

ಕಾವೇರಿ ನೀರಾವರಿ ನಿಗಮ ನಿಯಮಿತ

(ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಒಂದು ಉದ್ಯಮ)

ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್‌ರವರ ಕಛೇರಿ,
ಹೇಮಾವತಿ ಬಲದಂಡೆ ನಾಲಾ ವಿಭಾಗ,
ಹೊಳೆನರಸೀಪುರ - 573211,
ಹಾಸನ ಜಿಲ್ಲೆ



ದೂರ ವಾಣಿ : 08175-273238
ಪ್ಯಾಕ್ಸ್ : 08175-273403

ಕೆಲಸದ ಆದೇಶ ಸಂಖ್ಯೆ: 131 / 2018-19 / ದಿನಾಂಕ: 25.02.2019

ಇವರಿಗೆ

M/s ADU INFRA-Ocean
Construction (INDIA) Pvt., Ltd., (Joint Venture)
No. 22, KHB Colony, Sholapur Road,
Vijayapura-586101,
Karnataka State.

ಮಾನ್ಯರೇ,

ಕೆಲಸದ ಹೆಸರು:- "SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL 160 TANKS AND 10 KATTES OF DUDDA AND SHANTHIGRAMA HOBLI OF HASSAN TALUK FOR DRINKING PURPOSE. (SCHEME TO LIFT WATER FROM HEAMVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL DRY TANKS IN DUDDA HOBLI AND SHANTHIGRAMA HOBLI OF HASSAN TALUK AND HALEKOTE HOBLI OF HOLENARASIPURA TALUK IN HASSAN DISTRICT)" (Indent No. 24757).

ಉಲ್ಲೇಖ:- ನಿಮ್ಮ ಟೆಂಡರ್ ದಿನಾಂಕ: 12.11.2018

ಮೇಲ್ಕಾಣಿಸಿದ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸುವ ಸಲುವಾಗಿ ದಿನಾಂಕ: 12.11.2018 ರಂದು ನೀವು ಹಾಕಿದ ಟೆಂಡರ್‌ಗೆ ಒಪ್ಪಿಗೆಯನ್ನು ವ್ಯವಸ್ಥಾಪಕ ನಿರ್ದೇಶಕರು, ಕಾವೇರಿ ನೀರಾವರಿ ನಿಗಮ, ಬೆಂಗಳೂರು ಇವರ ಕಛೇರಿ ಪತ್ರ ಸಂಖ್ಯೆ: ಕಾ.ನೀ.ನಿ.ನಿ./ತಾಂತ್ರಿಕ-4/ಹೆಚ್.ಆರ್.ಬಿ.ಸಿ/960 ವಾಲ್ಯೂಮ್-2/2018-19/4052 ದಿನಾಂಕ 16.02.2019 ರನ್ವಯ ಅನುಮೋದನೆ ನೀಡಿರುತ್ತಾರೆ. ಆದ್ದರಿಂದ ನೀವು ಸದರಿ ಕಾಮಗಾರಿಯನ್ನು ಟೆಂಡರ್ ಕರಾರಿನ ಮುಜ್ಜಳಕೆಯಲ್ಲಿ ನಿಗದಿಪಡಿಸಿದ ನಿಯಮಗಳ ಪ್ರಕಾರ ಕೂಡಲೇ ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್, ನಂ. 3 ಹೇಮಾವತಿ ಬಲದಂಡೆ ನಾಲಾ ಉಪವಿಭಾಗ, ಹೊಳೆನರಸೀಪುರ, ಇವರನ್ನು ಸಂಪರ್ಕಿಸಿ ಕಾಮಗಾರಿಯ ಸ್ಥಳವನ್ನು ಹಸ್ತಾಂತರಿಸಿಕೊಂಡು ನಿಗದಿಪಡಿಸಿದ ಅವಧಿಯೊಳಗೆ ಅಂದರೆ ಕಾಮಗಾರಿ ಸ್ಥಳವನ್ನು ಹಸ್ತಾಂತರಿಸಿಕೊಂಡ ದಿನದಿಂದ 24 ತಿಂಗಳೊಳಗೆ ಟೆಂಡರ್ ಕರಾರಿನ ಅನ್ವಯ ಇಲಾಖಾಧಿಕಾರಿಗಳ ಸೂಕ್ತ ನಿರ್ದೇಶನಗಳಂತೆ ಕಾಮಗಾರಿಯನ್ನು ನಿರ್ವಹಿಸಿ ಪೂರ್ಣಗೊಳಿಸಿ ಇಲಾಖೆಗೆ ಸುಸ್ಥಿತಿಯಲ್ಲಿ ಹಿಂತಿರುಗಿಸತಕ್ಕದ್ದು.

1. ಮಾಸಿಕ ಪ್ರಗತಿ : ಟೆಂಡರ್ ಕರಾರಿನ ನಿಯಮ 2ರ ಪ್ರಕಾರ.
2. ಒಪ್ಪಿಗೆಯ ದರ : ಅಗ್ರಿಮೆಂಟ್ ಪ್ರಕಾರ.
3. ಕೆಲಸ ಪೂರೈಸಲು ಅವಧಿ : 24 (ಇಪ್ಪತ್ತ ನಾಲ್ಕು) ತಿಂಗಳು ಮಳೆಗಾಲದ ಅವಧಿ ಸೇರಿ.

ಸಹಿ/-

ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್,
ಕಾನಿನೀ, ಹೇ.ಬ.ದ.ನಾ. ವಿಭಾಗ,
ಹೊಳೆನರಸೀಪುರ.

ಸಂಖ್ಯೆ: ಹೇಬನಾವಿ/ಯೋಶಾ/ಕೆಲಸದ ಆದೇಶ/2018-19 617 ದಿನಾಂಕ: 18/2/2019
ಪ್ರತಿಯನ್ನು ಕೆಳಕಂಡವರಿಗೆ ಮುಂದಿನ ಕ್ರಮಕ್ಕಾಗಿ ಕಳುಹಿಸಿದೆ.

1. ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್, ನಂ. 3 ಹೇಮಾವತಿ ಬಲದಂಡೆ ನಾಲಾ ಉಪವಿಭಾಗ, ಹೊಳೆನರಸೀಪುರ, ಇವರ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಮೇಲ್ಕಂಡ ಗುತ್ತಿಗೆದಾರರಿಗೆ ಕಾಮಗಾರಿಯ ಸ್ಥಳವನ್ನು ಗುತ್ತಿಗೆದಾರರಿಗೆ ಹಸ್ತಾಂತರಿಸಿ ಮಾರ್ಕ್‌ಬೆಟ್ ಕೊಟ್ಟು ಈ ಕಛೇರಿಗೆ ವರದಿ ಸಲ್ಲಿಸಲು ಸೂಚಿಸಿದೆ.
2. ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್, ಗುಣ ನಿಯಂತ್ರಣ ವಿಭಾಗ, ಗೊರೂರು, ಇವರ ಮಾಹಿತಿಗಾಗಿ.
3. ಮೂಲ ಟೆಂಡರ್ ಪುಸ್ತಕದೊಂದಿಗೆ ವಿಭಾಗ ಕಛೇರಿಯ ಲೆಕ್ಕ ಶಾಖೆಗೆ ಮಾಹಿತಿಗಾಗಿ ಹಾಗೂ ಸೂಕ್ತ ಕ್ರಮಕ್ಕಾಗಿ.
4. ಕಡತಕ್ಕೆ/ಹೆಚ್ಚಿನ ಪ್ರತಿ.

ಕಾರ್ಯಪಾಲಕ ಇಂಜಿನಿಯರ್,
ಕಾನಿನೀ, ಹೇ.ಬ.ದ.ನಾ. ವಿಭಾಗ,
ಹೊಳೆನರಸೀಪುರ



सत्यमेव जयते

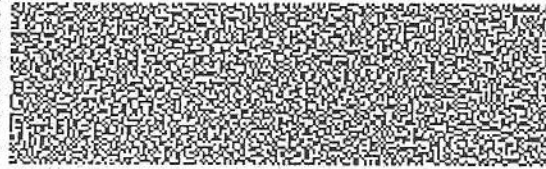
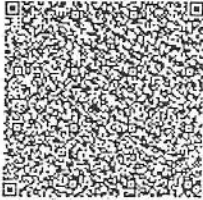
INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA54680132243071R
 Certificate Issued Date : 18-Feb-2019 04:21 PM
 Account Reference : SHCIL (FI)/ ka-shcil/ MALLESHWARAM1/ KA-BA
 Unique Doc. Reference : SUBIN-KAKA-SHCIL42026104427807R
 Purchased by : ADU INFRA OCIPL JV
 Description of Document : Article 12 Bond
 Description : AGREEMENT
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : ADU INFRA OCIPL JV
 Second Party : EXECUTIVE ENGINEER CNNL HRBC DIV HOLENARASIPURA
 Stamp Duty Paid By : ADU INFRA OCIPL JV
 Stamp Duty Amount(Rs.) : 3,60,000
 (Three Lakh Sixty Thousand only)

Authorised Signatory
 for Stock Holding Corporation of India Ltd.



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-1-

TENDER AGREEMENT No. 131 / 2018-19 DATED: 25.02.2019

We M/s ADU INFRA-Ocean Construction (INDIA) Pvt., Ltd., (Joint Venture) Class-I Contractor, Reg. No. 011, No. 22, KHB Colony, Sholapur Road, Vijayapura-586101, Karnataka State do hereby tender for the execution, for the Managing Director, CNNL (herein before and hereinafter referred to as Nigam) of the work specified in the under mentioned Memorandum at Percentage quoted at **9.00% (Nine point zero zero percent)** Above the updated cost of Rs. 329.66 crores (Memorandum showing items of works to be carried out) and in accordance in all respects with specifications, designs, drawings and instructions in writing referred to in **Clause – 12** of the annexed conditions of contract and agree that when materials for the work are provided by the Nigam such materials and the rates to be paid for them shall be as provided in Schedule-A hereto.

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website is void.
2. The onus of checking the legitimacy on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority

2.....

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Agreement

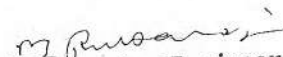
This agreement, made the 25th day of February 2019 Between Executive Engineer, Hemavathy Right Bank Canal Division Holenarasipura for the Managing Director, CNL [name and address of Employer] (hereinafter called "the Employer") of the one part and M/s ADU INFRA-Ocean Construction (INDIA) Pvt., Ltd., (Joint Venture) Class-I Contractor, Reg. No. 011, No. 22, KHB Colony, Sholapur Road, Vijayapura-586101, Karnataka State. [name and address of contractor] (hereinafter called "the Contractor") of the other part.

Whereas the Employer is desirous that the Contractor execute the "SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL 160 TANKS AND 10 KATTES OF DUDDA AND SHANTHIGRAMA HOBLI OF HASSAN TALUK FOR DRINKING PURPOSE. (SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL DRY TANKS IN DUDDA HOBLI AND SHANTHIGRAMA HOBLI OF HASSAN TALUK AND HALEKOTE HOBLI OF HOLENARASIPURA TALUK IN HASSAN DISTRICT)" (Indent No. 24757). [Name and identification number of Contract] (here in after called "the Works") and the Employer has accepted the Tender by the Contractor for the execution and completion of such Works and the remedying of any defects therein at a contract price of Rupees 3593300000.00 (Rupees Three hundred fifty nine crores and thirty three lakhs only). 398,89,00,000.00

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer 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) Power of attorney
 - ii) Letter of Acceptance;
 - iii) Notice to proceed with the works;
 - iv) Executive order of Managing Director Cauvery Neeravary Nigam Niyamitha vide T.O. letter no. CNL/TECH-04/HRBC - 960/Vol-2/2018-19 /4052 Dated 16.02.2019.
 - v) Contractor's Tender;
 - vi) Contract Data;
 - vii) Conditions of contract (including Special Conditions of Contract);
 - viii) Specifications;
 - ix) Drawings;
 - x) Bill of Quantities; and
 - xi) Any other document listed in the Contract Data as forming part of the contract.
 - xii) Revised Schedule 'B'
 - xiii) Program for execution of work mutually agreed upon.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.


Executive Engineer,
CNL HRBC, Division,



सत्यमेव जयते

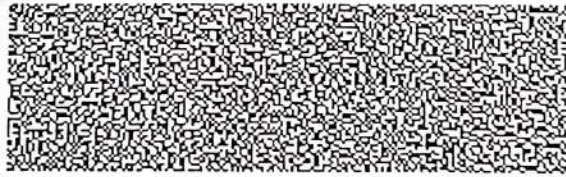
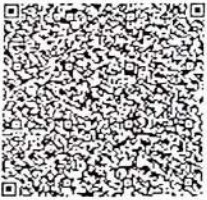
INDIA NON JUDICIAL

Government of Karnataka

e-Stamp

Certificate No. : IN-KA74326401298680R
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 Account Reference : NONACC (FI)/ kaksfcl08/ BIJAPUR16/ KA-BJ
 Unique Doc. Reference : SUBIN-KAKAKSFCL0872920544685545R
 Purchased by : ADU INFRA
 Description of Document : Article 12 Bond
 Description : BANK GUARANTEE
 Consideration Price (Rs.) : 0
 (Zero)
 First Party : ADU INFRA
 Second Party : KARNATAKA BANK LTD VIJAYAPUR
 Stamp Duty Paid By : ADU INFRA
 Stamp Duty Amount(Rs.) : 100
 (One Hundred only)


 Authorized Signatory
 Siddhasiri Souharda
 Sahakari Ltd, VIJAYAPUR



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BANK GUARANTEE FOR FURTHER SECURITY DEPOSIT

The Executive Engineer
 Cauvery Neeravari Nigam Ltd.,(CNNL)
 HRBC Division,
 HOLENARASIPURA

BG No. : 19077 BG 000381
 DATE : 17-08-2019.
 DUE DATE : 16-08-2021.

For THE KARNATAKA BANK LTD.

For KARNATAKA BANK LTD.

Whereas M/s. ADU Infra, Class-1 PWD Contractor, R/o. Vijayapur (hereinafter called "the Contractor") has undertaken, in pursuance of the tender work of "SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL 160 TANKS AND 10 KATTES OF DUDDA AND SHANTHIGRAMA HOBLI OF HASSAN TALUK FOR DRINKING PURPOSE."

1. AND WHEREAS it has been stipulated by you in the contract that the contractor shall furnish you a **FURTHER SECURITY DEPOSIT (FSD)** by way of Bank Guarantee of any nationalized / scheduled bank payable at any branch for the sum of specified therein as Security for compliance with his obligations in accordance with Contract Agreement for the above mentioned contract service.
2. And whereas, we the **Karnataka Bank Ltd., No.964, Patil Complex, S.S.Front Road, Vijayapura-586101** have agreed to give the contractor such a Bank Guarantee.
3. We the **Karnataka Bank Ltd., No.964, Patil Complex, S.S.Front Road, Vijayapura-586101** do hereby undertake to pay the amounts due and payable under this guarantee without any demur merely on a demand from the CNNL stating that the amount claimed is required to meet the recoveries due or likely to be due from the said contractor. Any such demand made on the bank shall be conclusive as regards the amount due and payable by bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding **Rs.19,95,00,000/- (Rupees Nineteen Crores Ninety-five lakhs only)**.
4. We undertake to pay to the CNNL any money so demanded not withstanding any dispute or disputes raised by the Contractor in any suit or proceeding pending.
5. Before any court or tribunal relating thereto, our liability under this present being absolute and unequivocal.
6. The payments made by us under this bond shall be valid discharge off our liability for payment there under and the contractor shall have no claim against us for making such payment.
7. We the **Karnataka Bank Ltd., No.964, Patil Complex, S.S.Front Road, Vijayapura-586101** further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract Agreement and that it shall continue to be enforceable till all the dues for the CNNL under or by virtue of the said Contract Agreement have been fully paid and its claims satisfied or discharged or till conditions of the said Contract Agreement have been fully and properly carried out by the said Contractor and accordingly discharges this guarantee.

Contd...

For THE KARNATAKA BANK LTD.


Officer/Manager, Vijayapur-077
MAHANTESH SHETTAR
A.B.M. P.A.No: 2907.

For KARNATAKA BANK LTD.


SENIOR BRANCH MANAGER
VIJAYAPUR. 077.
Sanjay Gundale
Sl. No 6971 P.A. No 3305

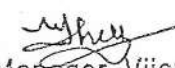
8. We, the Karnataka Bank Ltd., No.964, Patil Complex, S.S.Front Road, Vijayapura-586101 further, agree with the CNNL that the CNNL shall have the fullest liberty without our consent and without affecting in any manner our obligations here under to vary any of the terms and conditions of the said Contract Agreement or to extend time of performance by the said Contractor from time to time or to postpone for any time or from time to time any of the powers exercisable by the CNNL against the said contractor and to forbear or enforce any of the terms and conditions relating to the said Contract agreement and we shall not be relieved from our liability by reasons of any such variation, or extension being granted to the said contractor or for any forbearance, act or omission on the part of the CNNL, to the said contractor or by such matter or thing whatsoever which under the law relating to sureties would, but for this provision, have effect of so relieving us.
9. This Guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.
10. We, the Karnataka Bank Ltd., No.964, Patil Complex, S.S.Front Road, Vijayapura-586101 lastly undertake not to revoke this guarantee except with the previous consent of the CNNL in writing.
11. Now withstanding anything contained herein:
- a) Our liability under this Bank Guarantee shall not exceed Rs.19,95,00,000/- (Rupees Nineteen Crores Ninety-five Lakhs Only)
 - b) This Bank Guarantee shall be valid up to 16-08-2021.
 - c) We are liable to pay the Guarantee amount or any part thereof under this Bank Guarantee only and only if you serve upon us written claims or demands on or before 16-08-2021.
 - d) The confirmation of bank guarantee may be obtained from The Karnataka Bank Ltd, Head office Pumpwell Mangaluru-575002

"This Bank Guarantee shall be operative only on Karnataka Bank Ltd (Vijayapur) sending a separate advice to SBI Bank, Holenarasipura Branch (IFSC -SBIN 0040047) through Structured Financing Messaging System (SFMS). The letter of advice of SFMS issued by the Advising Bank shall form a part of this Guarantee.

Dated The 17th day of August 2019

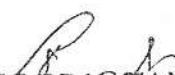
For KARNATAKA BANK LTD.

For THE KARNATAKA BANK LTD.


Officer/Manager, Vijayapur-077

MAHANTESH SHETTAR
A.B.M. P.A.No: 2907.

For KARNATAKA BANK LTD.


SENIOR BRANCH MANAGER
VIJAYAPUR. 077.

Sanjay Gundale
St No 6971 P.A. No. 3305

ಈ ದಸ್ತಾವೇಜು ಹಾಳೆಯನ್ನು ಸಂಪದ ಉಪಯೋಗವನ್ನು
ಸಂಖ್ಯೆ 5(9) ರ ಪ್ರಕಾರ ಮುದ್ರಿಸಲಾಗಿದೆ

ಕರ್ನಾಟಕ ರಾಜ್ಯ ನೋಂದಣಿ ಮತ್ತು ಮುದ್ರಾಂಕ ಇಲಾಖೆ
ನೌಕರರ ವಿವಿಧೋದ್ದೇಶ ಸಹಕಾರ ಸಂಘ ನಿಯಮಿತ

ದಸ್ತಾವೇಜು ಹಾಳೆ
Document Sheet



The Karnataka State Registration and Stamps Department
Official's Multipurpose Co-Operative Society Ltd.

ಈ ಹಾಳೆಯನ್ನು ಯಾವುದೇ ದಸ್ತಾವೇಜಿಗೆ ಉಪಯೋಗಿಸಬಹುದು
This sheet can be used for any document

ಬೆಲೆ : ರೂ. 2/-
(GST EXTRA)

-3-

MEMORANDUM

Name of work :- "SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL 160 TANKS AND 10 KATTES OF DUDDA AND SHANTHIGRAMA HOBLI OF HASSAN TALUK FOR DRINKING PURPOSE. (SCHEME TO LIFT WATER FROM HEAMVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL DRY TANKS IN DUDDA HOBLI AND SHANTHIGRAMA HOBLI OF HASSAN TALUK AND HALEKOTE HOBLI OF HOLENARASIPURA TALUK IN HASSAN DISTRICT)" (Indent No. 24757).

- | | | |
|---|--|---|
| a) Estimated Cost | : | Rs. 3339000000.00 |
| b) Amount put to tender | : | Rs. 3018400000.00 |
| c) As per C.S.R. Amount (without GST) | : | Rs. 3296600000.00 |
| d) Tender Amount | : | Rs. 3593300000.00 |
| e) Tender Amount including GST | : | Rs. 3988900000.00 |
| f) EMD amount paid through e-procurement (Not less the amount of earnest money vide (C) above) | : | Rs. 30184000.00 |
| g) Additional performance guarantee (Additional EMD) : | Furnished in the form of bank guarantee for Rs. 5900000.00 from Karnataka Bank Ltd., Vijayapura vide BG No. 19077BG000107 Dated: 25.02.2019. | |
| h) Security Deposit to be deducted from the current bills at the rate not less than 5% or the agreement amount. | : | Furnished in the form of bank guarantee for Rs. 19,95,00,000/- from Karnataka Bank Ltd., Vijayapura vide BG No. 19077BG000381, Dated: 17.08.2019. |

- i) Time allowed for the work from the date of issue of written order to commence including the monsoon period : **Twenty four (24) Months.**

Should this tender be accepted, I hereby agree to abide by and fulfill all the terms and provisions of the conditions of contract and the additional conditions of contract annexed here to and all the terms and provisions contained in notice inviting Tenders so as applicable, and in default there of to forfeit and pay to Nigam the sum of money mentioned in the said conditions.

Signature of the Contractor.

Address:

M/s ADU INFRA-Ocean
Construction (INDIA) Pvt., Ltd., (Joint Venture)
No. 22, KHB Colony, Sholapur Road,
Vijayapura-586101,
Karnataka State.

DATED 25th DAY OF February 2019

Signature of Witness to
Contractor's Signature:

Witness:

The above tender is hereby accepted by me on behalf of the Managing Director,
Cauvery Neeravari Nigama Limited and assigned as Agreement No. _____


**Executive Engineer,
CNNL, HRBC, Division,
Holenarasipura.**

Order Number :- CNNL/2018-19/LIA/WORK INDENT24757

ender Number :- C>NNL/2018-19/LI/WORK INDENT/24757

ender Name:- SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL 160 TANKS AND 10 TANKS IN HASSAN DISTRICT. (SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL DRY TANKS IN DUDDA HOBLI AND SHANTHIGRAMA HOBLI OF HASSAN TALUK AND HALEKOTE TALUK IN HASSAN DISTRICT).

Sl. No.	Estimate Quantity	Item Name	Unit	Estimate Rate	Quoted Rate	Total Amount
1	1.00	Part-A : TURN KEY :- Survey, Investigation, Planning and Design with drawings for all components of the scheme for both Part-A & Part-B , Supply, Installation, Testing and Commissioning of the " SCHEME TO LIFT WATER FROM HEMAVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL 160 TANKS AND 10 KATTES OF DUDDA AND SHANTHIGRAMA HOBLI OF HASSAN TALUK FOR DRINKING PURPOSE. (SCHEME TO LIFT WATER FROM HEAMVATHY RIVER NEAR MAVINAKERE VILLAGE OF HOLENARASIPURA TALUK TO FILL DRY TANKS IN DUDDA HOBLI AND SHANTHIGRAMA HOBLI OF HASSAN TALUK AND HALEKOTE HOBLI OF HOLENARASIPURA TALUK IN HASSAN DISTRICT). " with a discharge of 88 cusecs to a height of 94.20 m in first stage and 87 cusecs to a height of 87.24 m in second stage consisting of the Components such as Providing M.S. Rising Main in single row of required dia meter thickness and gravity mains network of MS pipe and HDPE including necessary, Shifting of water supply, power and Telephone lines where ever necessary and civil works, etc., Earthwork Excavation in all Classifications to the required depth, Construction of Anchor Blocks & Thrust Blocks for rising main and gravity main Encasing of The Pipes in Road / Halla Crossings, providing RCC supports to rising main and for gravity main as per necessity, Providing Suitable Dismantling Joints, Vent Pipes, Bleeders, Conducting Surge Analysis and Providing Suitable Surge Protection System, Conducting Sump Model Analysis, Providing & fixing all types of necessary Valves of Suitable Capacity with valve chambers for rising main and gravity main Providing and Erecting suction and Delivery pipes, Manifold, etc., with Suitable Foundations, Providing, Erecting & Commissioning of Suitable capacity of vertical Turbine Pumps and Motors for 1st and 2nd Stage with suitable suction and delivery system, Providing outdoor substation including providing transformers / Auxiliary transformer, Express feeder line and Towers for line along with terminal bay at KPTCL sub station, Hangarahalli for 1st stage & Malali for 2nd stage along with electrical Inspectorate super vision charges, providing chain link fencing to out door substation and transformers, Providing & Fixing EOT Cranes of Suitable Capacity, arranging power supply to pump house control room with necessary control cables, HT panels, soft starters, capacitor bank, breakers and allied components as per KPTCL/ CESC Norms and Other Connected Electrical & Electro-Mechanical Works, complete Supply of Spare Parts, Tools and plants to scheme and Technical Man Power for Operating and Maintaining the Scheme for a Period of 3 Years after Successful Commissioning of the Scheme as per the detailed scope of work on TURN KEY BASIS.	Unit	2902424750.00	3455326824.37	3455326824.37
2	3057.14	Part "B" : ITEM RATE: Excavation in all kinds of soil including boulders up to 0.6 m diameter(0.113Cum) and placing excavated stuff neatly in specified dump area or disposing off the same as directed for approach channel / foundation of jack-well/pump house / delivery chamber and appurtenant structures including cost of all materials, machinery, labour, working in wet and watery site condition(excluding dewatering) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	96.72	115.10	351867.03
3	2031.26	Excavation in soft rock without blasting including boulders up to 0.6 m diameter(0.113Cum) and placing excavated stuff neatly as directed for approach channel./ foundation of jack-well/pump house / delivery chamber and appurtenant structures including cost of all materials, machinery, labour, working in wet and watery site condition(excluding dewatering) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	128.96	153.46	311722.03

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4	2539.07	Excavation in soft rock requiring blasting including boulders up to 0.6 m dia.(0.113Cum) and placing excavated stuff neatly in specified dump area or disposing off the same as directed for approach channel / foundation of jack-well / pump house / delivery chamber and appurtenant structures including cost of all materials, machinery, labour, working in wet and watery site condition(excluding dewatering) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	223.60	266.08	675605.90
5	2539.07	Excavation in hard rock all toughness including boulders above 0.6 m dia.(0.113Cum) for approach channel/foundation of jack-well/pump house/delivery chamber and appurtenant structures and placing excavated rock neatly in specified dump area or disposing the same as directed including cost of all materials, machinery, labour, working in wet and watery site conditions (excluding dewatering) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	466.96	555.68	1410916.51
6	385.03	Providing and laying insitu vibrated M-15 (28 days cube compressive strength not less than 15 N/Sq mm) grade cement concrete using 40mm down size approved, clean, hard, graded aggregate for foundation filling / levelling course including cost of all materials, machinery, labour, formwork, cleaning bed, batching, mixing, placing in position, levelling vibrating/tamping, finishing, curing etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site. (Cement content:240Kg/cum for use of super plasticizer)	Cum	6353.79	7561.01	2911215.72
7	4082.18	Providing and laying insitu vibrated M-25 (28 days cube compressive strength not less than 25N/sq mm) grade cement concrete using 20mm down approved, clean, hard, graded aggregates for approach channel/ fore-bay/ delivery chamber side lining including cost of all materials, machinery, labour, formwork, scaffolding, cleaning surface, batching, mixing, placing in position as specified, forming drainage holes, levelling, vibrating/tamping, finishing, curing etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site. (Cement content: 360kg/cum with use of plasticizer)	Cum	8617.76	10255.13	41863304.54
8	373.13	Providing and constructing burnt brick masonry in CM 1:4 proportion. Using bricks from approved source including cost of all materials labour, machinery, scaffolding, cleaning, packing mortar, finishing, curing etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	5901.93	7023.30	2620602.70
9	105.72	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 steel glazed windows and ventilators side hung / top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm, weighing 2.28kg/m duly providing T section 19x19x3mm, weighing 0.839 kg/m for glazing of windows not more than 34 cms c to c including providing, and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should conform to IS 7452:1990, 4nos of holdfasts of approved size, section should be cut to length, welded and electrically grinded, subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be thoroughly cleaned free of rust and painted with one coat of anti-corrosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. Specification No. KBS 7.12.1 / 7.12.2 / 7.12.3 / 7.12, complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	3530.00	4200.70	444098.00
10	24.00	Providing and fixing pull and push type rolling shutter(excluding top cover) made out of 18 guage x 75mm wide cold rolled steel laths of convex corrugation, complete with side guides, bottom rail, interlocking arrangements by means of alternate end clips, suspension shaft with High tension coil type springs,locking arrangements,pulling hooks, handles and all other fittings and accessories including cost of all materials, labour, machinery, applying two coats of synthetic enamel paint of approved quality over a coat of zinc chromate red oxide primer paint etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	3652.48	4346.45	104314.83
11	6.00	Providing and fixing Top Covers made out of 18 gauge cold rolled steel sheet including cost of all materials, machinery, labour, applying two coats of synthetic enamel paint of approved quality over a coat of zinc chromate red oxide primer paint etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	m	880.88	1048.25	6289.48
12	0.08	KSRB 9.4-2 : Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster grooves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, HOM of machineries, complete as per specification. Specification No: KBS 9.33, complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	102855.00	122397.45	9791.80
13	4.80	KSRB 9.9-2: Providing and fixing in position Honne wood half panelled and half glazed shutters for door, styles and rails of 40mm thick with bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick, 4mm thick plain glass, fixed with beeding 15mm wide and thickness to finish with the shutters surface including cost of materials, labour, HOM of machineries complete as per specification. (Excluding cost of fixtures) Specification No: KBS 9.34, 9.42, complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	4092.00	4869.48	23373.50

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3371.08	Providing 12mm thick plastering in cement mortar 1:3 proportion by volume including cost of all materials, machinery, labour, scaffolding, cleaning joints, smooth finishing, curing, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	207.33	246.72	831721.96
3371.08	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	25.00	29.75	100289.63
1685.54	KSRB 15-4-6 : Extra for providing and mixing water proofing compound in cement plaster for birch masonry work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 20mm thick, cost of materials complete as per specifications, with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	13.00	15.47	26075.30
1685.54	KSRB 15-4.1 : Extra for providing and mixing water proofing compound in cement plaster work at one kg per bag or in the proportion recommended by the manufacturers, for cement mortar 1:3, 12mm thick, cost of materials, complete as per specifications with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	7.00	8.33	14040.55
1685.54	Providing and painting with water proof cement paint of approved colour including cost of all materials, labour, scraping surface, scaffolding, curing, Two coat Painting, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	70.72	84.16	141849.65
1685.54	Providing and painting with plastic emulsion paint of approved colour including cost of all materials, labour, scraping surface, scaffolding, etc., - Two coat Painting, complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	119.60	142.32	239892.79
269.04	KSRB 15-17.4 : Applying priming coat over new wood surface and / or wood based surface after brushing with ready mix enamel priming paint including preparing the surface after thoroughly cleaning oil, grease, dirt and foreign matter, sand papering and knotting ready mix paint including cost of materials, labour, complete as per specifications, with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	31.00	36.89	9924.89
269.04	KSRB 15-17.6 : Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface, with enamel paint to give an even shade, cleaning the surface for dirt, dust and foreign matter, sand papering, including cost of materials, labour, complete as per specifications with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	84.00	99.96	26893.24
544956.24	Providing, fabricating and placing in position reinforcement steel bars for RCC works including cleaning, straightening, cutting, bending, hooking, lapping, welding wherever required, tying with 1.25mm dia. soft annealed steel wire, including cost of all materials, machinery, labour, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Kg	57.00	67.83	36964381.76
800.00	KSRB 14.9-2 : Providing and laying M-15 cement concrete flooring, 60 mm thick with metallic concrete hardner topping, under layer of 45 mm thick M-15 cement concrete using broken granite metal of 20mm and down size and top layer of 15mm thick metallic cement hardner consisting of mix 1 : 2 (1 cement hardner mix: 2 granite metal 10mm nominal size) by volume, with metallic hardening compound of approved quality mix in the ratio of 4:1 (4 part of cement = 1 part of metallic floor hardening compound of approved quality by wt) , including finishing, cost of materials, labour, curing, complete as per specifications. Specification No. KBS 14.4, with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	673.00	800.87	640696.00
13000.00	Providing and placing sand bags consisting of empty cement bags filled with 35 to 40 kg locally available sand for forming ring bund including plugging the joints with selected earth, cost of all labour, materials etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Nos	40.56	48.27	627463.20
17920.66	Construction of embankment with approved material gravel/murram with all lifts and leads, transporting to site, spreading, grading to required slope and compacting to meet requirement of table 300-2 complete as per specifications which includes cost of gravel/murram, watering charges and compaction by vibratory roller. MORTH Specification No.305 etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	302.00	359.38	6440326.79
8125.02	Construction of embankment with approved material deposit at site from road way cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of table 300-2 complete as per specifications which includes watering charges and compaction by vibratory roller. MORTH Specification No.305 etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	66.00	78.54	638139.07
400.00	Providing and constructing 450 mm thick dry rubble stone pitching with pin headers at 2 per sqm using stones and stone chips from approved source including cost of all materials, labour, hand packing/wedging stone chips, finishing, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	688.79	819.66	327864.04

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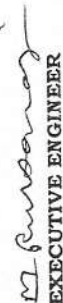
28	37.31	Design, fabrication, supply, erection and commissioning of embedded parts consisting of sill beam, wheel tracks, seal tracks, guide rails, gate groove liners etc., with all accessories for pump house intake stoplog gate including cost of all materials, machinery, labour, aligning, anchoring, welding, finishing, cleaning, applying one coat zinc rich epoxy primer and four coats of cold applied coal tar epoxy paint etc., complete as per specifications and approved drawings with all lead and all lifts for structural steel components and all leads and lifts including packing / forwarding charges for other materials etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	tonne	148616.00	176853.04	6598386.92
29	13.95	Design, fabrication, supply, erection, testing and commissioning of sliding type stoplog gate consisting of skin plate, horizontal and vertical girders, slide blocks, stiffeners, guide shoes, rubber seals etc., with all accessories for pump house intake vent including cost of all materials, machinery, labour, cutting, aligning, welding, finishing, cleaning, applying one coat of zinc rich epoxy primer and three coats of cold applied coal tar epoxy paint, seal fixing etc., complete as per specifications and approved drawings with all lead and all lifts for structural steel components and all leads and lifts including packing / forwarding charges for other materials. etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	tonne	134160.00	159650.40	2227123.08
30	1.44	Design, fabrication, supply, erection and commissioning of embedded parts consisting of liners for trash rack grooves (coarse and fine screens) with all accessories for pump house intake structure including cost of all materials, machinery, labour, aligning, anchoring, welding, finishing, cleaning, applying one coat of zinc rich epoxy primer and four coats of cold applied coal tar epoxy paint etc., complete as per specifications and approved drawings with lead upto 1 km for structural steel components and all leads and lifts including packing /forwarding charges for other materials. etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	tonne	140816.00	167571.04	241302.30
31	13.52	Design, fabrication, supply, erection and commissioning of trash racks consisting of a number of structural steel panels of suitable height with vertical trash bars at wider interval and weld mesh frame for pump house intake structure including cost of all materials, machinery, labour, aligning, anchoring, welding, finishing, cleaning, applying one coat of zinc rich epoxy primer and four coats of cold applied coal tar epoxy paint etc., complete as per specifications and approved drawings with all lead for structural steel components and all leads and lifts including packing /forwarding charges for other materials. etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	tonne	108368.00	128957.92	1743511.08
32	9628.38	KSRB 300-2. Earthwork excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications, with all lead and lifts. MORTH specification clause 301 etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	113.00	134.47	1294728.26
33	2531.25	KSRB M400-14.2: Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specifications, including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarser aggregates, watering and compacting to the required density complete as per specification. B.By Mechanical Means. MORTH Specification No. 404.- Crushable type such as Moorum or Gravel for Grading-II etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	1638.00	1949.22	4933963.12
34	1265.63	KSRB M400-14.2: Providing, laying, spreading and compacting stone aggregates of specific sizes to water bound macadam specifications, including spreading in uniform thickness, hand packing, rolling with 3 wheeled steel/vibratory roller 8-10 tonnes in stages to proper grade and camber, applying and brooming requisite type of screening/binding materials to fill up the interstices of coarser aggregates, watering and compacting to the required density complete as per specification. B.By Mechanical Means. MORTH Specification No. 404. - Type B 11.2mm for Grading-III etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	1838.00	2187.22	2768211.25
35	67.50	Providing and laying 600mm dia reinforced cement concrete pipe NP2 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specification No. KSRB 100,2300 MOST Specification No. 1000/2300, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Rmtr	2289.00	2723.91	183863.92
36	314.82	KSRB 4.1.2: Providing and laying in position plain cement concrete of mix 1:3:6 with OPC cement @ 220 kgs, with 40mm and down size graded granite metal coarse aggregates @0.892 cum and fine aggregates @ 0.465 cum machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, H.O.M of machinery, curing complete as per specifications. Specification No. KRS 4.1.4.2, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	5046.00	6004.74	1890412.25

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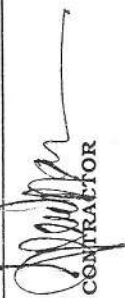
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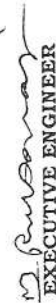
37	509.28	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of mix M-20 with OPC @ 320Kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 Cum and fine aggregates @ 0.460 Cum with super plastisizer @ 3 liters confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15cm thick, vibrated for all works in foundation for: footing, pedestals, retaining walls, return walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks and plinths etc., including cost of all materials, labour, H.O.M of machinery, curing, complete as per specifications. Specification No: KBS 4.1, 4.6, with all lead and lifts. (Excluding cost of steel, fabrication and plastering charges) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	6011.00	7153.09	3642925.57
38	141.75	KSRB 5.1-2: Providing and constructing granite / trap / basalt rubble stone masonry in foundation with cement mortar 1:8 (uncoursed), bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.12, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	3072.00	3655.68	518192.64
39	106.32	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chiselled dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	5005.00	5955.95	633236.60
40	401.22	KSRB 15.1.3 Providing ruled pointing to coursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	95.00	113.05	45357.92
41	642.40	Supplying and fixing M.S. Rectangular poles made out of 2 equal angles of 65x65x6 mm welded together and fixed in CC (1:2:4) With 2 Nos 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending, scaffolding wherever necessary, nicely finishing the welded joints with all lead and lifts and as per the directions of the Engineer in-charge of the work and including providing 2 coats of approved quality paint over one coat of shop painting (excluding cost of earthwork and concrete) complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Rmtr	819.00	974.61	626089.46
42	1575.00	Providing Chain link fencing 50mm size of 8 gauge properly stretched between rectangular poles and fixed with suitable bolts and nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts and as per the directions of the Engineer-in-charge of work including two coats of approved quality paint over one coat of shop paint, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	659.00	784.21	1235130.75
43	1050.00	Providing and fixing M.S. Block pipe of 38mm dia. Of heavy gauge of 14 including removing the bends, cutting the pipe and fixing pipe in between 2 vertical poles (M.S. Rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including two coats of approved quality paint over one coat of shop paint. etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Rmtr	324.00	385.56	404838.00
44	11.20	Providing and laying insitu vibrated M-20 (28 days cube compressive strength not less than 20N/sq mm) grade cement concrete using 20mm down size approved, clean, hard, graded aggregate for sub-structure works including cost of all materials, machinery, labour formwork, scaffolding cleaning, batching, mixing, placing in position, levelling, vibrating, finishing, curing etc., complete with all lead and lifts. (Cement content 330 kg/cum with use of super plasticizer) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	7717.67	9184.03	102861.11
45	31.20	KSRB 15-16.1: Providing and finishing external walls in two coats with water proof cement paint of approved brand and shade to give an even shade after thoroughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications.- with primer etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	84.00	99.96	3118.75


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46	15.00	Providing and fixing M.S. Gate as per Chief Architect Drawing, using 50mm x 50mm 14 gauge M.S. hollow pipe frame work bent to ornamental shape as shown in the drawing and 35mm x 6mm and 16 x 16mm Square rods for verticals alternatively spaced at 4cms c/c in two halves and 40mmx6mm M.S. flats for horizontal member and at the top cast iron spikes are provided at alternate vertical members as shown in the drawing etc., complete. All the steel surface should be thoroughly cleaned free of rust and painted with anti corrosive paint (shop paint) etc., complete. The work includes cost of all materials, labour charges for all items of work, hire charges for welding, cutting and grinding equipment, and electricity charges, with lead and lift, loading and unloading charges, etc. complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	2934.00	3491.46	52371.90
47	12890.00	Clearing thick jungle growth (less than 50% open space) including bushes upto 300 mm / parthenium and other weeds including burning or disposing off the same as directed etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	2.02	2.40	30984.98
48	56325.56	De-silting tank bed/ Feeder channel in dry condition by excavating the deposited bed material and disposing off the same as directed including cost of all machinery, labour etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	65.00	77.35	4356782.07
49	3825.00	Excavation in all kinds of soil including boulders upto 0.60 m (0.113cum) diameter for canal, seating of embankment, filter drains / catch water drains etc. and placing the excavated stuff neatly in Dump area or for formation of service road / embankment as directed including cost of all materials, machinery, labour, dressing bed and sides to required level and profile etc., complete with initial lead upto 1 km and depth of cut upto 18m. etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	80.08	95.30	364504.14
50	4240.00	Providing and constructing 300mm thick dry rubble stone pitching with pin headers at 2 per sqm using stones and stone chips from approved source including cost of all materials, labour, hand packing / wedging stone chips, finishing etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	486.00	578.34	2452161.60
51	429.73	Excavation in all kinds of soil including boulders upto 0.60 m dia.(0.113 cum) for foundations of canal cross drainage and other appurtenant structures and placing excavated stuff neatly in specified dump area or disposing off the same as directed including cost of all materials, machinery, labour, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	169.52	201.73	86688.92
52	160.26	Excavation in soft rock without blasting including boulders upto 0.60 m dia.(0.113 cum) for foundations of canal cross drainage and other appurtenant structures and placing excavated stuff neatly in specified dump area or disposing off the same as directed including cost of all materials, machinery, labour, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	222.56	264.85	42444.28
53	98.19	Providing and laying insitu vibrated M-10 (28 days cube compressive strength not less than 10 N/sq mm) grade of cement concrete using 40mm. Down size approved clean, hard, graded aggregates for foundation filling including cost of all materials, machinery, labour, formwork, cleaning, batching, mixing, placing in position, levelling, vibrating, finishing, curing etc., complete with lead upto 50m. and depth of foundation upto 1.50m. from surface (Cement content : 220 kg/cum with use of super plasticiser etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	6092.00	7249.48	711826.44
54	280.86	Providing and laying insitu vibrated M-15 (28 days cube compressive strength not less than 15 N / sq mm) grade cement concrete using 40 mm down approved, clean, hard, graded aggregates for gravity type retaining walls/abutments etc., including cost of all materials, machinery, labour, formwork, scaffolding, cleaning, batching, mixing, placing in position, levelling, vibrating, finishing, curing etc., complete with lead upto 50 m and lift upto 1.50m. from surface. (Cement content : 240 kg / cum of plum CC with use of super plasticiser) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	7279.97	8663.16	2433136.33
55	31.71	Providing and laying insitu vibrated M-15 (28 days cube compressive strength not less than 15 N/sqmm) grade cement concrete using 20 mm downsize approved, clean, hard, graded aggregates for Sub-Structure works including cost of all materials, machinery, labour, formwork, Scaffolding, cleaning, batching, mixing, placing in position, levelling, vibrating, finishing, curing, etc., complete with lead upto 50 m and lift upto 1.50 m from surface. (Cement content: 270 kg/cum with use of super plasticiser) etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	7348.31	8744.49	277287.74

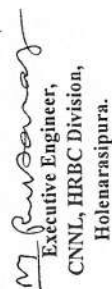

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280.00	Providing and constructing 450mm thick hand packed rough stone revetment consisting of 300mm thick rough stones with 400 to 450mm long through stones at 1.50M C/C over a backing of 150mm thick 40mm dowsized graded coarse aggregate layer including cost of all materials, machinery, labour, laying to specified slope wedding with chips, finishing, etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Sqm	652.39	776.34	217376.35
9.11	Providing and filling murum / gravelly soil (CNS soil) for foundation or around pipes including cost of all materials, machinery, labour, spreading soils in layers of 100 to 150 mm , breaking clods, watering, compaction by earth masters to achieve density control of not less than 90 percent etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Cum	688.77	819.64	7466.89
357.35	Fabrication , supply, erection, testing and commissioning of sliding type vertical lift gate consisting of skin plate, horizontal and vertical stiffeners, seal seats sponge rubber seals lifting vented dam/field channel including cost of all materials, labour, cutting, aligning, welding, finishing, cleaning, applying two coats of anticorrosive bituminous black paint over a coat of zinc chromate red oxide primer paint, seal fixing etc., complete as per specifications and approved drawings etc., complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	Kg	140.00	166.60	59534.51
7.50	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications. Specifications. No. KSRB 1000, 2300 MOST Specification No.1000 / 2300 - - 450mm. dia complete with all lead, lifts, loading and unloading as directed by the Engineer in charge of the site.	m	2767.00	3292.73	24695.47
	Total Summary Amount				3593300000.00
	Add for GST at rate of 12% above the updated cost of Rs. 329.66 crores (excluding tender premium)				395600000.00
	Total Tender Amount including GST				3988900000.00

(Rupees Three hundred ninty eight crores and eighty nine lakhs only)


CONTRACTOR


Executive Engineer,
CNNL, HRBC Division,
Holenarasipura.