NDB-BRRP2-253-Katalgum (Tender ID: 2023_ECBIH_128791_1)	695.980	66558051.36	3/2	Dharmendra Kumar Choudhary (Bid ID: 560958)	-0.26	66380013.43 (Six Crore Sixty Three Lakh Eighty Thousand and Thirteen)	Successful as per lowest quoted rate i.e. L1

M. Singh Alam



Sl. No.	Division	File No. (Tendered Bid) BRIDA (TC) MMGSV (NDB)	NIT No. / Last Date of Receipt	PR No. & Date of Publication	Package No. / Tender ID	EA Amount (in Rs.)	Bid Amt (in Rs.)	Total Number of Bidders / No. of Bidders Qualified to Bid	Name of Bidder / Bidder's Financial Proposal (Bid ID)	Score (%)	Tender Award Amount (in Rs.)	Remarks
6	Kahalgan	409/23	RWDMMGSV (AWSESID)H QET 2023-24 24.13	008662(RWD) 2023-24 20.09.2023	MMGSV(AWSESID) NDB-BRRP2 254-Kahalgan (Tender ID- 2023_ECBIH_128792_1)	492.910	47146888.65	1/2	Madhu Supriya (Bid ID- 561182)	0.50	4691154.11	Successful as per lowest quoted rate i.e. 1.1
7	Kahalgan	408/23	RWDMMGSV (AWSESID)H QET 2023-24 24.13	008662(RWD) 2023-24 20.09.2023	MMGSV(AWSESID) NDB-BRRP2 255-Kahalgan (Tender ID- 2023_ECBIH_128793_1)	451.910	43185082.80	4/2	Constructive Construction (Bid ID- 561130)	0.41	43287101.96	Successful as per lowest quoted rate i.e. 1.1
8	Bani	396/23	RWDMMGSV (AWSESID)H QET 2023-24 24.13	008662(RWD) 2023-24 20.09.2023	MMGSV(AWSESID) NDB-BRRP2 247-Bani (Tender ID- 2023_ECBIH_128785_1)	812.219	80852180.67	2/2	Karandeep Kumar (Bid ID- 561421)	-0.11	80763243.17	Successful as per lowest quoted rate i.e. 1.1
9	Bani	395/23	RWDMMGSV (AWSESID)H QET 2023-24 24.13	008662(RWD) 2023-24 20.09.2023	MMGSV(AWSESID) NDB-BRRP2 245-Bani (Tender ID- 2023_ECBIH_128783_1)	462.673	47365478.55	2/2	Md Faze Alam (Bid ID- 561332)	-0.11	47313376.52	Successful as per lowest quoted rate i.e. 1.1

3. स्वीकृत निविदा समूहों के कार्य आवंटन आदेश निर्गत करने के पूर्व संबंधित कार्यपालक अभियंता, NIT एवं SBD के निम्न तथ्यों से संतुष्ट हो लेंगे:-

- पैकेज में अंकित योजनाओं पर सक्षम प्राधिकार द्वारा प्रशासनिक अनुमोदन तथा तकनीकी स्वीकृति प्रदान की गयी है एवं परिमाण विपत्र अनुमोदित है। यदि परिमाण विपत्र की राशि मूल प्रशासनिक अनुमोदन की राशि की अनुज्ञेय सीमा से अधिक है, तो पुनरीक्षित प्रशासनिक अनुमोदन प्राप्त कर लिया जाए।
- SBD (ITB)की कडिका-16 के आलोक में वांछित अग्रधन की राशि विहित प्रपत्र में है तथा उसकी वैधता है, का मिलान कर ही कार्य आवंटन आदेश निर्गत करेंगे।
- पैकेज संख्या, पथ/पुल का नाम, परिमाण विपत्र की राशि, तकनीकी स्वीकृति की राशि, सवेदक द्वारा उद्धृत दर, परक्रमित दर, Bid Capacity आदि सही है। सवेदक के Bid Validity Period एवं वांछित Bid Capacity की राशि का मिलान कर ही कार्य आवंटन आदेश निर्गत करेंगे।
- सवेदक Defaulter/ काली सूची/कार्यों को लंबित रखने वाले सवेदकों की सूची में नहीं है।
- कार्य आवंटन आदेश निर्गत करने के पूर्व चरित्र प्रमाण पत्र के संबंध में निर्गत विभागीय पत्रांक-14/अ०प्र०-03-21/2021-489 अनु०, दिनांक-28.01.2021 के दिशा-निर्देशों का अनिवार्य रूप से अक्षरशः अनुपालन कराया जाना सुनिश्चित करेंगे।

- एकरारनामा के पूर्व संबंधित कार्यपालक अभियंता निविदा में सभी अभिलेख की मूल प्रति से सत्यापित कर संतुष्ट हो लेंगे।
- संबंधित अधीक्षण अभियंता एकरारनामा, General Condition of Contract(GCC) की सभी कडिकाओं के अनुपालन सुनिश्चित कराने हेतु साप्ताहिक अन्तराल पर कार्यों का भौतिक पर्यवेक्षण करेंगे तथा मुख्य रूप से निम्न कडिकाओं को कड़ाई से अनुपालन सुनिश्चित करायेंगे:-

- (i) संवेदक के द्वारा कार्यों को Sublet करने से पूर्व संबंधित कार्यपालक अभियंता से लिखित अनुमति प्राप्त करना अनिवार्य है तथा संवेदक के द्वारा किसी भी परिस्थिति में कार्य के 25% से अधिक की राशि का कार्य Sublet नहीं किया गया है। (कडिका-7)
  - (ii) संवेदक द्वारा कार्य के लिये निविदा में निर्धारित कर्मियों को स्थल पर प्रतिनियुक्त किया गया है। (कडिका-9)
  - (iii) Contractor's Risk के अन्तर्गत आने वाले मर्दों के लिये निर्धारित अवधि के लिये नियोक्ता एवं संवेदक के संयुक्त नाम से बीमा करा लिया गया है। बीमा पॉलिसी एवं बीमा कराने का प्रमाण पत्र संवेदक द्वारा कार्य प्रारंभ से पूर्व संबंधित कार्यपालक अभियंता को उपलब्ध कराया जाना आवश्यक है। (कडिका-13)
  - (iv) निविदा में निर्धारित Key Equipments/Machinery स्थल पर उपलब्ध करा दिया गया है। (Contract Data का क्रमांक-15)
  - (v) संवेदक द्वारा ग्रामीण पथों के लिए निर्धारित विशिष्टियों और अनुमोदित नक्शा के आलोक में गुणवत्ता के साथ कार्य पूर्ण कराये जाने हेतु संबंधित कार्यपालक अभियंता के निर्देशानुसार अतिरिक्त यंत्र-संयंत्र एवं कर्मी कार्य स्थल पर लगाया गया है। (कडिका-16)
  - (vi) Work Programme समर्पित किया गया है। (कडिका-17)
  - (vii) कार्य स्थल पर प्रयोगशाला स्थापित किया गया है तथा उसमें निविदा में निर्धारित उपकरण उपलब्ध है। (Contract Data sheet का क्रमांक-18)
  - (viii) संवेदक से कार्य के लिए निर्धारित लक्ष्यों को ससमय पूर्ण न किये जाने पर संवेदक से एकरारनामा के अनुसार Liquidity Damage वसूल किया जा रहा है। (कडिका-44.1)
  - (ix) संवेदक के द्वारा "As Built" Drawing आवश्यकतानुसार संबंधित कार्यपालक अभियंता को उपलब्ध कराया जा रहा है। (कडिका-51)
  - (x) संवेदक द्वारा बिना अनुमति एवं पूर्व सूचना के कार्य को 28 दिनों से अधिक अवधि तक बंद नहीं रखा जा रहा है। (कडिका-52.2(a))
  - (xi) संवेदक को कार्य सुधार के लिए दिये गये निदेश के आलोक में कार्य सम्पादित किया जा रहा है। (कडिका-52.2(c))
  - (xii) संवेदक द्वारा आवश्यकतानुसार प्रतिभूतियों का Extension कराया जा रहा है। (कडिका-46.2 एवं 52.2(d))
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 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 त्रुटि पाये जाने पर मुख्यालय को तुरंत सूचित किया जाए।
  9. कार्य आवंटन आदेश में संवेदक का निबंधन संख्या, पूर्ण पता एवं दूरभाष संख्या अवश्य अंकित किया जाए।



Ad: Program

10. संबंधित कार्यपालक अभियंता यह सुनिश्चित करेंगे SBD के सुसंगत कंडिकाओं के आलोक में Earnest Money/Security Deposit/Performance Security के रूप में दिये गये Bank Guarantee/ अन्य उपकरण बिहार में अवस्थित राष्ट्रीय/अनुसूचित बैंकों/ डाकघरों द्वारा ही निर्गत हो तथा संबंधित शाखा से सत्यापित किया गया हो।
11. संबंधित कार्यपालक अभियंता, ग्रामीण कार्य विभाग सफल निविदाकार को 24 घंटे के भीतर Letter of acceptance (LOA) निर्गत करते हुए इसकी प्रति संबंधित अधीक्षण अभियंता, मुख्य अभियंता, अपर मुख्य कार्यपालक पदाधिकारी-सह-सचिव, BRRDA एवं अभियंता प्रमुख को उपलब्ध कराना सुनिश्चित करेंगे।

29/11/23  
(आमीर नैथर)

आंतरिक वित्तीय सलाहकार,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

(श्रीप्रकाश)

मुख्य अभियंता-2,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

(अमरेन्द्र कुमार सिन्हा)  
अभियंता प्रमुख-सह-  
अपर आयुक्त-सह-  
विशेष सचिव,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।

(पंकज कुमार पाल)

सरकार के सचिव,  
ग्रामीण कार्य विभाग,  
बिहार, पटना।





STATE BANK OF INDIA  
DAGARUA ( 12638 )

Special Term Deposit Advice  
(In lieu of Special Term Deposit Receipt)

Date: 17/01/2024

"pledge to EE RWD WORK DIVISION BAISI"

Dear Sir/Madam,

We have pleasure in confirming your deposit held with us, the details of which are as shown below.

Your FD account number is 42620369287. Please quote this in all correspondences.

Thank you for banking with SBI.

A. Customer Name - **MOHAMMAD FIROZ ALAM**

CIF Number  
86364336787

Mode of Operation  
**SINGLE**

Scheme  
**STD-PUB IND UNI 181D-10YRS**

Maturity Instruction  
Auto Renewal

Frequency of Interest Payment  
**At Maturity**

Credit Interest & Maturity Proceeds to (A/c)  
35845930876

Nomination  
**Registered**

Nominee(s), if any

TDR/STDR A/c No.	Tenure	Interest Rate	Principal Amt.	Value Date	Maturity Date	Maturity Value
42620369287	5 Year(s), 0 Month(s), 0 Days(s)	6.5 %	INR 120000	17/01/2024	17/01/2029	INR 165650

B. Terms & Conditions for TDR/STDR

- Please inform us of any change in your Resident/Non-Resident status and when such change takes place. The status declaration on the account opening form shall remain in force until such time as a change is advised to us.
- In case of premature payment the deposit represented by this advice shall be subject to penalty provisions at the rates decided by the bank from time to time.
- Bank will deduct Income Tax as per the law applicable and in case no tax is to be deducted, Form 15G/H has to be submitted by the depositor to the branch just after opening the FD and at the beginning of the Financial Year in the subsequent Financial Years. The facility for online submission of Form 15G/H is also available in the INB platform (onlinesbi.com) of the bank.
- FD with additional rate of interest for senior citizens will be issued if option for "Senior Citizen" is given by the customer and age of customer is 60 Yrs or above, on the date of creating the fixed deposit, as per date of birth recorded with the Bank. The minimum days and minimum amount applicable for additional rate of interest for senior citizen will be as per Bank's policy.
- FD will be disposed of according to the Maturity Instruction given at the time of opening the deposit. In case of auto renewal, the deposit will be renewed for the same duration for which it was originally kept, at the rate of interest prevailing on the date of renewal for that duration. If auto renewal instruction are given, the instructions will continue to be executed till terminated by the account holder.
- As per section 205AA introduced by Finance (No. 2) Act, 2009 effective April 01, 2010, every person who receives income on which TDS is deductible shall furnish his PAN, failing which TDS shall be deducted at the rate of 20% in case of Domestic deposits and 30.90% in case of NRO deposits.
- Additionally, in the absence of PAN, Form 15G/H and other exemption certificates will be invalid even if submitted & penal TDS will be applicable. Kindly visit your SBI branch with your PAN card (original & copy) to get the same updated on the bank records.

MOHAMMAD FIROZ ALAM

**MUKHYA MANTRI GRAM SAMPARK YOJNA (MMGSY)  
NDB (AWSSEH) TRANCHE -I**

**BILL OF QUANTITIES (BOQ) - CONSTRUCTION**

Name of Road : Lal Toli To Bada Lal Toli To Madrasa Tola (Banbhag)					
Block : Amaur		District : Purnea			
Length : 0.775 km					
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Providing & Fixing of Working benchmark/Reference Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
	Benchmark Pillars 01 nos. per km	No	1.00	5434.95	5434.95
	Reference Pillars 04 nos. per km	No	3.00	2534.06	7602.18
2	<u>Clearing and Grubbing Road Land</u> 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 ( By Manual Means) In area of non-thorny jungle	Hect.	0.54	75573.34	40809.60
3	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 <b>lead upto 1000 m</b> as per Technical Specification Clause 301.5	Cum	203.91	261.09	53238.86
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 <b>lead upto 100 m</b> as per <u>Technical Specification Clause 301.5</u>	Cum	322.13	177.64	57223.17
5	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	Cum	1862.58	264.63	492894.55

*[Signature]*

*Md. Faraz Alam*



Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6	<b>Granular Sub-base with Well Graded Material</b> (Table 406 1) :- Construction of granular sub-base by providing well graded material spreading in uniform layers with tractor mounted grader arrangement on prepared surface moving by side in plane method with vibrator at OMC and compacting with smooth wheel roller to achieve the desired density complete as per Technical Specification Clause 401 (For Grading I Material)	Cum	551.57	4088.99	2255364.21
7	<b>WBM Grading 3</b> :- Providing laying spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness hand packing rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber applying and brooming stone screening to fill-up the interstices of coarse aggregate watering and compacting to the required density Grading 3 as per Technical Specification Clause 405	Cum	222.33	5744.45	1277183.57
8	<b>Prime Coat (Low Porosity) :-</b> Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502	Sqm	2199.38	59.46	130775.13
9	<b>Tack Coat</b> :- Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503	Sqm	2199.38	20.31	44669.41
10	<b>Mix Seal Surfacing Type B</b> Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	Sqm	2199.38	290.95	639909.6

*Signature*

*M. D. S. Ali*

Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
11	<b>Cement Concrete Pavement M30</b> Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification	Cum	122.40	9570.53	1171432.87
12	<b>Hard Shouldering :-</b> 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	sqm	100.00	540.29	54029.00
13	<b>TRAFFIC SIGNS, MARKINGS &amp; OTHER ROAD APPURTENANCES</b> <b>Kilometre Stone:-</b> Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703				
ii	Ordinary Kilometer Stone (Precast)	Each	2.00	3255.28	6510.56
iii	200 m stone (precast)	Each	3.00	881.17	2643.51

*Signature*

*M. V. S. R.*



Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
14	<b>(I) Providing and Fixing 'Logo' of MMGSY Project</b> :- Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All 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 Annexure 1700.1	Each	4.00	11955.46	47821.84
15	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	per cm height per letter	88.00	0.75	66.00
16	<b>Boundry Pillar/ Guard Post</b> Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	No	24.00	793.53	19044.72
17	<b>Retro-reflectorised Traffic Signs</b> :- Providing and fixing of retro-reflectorised 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 Specification Clause 801				
	600 mm equilateral & triangle	Each ✓	7.00 ✓	4488.50	31419.50
	600 mm circular	Each ✓	3.00 ✓	5938.11	17814.33
	600 mm x 450 mm rectangular	Each ✓	2.00	5789.73	11579.46
	900 mm side octagon, OR	Each ✓	1.00	10378.28	10378.28
	900 mm x 300 mm, Hazard Marker	Each ✓	12.00 ✓	4533.03	54396.36

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
18	<b>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface</b> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes	Sqm	115.00	886.46	101942.90
19	<b>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Concrete Surface</b> :- 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	Sqm	40.00	1005.35	40214.00
20	<b>Planting of tree &amp; there maintainance for one Year</b> :- Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	No.	40.25	1288.76	51872.59
21	<b>Cable Duct Across the Road</b> :- 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	Rm	20.00	1043.36	20867.20
	<b>Hume Pipe Culvert</b>				
22	<b>Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104</b>	Cum	29.80	427.09	12727.28
23	<b>Providing M15 (PCC 1:2.5:5) as levelling course in foundation</b> :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	4.60	8247.90	37940.34
24	<b>Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 ( M20 )</b>	Cum	33.74	9351.40	315516.24

*Signature*

*MD. Fuzar Alam*



Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
25	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (1000 mm dia)	RM	7.50	7768.60	58264.50
26	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	20.64	137.83	2844.81
<b>Box Culvert</b>					
27	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	159.81	427.09	68253.25
28	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	11.94	8247.90	98479.93
29	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	Cum	55.10	9023.34	497186.03
30	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	0.24	80140.33	19233.68
<b>Sub Structure</b>					
31	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	Cum	38.86	9351.40	363395.40
32	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	no	54.00	158.40	8553.60
33	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	Cum	19.11	10079.66	192622.30
34	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	mt	1.62	80363.86	130189.45
35	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	49.78	996.40	49600.79

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
36	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	31.94	4829.45	147864.63
	<b>Superstructure</b>				
37	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	7.41	10923.22	80941.06
38	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	mt	0.63	81995.51	51657.17
39	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 ( M20 )	Cum	5.48	9351.40	51245.67
40	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	sqm	37.44	137.83	5160.36
41	Drainage spouts complete as per drawing and technical specifications Clause 1209	no	4.00	711.29	2845.16
42	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	Cum	1.57	19108.34	30000.09
43	Approach slab : Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	<del>Cum</del> MT	14.70	14712.75	216277.43
44	PCC (M15) (Below Approach Slab) : PCC M15 Ordinary grade (1:2.5:5) levelling course below approach slab complete as per drawing and technical specifications clauses 800 and 1211.	<del>Cum</del> RM	4.20	8051.04	33814.37
	<b>Dismanteling</b>				
45	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	Cum	0.76	678.16	515.40
46	Reinforced Cement Concrete	Cum	8.40	1579.10	13264.44

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
47	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)	Cum	49.50	319.41	15810.80
48	<b>Repair of CD Structure</b> <b>Brick Masonry in C.M.(1:3) in parapet :-</b> 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	cum	6.34	7951.29	50411.18
49	<b>PCC M-20 :-</b> Providing PCC M-20 architectural coping on the top of wing wall, return wall etc. complete as per drawing and technical specification Clauses 615, 710 and 1204.3.11	m	26.40	606.91	16022.42
50	<b>Plastering with cement mortar (1:4) :-</b> Plastering with cement mortar (1:4) on brick work in sub-structure as per Technical Specifications	sqm	43.20	271.85	11743.92
				<b>Total =</b>	<b>9229500.08</b>
				GST @ 18%	1661310.01
				Labour cess @ 1 %	92295.00
				Seigniorage Fee @ 10%	117014.28
				<b>Total Construction Cost (A) =</b>	<b>11100119.38</b>
51	1st Year Maintenance cost	Year	1	38677.00	38677.00
52	2nd Year Maintenance cost	Year	1	91689.00	91689.00
53	3rd Year Maintenance cost	Year	1	264936.00	264936.00
54	4th Year Maintenance cost	Year	1	129424.00	129424.00
55	5th Year Maintenance cost	Year	1	294618.00	294618.00
				<b>Total</b>	<b>819344.00</b>
				GST @ 18%	147481.92
				Labour cess @ 1 %	8193.44
				Seigniorage Fee @ 10%	3576.75
				<b>Total Maintenance cost (B) =</b>	<b>978596.11</b>
				<b>Grand Total Cost (A+B)</b>	<b>12078715.49</b>

5/10/23  
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8.0.2. approved for amount Rs 1,20,78,715.00 (Rupees  
one crore twenty lacs seventy eight thousand  
Seven hundred & fifteen) only.

*Sanjay*  
अधीक्षक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, पूर्णियाँ

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07/10/23

810. F-02 Rm



**MUKHYA MANTRI GRAM SAMPARK YOJNA (MMGSY)  
NDB (AWSESH) TRANCHE - I**

**BILL OF QUANTITIES (BOQ) - CONSTRUCTION**

Name of Road :	Near Jagrul's House To Jagrul Tola				
Block :	Amaur	District :	Purnea		
Length :	0.650 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Providing & Fixing of Working benchmark/Reference Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
	Benchmark Pillars 01 nos. per km	No	1.00	5444.75	5444.75
	Reference Pillars 04 nos. per km	No	2.00	2539.05	5078.10
2	<b><u>Clearing and Grubbing Road Land</u></b> 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 ( By Manual Means) In area of non-thorny jungle	Hect.	0.46	75573.34	34763.74
3	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 <b>lead upto 1000 m</b> as per Technical Specification Clause 301.5	Cum	275.74	261.09	71992.96
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 <b>lead upto 100 m</b> as per <u>Technical Specification Clause 301.5</u>	Cum	617.70	177.64	109728.23
5	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	Cum	1742.23	264.63	461046.32

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6	<b>Granular Sub-base with Well Graded Material (Table 400.1) :-</b> Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. <b>(For Grading I Material)</b>	Cum	470.48	4114.45	1935766.44
7	<b>WBM Grading 3 :-</b> Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405	Cum	186.47	5772.58	1076412.99
8	<b>Prime Coat (Low Porosity) :-</b> Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502	Sqm	1912.50	59.55	113889.38
9	<b>Tack Coat:-</b> Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	Sqm	1912.50	20.34	38900.25
10	<b>Mix Seal Surfacing Type B</b> Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	Sqm	1912.50	291.69	557857.13

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
11	<b>Cement Concrete Pavement M30</b> Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification	Cum	91.80	9599.46	881230.43
12	<b>Hard Shouldering</b> :- 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	sqm	75.00	540.29	40521.75
13	<b>TRAFFIC SIGNS, MARKINGS &amp; OTHER ROAD APPURTENANCES</b> <b>Kilometre Stone:-</b> Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703				
ii	Ordinary Kilometer Stone (Precast)	Each	2.00	3262.75	6525.50
iii	200 m stone (precast)	Each	3.00	882.50	2647.50

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
14	<b>(i) Providing and Fixing 'Logo' of MMGSY Project</b> :- Providing and fixing of typical MMGSY informatory sign board with Logo 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 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed 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	Each	4.00	11962.45	47849.80
15	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	per cm height per letter	44.00	0.75	33.00
16	<b>Boundry Pillar/ Guard Post</b> Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	No	8.00	794.14	6353.12
17	<b>Retro-reflectorised Traffic Signs</b> :- Providing and fixing of retro-reflectorised 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 Specification Clause 801				
	600 mm equilateral & triangle	Each	1.00	4491.99	4491.99
	600 mm circular	Each	3.00	5941.61	17824.83
	600 mm x 450 mm rectangular	Each	2.00	5793.22	11586.44
	900 mm side octagon, OR	Each	1.00	10381.77	10381.77
	900 mm x 300 mm, Hazard Marker	Each	4.00	4533.03	18132.12

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*M. P. Singh*



Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
18	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface</u> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes	Sqm	100.00	886.46	88646.00
19	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Concrete Surface</u> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 .The finished surface to be level, uniform and free from streaks and holes	Sqm	30.00	1005.35	30160.50
20	<u>Planting of tree &amp; there maintainance for one Year</u> :- Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	No.	35.00	1288.76	45106.60
21	<u>Cable Duct Across the Road</u> :- 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	Rm	20.00	1049.91	20998.20
	<u>Hume Pipe Culvert</u>				
22	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	29.80	427.09	12727.28
23	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	4.60	8275.64	38067.94
24	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 ( M20 )	Cum	33.74	9380.32	316492.00

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
25	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (1000 mm dia)	RM	7.50	7807.90	58559.25
26	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	20.64	137.83	2844.81
				<b>Total =</b>	<b>6072061.11</b>
				GST @ 18%	<b>1092971.00</b>
				Labour cess @ 1 %	<b>60720.61</b>
				Seigniorage Fee @ 10%	<b>83401.17</b>
				<b>Total Construction Cost (A) =</b>	<b>7309153.89</b>
27	1st Year Maintenance cost	Year	1	30457.00	30457.00
28	2nd Year Maintenance cost	Year	1	76630.00	76630.00
29	3rd Year Maintenance cost	Year	1	219703.00	219703.00
30	4th Year Maintenance cost	Year	1	109218.00	109218.00
31	5th Year Maintenance cost	Year	1	245394.00	245394.00
				<b>Total</b>	<b>681402.00</b>
				GST @ 18%	<b>122652.36</b>
				Labour cess @ 1 %	<b>6814.02</b>
				Seigniorage Fee @ 10%	<b>3085.32</b>
				<b>Total Maintenance cost (B) =</b>	<b>813953.70</b>
				<b>Grand Total Cost (A+B)</b>	<b>8123107.59</b>

B.O. approved for amount Rs 8,12,31,08.00 (Rupees Eighty one lacs twenty three thousand one hundred & eight ) only.

अधीक्षक  
सामग्री कार्य विभाग  
कार्य अंचल, पूर्णिया

07/10/23

रिडिफाई नल



**MUKHYA MANTRI GRAM SAMPARK YOJNA (MMGSY)  
NDB (AWSESH) TRANCHE -I**

BILL OF QUANTITIES (BOQ) - CONSTRUCTION

BILL OF QUANTITIES (BOQ) - CONSTRUCTION

Name of Road :	Primary School Champa Barell To Champa Barell				
Block :	Amaur	District :	Purnea		
Length :	0.935 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Providing & Fixing of Working benchmark/Refrence Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
	Benchmark Pillars 01 nos. per km	No	1.00	5370.28	5370.28
	Refrence Pillars 04 nos. per km	No	3.00	2500.58	7501.74
2	<b><u>Clearing and Grubbing Road Land</u></b> 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 exeeding 150mm in thickness as per technical specification - clause 201.1 and direction of E/I ( By Manual Means) In area of non-thorny jungle	Hect.	0.65	75573.34	49122.67
3	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 <b>lead upto 1000 m</b> as per Technical Specification Clause 301.5	Cum	219.89	261.09	57411.08
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 <b>lead upto 100 m</b> as per <u>Technical Specification Clause 301.5</u>	Cum	703.85	177.64	125031.91
5	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	Cum	2624.06	264.63	694405.00

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
6	<b>Granular Sub-base with Well Graded Material (Table 400.1) :-</b> Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. <b>(For Grading I Material)</b>	Cum	712.60	3887.34	2770118.48
7	<b>WBM Grading 3 :-</b> Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405	Cum	268.23	5491.30	1472931.40
8	<b>Prime Coat (Low Porosity) :-</b> Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502	Sqm	3060.00	59.37	181672.20
9	<b>Tack Coat:-</b> Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	Sqm	3060.00	20.28	62056.80
10	<b>Mix Seal Surfacing Type B</b> Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	Sqm	3060.00	286.04	875282.40

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*per 10/3/16*



Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
11	<b>Cement Concrete Pavement M30</b> Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS.383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification	Cum	82.62	9344.66	772055.81
12	<b>Hard Shouldering :-</b> 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	sqm	67.50	540.29	36469.58
13	<b>TRAFFIC SIGNS, MARKINGS &amp; OTHER ROAD APPURTENANCES</b>				
	<b>Kilometre Stone:-</b> Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703				
ii	Ordinary Kilometer Stone (Precast)	Each	2.00	3197.92	6395.84
iii	200 m stone (precast)	Each	4.00	870.97	3483.88

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
14	<b>(i) Providing and Fixing 'Logo' of MMGSY Project</b> :- Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All 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 Annexure 1700.1	Each	4.00	11901.78	47607.12
15	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	per cm height per letter	88.00	0.75	66.00
16	<b>Boundry Pillar/ Guard Post</b> Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	No	16.00	788.86	12621.76
17	<b>Retro-reflectorised Traffic Signs</b> :- Providing and fixing of retro-reflectorised 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 Specification Clause 1704				
	600 mm equilateral & triangle	Each	3.00	4461.66	13384.98
	600 mm circular	Each	3.00	5911.28	17733.84
	600 mm x 450 mm rectangular	Each	2.00	5762.89	11525.78
	900 mm side octagon, OR	Each	1.00	10351.44	10351.44
	900 mm x 300 mm, Hazard Marker	Each	8.00	4533.03	36264.24

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
18	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface</u> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	Sqm	160.00	886.46	141833.60
19	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Conctete Surface</u> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	Sqm	27.00	1005.35	27144.45
20	<u>Planting of tree &amp; there maintainance for one Year</u> :- Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	No.	48.00	1288.76	61860.48
21	<u>Cable Duct Across the Road</u> :- 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.	Rm	30.00	1032.73	30981.90
<b>Box Culvert</b>					
22	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	223.42	427.09	95420.45
23	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	15.84	8034.90	127272.82
24	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	Cum	66.80	8797.47	587671.00
25	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	3.12	80140.33	250037.8:

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
<b>Sub Structure</b>					
26	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	Cum	32.50	9125.53	296579.73
27	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	no	72.00	158.05	11379.60
28	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	Cum	20.04	9853.79	197469.95
29	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	mt	3.16	80363.86	253949.80
30	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	68.58	996.40	68333.11
31	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	39.64	4419.95	175206.82
<b>Superstructure</b>					
32	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	8.26	10697.36	88360.19
33	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	mt	0.70	81995.51	57396.86
34	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 (M20)	Cum	5.02	9125.53	45810.16

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No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
35	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	sqm	49.58	137.83	6833.61
36	Drainage spouts complete as per drawing and technical specifications Clause 1209	no	8.00	711.29	5690.32
				<b>Total =</b>	<b>9798096.90</b>
				GST @ 18%	1763657.44
				Labour cess @ 1 %	97980.97
				Seigniorage Fee @ 10%	132748.68
				<b>Total Construction Cost (A) =</b>	<b>11792483.99</b>
37	1st Year Maintenance cost	Year	1	44043.00	44043.00
38	2nd Year Maintenance cost	Year	1	108542.00	108542.00
39	3rd Year Maintenance cost	Year	1	318169.00	318169.00
40	4th Year Maintenance cost	Year	1	160007.00	160007.00
41	5th Year Maintenance cost	Year	1	358080.00	358080.00
				<b>Total</b>	<b>988841.00</b>
				GST @ 18%	177991.38
				Labour cess @ 1 %	9888.41
				Seigniorage Fee @ 10%	4827.21
				<b>Total Maintenance cost (B) =</b>	<b>1181548.00</b>
				<b>Grand Total Cost (A+B)</b>	<b>12974031.99</b>

B.O.D. approved for amount Rs 129,74,032.00 (Rupees one crore twenty nine lacs seventy four thousand thirty two) only.

अधीक्षक  
ग्रामीण कार्य विभाग  
कार्य अंचल, पूर्णिया

09/10/23

**MUKHYA MANTRI GRAM SAMPARK YOJNA (MMGSY)  
NDB (AWSSEH) TRANCHE - I**

**BILL OF QUANTITIES (BOQ) - CONSTRUCTION**

Name of Road :	Kohwara To Daveer Tola				
Block :	Amaur	District :	Purnea		
Length :	1.000 km				
Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
1	Providing & Fixing of Working benchmark/Reference Pillars 01 nos. per km & 04 Nos. of reference pillars required for 1 Km. as per drawings given and direction of E/I				
	Benchmark Pillars 01 nos. per km	No	2.00	5382.41	10724.82
	Reference Pillars 04 nos. per km	No	4.00	2497.63	9990.52
2	<u>Clearing and Grubbing Road Land</u> 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 ( By Manual Means) In area of non-thorny jungle	Hect.	0.70	75573.34	52901.34
3	<u>Box Cutting</u> :- Excavation for roadway in soil using manual means for carrying of cut earth to embankment site with a lift upto 1.5 m and lead upto 50 m as per Technical Specification Clause 302.3	Cum	32.81	103.96	3410.93
4	<u>Construction of Embankment with Material Obtained from Roadway Cutting</u> Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet equirement of Tables 300.1 and 300.2 as per Technical Specification Clause 301.5.	Cum	19.69	63.01	1240.67
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	Cum	329.14	261.09	85935.16
6	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	Cum	910.81	177.64	161796.29

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
7	Construction of subgrade and earthen shoulders with approved material obtained from borrow pits with all lifts and leads, transporting to site, spreading, grading to required slope and compacted to meet requirement of Table 300.2 with lead upto 1000 m & 100 m as per Technical Specification Clause 303.1. (Including Royalty & Labour Cess).	Cum	2339.55	264.63	619115.12
8	<b>Granular Sub-base with Well Graded Material (Table 400.1) :-</b> Construction of granular sub-base by providing well graded material, spreading in uniform layers with tractor mounted grader arrangement on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with smooth wheel roller to achieve the desired density, complete as per Technical Specification Clause 401. <b>(For Grading I Material)</b>	Cum	594.41	3934.19	2338521.88
9	<b>WBM Grading 3 :-</b> Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specification including spreading in uniform thickness, hand packing, rolling with smooth wheel roller 80-100 kN in stages to proper grade and camber, applying and brooming, stone screening to fill-up the interstices of coarse aggregate, watering and compacting to the required density Grading 3 as per Technical Specification Clause 405	Cum	229.50	5603.82	1286076.69
10	<b>Prime Coat (Low Porosity) :-</b> Providing and applying primer coat with bitumen emulsion (SS-1) on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.70-1.0kg/sqm using mechanical means as per Technical Specification Clause 502	Sqm	2486.25	59.39	147658.39
11	<b>Tack Coat:-</b> Providing and applying tack coat with Bitumen emulsion (RS-1) using emulsion distributor at the rate of 0.25-0.30kg per sqm on the prepared granular surfaces treated with primer & cleaned with Hydraulic broom as per Technical Specification Clause 503.	Sqm	2486.25	20.29	50446.01
12	<b>Mix Seal Surfacing Type B</b> Providing, laying and rolling of close-graded premix surfacing material of 20 mm thickness composed of 11.2 mm to 0.9 mm (Type-A) or 13.2 mm to 0.9 mm (Type-B) aggregates using penetration grade bitumen to required line, grade and level to serve as wearing course on a previously prepared base, including mixing in a suitable plant, laying and rolling with a three wheel 8-10 kN static roller and finishing to required level and grades as per Technical Specification Clause 509	Sqm	2486.25	288.17	716462.66

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
13	<b>Cement Concrete Pavement M30</b> Construction of un-reinforced, plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/culvert and construction joints, admixtures as approved, curing of concrete slabs for 14-days, using curing compound (where specified) and water finishing to lines and grade as per drawing and Technical Specification	Cum	214.20	9391.59	2011678.58
14	<b>Hard Shouldering :-</b> 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	sqm	175.00	540.29	94550.75
15	<b>TRAFFIC SIGNS, MARKINGS &amp; OTHER ROAD APPURTENANCES</b> <b>Kilometre Stone:-</b> Reinforced cement concrete M15 grade kilometre stone/local stone of standard design as per IRC:8 fixing in position including painting and printing, etc as per drawing and Technical Specification Clause 1703				
ii	Ordinary Kilometer Stone (Precast)	Each	2.00	3208.06	6416.12
iii	200 m stone (precast)	Each	4.00	872.78	3491.12

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
16	<b>(I) Providing and Fixing 'Logo' of MMGSY Project</b> :- Providing and fixing of typical MMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6 mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2 nos. 75mm x 75 mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel plate tube. All 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 Annexure 1700.1	Each	4.00	11911.27	47645.08
17	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	per cm height per letter	88.00	0.75	66.00
18	<b>Boundry Pillar/ Guard Post</b> Reinforced cement concrete M15 grade boundary pillars/local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and Technical Specification Clause 1704	No	16.00	789.68	12634.88
19	<b>Retro-reflectorised Traffic Signs</b> :- Providing and fixing of retro-reflectorised 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 Specification Clause 801				
	600 mm equilateral & triangle	Each	9.00	4466.40	40197.60
	600 mm circular	Each	3.00	5916.02	17748.06
	600 mm x 450 mm rectangular	Each	2.00	5767.63	11535.26
	900 mm side octagon, OR	Each	1.00	10356.18	10356.18
	900 mm x 300 mm, Hazard Marker	Each	8.00	4533.03	36264.24

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
20	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface</u> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	Sqm	130.00	886.46	115239.80
21	<u>Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Concrete Surface</u> :- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes.	Sqm	70.00	1005.35	70374.50
22	<u>Planting of tree &amp; there maintainance for one Year</u> :- Planting of tree by the road side (Avenue Tree) in 0.6 m dia holes, 1 m deep dug in the Ground, Mixing the soil with decayed farm yard/ slug manure, planting the saplings back filling the trench, watering, fixing the tree guard & maintain the Plant for One Year.	No.	45.50	1288.76	58638.58
23	<u>Cable Duct Across the Road</u> :- 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.	Rm	20.00	1036.58	20731.60
24	<u>Hume Pipe Culvert</u> Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	29.80	427.09	12727.28
25	Providing M15 (PCC 1:2.5:5) as levelling course in foundation :- Providing PCC M 15 (1:2.5:5) concrete for plain concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203	Cum	4.60	8072.54	37133.68
26	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 ( M20 )	Cum	33.74	9172.46	309478.80

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
27	Providing and laying RCC pipe NP-3 for culverts on first class bedding of PCC M10 material in single row including fixing collar with cement mortar 1:2 but excluding excavation, protection works, backfilling concrete and masonry works in head walls and parapets as per clause 1106 (1000 mm dia)	RM	7.50	7728.14	57961.05
28	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	Sqm	20.64	137.83	2844.81
<b>Box Culvert</b>					
29	Earth work in excavation for foundation of structures upto 3.0 m depth as per drawing and technical specification clause 1104	Cum	159.81	427.09	68253.25
30	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-15 Grade	Cum	11.94	8072.54	96386.13
31	Providing concrete for plain/reinforced concrete in open foundations complete as per drawings and technical specifications Clause 802, 803, 1202 & 1203 PCC M-20 Grade	Cum	55.10	8844.39	487325.89
32	Supplying, fitting and placing HYSD bar reinforcement in foundation complete as per drawings and technical specifications Clauses 1000 and 1202	MT	2.57	80140.33	205960.65
<b>Sub Structure</b>					
33	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 PCC M-20 Grade	Cum	38.86	9172.46	356441.80
34	Providing weepholes in brick masonry/stone masonry, plain/reinforced concrete abutment, wing wall, return wall with 100 mm dia AC pipe extending through the full width of the structures with slope of 1(V):20(H) towards drawing face complete as per drawing and technical specification Clauses 614, 709, 1204.3.7	no	54.00	157.93	8528.22
35	Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 RCC M-25 Grade	Cum	19.11	9900.71	189202.57
36	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in substructure complete as per drawings and technical specification Clauses 1002, 1005, 1010 & 1202	mt	3.37	80363.86	270826.21
37	Backfilling behind abutment, wing wall and return wall complete as per drawings & technical specification Clause 1204.3.8 (With Sandy Materials)	Cum	49.78	996.40	49600.79

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
38	Providing and laying filter media with granular crushed aggregates as per specification to a thickness of not less than 600 mm with smaller size towards the soil and bigger size towards the wall and providing over the entire surface behind abutment, wing wall, return wall to the full height, compacted to firm condition complete as per drawing and technical specification Clause 1204.3.8	Cum	31.94	4513.07	144147.46
	<b>Superstructure</b>				
39	Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	Cum	7.41	10744.28	79615.11
40	Supplying, fitting, and placing HYSD bar reinforcement in superstructure complete as per drawing and technical specifications Clauses 1002, 1010 and 1202	mt	0.63	81995.51	51657.17
41	Parapet Construction Plain/reinforced cement concrete in substructure complete as per drawings and technical specification Clauses 802, 804, 805, 806, 807, 1202 and 1204 ( M20 )	Cum	5.48	9172.46	50265.08
42	Painting on Parapet Wall (Black & White Strips) Painting two coats including primer coat after filling the surface with synthetic enamel paint in all shades on new, plastered / concrete surfaces as per drawing and Technical Specification Clause 1701	sqm	37.44	137.83	5160.36
43	Drainage spouts complete as per drawing and technical specifications Clause 1209	no	4.00	711.29	2845.16
44	Providing and laying cement concrete wearing course M 30 grade including reinforcement complete as per drawing and technical specifications Clauses 800 and 1206.3	Cum	1.57	18929.40	29719.16
45	Approach slab : Providing and laying reinforced cement concrete in superstructure as per drawing and technical specifications Clauses 800, 1205.4 and 1205.5 RCC M-30 Grade	<del>Cum</del> -MT	14.70	14533.81	213647.01
46	PCC (M15) (Below Approach Slab) : PCC M15 Ordinary grade (1:2.5:5 ) levelling course below approach slab complete as per drawing and technical specifications clauses 800 and 1211.	<del>Cum</del> -RM	4.20	7875.68	33077.86
	<b>Dismanteling</b>				
47	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	Cum	0.90	678.16	610.34
48	Reinforced Cement Concrete	Cum	10.08	1579.10	15917.33

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Sl. No.	Description of Items	Unit	Qty.	Rate (Rs.)	Amount (Rs.)
49	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)	Cum	49.50	319.41	15810.80
				<b>Total =</b>	<b>10836992.77</b>
				GST @ 18%	<b>1950658.70</b>
				Labour cess @ 1 %	<b>108369.93</b>
				Seigniorage Fee @ 10%	<b>135354.70</b>
				<b>Total Construction Cost (A) =</b>	<b>13031376.10</b>
50	1st Year Maintenance cost	Year	1	42321.00	42321.00
51	2nd Year Maintenance cost	Year	1	102715.00	102715.00
52	3rd Year Maintenance cost	Year	1	322563.00	322563.00
53	4th Year Maintenance cost	Year	1	145549.00	145549.00
54	5th Year Maintenance cost	Year	1	356663.00	356663.00
				<b>Total</b>	<b>969811.00</b>
				GST @ 18%	<b>174565.98</b>
				Labour cess @ 1 %	<b>9698.11</b>
				Seigniorage Fee @ 10%	<b>4172.27</b>
				<b>Total Maintenance cost (B) =</b>	<b>1158247.36</b>
				<b>Grand Total Cost (A+B)</b>	<b>14189623.46</b>

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5/10/23  
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B.O.G. approved for amount Rs 1,41,89,623.00 (Rupees one crore forty one lac eighty nine thousand six hundred & twenty three) only.

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9/10  
अधीक्षक अभियंता  
ग्रामीण कार्य विभाग  
कार्य अंचल, पूर्णिया

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M. P. Singh

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09/10/23

**ANNEXURE - "B"**  
**GOVERNMENT OF BIHAR**  
**RURAL WORKS DEPARTMENT**  
**CERTIFICATE OF REGISTRATION**

Old Registration	New Registration
Registration No :- NA	Registration No : 1190612
Class :- NA	Class : Class 1



Md Firoz Alam

Chamua, Mahthour, Thana - Dagarua, Purnea Pincode: 854326

Is hereby registered in Class 1 for the period from date 15-Nov-2019 to 14-Nov-2024 As Contractor of Rural Works Department.

15-11-2019 12:11:00

Signature Of Applicant

*Md. Firoz Alam*

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Signed, Need no Signature

*Md. Firoz Alam*

*Md. Firoz Alam*