TENDER DOCUMENT

FOR

Installation & Maintenance of Pole beacon lamp Navigational system in NW-3

TENDER NO:- IWAIKC-14/15/2026-DIR (KOCHI)/29

October 2026

भारतीय अंतर्देशीय जलमार्ग प्राधिकरण

INLAND WATERWAYS AUTHORITY OF INDIA

(Ministry of Ports, Shipping and Waterways, Govt. of India)

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)

National Waterway Road, Kannadikkadu, Maradu P.O,

NH 47 Bypass, Ernakulam, Kerala. PIN: 682 304.

E mail:- dirkoc.iwai@nic.in, Web Site:- www.iwai.gov.in

https://eprocure.gov.in/eprocure/app

DISCLAIMER

1. This Tender document is neither an agreement nor an offer by the Inland Waterways Authority of India (IWAI) to the prospective Bidders or any other person. The purpose of this Tender is to provide information to the interested parties that may be useful to them in the formulation of their Bid pursuant to this Tender.

2. IWAI does not make any representation or warranty as to the accuracy, reliability or completeness of the information in this Tender document and it is not possible for IWAI to consider particular needs of each party who reads or uses this Tender document. This Tender includes statements which reflect various assumptions and assessments arrived at by IWAI in relation to the Construction Works. Such assumptions, assessments and statements do not purport to contain all the information that each Bidder may require. Each prospective Bidder should conduct its own investigations and analysis and check the accuracy, reliability and completeness of the information provided in this Tender document and obtain independent advice from appropriate sources.

3. IWAI will not have any liability to any prospective Company / Firm or any other person under any law (including without limitation the law of contract, tort), the principles of equity, restitution or unjust enrichment or otherwise for any loss, expense or damage which may arise from or be incurred or suffered in connection with anything contained in this Tender document, any matter deemed to form part of this Tender document, the award of the Assignment, the information and any other information supplied by or on behalf of IWAI or their employees, any Contractors or otherwise arising in any way from the selection process for the Assignment. IWAI will also not be liable in any manner whether resulting from negligence or otherwise however caused arising from reliance of any Bidder upon any statements contained in this Tender.

4. IWAI will not be responsible for any delay in receiving the Bids. The issue of this Tender does not imply that IWAI is bound to select a Bidder or to appoint the successful Bidder, as the case may be, for Works and IWAI reserves the right to accept / reject any or all of Bids submitted in response to this Tender document at any stage without assigning any reasons whatsoever. IWAI also reserves the right to withhold or withdraw the process at any stage with intimation to all who submitted the Tender Bids.

5. The information given is not an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. IWAI accepts no responsibility for the accuracy or otherwise for any interpretation or opinion on the law expressed herein.

6. IWAI reserves the right to change / modify / amend any or all provisions of this Tender document. Such revisions to the Tender / amended Tender will be made available on the website of IWAI.

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INLAND WATERWAYS AUTHORITY OF INDIA
National Waterway Road, Kannadikkadu,
Maradu P.O, NH 47 Bypass,
Ernakulam, Kerala. PIN 682 304

Websites: **www.iwai.gov.in and https://eprocure.gov.in/eprocure/app.**

1. Tender Issue Letter

Tender No: IWAIKC-14/15/2026-DIR (KOCHI)/29

To,
……
……
……
……

Sub: Tender for Installation & Maintenance of Pole beacon lamp Navigational system in NW-3

Ref: Your letter no……, Dated: ……

Sir,

With reference to your letter cited above on the subject, please find enclosed herewith one set of tender document for the subject work. You are requested to go through the terms and conditions carefully and submit your tender as per procedure explained therein.

The tender document can be downloaded from the IWAI's website www.iwai.gov.in and CPP Portal Website https://eprocure.gov.in/eprocure/app. The last date for online submission of tender on CPP Portal is on 30.10.2026 up to 3.00 PM. Issuance of tender document will not construe that such bidders are automatically considered qualified.

Yours faithfully

Director

(*For publication in News Paper*)

INLAND WATERWAYS AUTHORITY OF INDIA
(Ministry of Port, Shipping & Waterways, Govt. of India)
National Waterway Road,
Kannadikkadu, Maradu, Kochi – 682 304.
Ph. 0484 – 2389804 & 0484 – 2389445
E-mail:- dirkoc.iwai@nic.in

Notice Inviting Tender

(Tender No.: IWAIKC-14/15/2026-DIR (KOCHI)/29)

Name of work: Installation & Maintenance of Pole beacon lamp Navigational system in NW-3. Downloading of Tender from 15.00 hrs on 14.10.2026 to 30.10.2026 up to 1500 Hrs. Estimated Cost: Rs. 52.95 lakhs (excluding GST). Last date of Submission of e-Tender: 30.10.2026 up to 15.00 Hours. Date of Opening 31.10.2026 at 15.30 Hours. Details of the tender available in IWAI website at www.iwai.gov.in and https://eprocure.gov.in/eprocure/app. Further amendments / Corrigendum if any, will be uploaded in above websites only. Bidders are advised to check the website before submitting the tender.

S/d
Director

INLAND WATERWAYS AUTHORITY OF INDIA
(Ministry of Ports, Shipping and Waterways, Govt. of India)
Web Site www.iwai.gov.in;
E-mail:- dirkoc.iwai@nic.in

2. NOTICE INVITING TENDER

Tender No. IWAIKC-14/15/2026-DIR (KOCHI)/29

Online tenders/Bid in two cover system (cover I- Technical bid and cover II- Financial bid) are invited from :-

Sl. No.	Description	Estimated cost (Rs.)	EMD (Rs.)
1.	Installation & Maintenance Pole beacon lamp Navigational system in NW-3	52.95 Lakhs (excl GST)	1,05,900/-

Terms and Conditions:

1. Tender document will be available for download w.e.f. 14.10.2026 to 30.10.2026 up to 1500 Hrs. The completed bids as per terms and conditions mentioned in the tender document should be submitted by e tender latest by 1500 hrs on 30.10.2026 and shall be opened on 31.10.2026 at 1530 hours.

2. Time for completion: 4 months from the date of issuance of award of work order for installation and one year for the maintenance after installation **.**Interested bidders may download tender document online from the site https://eprocure.gov.in/eprocure/app and IWAI's website "www.iwai.gov.in" and are advised to pay Rs.5000/- (Rupees Five thousand only) in the form of RTGS as cost of tender in addition to EMD.

3. The Bidder shall meet the following criteria:

i. The Bidder shall be registered in appropriate class with CPWD, Railways, MES, State PWD/ Irrigation Department, Port Trust etc. and shall have required experience in similar to Supply, repair & installation of navigational sign boards / maintenance work mooring buoys and other navigational instruments.

ii. Bidder shall have Permanent Account Number issued by Income Tax Dept. and must be an assessee.

iii. Average annual financial turnover during last three years ending 31st March of the previous financial year should be at least 100% of the estimated cost (previous financial year 2024-25). Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which this tender is invited should be either of following :

   a. Three similar works costing not less than 40% of the estimated cost; or
   b. Two similar works costing not less than 60% of the estimated cost; or
   c. One similar work completed not less than 80% of the estimated cost

   AND

   One completed work costing not less than the amount equal to 40% of the estimated cost put to tender with some Central Government Department/State Government

Department/ Central Autonomous Body/ State Autonomous Body/ Central Public Sector Undertaking/ State Public Sector Undertaking/City Development Authority/Municipal Corporation of City formed under any Act by Central/ State Government and published in Central/State Gazette/reputed private firm**.**

Note: The successful completion of the similar work should be supported with a completion certificate issued by the department/ agency for whom the work has been executed.

iv. Latest certificate of solvency from nationalized / scheduled Bank included in the second schedule of the RBI Act for not less than 40% of the estimated cost of the work(In this case Bank Solvency of Rs. 21.19 lakh or more may be submitted).

v. Average annual financial turnover on contract works should be at least 100% of the estimated cost during the immediate last 3 consecutive financial years and should not have incurred any loss in more than two years during the last five years ending March of the previous financial year (previous financial year 2024-25).

vi. The Bidder shall submit Tender Cost and the Earnest Money Deposit in the form of RTGS before closing date and time of submission of tender. Any/ all submissions made without the Earnest Money Deposit and without the Tender Cost and / or received after the closing date mentioned shall be rejected.

vii. Tender cost and EMD are exempted for SSI units or MSEs registered with Central Purchase Organization or the concerned Ministry or Department or Start-ups as recognized by Department of Industrial Policy & Promotion (DIPP) & copies of same shall be uploaded to avail benefit of exemption.

4. IWAI reserves the right to accept or reject any or all tenders without assigning any reason and no correspondence shall be entertained in this regard.

5. **Corrigendum if any will be published only on web site https://eprocure.gov.in/eprocure/app and IWAI's website "www.iwai.gov.in"**

6. Other terms and conditions are as per tender document.

Director

PART-I

3 (i) TENDER ACCEPTANCE LETTER

(To be given on Company Letter Head)

No.

Date:.....

To

THE DIRECTOR,
Inland Waterways Authority of India
National Waterway Road, Kannadikkadu,
Maradu P.O, NH 47 Bypass,
Ernakulam, Kerala. PIN 682 304

Sub: Acceptance of Terms & Conditions of Tender.

Tender Reference No: IWAIKC-14/15/2026-DIR (KOCHI)/29

Name of Work: - Installation & Maintenance Pole beacon lamp Navigational system in NW-3

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned 'Tender/Work' from the web site(s) namely: www.iwai.gov.in OR https://eprocure.gov.in/eprocure/app as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from Page No. 1 to 79 (including all documents like annexure(s), schedule(s), etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / in its totality / entirety.

4. In case any provisions of this tender are found violated , then your department/ organization shall without prejudice to any other right or remedy be at liberty to reject this tender/bid including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)

3 (ii). Form of Tender

Dt.__. __. 2026

To

The Director,
Inland Waterways Authority of India
National Waterway Road, NH-47 Bypass,
Kannadikkadu, Maradu PO, KOCHI- 682 304

Sir,

I/We have read and examined the following documents relating to **Installation & Maintenance of Pole beacon lamp Navigational system in NW-3** as specified, of Inland Waterways Authority of India, Kochi (IWAI):

i. Notice Inviting Tender
ii. Tender Form
iii. Instructions for submission of bids
iv. Instructions to the Contractors/Bidders for submission of the bids online through the Central Public Procurement Portal for Procurement
v. General Conditions of Contract
vi. Technical and Special Conditions of Contract
vii. Warranty Form
viii. Agreement Form
ix. Price Bid

1. Having visited the site and examined the information and instruction for submission of tender, general conditions of contract, Special Condition of contract, Technical, General and Detailed specification, Schedules and Bill of Quantities, agreement and other forms, etc. for the above named works, I/ We hereby tender for execution of the work referred to in the tender document in conformity with the said Conditions of Contract, Specifications, Schedule of quantities for the sum as stated in Bill of quantities of this tender Document or such other sum as may be ascertained in accordance with the said conditions of contract.

2. I/ We undertake to complete and Deliver the whole of the works comprised in the Contract within the time as stated in the tender and also in accordance in all respects with the specifications, designs, drawings and instructions as mentioned in the tender documents.

3. we are registered SSI units / MSEs registered with Central Purchase Organization / the concerned Ministry / Department / Start-ups as recognized by Department of Industrial Policy & Promotion (DIPP) and Tender fees is exempted for submission of tender cost and EMD. Copies of same are also uploaded to avail benefit of exemption.

   Or

   I am tendering for the work mentioned in the table below and submitting the cost of tender document and EMD in the form of RTGS payment has been made and the UTR No. of the transaction is as follows.

Sl. No.	Name of the work	UTR NO	Amount (Rs)	Details of Bank
1.	Installation & Maintenance of Pole beacon lamp Navigational system in NW-3 **Tender document cost**		5000/-	
2.	**Earnest Money Deposit**		1,05,900/-	

4. I/ We agree to abide by this tender. I/ We agree to keep the tender open for a period of 90 days from the last date of submission of bid or extension thereto as required by the IWAI and not to make any modifications in its term and conditions.
5. I/ We agree, if I/ we fail to keep the validity of the tender open as aforesaid or I/ we make any modifications in the terms and conditions of my/ our tender if I/ We fail to commence the execution of the works as above, I/ We shall become liable for forfeiture of my/ our Earnest money, as aforesaid and IWAI shall without any prejudice to any other right or remedy, be at the liberty to forfeit the said Earnest Money absolutely otherwise the said earnest money shall be retained by IWAI towards part of security deposit to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be ordered. Should this tender be accepted, I/ We agree to abide by and fulfil all the terms and conditions and provisions of this tender. No interest is payable on earnest money deposit and/ or security deposit.
6. I/ We have independently considered the amount of Liquidated Damages shown in the tender hereto and agree that it represents a fair estimate of the loss likely to be suffered by IWAI in the event of works not being completed in time.
7. If this tender is accepted, I/ We undertake to enter into execute at my/ our cost when called upon by the employer to do so, a contract agreement in the prescribed form. Unless and until a formal Agreement is prepared and executed this tender together with your written acceptance thereto shall constitute a binding contract.
8. If my/ our tender is accepted, I/We am/are to be jointly and squarely responsible for the due performance of the Contract. I/We also declare that the firm has not been banned or blacklisted by any Govt. or its department or any Quasi Govt. agency or Public Sector Undertaking or Multi National or International Aid Agency/Development Bank.
9. I/ We understand that you are not bound to accept the lowest or any Tender you may receive and may reject all or any tender without assigning any reason.
10. I/ We certify that the tender submitted by me, us is strictly in accordance with the terms, conditions, specifications etc. as contained in the tender document, and it is further certified that it does not contain any deviation to the aforesaid documents.

Date ……..

Signature ……
Name …….
Designation ……

Duly authorized to sign & submit tender for and on behalf of
(Name and address of firm)
M/s ……..
……..
Telephone nos.……FAX No……...

Witness :
Signature……..
Name : …….
Occupation ……..

Address ……..Telephone nos.

3(iii). INSTRUCTIONS FOR SUBMISSION OF BIDS

1. Inland Waterways Authority of India herein after referred to "THE AUTHORITY" wishes to receive online tenders for “Installation & Maintenance Pole beacon lamp Navigational system in NW-3”,

2. **“TENDER DOCUMENT"**: - The required equipment and field delivery, tender procedure and contract terms are prescribed in the tender documents. In addition to the invitation for tender, the tender documents include the following: -

   i. Notice Inviting Tender
   ii. Tender Form
   iii. Instructions for submission of bids
   iv. **Instructions to the Bidders for e-submission of the bids online through the Central Public Procurement Portal for e Procurement**
   v. General Conditions of Contract
   vi. Technical and Special Conditions of Contract
   vii. Warranty Form
   viii. Agreement Form
   ix. Price Bid

3. The Bidder is expected to examine the tender document carefully including all instructions, conditions, forms, terms, special conditions, technical specifications etc. Failure to furnish all information required by the tender document or online submission of a tender not substantially responsive to the tender documents in every respect will result in "REJECTION OF TENDER BID” submitted by the individual Bidder.

3.1. Canvasing in connection with tenders is strictly prohibited and the tenders submitted by the Bidder who resort to any form of canvassing shall be summarily rejected.

3.2. Those Bidder(s) whose near relatives are posted in any capacity in the Inland Waterways Authority of India (IWAI) shall not be permitted to bid. The prospective Bidder shall also intimate the names of persons who are working with him in any capacity or subsequently employed by him & who are near relative to any officer in the IWAI or in the Ministry of Ports, Shipping and Waterways. Any breach of this condition by the Bidder shall render him ineligible. By the term ‘near relative’ is meant wife, husband, parents and grandparents, children &grand children, brothers and sisters, uncles, aunts & corresponding in laws.

3.3. No engineer of gazette rank or other Gazetted Officer employed in engineering or administrative duties in an engineering Deptt. of Govt. of India is allowed to work as a contractor for a period of two years after his retirement from Govt. service, without the prior permission of the government of India in writing. The contract is liable to be cancelled if either the contractor or any of his employees is found anytime to be such a person who had not obtained the permission of Govt. of India as aforesaid, before submission of the bid or engagement in the contractor’s service.

4. The **Director, IWAI** reserves the right to reject any or all of the tenders received without assigning any reasons what so ever. He also reserves right for himself of accepting the whole or any part of the tender and Bidder shall be bound to perform the same at the rates quoted. The tender in which, any of the prescribed conditions are not fulfilled or incomplete in any respect are liable to be rejected.

5. At any time prior to the dead line for online submission of tender, the Authority may for any reason, whether by its own initiation or in response to clarification requested by a prospective Bidder, modify the tender document by amendments.

   5.1 In order to afford prospective Bidder reasonable time in which to make amendment on this account in their tender document, the Authority may at its discretion fix fresh dead line for submission of bid.

6. Any annotation or accompanying documentation in the bid shall be in Hindi or English language only and in metric system. Bid filled in any other language will be summarily rejected.

7. **EARNEST MONEY DEPOSIT (EMD)**

The bidder shall furnish as part of its tender an amount as Earnest Money Deposit of Rs. 1,05,900/- in the form of RTGS payment. No other form of payment, e.g. DD, Fixed Deposit, BG etc., shall not be accepted for EMD.

7.1 The successful Bidder's EMD will be converted into Security Deposit (SD) and the successful Bidder has to remit balance amount of SD in the form of RTGS payment as per clause 4 of "General Conditions of the Contract".

7.2 The EMD may be forfeited if,

a] The EMD will be returned to the unsuccessful Bidder after finalization of the tender and no interest will be paid on EMD.

b] Bidder withdraws his bid in part or in full or modifies his tender, during the period of bid validity specified on the bid form, or

c] Make any modification in terms & conditions of tender, which is not acceptable to the Authority, then the Authority shall, without prejudice to any right or remedy, be at liberty to forfeit the EMD absolutely.

d] The successful Bidder fails to furnish in full all the information as required by the tender, withdraws his tender or refuses to sign the contract in accordance with Clause -16 of "Instructions to the Bidders" for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement https://eprocure.gov.in/eprocure/app on issue of letter of intent, or refuses to provide the Security Deposit in accordance with Clause 4 of "General Conditions of the Contract".

7.3 The bank account details of IWAI is as follows;

Name of Account: Inland Waterways Authority of India
Name of the bank: State Bank of India, Vytilla Branch
IFSC CODE : SBIN0008694
Account No. : 39360627884

7.4 Refund of Earnest Money Deposit

a) The Earnest Money Deposit (EMD) submitted by all the bidders except the lowest bidders shall be refunded immediately latest within a week from the date of approval of the award of the contract to the lowest bidder (s)/decision to re-tender or otherwise closure of the proposal as the case may be, by the Competent Authority.

(b) In case of Joint Venture (JV), only Lead Partner can deposit EMD and same will be refunded to the bank account of the Lead Partner provided by the bidders / Bidders in the bid.

(c) In case, where the Office-In-Charge considers that an item of EMD instead of being refunded, be carried to the credit of the IWAI-Fund, then the fact required to be recorded on the Deposit Receipt with the Officers initial records, and request the Accounts / Finance Wing to effect necessary adjustment in Accounts. Accordingly, the concerned bidders shall be communicated this fact within the period specified for EMD refund.

8. The bid shall not contain erasure/over writing except as necessary to correct errors by the Bidder in which case the person signing the bid shall initial such correction(s).

8.1 "Authority" will in no way be responsible for any expenditure incurred by the Bidder in the preparation and submission of the tender.

9. Bank Solvency for the following amounts:

The Bank Solvency @ 40% of estimated cost (for Rs. 21.19 Lakhs) should be in the name of the bidder. The banker address, issuing authority, date of issue, validity, contact phone, e-mail ID of Bank and Bidders account details are to be mentioned clearly in the Bank solvency. The Bank Solvency should be for minimum amount as mentioned above and should be issued in the current financial year, preferably after publication of NIT.

10. **Submission of Bid**

Tender/Bid should be submitted in two covers viz. Envelope-1 (containing technical bid) and Envelope-2 (containing price bid) and both of these covers should be submitted online in website https://eprocure.gov.in/eprocure/app

The first cover/envelope containing Part-1 shall be submitted along with the following documents

a) Scanned copy of the 'Tender Acceptance Letter' duly signed and stamped with a signed declaration stating that no alteration has been made in any form in the downloaded tender document.

b) Scanned copy of the 'Form of Tender' duly signed and stamped and with a copy of a declaration that Bidder have not been banned or de-listed by any Govt. or quasi Govt. agency or Public Sector Undertaking.

c) Proof of payment of Rs.5000/- as the cost of the bidding documents through RTGS. The UTR no of the transaction has to be indicated.

Tender fees is exempted for SSI units or MSEs registered with Central Purchase Organization or the concerned Ministry or Department or Start-ups as recognized by Department of Industrial Policy & Promotion (DIPP) & copies of same shall be uploaded to avail benefit of exemption.

d) Proof of payment of Rs 1,05,900/- as Earnest Money Deposit. UTR no. has to be indicated.

Earnest Money Deposit is exempted for SSI units or MSEs registered with Central Purchase organization or the concerned Ministry or Department or Start-ups as recognized by Department of Industrial Policy & Promotion (DIPP) & copies of same shall be uploaded to avail benefit of exemption.

e) Scanned copy of Registration certificate from concerned Authorities.
f) Scanned Copy of Duly filled "Warranty Form" Annexure-1.
g) Audit report with Profit& loss account, balance sheet and IT returns acknowledgement for the last 3 years (2022-23, 2023-24 & 2024-25). All financial statements / certificates submitted must bear a valid UDIN, wherever certified by a Chartered Accountant.
h) Scanned Copy of Document in the respect of PAN, GST, registration.
i) Scanned Copies of experience Similar work shall mean: Supply, repair & installation of navigational sign boards / maintenance work mooring buoys and other navigational instruments. , issued by the client during the past 7 years, for evaluation of financial & technical capabilities of the bidders. Performance certificates / job completion certificates shall be in the name of bidder only clearly indicating the value of work, date of commissioning & completion

Experience of having successfully completed similar works during last 7 years ending last day of month previous to the one in which this tender is invited should be either of following:

(i) Three similar works completed each costing not less than Rs. 21.19 Lakhs
or
(ii) Two similar works completed **each** costing not less than Rs. 31.78 Lakhs
or
(iii)One similar work completed **for** not less than Rs. **42.38** Lakhs

Note: - 1. Experience of only the bidder of this tender would be considered for evaluation. The work value below the amount as mentioned above categories will only be considered for evaluation. Hence bidder has to submit the work order copies, work completion certification with full details about the scope of work for prequalification in the technical bid evaluation.

j) The Bidder should have office and Service Center in India to provide after sales support. Scanned Copy of Addresses of Office and Service Center in India is to be provided.
k) Scanned Copy of Letter of Authority for signing and negotiation of bid.
l) The Scanned copy of the duly filled up and signed tender acceptance letter.
m) Scanned copy of Bank Solvency for the following amounts:**The Bank Solvency @ 40% of estimated cost (for Rs. 21.19 Lakhs) should be in the name of the bidder. The banker address, issuing authority, date of issue, validity, contact phone, e-mail ID of Bank and Bidders account details are to be mentioned clearly in the Bank solvency. The Bank Solvency should be for minimum amount as mentioned above and should be issued in the current financial year, preferably after publication of NIT.**

n) Scanned copy of duly filled details of Bank Account for Release of Payment through Electronic Fund Transfer System at Annexure- 3.
o) Scanned copy of duly signed integrity pact. Successful bidder has to submit the same in stamp paper.
p) Registration/incorporation certificate of the Company, ESIC & EPFO registration certificate along with Labour license.
q) Scanned copy of Duly signed and stamped tender document

It may please be noted that:-

(a) The price bid part shall not contain any terms and conditions whatsoever. These, if any, must be brought out in Part- I only. Any condition given in the price bid will not be taken into account and it will be sufficient cause for rejection of bid.

(b) Price bids of only those bidders whose technical bids are complete and found acceptable, shall be opened online in the presence of bidders or their authorized representatives who may like to be present, on a suitable date to be intimated to such bidders separately.

11 Bidders are advised to submit their offers strictly based upon the detail terms and conditions contained in "INSTRUCTION TO BIDDERS" being a part of this tender document /corrigenda issued from time to time and not to stipulate any deviations. IWAI reserves the right to evaluate bids containing such deviations and accept or reject any part or whole of the same without showing any reason whatsoever.

12 IWAI reserves the right to reject any or all bids without assigning any reasons.

13. Any annotation or accompanying documentation in the bid shall be in Hindi or English language only and in metric system. Bid filled in any other language will be summarily rejected.

14. The firms interested in the work must have a good track record and must not have been black-listed by any Government Organization/ PSUs / Statutory Body / Major Ports in course of last 5 years. Bids of such black listed firms will not be considered by the Authority.

15. Bidder shall sign their proposal with the exact name of the firm. The bid shall be duly signed and sealed by an authorized person of the bidders' organization as following:

(a) If the Tender is submitted by an individual, it shall be signed by the proprietor above his full name and full name of his firm with its current business address.

(b) If the Tender is submitted by the proprietary firm, it shall be signed by the proprietor above his full name and full name of his firm with its name and current business address.

(c) If the Tender is submitted by a firm in partnership, it shall be signed by all the partners of the firm above, their full names and current business address, or by a partner holding the power of attorney for the firm for signing the Tender in which cases a certified copy of the power of attorney shall accompany the Tender. A certified copy of the partnership deed and current business address of all the partners of the firm shall also accompany the Tender.

(d) If the Tender is submitted by a limited company, or a limited Corporation, it shall be signed by a duly authorized person holding the power of attorney for signing the tender in which case a certified copy of the power of attorney shall accompany the Tender. Such limited company or corporation may be required to furnish satisfactory evidence of its existence before the contract is awarded. 'Satisfactory evidence' means the certificate of incorporation of the limited company or corporation under Indian Companies Act, 1956.

(e) Two or more firms interested in work may also submit joint bid. In such case, all the firms have to submit a memorandum of understanding along with the joint bid and the lead partner have major share. In that case, the lead partner will sign all tender documents. The sponsoring firm/lead partner shall submit complete information pertaining to each firm in the group and state along with the bid as to which of the firm shall have the responsibility for tendering and for completion of the contract document and furnish evidence admissible in law in respect of the authority assigned to such firm on behalf of the group of firms for tendering and for completion of the contract document. The full information and satisfactory evidence pertaining to the participation of each member of the group of firm in the firm in the Tender shall be furnished along with the Tender.

16. Bidders shall clearly indicate their legal constitution and the person signing the bid shall state his capacity and also the source of his ability to bind the bidder. The power of attorney or authorization or any other document constituting adequate proof of the ability of the signatory to bind the bidder shall be annexed to the bid. The owner may reject outright any bid unsupported by inadequate proof of the signatory's authority.

17. **The bid document shall be completed in all respects and shall be submitted online together with the requisite information and Annexures.**

18. If the space in the bid form or in the Annexures thereto is insufficient, additional pages shall be separately added. These pages shall be page numbered & signed by the Bidder.

19. <u>Period of Validity of Bid</u>

19.1 **Bid shall remain valid for 90 days from the date of bid closing.**

19.2 Notwithstanding Clause -19.1 above, the Authority may solicit the Bidder's consent for extension of the bid validity. The request and the response shall be made in writing.

20. <u>Financial Bid</u>

Bidders are to download BOQ through https://eprocure.gov.in/eprocure/app and cannot modify BOQ, they can enter only white portion of BOQ. The Bidder shall quote rate for Per item Basic price , inclusive of Freight, Insurance, Transportation, packing, Inspection if applicable etc. The GST has to be mentioned separately

Prices quoted by the Bidder shall remain firm and fixed and valid till the validity time. The prices quoted shall be for destination of the consignees.

Bidders will have to quote entirely in Indian Rupees. The payment to bidder will be made only in Indian Rupees. No provision exists for payments of foreign exchange to Bidders.

21. **<u>Bid Evaluation</u>**

Technical Bids will be evaluated and compared based on documents furnished as per clause 10 above.

The Authority may call bidder for practical demonstration and Power Point Presentation, if feels required.

Price bids of only those bidders whose technical and commercial proposals are complete and found acceptable, shall be opened online in the presence of bidders or their authorized representatives who may like to be present, on a suitable date to be intimated to such bidders separately.

22. **<u>Clarification of Bids</u>**

To assist in the examination, evaluation and comparison of bids the Authority shall at its discretion call the Bidder for clarification on its bids including presentation. All responses to request for clarification shall be in writing within two days and no change in price or substance of the bid shall be sought offered or permitted. The Authority shall not be responsible for expenses for obtaining clarifications.

23. The Authority shall not bind itself to accept the lowest bid and reserves the right to split the order if necessary and also to accept or reject any or all bids or part thereof without assigning any reason whatsoever, prior to award of contract without thereby incurring any liability to the affected Bidder or any obligation to inform the affected Bidder of the ground for the Authority's action.

24. The Authority reserves the right at the time of awards of order to increase or decrease the quantity of equipment specified in the price schedule without any change in unit prices or other terms and conditions. The successful Bidder will be bound to supply the items at the same rate and terms & conditions.

24.1 Award of work Under "Make in India" policy:- As per the policy of Government of India to promote Make in India the provisions vide order No.O-45021/2/2017-B.E.II dated 15.06.2017 of Ministry of Commerce and Industry on the subject "Public procurement (preference to Make in India)' shall be applicable to the extent possible.

25. The Authority will notify the successful Bidder in writing that the bid has been accepted. The successful Bidder will be required to enter into a contract with the Authority in the form given in these documents and has to submit Security deposit/ as per Clause 2.95 of "General Conditions of the Contract", within 10 days of award of work.

26. The Authority shall forward a draft contract to the Bidder along with award of work order. Within 10 days of receipt of such documents the successful Bidder shall sign the contract on non-judicial stamp paper of Rs. 200/- under the terms and conditions as indicated in the "DRAFT CONTRACT" forwarded by the Authority.

26.1. One copy of the Contract furnished to the successful Bidder as aforesaid shall be kept by the successful Bidder on each site in good order and the same shall at all reasonable time be available for inspection and use by the 'Authority" or his representative or by other Inspecting officers of the Authority.

26.2. None of these documents shall be used by the successful Bidder for any purpose other than that of this contract.

3(iv). Instructions to the Bidders for the e-submission of the bids online through the Central Public Procurement Portal for e-Procurement https://eprocure.gov.in/eprocure/app

1) Possession of valid Digital Signature Certificate (DSC) and enrollment/registration of the contractors/bidders on the e-procurement/e-tender portal is a prerequisite for e-tendering.

2) Bidder should do the enrollment in the e-Procurement site using the https://eprocure.gov.in/eprocure/app option available on the home page. Portal enrollment is generally free of charge. During enrollment/registration, the bidders should provide the correct/true information including valid e.mail id. All the correspondence shall be made directly with the contractors/bidders through e.mail id provided.

3) Bidder need to login to the site thro' their user ID/ password chosen during enrollment/registration.

4) Then the Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by SIFY/TCS/nCode/eMudra or any Certifying Authority recognized by CCA India on eToken/SmartCard, should be registered.

5) The DSC that is registered only, should be used by the bidder and should ensure safety of the same.

6) Contractor/Bidder may go through the tenders published on the site and download the required tender documents/schedules for the tenders he/she is interested.

7) After downloading / getting the tender document/schedules, the Bidder should go through them carefully and then submit the documents as asked.

8) If there are any clarifications, this may be obtained online thro' the tender site, or thro' the contact details. Bidder should take into account of the corrigendum published before submitting the bids online.

9) Bidder then logs in to the site through the secured log in by giving the user id/ password chosen during enrolment/registration and then by giving the password of the eToken/SmartCard to access DSC.

10) Bidder selects the tender which he/she is interested in by using the search option & then moves it to the 'my favourites' folder.

11) From the my favourites folder, he selects the tender to view all the details indicated.

12) It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidder should go through the tender schedules carefully and upload the documents as asked, otherwise, the bid will be rejected.

13) Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/xls/rar/jpg/dwf formats. If there is more than one document, they can be clubbed together and can be provided in the requested format. Each document to be uploaded through online for the tenders should be less than 2 MB. If any document is more than 2MB, it can be reduced through zip/rar and the same can be uploaded, if permitted.

14) If there are any clarifications, this may be obtained through the site, or during the pre-bid meeting if any. Bidder should take into account the corrigendum published from time to time before submitting the online bids.

15) The Bidders can update well in advance, the documents such as certificates, annual report details etc., under My Space option and these can be selected as per tender requirements and then send along with bid documents during bid submission. This will facilitate the bid submission process faster by reducing upload time of bids.

16) <u>Bidder should submit the Tender Fee/ EMD as specified in the tender.</u>

17) While submitting the bids online, the bidder reads the terms & conditions and accepts the same to proceed further to submit the bid packets.

18) The bidder has to select the payment option as offline to pay the Tender Fee/ EMD as applicable and enter details of the instruments.

19) The details of the payment through RTGS sent, should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise submitted bid will not be acceptable.

20) The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read all sections and pages of the bid document including General conditions of contract without any exception and have understood the entire document and are clear about the requirements of the tender requirements.

21) The bidder has to upload the relevant files required as indicated in the cover content. In case of any irrelevant files, the bid will be rejected.

22) If the price bid format is provided in a spread sheet file like BoQ_xxxx.xls, the rates offered should be entered in the allotted space only and uploaded after filling the relevant columns. The Price Bid/BOQ template must not be modified/ replaced by the bidder; else the bid submitted is liable to be rejected for this tender.

23) The bidders are requested to submit the bids through online e-tendering system to the Tender Inviting Authority (TIA) well before the bid submission end date & time (as per Server System Clock). The TIA will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders at the eleventh hour.

24) After the bid submission, the acknowledgement number, given by the e-tendering system should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and will also act as an entry pass to participate in the bid opening date.

25) The bidder should ensure/see that the bid documents submitted should be free from virus and if the documents could not be opened, due to virus, during tender opening, the bid is likely/ liable to be rejected.

26) The time settings fixed in the server side & displayed at the top of the tender site, will be valid for all actions of requesting, bid submission, bid opening etc., in the e-tender system. The bidders should follow this time during bid submission.

27) All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not viewable by unauthorized persons during bid submission & not be viewable by any one until the time of bid opening.

28) Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.

29) The confidentiality of the bids is maintained since the secured Socket Layer 128 bit encryption technology is used. Data storage encryption of sensitive fields is done.

30) The bidder should logout of the tendering system using the normal logout option available at the top right hand corner and not by selecting the (X) exit option in the browser.

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DATA SHEET FOR KEY DATES AND CHECK LIST

Particulars	Description
Employer	The Chairman, Inland Waterways Authority of India (IWAI), A-13, Sector-1, Noida-201301
Method of Selection	Least Cost System (LCS) selection method
Name of the Assignment / Job	Installation & Maintenance Pole beacon lamp Navigational system in NW-3.
a) Closing date for submission of Online Bid and b) Address	**Date : 30.10.2026** **Time : 15**:0**0** Hrs (IST) **Submission :** online submission The Director, Inland Waterways Authority of India,National Waterway Road, Kannadikkadu,Maradu P.O, NH 47 Bypass, Ernakulam, Kerala. PIN 682304
Estimated cost of this work	INR 52.95 lakhs. **excluding GST.**
EMD	INR 1,05,900/-
Tender Fee	INR Rs.5000/- Tender fee for the amount mentioned above shall be deposited to IWAI Fund through RTGS in the following account: Account No. : 39360627884 Name of Account: Inland Waterways Authority of India Name of the bank: State Bank of India, Vytilla Branch IFSC CODE : SBIN0008694
Minimum Bank Solvency	40% of the estimated cost of this work i.e. Rs. 21.19 lakh.
Bid Validity Period	90 days after last date of Bid Submission
Pre bid meeting	Nill
Similar Works	"**Similar Works**" means Supply, repair & installation of navigational sign boards / maintenance work mooring buoys and other navigational instruments
Authorized Representative	**Name:** Director, IWAI, Kochi
Contract Duration	12 months from the date of issuance of LOA and extendable further mutually agreed terms
Bid Opening date	**Date : 31.10.2026 Time : 15:30 hrs**

Particulars	Description
Document required for technical bid Evaluation.	1. Scanned copy of UTR no of payment towards tender cost and EMD or exemption document proof. 2. Bank solvency with issuing bank authority for verification 3. Tender acceptance letter on letter with scanned tender document with seal and signature 4. Duly signed tender form and undertaking for not blacklisted form 5. Registration certificate copy 6. Duly filled warranty form 7. Audit report with Profit& loss account, balance sheet and IT retu acknowledgement for the last 3 years (2023-24, 2024-25 & 2025-26). 8. PAN and GST registration copy 9. Prequalification work experience document 10. Local office and establishment details 11. Authorisation letter for bidding, negotiation, signing of agreement and execution work (as the case may be) 12. Bank account details with cross blank cheque
Location of Assignment	• Udyogamandal Canal • Champakkara Canal • Kottapuram - Kollam
Price Preference	Since Splitting of scope / quantity of work is not feasible keeping in view the nature of work involved, price preference clause for MSE registered firms / bidders will not be applicable.
Performance Guarantee	**5%** of the quoted amount in the form of RTGS mode payment or irrevocable bank guarantee from nationalized / scheduled bank.
Security Deposit	**5%** of the quoted amount in terms of the General Conditions of Contract.
Time schedule	• Remittance of Performance security with 15 days from date of issue of LOA • Signing of agreement with 15 days from date of issue of LOA • Maintenance of buoys for one years and extendable on mutually agreed terms. • Inspection of Nav system fortnightly with 15 days' time interval minimum.

PART – II

To be signed by the bidder and same signatory competent/authorized to sign the relevant contract on behalf of IWAI.

4(i) INTEGRITY AGREEMENT

This Integrity Agreement is made at ..... on this ..... day of ..... 20.....

BETWEEN

Chairperson, Inland Waterways Authority of India represented through Director, Inland Waterways Authority of India, National Waterway Road, Kannadikkadu, Maradu P.O, NH 47 Bypass, Ernakulam, Kerala. PIN 682 304.
(Herein after referred as the 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

AND

.....
(Name and Address of the Individual/firm/Company)
through .....(Hereinafter referred to as the
(Details of duly authorized signatory)
"Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

Preamble

WHEREAS the Principal / Owner has floated the Tender No. **IWAIKC-14/15/2026-DIR (KOCHI)/29** (hereinafter referred to as "Tender/Bid") and intends to award, under laid down organizational procedure, contract for **Installation & Maintenance Pole beacon lamp Navigational system in NW-3**. AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid, both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

Article 1: Commitment of the Principal/Owner

1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:

(a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.

(b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution.

(c) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature.

2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures.

Article 2: Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the IWAI all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

2. The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

   a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the tender process or execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the contract.

   b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process.

   c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contract(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

   d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

   e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests.

5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the bidder/contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days' notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.
2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the tender process prior to the award of the contract or terminated/determined the contract or has accrued the right to terminate/determine the contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a bidder or Contractor, or of an employee or a representative or an associate of a bidder or Contractor which constitutes corruption within the meaning of IPC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1) The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.

2) If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.

3) If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1) The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/ sub-vendors.
2) The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3) The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal/Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6: Duration of the Pact

This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.

If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority of IWAI.

Article 7: Other Provisions

1) This Pact is subject to Indian Law, place of performance and jurisdiction is the Headquarters of the Division of the Principal/Owner, who has floated the Tender.

2) Changes and supplements need to be made in writing. Side agreements have not been made.

3) If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4) Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intensions.

5) It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement/ Pact or interpretation thereof shall not be subject to arbitration.

Article 8: LEGAL AND PRIOR RIGHTS

All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact.

IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

.....
(For and on behalf of Principal/Owner)

.....
(For and on behalf of Bidder/Contractor)

WITNESSES:
1. .....
(signature, name and address)

2. .....
(signature, name and address)

Place:

Date :

4(ii) SCHEDULES-

SCHEDULE 'A' : Salient Features of the work.

Name of Work	:	Installation & Maintenance Pole beacon lamp Navigational system in NW-3.
Estimated cost of work	:	Rs. 52.95 lakhs(excluding GST)
(a) Earnest Money	:	Rs. 1,05,900.00
(b) Performance Guarantee	:	5% of contract price.
(c) Security Deposit	:	5% of contract price

SCHEDULE 'B' : General Rules & Directions with reference to General Conditions of Contract: -

(i).	**Officer inviting tender**	**:**	**Director, IWAI, Kochi**
(ii).	**Tender Accepting Authority:**		**Director, IWAI, Kochi**
(iii).	**(a) Time allowed for submission of Performance Guarantee as per clause 3.1 of GCC from the date of issue of Work Order :**		15 days.
	(b) Maximum allowable extension beyond the period provided in (iii) (a) above	**:**	20 days.
(iv)	**Percentage on Cost of Materials and Labour to cover all overheads & profits**	**:**	included in the estimate
(v)	**Standard Schedule of Rates**	**:**	Not applicable
(vi)	**Specifications to be followed**	**:**	Not applicable
(vii)	**Deviation Limit**	**:**	20% with approval of the Competent Authority

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4. (iii) GENERAL CONDITION OF CONTRACT

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CLAUSE-1 : DEFINITIONS

CLAUSE-2 : INTERPRETATIONS

CLAUSE-3 : PERFORMANCE GUARANTEE

CLAUSE-4 : SECURITY DEPOSIT

CLAUSE-5 : SUFFICIENCY OF TENDER

CLAUSE-6 : CONTRACT DOCUMENTS

CLAUSE-7 : DISCREPANCIES AND ADJUSTMENT OF ERRORS

CLAUSE-8 : DUTIES AND POWERS OF ENGINEER-IN-CHARGE'S REPRESENTATIVE

CLAUSE-9 : ASSIGNMENT AND SUB-LETTING

CLAUSE-10 : FACILITIES TO OTHER CONTRACTORS

CLAUSE-11 : CHANGE IN CONSTITUTION OF THE FIRM TO BE INTIMATED

CLAUSE-12 : COMMENCEMENT OF WORK

CLAUSE-13 : WORKS TO BE CARRIED OUT IN ACCORDANCE WITH SPECIFICATIONS DRAWINGS AND ORDERS ETC.

CLAUSE-14 : SETTING OUT THE WORKS

CLAUSE-15 : URGENT WORKS

CLAUSE-16 : DEVIATIONS, VARIATIONS, EXTENT & PRICING

CLAUSE-17 : CONTRACTOR'S SUPERVISION

CLAUSE-18 : INSTRUCTIONS AND NOTICE

CLAUSE-19 : PLANT AND EQUIPMENT

CLAUSE-20 : PATENT RIGHTS

CLAUSE-21 : MATERIALS

CLAUSE-22 : LAWS GOVERNING THE CONTRACT

CLAUSE-23 : WATCH & WARD AND LIGHTING

CLAUSE-24 : WORK DURING NIGHT OR ON SUNDAYS AND HOLIDAYS

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CLAUSE-30 : FORE CLOSURE OF CONTRACT IN FULL OR IN PART DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK

CLAUSE-31 : TERMINATION OF CONTRACT ON DEATH

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CLAUSE-41 : TAX DEDUCTION AT SOURCE

CLAUSE-42 : PAYMENT OF FINAL BILL

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CLAUSE-44 : FINALITY CLAUSE

CLAUSE-45 : SUM PAYABLE BY WAY OF COMPENSATION TO BE CONSIDERED IS REASONABLE WITHOUT PREFERENCE TO ACTUAL LOSS

CLAUSE-46 : SETTLEMENT OF DISPUTES & ARBITRATION

CLAUSE-47 : CLAIM

CLAUSE-48 : INTEREST

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GENERAL CONDITIONS OF CONTRACT

CLAUSE - 1: DEFINITIONS

In the contract, the following words & expression shall, unless context otherwise requires, have the meaning thereby respectively assigned to them:

i) **Contract**: means the documents forming the tender and acceptance thereof and the formal agreement executed between the competent authority on behalf of the Director, Inland Waterways Authority of India and the contractor, together within the documents referred to therein including these conditions, the specifications, designs, drawings and instructions issued from time to time by the Engineer-in-charge and all these documents taken together shall be deemed to form one contract and shall be complementary to one another.

ii) **Contract sum**; means the amount arrived at by multiplying the quantities shown in the schedule of quantities and price by the respective item rates as allowed.

iii) **Contractor:** means the successful Bidder who is awarded the contract to perform the work covered under this tender document and shall be deemed to include the contractor's successors, executors, representatives or assign approved by the Engineer-in-charge.

iv) **Employer** means the Director, Inland Waterways Authority of India and his successors.

v) **IWAI/ Authority/ Department/ Owner** shall mean the Inland Waterways Authority of India, which invites tenders on behalf of the Director, IWAI and includes therein-legal representatives, successors and assigns.

vi) **Engineer-In-Charge (EIC)** means the Engineer officer authorised to direct, supervise and be In-charge of the works for the purpose of this contract who shall supervise and be in charge of the work.

vii) **Engineer-in-charge representative** shall mean any officer of the Authority nominated by the Engineer-in-charge for day to day supervision, checking, taking measurement, checking bills, ensuring quality control, inspecting works and other related works for completion of the project.

viii) Chairman: means Chairman of Inland Waterways Authority of India.

ix) **Chief Engineer:** means the Chief Engineer of the Authority.

x) **Director** means the Director of the Authority, as the case may be.

xi) **Deputy Director** means the Deputy Director of the Authority, as the case may be.

xii) **Assistant Director** means the Assistant Director of the Authority, as the case may be.

xiii) **Assistant Hydrographic Surveyor** means the Assistant Hydrographic Surveyor of the Authority, as the case may be.

xiv) **Work Order** means a letter from the Authority conveying the acceptance of the tender/offer subject to such reservations as may have been stated therein.

xv) **Day** : means a calendar day beginning and ending at mid-night.

xvi) **Week** : means seven consecutive calendar days

xvii) **Month** : means the one Calendar month.

xviii) **Site** means the waterway and / or other places through which the works are to be executed.

xix) **Vessel** : Any inland vessel / dredger operating in the National Waterway including the dredging units of IWAI for carrying out the work.

xx) **Drawings** : means the drawings referred to in the specifications and / or appended with the tender document, any modifications of such drawing approved in writing by the Engineer-in-Charge and shall also include drawings/ charts issued for actual execution of the work time to time by the Engineer-in-Charge.

xxi) **Urgent Works**: means any urgent nature which in the opinion of the Engineer-In-Charge become necessary at the time of execution and / or during the progress of work to obviate any risk or accident or failure or to obviate any risk of damage to the vessel structure, or required to accelerate the progress of work or which becomes necessary for security or for any other reason the Engineer-in-Charge may deem expedient.

xxii) **Work/ works**: means work / works to be executed in accordance with the contract.

xxiii) Schedules referred to in these conditions shall mean the relevant schedules annexed to the tender papers.

xxiv) District specifications means the specifications followed by the State Government in the area where the work is to be executed.

xxv) Tendered value means the value of the entire work as stipulated in the letter of award.

CLAUSE – 2: INTERPRETATIONS

2.1 Where the contract so requires, words imparting the singular only shall also include the plural and vice versa. Any reference to masculine gender shall whenever required include feminine gender and vice versa.

2.2 Heading and marginal notes in these General Conditions shall not be deemed to form part thereof or be taken into consideration in the interpretation of construction thereof of the contract.

CLAUSE – 3: PERFORMANCE GUARANTEE

3.1 The contractor shall be required to deposit an amount equal to 5% of the contract sum as performance guarantee in the form of RTGS payment within 10 days of the issue of the work order.

3.2 In the event of contract being determined under the provision of any of the clauses/conditions of agreement, the performance guarantee shall be forfeited in full and shall be absolutely at the disposal of the authority.

CLAUSE – 4: SECURITY DEPOSIT

4.1 The security deposit will be 5% of the contract value of the work. The EMD received from successful Bidder will be converted as security Deposit on signing of the

agreement. Balance Security Deposit shall be deducted from the first three running bills of the contractor in equal installments. SD shall be valid till expiry of contract warrantee.

4.2 The total security deposit shall remain with IWAI till the completion of the warrantee period, provided the Engineer-in-Charge is satisfied that there is no demand outstanding against the contractor.

4.3 No interest will be paid on security deposit.

4.4 If the contractor neglects to observe or fails to perform any of his obligations under the contract, it shall be lawful for the Employer/ EIC to forfeit either in whole or in part, the security deposit furnished by the contractor. However, if the contractor duly performs and completes the contract in all respects and presents in absolute "NO DEMAND CERTIFICATE" in the prescribed form, the IWAI shall refund the security deposit to the contractor after deduction of cost and expenses that the Authority may have incurred and other money including all losses and damages which the Authority is entitled to recover from the Contractor.

4.5 In case of delay in the progress of work, the Engineer- in-Charge shall issue to the contractor a memo in writing pointing out the delay in progress and calling upon the contractor to explain the causes for the delay within 3 days of receipt of the memo and 10 days from issuance of memo whichever is earlier. If the Engineer-in-Charge is not satisfied with the explanations offered, he may forfeit the security deposit and / or withhold payment of pending bills in whole or in part and/ or get the measures of rectification of progress of work accelerated to the pre-defined level at the risk and cost of the contractor.

4.6 All compensation or other sums of money payable by the contractor under the terms of the contract or any other contract or on any other account whatsoever, may be deducted from or paid by the sale of a sufficient part of his security or from the interest arising there from or from any sums which may be due or may become due to the contractor by the Authority on any account whatsoever. Also in the event of the contractor's security deposit being reduced by reasons of such deductions or sale, as aforesaid the contractor shall, within 14 days of receipt of notice of demand from the Engineer-in-Charge make good the deficit in his security deposit.

4.7 In case the contractor fails to supply the spares, or when the contractor has defaulted for more than thirty days or when any amount is to be recovered from the contractor as penalty or deduction and the contractor fails to remit such amount even after due notice is given to him in this regard, IWAI at its own discretion may recover from security deposit

CLAUSE – 5: SUFFICIENCY OF TENDER

The contractor shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the works and of the rates quoted in the schedule of Quantities and Prices which shall (except as otherwise provided in the contract) cover all his obligations under the contract and all matters and things necessary for the proper execution and completion of the works in accordance with the provisions of the contract and its operation during execution of work.

CLAUSE – 6: CONTRACT DOCUMENTS

6.1 The language in which the contract documents shall be drawn up shall be English and if the said documents are written in more than one language, the language according to which the contract is to be constructed and interpreted shall be English.

6.2 The Contractor shall be furnished free of charge certified true copy of the contract document.

6.3 A copy of the Contract Documents furnished to the Contractor as aforesaid shall be kept by the Contractor on the Site in good condition and the same shall at all reasonable time be available for inspection and use by the Engineer-in-Charge, his representatives or by other Inspecting officers of the Authority.

6.4 None of these Documents shall be used by the Contractor for any purpose other than that of this contract.

CLAUSE – 7: DISCREPANCIES AND ADJUSTMENT OF ERRORS

7.1 Detailed drawings shall be followed in preference to small-scale drawings and figured dimensions in preference to scaled dimensions. The case of discrepancy between the Schedule of Quantities and prices, the Specifications and/ or the drawings, the following order of precedence shall be observed : -

(a) Description in the Schedule of Quantities and Prices.
(b) Relevant Specifications and Special Conditions, if any.
(c) Drawings.
(d) Indian Standards Specifications of BIS.

7.2 The contractor shall study and compare the drawings, specifications and other relevant information given to him by the Engineer-in-Charge and shall report in writing to the Engineer-in-Charge any discrepancy and inconsistency which he notes. The decision of the Engineer-in-Charge regarding the correct intent and meaning of the drawings and specifications shall be final and binding.

7.3 Any error in description, quantity or price in Schedule of Quantities and Prices or any omission there-from shall not vitiate the Contract or release the Contractor from the execution of the whole or any part of the work(s) comprised therein according to drawings and specifications or from any of his obligations under the contract.

7.4 If on check there is difference in the amount worked out by contractor in the schedule of quantities and prices and General summary the same shall be adjusted in accordance with the following rules:

(a) In the event of error/discrepancy occurring in the rates written in figures and words, then the rate which corresponds with the amount worked out by the contractor shall, unless otherwise proved, be taken as correct. If the amount of an item is not worked out by the contractor or it does not correspond with the rate written either in figures or in words, then the rate quoted by the contractor in words shall be taken as correct. When the rate quoted by the contractor in figures and words tally, but the amount is not worked out correctly, the rate quoted by the contractor will, unless or otherwise proved, be taken as correct.

(b) All errors in totaling in the amount column and in carrying forward totals shall be corrected.

(c) The totals of various sections of schedule of quantities and price amended shall be carried over to the General Summary and the tendered sum amended accordingly. The tendered sum so altered shall, for the purpose of tender, be substituted for the

sum originally tendered and considered for acceptance instead of the original sum quoted by the Bidder. Any rounding off of quantities or in sections of schedule of quantities and prices or in General summary by the Bidder shall be ignored.

CLAUSE–8: DUTIES AND POWERS OF THE ENGINEER–IN-CHARGE REPRESENTATIVE

8.1 The duties of the representative of the Engineer-in-Charge are to watch and supervise the works and to test and examine any materials/ parts to be used or workmanship achieved in connection with the works.

8.2 The Engineer-in-Charge may, from time to time in writing, delegate to his representative any of the powers and authorities, vested in the Engineer-in- Charge and shall furnish to the contractor a copy of all such written delegation of powers and authorities. Any written instruction or written approval given by the representative of the Engineer-in-Charge to the contractor within the terms of such delegation shall bind the contractor and the Authority as though it has been given by the Engineer-in-Charge.

8.3 Failure of the representative of the Engineer-in-Charge to disapprove any work or materials shall be without prejudice to the power of the Engineer-in-Charge thereafter to disapprove such work or materials and to order the pulling down, removal or breaking up thereof. The contractor shall, at his own expense, again carry out such works as directed by the Engineer-in-Charge.

8.4 If the Contractor is dissatisfied with any decision of the representative of the Engineer-in-Charge, he will be entitled to refer the matter to the Engineer-in- Charge who shall thereupon confirm, reverse or vary such decision and the decision of the Engineer-in-Charge in this regard shall be final and binding on the contractor.

CLAUSE – 9: ASSIGNMENT AND SUB-LETTING

The Contractor shall not sub-let, transfer or assign the whole or any part of the work under the contract. Provided that the Engineer-in-Charge may at his discretion, approve and authorize the Contractor to sub-let any part of the work, which in his opinion, is not substantial, after the contractor submits to him in writing the details of the part of the work(s) or trade proposed to be sublet, the name of the sub-contractor thereof together with his past experience in the said work/trade and the form of the proposed sub-contract. Nevertheless any such approval or authorization by the Engineer-in-Charge shall not relieve the contractor from his any or all liabilities, obligations, duties and responsibilities under the contract. The contractor shall also be fully responsible to the Authority for all the acts and omissions of the sub-contractor, his employees and agents or persons directly employed by the contractor. However, the employment of piece rate works shall not be construed as sub-letting.

CLAUSE – 10: FACILITIES TO OTHER CONTRACTORS

The contractors shall, in accordance with the requirements of the work as decided by the Engineer-in- Charge, afford all reasonable facilities to other contractors engaged contemporaneously on separate contracts and for departmental labour and labour of any other agency properly authorized by Authority or any statutory body which may be employed at the site for execution of any work not included in the contract which the Authority may enter into in connection with or ancillary to the works. In all matters of conflict of interest, the Engineer-in-Charge shall direct what compromise should be made and his decision shall be final and binding on the parties.

CLAUSE – 11: CHANGE IN THE CONSTITUTION OF THE FIRM TO BE INTIMATED

Where the contractor is a partnership firm, prior approval in writing of the Engineer-in-Charge shall be obtained before any change is made in the constitution of the firm. Where the contractor is an individual or a Hindu Undivided Family business concern, such approval, as aforesaid, shall like-wise be obtained before the contractor enters into any partnership agreement where under the partnership firm would have the right to carry out the works hereby undertaken by the contractor. If prior approval as aforesaid is not obtained the contractor shall be deemed to have been assigned in contravention to Clause 36 hereof and the same action will be taken and the same consequences shall ensure as provided for in the said clause-36.

CLAUSE – 12: COMMENCEMENT OF WORK

The contractor shall commence the work within 15 days of the issue of Letter of Award. If the contractor commits default in mobilization of resources, and equipment as aforesaid, the Engineer-in-Charge shall without prejudice to any other right or remedy be at liberty to cancel the contract and forfeit the earnest money/security deposit.

CLAUSE–13: WORKS TO BE CARRIED OUT IN ACCORDANCE WITH SPECIFICATION DRAWINGS AND ORDERS ETC.

13.1 The contractor shall execute the whole and every part of the work in the most substantial and workman like manner in strict conformity with the specifications laid down in the contract document or as may be laid down by the Engineer-in-Charge under the terms of the contract. The contractor shall also conform exactly, fully and faithfully to the designs, drawings specifications and instructions in writing in respect of the work, duly signed by the Engineer-in-Charge as may be issued from time to time.

13.2 The contractor shall be entitled to receive, on demand, in addition to the contract documents, in accordance with the provisions of contract, the documents set forth herein in respect of the work on commencement or during the performance of the contract:

(a) Specifications or revisions thereof other than standard printed specifications and charts/drawings issued to the contractor from time to time

(b) Explanations, instructions etc.

Such further drawings, explanation, modifications and instruction, as the Engineer-in-Charge may issue to the contractor from time to time in respect of the work shall be deemed to form integral part of the contract and the contractor shall be bound to carry out the work accordingly.

13.3 In the case of any class of work for which there is no specifications, such work shall be carried out in accordance with the Bureau of Indian Standards specifications. In case there are no such specifications in the BIS, work shall be carried out as per manufacturer's specifications, if manufacturer's specifications are also not available then as per District specifications. In case there are no such specifications as required, above the work shall be carried out in all respect in accordance with the instructions and requirements of the Engineer-in-Charge.

13.4 All instructions and orders in respect of the work shall be given by the Engineer-in-Charge in writing. However, any verbal instructions or order shall be confirmed by the Engineer-in-Charge as soon as practicable without loss of time and only such written instruction shall be deemed to be valid.

CLAUSE – 14: SETTING OUT THE WORKS

The contractor shall provide all assistance and adhere to the instruction of E.I.C during the course of inspection of supplied items, etc.

CLAUSE – 15: URGENT WORKS

If any urgent work (in respect of which the decision of the Engineer-in-Charge shall be final and binding) becomes necessary, the contractor shall execute the same as may be directed by Engineer-in-Charge, provided the directions are in accordance and confirmatory with provisions in Clause – 8.

CLAUSE – 16: DEVIATIONS, VARIATIONS, EXTENT AND PRICING

16.1 The Engineer-in-Charge shall have power (i) to make alteration in, omissions from, additions to, or substitutions for the original specifications, quantity, drawings, designs and instructions that may appear to him to be necessary or advisable during the progress of the work, and (ii) to omit a part of the works in case of non-availability of a portion of the site or for any other reasons and the contractor shall be bound to carry out the works in accordance with any instructions given to him in writing signed by the Engineer-in-Charge and such alterations, omissions, additions or substitutions shall form part of the contract as if originally provided therein and any altered, additional or substituted work which the contractor may be directed to do in the manner specified above as part of the works, shall be carried out by the contractor on the same conditions in all respects including price on which he agreed to do the main work except as hereafter provided.

16.2 The time for completion of the works shall, in the event of any deviations resulting in additional cost over the tendered value sum being ordered, be extended, if requested by the contractor, as follows:

(i) In the proportion which the additional cost of the altered, additional or substituted work, bears to the original tendered value plus

(ii) 20% of the time calculated in (i) above or such further additional time as may be considered reasonable by the Engineer-in-Charge after approval of the Competent Authority.

16.3 In the case of extra item(s) (items that are completely new, and are in addition to the items contained in the contract), the contractor may within fifteen days of receipt of order or occurrence of the item(s) claim rates, supported by proper analysis, for the work and the Engineer-in-Charge shall within one month of the receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

16.4 In the case of substituted items (items that are taken up with partial substitution or in lieu of items of work in the contract), the rate for the agreement item (to be substituted) and substituted item shall also be determined in the manner as mentioned in the following para.

(a) If the market rate for the substituted item so determined is more than the market rate of the agreement item (to be substituted), the rate payable to the contractor for the substituted item shall be the rate for the agreement item (to be substituted) so increased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

(b) If the market rate for the substituted item so determined is less than the market rate of the agreement item (to be substituted), the rate payable to the contractor

for the substituted item shall be the rate for the agreement item (to be substituted) so decreased to the extent of the difference between the market rates of substituted item and the agreement item (to be substituted).

16.5 In the case of contract items, substituted items, contract cum substituted items, which exceed the deviation limits laid down in **Schedule 'B'**, the contractor may within fifteen days of receipt of order or occurrence of the excess, claim revision of the rates, supported by proper analysis for the work in excess of the above mentioned limits, provided that if the rates so claimed are in excess of the rates specified in the schedule of quantities, the Engineer-in-Charge shall within one month of receipt of the claims supported by analysis, after giving consideration to the analysis of the rates submitted by the contractor, determine the rates on the basis of the market rates and the contractor shall be paid in accordance with the rates so determined.

16.6 The provisions of the paragraph 16.4 above shall also apply to the decrease in the rates of items for the work in excess of the limits laid down in Schedule 'B', and the Engineer-in-Charge shall after giving notice to the contractor within one month of occurrence of the excess and after taking into consideration any reply received from him within fifteen days of the receipt of the notice, revise the rates for the work in question within one month of the expiry of the said period of fifteen days having regard to the market rates.

16.7 Under the circumstances, the contractor shall at any stage not suspend the work on account of non-settlement of rates of such Deviated/Extra/Substituted items.

CLAUSE - 17: CONTRACTOR'S SUPERVISION

17.1 The contractor shall either himself supervise the execution of the works or shall appoint at his own expense, a qualified and experienced Engineer as his accredited agent approved by the Engineer-in-Charge, if contractor has himself not sufficient knowledge or experience to be capable of receiving instruction or cannot give his full attention to the works. The contractor or his agent shall be present at the site(s) and shall supervise the execution of the works with such additional assistance in each trade, as the work involved shall require and considered essential by the Engineer-in-Charge. Further the directions/instructions given by the Engineer-in-Charge to the contractor's agent shall be considered to have the same force as if these had been given to the contractor himself.

17.2 If the contractor fails to appoint a suitable agent as directed by the Engineer-in-Charge, the Engineer-in- Charge shall have full powers to suspend the execution of the works until such date as a suitable agent is appointed by the contractor and takes over the charge of supervision of the work. For any such suspension, the contractor shall be held responsible for delay so caused to the work.

CLAUSE - 18: INSTRUCTIONS AND NOTICE

18.1 Except as otherwise provided in this contract, all notices to be given on behalf of the Authority and all other actions to be taken on its behalf may be given or taken by the Engineer-in-Charge or any officer for the time being entrusted with the functions, duties and powers of the Engineer-in-Charge.

18.2 All instructions, notices and communications etc. under the contract shall be given in writing and any such oral orders / instructions given shall be confirmed in writing and no such communication which is not given or confirmed in writing shall be valid.

18.3 All instructions, notices and communications shall be deemed to have been duly given or sent to the contractor, if delivered to the contractor, his authorized agent, or left at, or posted to the address given by the contractor or his authorized agent or to the last known place of abode or business of the contractor or his agent of services by post shall be deemed to have been served on the date when in the ordinary course of post these would have been delivered to him and in other cases on the day on which the same were so delivered or left.

CLAUSE -19: PLANT AND EQUIPMENT

19.1 The plants and equipments required for the execution of works and all additional necessary plant, equipment and machinery required for the execution of the work under the contract shall be use such methods and appliances for the purpose of all the operations connected with the work covered by the contract, which shall ensure the completion of work(s) within the specified time.

19.2 The contractor shall operate, maintain, repair and safeguard the plants and equipments during the tenancy of the contract in accordance with terms and conditions, specifications of the contract and instructions of the Engineer in Charge.

19.3 Subject to the availability of any item(s), plant, equipment and machinery, the Authority at the written request of the contractor, may issue to the contractor on hire for being deployed on the work contracted for, at pre- determined rates, terms and conditions at the sole discretion of the Engineer-in-Charge.

CLAUSE – 20: PATENT RIGHTS

The contractor shall indemnify the Authority, its representatives or its employees against any action, claim or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties or other charges which may be payable in respect of any article or material or part thereof included in the contract. In the event of any claim being made or action being brought against the Authority or any agent, servant or employee of the Authority in respect of any such materials as aforesaid the contractor shall immediately be notified thereof. Provided that such indemnification shall not apply when such infringement has taken place in complying with the specific directions issued by the Authority but the contractor shall pay any royalties or other charges payable in respect of any such use, the amount so paid being reimbursement to the contractor only if the use was the result of any drawings and or specifications issued after submission of the tender.

CLAUSE – 21: MATERIALS

21.1 The contractor shall at his own expenses provide / arrange all materials required for the bona-fide use on work under the contract.

21.2 All materials/parts to be provided by the contractor shall be in conformity with the specifications laid down in the contract and the contractor shall furnish from time to time proof and samples, at his own cost, the materials/parts as may be specified by the Engineer-in-Charge. Further the Engineer-in-Charge shall also have powers to have such tests, in addition to those specified in the contract, as may be required and the contractor shall provide all facilities to carry out the same. The cost of materials/parts consumed in such tests and also the expenses incurred thereon including the cost of the testing charges, shall be borne by the contractor in all cases and also where such tests which are in

addition to those provided in the contract disclose that the materials are in conformity with the provisions of the contract.

21.3 The Engineer-in-Charge or his representative shall be entitled at any time to inspect and examine any plants, materials/parts intended to be used in the works, either on the site or at factory or workshop or other place(s) where such materials are assembled, fabricated, manufactured or any place where these are lying or from where these are being obtained. For this, purpose, the contractor shall afford such facilities as may be required for such inspection and examination.

CLAUSE - 22: LAWS GOVERNING THE CONTRACT

The Courts **AT NOIDA** only shall have the jurisdiction for filing the award of the arbitration and for any other judicial proceedings.

CLAUSE - 23: WATCH & WARD AND LIGHTING

The Contractor shall provide and maintain at his expense all lights, guards, fencing and watch & ward when and where necessary or as required by the Engineer-in-Charge for the protection of the works or for the safety and convenience of those employed on the works or the public.

CLAUSE - 24: WORK DURING NIGHT OR ON SUNDAYS AND HOLIDAYS

24.1 Subject to any provisions to the contrary contained in the contract, none of the works shall be carried out during Sundays and national holidays without the permission in writing of the Engineer-in-Charge. However, when work is unavoidable or necessary for safety of life, property or works, contractor shall take necessary action immediately and advise the Engineer-in-Charge accordingly.

24.2 The Engineer-in-Charge at its discretion may, however, direct the contractor that the work may be carried out on holidays, Sundays and/or in extra shifts to ensure completion of works under the contract as scheduled.

CLAUSE - 25: LABOUR

25.1 (a) The contractor shall employ labour in sufficient numbers to maintain the required rate of progress and of quality to ensure workmanship of the degree specified in the contract and to the satisfaction of the Engineer-in-Charge. The Contractor shall not employ in connection with the works any person who has not completed eighteen years of age the minimum age specified in Indian Labour Law.

(b) If any foreigner is employed by the contractor on the work within the site the later shall ensure that such foreigner possesses the necessary special permit issued by the Civil Authorities in writing and also comply with the instructions issued there-from from time to time. In the event of any lapse in this regard on the part of such foreigner the contractor shall be personally held responsible for the lapse & Authority shall not be liable in any event.

(c) The Contract is liable for cancellation if either the contractor himself or any of his employee is found to be a person who has held Class-I post under the Authority immediately before retirement and has within **two years** of such retirement

accepted without obtaining the previous permission of the Authority or of the Chief Engineer as the case may be and employment as contractor for, or in connection with the execution of the public works, or as an employee of such contractor. If the contract is terminated on account of the failure of the contractor to comply with the above clause, the Authority shall be entitled to recover from him such damages as may be determined by the Engineer-in-Charge with due regard to the inconvenience caused to the Authority on account of such termination without prejudice to the Authority's right to proceed against such officer.

25.2 The contractor shall furnish and deliver fortnightly to the Engineer-in-Charge, a distribution return of the number and description by trades of the works of people employed on the works. The contractor shall also submit on the 4th and 19th of every month for the period of second half of the preceding month and first half of the current month respectively to the Engineer-in-Charge, a true statement in respect of the following.

i) Any accident if occurred during the said fortnight showing the circumstances under which it happened and the extent of damage and injury caused by it and.

ii) The number of female workers who have been allowed maternity benefit as provided in the Maternity Benefit Act 1961 or Rules made there-under and the amount paid to them.

25.3 The Contractor shall pay to labourer employed by him either directly or through sub-contractors wages not less than wages as defined in Minimum Wages Act 1948 and Contract Labour (Regulation and Abolition) Act 1970 amended from time to time and rules framed there-under and other labour laws affecting contract labour that may be brought in force from time to time.

25.4 The Contractor shall also comply with the provisions of all Acts, Laws, any Regulation or Bye Laws of any Local or other Statutory Authority applicable in relation to the execution of works such as:

i) Payment of Wages Act, 1936 (Amended)

ii) Minimum Wages Act, 1948 (Amended).

iii) The Contract Labour (Regulation & Abolition) Act, 1970 with Rules framed there under as amended.

iv) Workmen Compensation Act, 1923 as amended by Amendment Act no.65 of 1976.

v) Employer's Liability Act 1938 (Amended)

vi) Maternity Benefit Act. 1961 (Amended)

vii) The Industrial Employment (Standing orders) Act 1946 (Amended).

viii) The Industrial Disputes Act. 1947 (Amended)

ix) Payment of Bonus Act.1965 and Amended Act No. 43 of 1977 and No. 48 of 1978 and any amended thereof:

x) The Personal Injuries (Compensation Insurance) Act 1963 and any modifications thereof and rules made there-under from time to time. The Contractor shall take into account all the above and financial liabilities in his quoted rates and nothing extra, whatsoever, shall be payable to him on this account.

The list is indicative only, otherwise the contractor should be aware of all the Acts/Labour Laws and should follow diligently on the work. The contractor shall be fully and personally responsible for the violation of any Act/Labour Law

25.5 The Contractor shall be liable to pay his contribution and the employees contribution to the State Insurance Scheme in respect of all labour employed by him for the execution of the contract, in accordance with the provision of "the Employees State insurance Act 1948" as amended from time to time. In case the Contractor fails to submit full details of his account of labour employed and the contribution payable, the Engineer-in- Charge shall recover from the running bills the contribution amount as assessed by him. The amount so recovered shall be adjusted against the actual contribution payable for Employees State Insurance.

25.6 The Engineer-in-Charge shall on a report having been made by an inspecting officer as defined in the Contract Labour (Regulation and Abolition) Act and Rules or on his own in his capacity as Principal Employer, have the power to deduct from the amount due to the contractor any sum required for making good the loss suffered by worker(s) by reason of non-fulfillment of the conditions of the Contract for the benefit of Workers, nonpayment of wages or on account of deduction made from the wages of the workers which are not justified by the terms of the contract or non- observance of the said Act and Rules framed there under with amendments made from time to time.

25.7 The Contractor shall indemnify the Authority against any payments to be made under and for observance of the Regulation Laws, Rules as stipulated in Clause-25.4 above without prejudice to his right to claim indemnity from his sub-contractors. In the event of the contractor's failure to comply with the provisions of all the Acts/Laws stipulated in Clause-25.4 or in the event of decree or award or order against the contractor having been received from the competent authority on account of any default or breach or in connection with any of the provisions of the Acts/Laws/Rules mentioned in Sub-Clause 25.4 above, the Engineer-in-Charge without prejudice to any other right or remedy under the contract shall be empowered to deduct such sum or sums from the Bill of the contractor or from his security deposit or from other payment due under this contract or any other contract to satisfy within a reasonable time the provisions of the various Acts/Laws/Rules/Codes as mentioned under Sub-Clause 25.4 above, on the part of the contractor under the contract on behalf of and at the expenses of the contractor and make payment and /or provide amenities/ facilities/services accordingly. In this regard, the decision of the Engineer-in-Charge shall be conclusive and binding on the contractor.

25.8 In the event or the Contractor committing a default or breach of any of the provisions of the aforesaid Contract's Labour (Regulation and Abolition) Act and Rules as amended from time to time or furnishing any information or submitting or filling any form/Register/Slip under the provisions of these Regulations which is materially incorrect then on the report of the Inspecting officer as defined in the relevant Acts and Rules as referred in Clause 25.4 above, the Contractor shall without prejudice to any other liability pay to the Authority a sum not exceeding Rs.50/- (Rs. Fifty only) as liquidated damages for every default, breach or furnishing, making, submitting, filling materially incorrect statement as may be fixed by the Engineer-in-Charge. The decision of the Engineer-in-Charge in this respect shall be final & binding.

25.9 The Contractor shall at his own expenses comply with or cause to be complied with the Provisions/ Rules provided for welfare and health of Contract Labour in the Contract Labour (Regulation and Abolition) Act and other relevant Acts and Rules framed there under or any other instructions issued by the Authority in this regard for the protection of health and for making sanitary arrangements for workers employed directly or indirectly on the works. In case the contractor fails to make arrangements as aforesaid, the Engineer-in-Charge shall be entitled to do so and recover the cost thereof from the contractor.

25.10 The Contractor shall at his own expense arrange for the safety or as required by the Engineer-in-Charge, in respect of all labour directly or indirectly employed for performance of the Works and shall provide all facilities in connection therewith. In case the contractor fails to make arrangements and provide necessary facilities as aforesaid, the Engineer-in- Charge shall be entitled to do so and recover the cost thereof from the Contractor. But this will not absolve the contractor of his responsibility or otherwise thereof.

25.11 Failure to comply with "Provisions/Rules made for Welfare and Health of Contract Labour" Safety Manual, or the provisions relating to report on accidents and grant of maternity benefits to female workers and the relevant Acts/Rules referred in clause 25.4 above shall make the contractor liable to pay to the Authority as liquidated damages an amount not exceeding Rs. 50/- for each default or materially incorrect statement. The decision of the Engineer-in-Charge in such matters based on reports from the inspecting Officers as defined in the relevant Acts and Rules as referred in clause 25.4 above shall be final and binding and deductions for recovery of such liquidated damages may be made from any amount payable to the contractor. In the event of any injury, disability or death of any workmen in or about the work employed by the contractor either directly or through his sub-contractor, contractor shall at all time indemnify and save harmless the Authority against all claims, damages and compensation under the Workmen Compensation Act. 1923 as amended from time to time or in other Law for the time being in force and Rules there-under from time to time and also against all costs, charges and expenses of any smooth action by proceedings arising out of such accidents or injury, disability or death of a workmen and against all sum or sums which may with the consent of the contractor be paid to compromise or compound any claim in this regard. If any award, decree or order is passed against the contractor for recovery of any compensation under the Workmen Compensation Act, 1923, for any injury, disability or death of a workman by any competent court, the said sum or sums shall be deducted by the Engineer-in-Charge from any sum then due or that may become due to the contractor or from his security deposit or sale thereof in full or part under the contract or any other contract with the Authority towards fulfillment of the said decree, award or orders.

25.12 Provided always that the contractor shall have no right to claim payments/claims whatsoever on account of his compliance with his obligations under this clause and Labour Regulations.

25.13 The contractor shall not otherwise than in accordance with the statutes ordinance and Government Regulations or orders for the time being in force import, sell, give, barter or otherwise dispose of any alcoholic liquor or drugs to permit or suffer any such import, sale, gift, barter or disposal by his sub-contractor, agent or employees.

25.14 The contractor shall not give, barter or otherwise dispose of to any person or persons any arms or ammunition of any kind or permit to suffer the same as aforesaid.

25.15 The Contractor shall employ for the execution of the works only such persons as are skilled and experienced in their respective trades and Engineer-in-Charge shall be at liberty to object to and require the contractor to remove from the works any persons employed by the Contractor for the execution of the works who, in the opinion of the Engineer-in-Charge, misconduct himself or is incompetent or negligent in the proper performance of his duties. The contractor shall forthwith comply with such requisition and such person shall not be again employed upon the works without permission of the Engineer-in-Charge.

25.16 Release of Security deposit after labour clearance: Security deposit of the work shall not be refunded till the contractor produces a clearance certificate from the Labour Officer. As soon as the work is virtually completed, the contractor shall apply for clearance certificate to the Labour Officer under intimation to Engineer-in-Charge. The Engineer-in-Charge on the receipt of such communication shall write to Labour Officer to intimate if any complaint is pending against the contractor in respect of the work. If no complaint is pending on record till after three months after completion of work and/or no communication is received from Labour Officer to this effect till six months after the date of completion, it will be deemed to have received the clearance certificate and the security deposit will be released if otherwise due.

CLAUSE – 26: FORCE MAJEURE

26.1 The term Force Majeure shall herein mean Riots (other than among the contractor's employees), Civil Commotion (to the extent no insurable), war (whether declared or not), invasion, act of foreign enemies, hostilation, civil war, rebellion, revolution, insurrection, military or usurped power, damage from aircraft, nuclear fission, acts of God, such as earthquake (above 7 magnitude on Richter Scale), lightning, unprecedented floods, fires not caused by contractor's negligence and other such causes over which the contractor has no control and are accepted as such by the Engineer-in-Charge, whose decision shall be final and binding. In the event of either party being rendered unable by Force Majeure to perform any obligation required to be performed by them under this contract, the relative obligation of the party affected by such Force Majeure shall be treated as suspended for the period during which such Force Majeure cause lasts, provided the party allowing that it has been rendered unable as aforesaid, thereby shall notify within 15 days of the alleged beginning and ending thereof giving full particulars and satisfactory evidence in support of such cause.

26.2 For delays arising out of Force Majeure, the bidder shall not claim extension in completion date for a period exceeding the period of delay attributable to the causes of Force Majeure and neither the Authority nor the bidder shall be liable to pay extra costs provided it is mutually established that Force Majeure conditions did actually exist.

26.3 If any of the Force Majeure conditions exists in the places of operation of the bidder even at the time of submission bid, he shall categorically specify in his bid and state whether they have been taken into consideration in their quotations.

CLAUSE - 27: LIABILITY FOR DAMAGE, DEFECTS OR IMPERFECTIONS AND RECTIFICATION THEREOF

27.1 If the contractor or his labour or his sub-contractor, injure, destroy or damage, battery, solar panel, lighting system, road, fence, enclosures, water pipe, cables, buildings, drains, electricity or telephone posts, wires, trees, grass line, cultivated land in the area in which they may be working or in the area contiguous to the premises on which the work or any part of it is being executed or if any damage is caused to any item belonging to IWAI or

to any person during the progress of work, the Contractor shall upon receipt of a notice in writing in that behalf from the Engineer-in-Charge, make good the same at his cost.

27.2 If it appears to the Engineer-in-Charge or his representative at any time during the progress of work or prior to the expiration of the Defects Liability period that any work has been executed with unsound, imperfect or unskilled workmanship or that any materials or articles provided by the Contractor for execution of the work are unsound or of a quality inferior to that contracted for, or otherwise not in accordance with the Contract, or that any defect, shrinkage or other faults found in the work arising out of defective design or defective/ improper materials or workmanship, the Contractor shall, upon receipt of a notice in writing in that behalf from the Engineer-in-Charge forthwith rectify or remove and reconstruct the work so specified in whole or in part, as the case may be, and/or remove the materials/articles so specified and provide other proper and suitable materials at his expense.

27.3 All damages caused by accidents or carelessness of the contractor or any of his employees or any property belonging to the Authority is wasted or is misused by the contractor or any of his employees shall be to the account of the contractor, who shall make good the loss.

27.4 **Defects liability period** for the works shall be **12 months** from the date of completion of all supply of total quantity of items.

CLAUSE – 28: CONTRACTOR'S LIABILITY AND INSURANCE

28.1 From commencement to completion of the work(s) as a whole, the Contractor shall take full responsibility for the care thereof and for taking precautions to prevent loss or damage. He shall be liable for any damage or loss that may happen to the works or any part thereof and to the Authority's Plant, Equipment and Material (hired or issued to the Contractor) shall be in good order and condition and in conformity in every respect with the requirements of the Contract and instructions of the Engineer-in-Charge.

28.2 i) Neither party to the contract shall be liable to the other in respect of any loss or damage which may occur or arise out of "Force Majeure" to the works or any part thereof on to any material or article at site but not incorporated in the works or to any person or anything or material whatsoever or either party provided such a loss or damage could not have been foreseen or avoided by a prudent person and the either party shall bear losses and damages in respect of their respective men and materials. As such liability of either party shall include claims/ compensations of the third party also.

ii) Provided, however, in an eventuality as mentioned in sub-clause - 29.2 (i) above, the following provisions shall also have effect:

(a) The Contractor shall, as may be directed in writing by the Engineer-in-Charge proceed with the completion of the works under and in accordance with the provisions and conditions of the contract, and

(b) The Contractor shall, as may be directed in writing by the Engineer-in-charge, re-execute the works lost or damaged, remove from the site any debris and so much of the works as shall have been damaged and carry the Authority's T & P, Plant and Equipment, Material etc. to the Authority's store. The cost of such re-execution of the works, removal of damaged

works and carrying of Authority's store shall be ascertained in the same manner as for deviations and this shall be ascertained in the same manner as for deviations and this shall be added to the contract sum. Provided always that the Contractor shall, at his own cost, repair and make good so much of the loss or damage as has been occasioned by any failure on his part to perform his obligations under the contract or not taking precautions to prevent loss or damage or minimise the amount of such loss or damage, Final assessment of loss or damage shall be decided by the Engineer-in-Charge and his decision shall be final and binding.

28.3 The contractor shall take special precautions to see that public places and roads adjacent to contractor's yard are not blocked at anytime either by his material or by his workmen. The roads are to be kept always clear and no equipment/materials shall be stacked.

28.4 The navigable waterways shall not be blocked by Contractor's vessels. The anchors dropped in the waterways shall be properly marked and removed after done with.

28.5 The contractor shall indemnify and keep indemnified the Authority against all losses and claims for death, injuries or damage to any person or any property whatsoever which may arise out of or in consequence of the construction and maintenance, of works during the contract period and also against all claims, demands, proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto, and such liabilities shall include claims/compensations of the third party.

28.6 (a) Before commencing execution of the work, the Contractor shall without in any way limiting his obligations and responsibilities under this condition, insure against any damage, loss or injury which may occur to any property (excluding that of the Authority but including the Authority building rented to the contractor wholly or in part and any part of which is used in part and any part of which is used by him for storing combustible materials) public liability by arising out of the carrying out of the contract. For this purpose the contractor shall take out, pay all costs and maintain throughout the period of his contract public liability with the following coverage.

i) Public liability limits for bodily injury or death not less than Rs. 1,00,000 for one person and Rs. 2,00,000 for each accident.

ii) Property liability limits for each accident not less than Rs. 1,00,000 ;

iii) The Contractor shall prove to the Engineer-in Charge from time to time that he has taken out all the insurance policies referred to above and has paid the necessary premiums for keeping the policies alive till expiry of the Defects Liability Period.

(b) The Contractor shall ensure that similar insurance policies are taken out by his sub-contractor (if any) and shall be responsible for any claims or losses to the Authority resulting from their failure to obtain adequate insurance protection in connection thereof. The Contractor shall produce or cause to be produced by his sub-contractors (if any) as the case may be, relevant, policy or policies and premium receipt as and when required by the Engineer-in-Charge.

(c) If the contractor and/or his sub- contractor (if any) shall fail to effect and keep in force the insurance referred to above or any other insurance which he/they may be required to effect under the term of the Contract then and in any such case the

Authority may, without being bound to effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the Authority from any moneys due or which may become due to the contractor or recover the same as a debt due from the contractor.

(d) The contractor shall at his own expense arrange for the safety provisions as required in respect of the works covered under this contract as per the instruction of Engineer-in-charge. In case, the contractor fails to comply with the provisions of the safety the Engineer- in-Charge shall be entitled to and make the necessary arrangements at the risk and cost of the contractor. This will, however, not absolve the Contractor of his overall responsibility to execute the works under the contract.

CLAUSE – 29: SUSPENSION OF WORKS

29.1 The contractor shall on the receipt of order of the Engineer-in-Charge (whose decision shall be final and binding on the contractor) suspend the progress of the works or any part thereof for such time or times and in such manner as the Engineer-in-Charge may consider necessary.

29.2 The suspension of the work can be done by Engineer-in-Charge for any of the following reasons:

(a) On account of any default on the part of the contractor or
(b) for proper execution of the works or part thereof for the reasons other than the default of the contractor or
(c) for the safety of the works or part thereof.

29.3 The contractor shall during the suspension period, properly protect and secure the works to the extent necessary and carry out the instructions given in that behalf by the Engineer-in-Charge.

29.4 If the suspension is ordered for the reasons under the Clause 30.2(b) and (c) above, the contractor shall be entitled to the extension of time equal to the period of every such suspension Plus 25% for the completion of the item or group of items of work for which a separate period of completion is specified in the contract and of which suspended work forms a part

CLAUSE – 30: FORECLOSURE OF CONTRACT IN FULL OR IN PART DUE TO ABANDONMENT OR REDUCTION IN SCOPE OF WORK

If at any time after acceptance of the tender the Authority decides to abandon or reduce the scope of the works for reason whatsoever and hence does not require the whole or any part of the works to be carried out, the Engineer-in-Charge (with the prior approval of competent authority mentioned in schedule 'B') shall give notice in writing to that effect to the contractor and the Contractor shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage which he might have derived from the execution of the works in full but which he could not derive in consequence of the fore closure of the whole or part of the works.

CLAUSE – 31: TERMINATION OF CONTRACT ON DEATH

If the Contractor is an individual or a proprietary concern and the individual or the proprietor dies, or if the Contractor is a partnership concern and one of the partners dies, then, unless the Engineer-in-Charge is satisfied that the legal representatives of the individual contractor or of the proprietor of the proprietary concern and in the case of partnership, the surviving partners are capable of carrying out and completing the contract, the Engineer-in-Charge shall be entitled to terminate the Contract as to its incomplete part without the Authority being in anyway liable to payment of any compensation whatsoever on any account to the estate of the deceased Contractor and/or to the surviving partners of the Contractor's firm on account of termination of the Contract. The decision of the Engineer-in-Charge that the legal representatives of the deceased contractor or the surviving partners of the Contractor's firm cannot carry out and complete the works under the contract shall be final and binding on the parties. In the event of such termination, the Authority shall not hold the estate of the deceased Contractor and/or the surviving partners of the Contractor's firm liable for damages for not completing the contract. Provided that the power of the Engineer-in-Charge of such termination of contract shall be without prejudice to any other right or remedy which shall have accrued or shall accrue to him under the contract.

CLAUSE– 32: CARRYING OUT PART OF WORK AT THE RISK AND COST OF THE CONTRACTOR

32.1 If the contractor

(i) At any time makes default during the **currency** of work or does not execute any part of the work with due diligence and continues to do so even after a notice in writing of 7 days in this respect from the Engineer-in-Charge; **or**

(ii) Commits default in complying with any of the terms and conditions of the contract and does not remedy it or takes effective steps to remedy it within 7 days even after a notice in writing is given in that behalf by the Engineer-in-Charge; **or**

(iii) Fails to complete the work (s) or items of work with individual dates of completion, on or before the date (s) so determined, and does not complete them within the period specified in the notice given in writing in that behalf by the Engineer-in-Charge.

32.2 The Engineer-in-Charge without invoking action under **clause 35** may, without prejudice to any other right or remedy against the contractor which have either accrued or accrue thereafter to IWAI, by a notice in writing to take the part work/ part incomplete work of any item (s) out of his hands and shall have powers to:

(a) Take possession of the site and any materials, constructional plant, implements, stores, etc., thereon; and/ or

(b) Carry out the part work/ part incomplete work of any items (s) by any means at the risk and cost of the contractor.

32.3 The Engineer-in-Charge shall determine the amount, if any, is recoverable from the contractor for completion of the part work/ part incomplete work of any item (s) taken out of his hands and execute at the risk and cost of the contractor, the liability of contractor on account of loss or damage suffered by IWAI because of action under this clause shall not exceed 10% of the tendered value of the work.

32.4 In determining the amount, credit shall be given to the contractor with the value of work done in all respect in the same number and at the same rate as if it had been carried out by the original contractor under the terms of his contract, the value of contractor's materials taken over and incorporated in the work and use of plant and machinery

belonging to the contractor. The certificate of the Engineer-in-Charge as to the value of work done shall be final and conclusive against the contractor provided always that action under this clause shall only be taken after giving notice in writing to the contractor. Provided also that if the expenses incurred by the IWAI are less than the amount payable to the contractor at his agreement rates, the difference shall not be payable to the contractor.

32.5 Any excess expenditure incurred or to be incurred by IWAI in completing the part work/ part incomplete work of any item (s) or the excess loss of damages suffered or may be suffered by IWAI as aforesaid after allowing such credit shall without prejudice to any other right or remedy available to IWAI in law or per as agreement be recovered from any money due to the contractor on any account, and if such money is insufficient, the contactor shall be called upon in writing and shall be liable to pay the same within 30 days.

32.6 If the contractor fails to pay the required sum within the aforesaid period of 30 days, the Engineer-in-Charge shall have the right to sell any or all of the contractors' unused materials, constructional plant, implements, temporary building at site etc. and adjust the proceeds of sale thereof towards the dues recoverable from the contactor under the contract and if thereafter there remains any balance outstanding, it shall be recovered in accordance with the provisions of the contract.

32.7 In the event of the above course being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reason of his having purchased or procured any materials or entered into any engagements or made any advance on any account or with a view to the execution of the work or the performance of the contract.

CLAUSE - 33: COMPLETION TIME AND EXTENSIONS

33.1 The Engineer-in-Charge will make available to the contractor the site to enable the contractor to commence & proceed with the execution of the work in accordance with agreed programme. If there is any delay in making available any area of the work or the delays mentioned in Para 34.4, the competent authority as specified in schedule 'B' on the recommendations of the Engineer-in-Charge shall grant reasonable extension of time for completion of work. But the contractor shall not claim any compensation whatsoever on this account.

33.2 If after the award of the work the contractor commits defaults in commencing the execution of work as aforesaid, Govt. shall without prejudice to any other right or remedy available in law, be at liberty to forfeit the earnest money & performance guarantee absolutely.

33.3 As soon as possible after the Contract is concluded, the Contractor shall submit a Time and Progress Chart get it approved by the Department. The Chart shall be prepared in direct relation to the time stated in the Contract documents for completion of items of the works. It shall indicate the forecast of the dates of commencement and completion of various trades of sections of the work.

33.4 However, if the work (s) be delayed by:-

(i) Force majeure as per clause 26, or
(ii) Abnormally bad weather, or
(iii) Serious loss or damage by fire, or

(iv) Civil commotion, local commotion of workmen, strike or lockout, affecting any of the trades employed on the work, or

(v) Delay on the part of other contractors or tradesman engaged by Engineer-in-Charge in executing work not forming part of the contract, or

(vi) Non-availability of stores, which are the responsibility of Government to supply or

(vii) Non-availability of breakdown of Tools and Plant to be supplied or supplied by Government or

(viii) Any other cause which, in the absolute discretion of the Engineer-in-Charge is beyond the Contractor's control.

then immediately upon the happening of any such events as aforesaid, the contractor shall inform the Engineer-in-Charge accordingly, but the contractor shall nevertheless use constantly his best endeavours to prevent and/or make good the delay and shall do all that may be required in this regard. The Contractor shall also request, in writing, for extension of time, to which he may consider himself eligible under the contract, within fourteen days of the date of happening of any such events as indicated above.

33.5 In case the cost of the work is more than 10 Crores, then the total scope of work will be divided into milestones. The contractor shall submit a Time & Progress chart for each milestone and get it approved by the competent authority.

33.6 Request for rescheduling of Mile stones and extension of time, to be eligible for consideration, shall be made by the Contractor in writing within fourteen days of the happening of the event causing delay on the prescribed form to the competent authority as indicated in Schedule 'B'. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.

33.7 In any such case as may have arisen due to any of the events, as aforesaid, and which may have been brought out by the contractor in writing, the Competent Authority mentioned in Scheduled 'B' may give a fair and reasonable extension of time, after taking into consideration the nature of the work delayed and practicability of its execution during the period of extension.

33.8 Such extensions shall be communicated to the contractor by the Engineer-in-Charge in writing. The contractor shall not be entitled to claim any compensation or over run charges whatsoever for any extension granted.

CLAUSE – 34: LIQUIDATED DAMAGES FOR DELAY

34.1 If the contractor fails to maintain the required progress in terms of clause 34 or to complete the work and clear the site on or before the date of completion as per the contract or extended date of completion, he shall, without prejudice to any other right or remedy available under the law to the authority on account of such breach, pay as agreed liquidated damages the amount calculated at the rates stipulated below.

Liquidated Damages @ 1.5 % of the contract value per month of delay of work provided that the total amount of compensation for delay to be paid under this condition shall not exceed 10% of the Tendered Value of work.

The competent authority mentioned in Schedule 'B' (whose decision in writing shall be final & binding) may decide on the amount of tendered value of the work for every completed day/month (as applicable) that the progress remains below that specified in Clause 34 or that the work remains incomplete.

The amount of liquidated damages may be adjusted or set-off against any sum payable to the Contractor under this or any other contract with the authority.

34.2 In case of contracts having tendered amount more than 10 Crores, if the contractor does not achieve a particular milestone mentioned in schedule 'B', or the re-scheduled milestone(s) in terms of Clause 34.6, the amount shown against that milestone shall be withheld, to be adjusted against the liquidated damages levied at the final decision on Extension of Time. With-holding of this amount on failure to achieve a milestone, shall be automatic without any notice to the contractor. However, if the contractor catches up with the progress of work on the subsequent milestone(s), the withheld amount shall be released. In case the contractor fails to make up for the delay in subsequent milestone(s), amount mentioned against each milestone missed subsequently also shall be withheld. However, no interest, whatsoever, shall be payable on such withheld amount.

34.3 In case of contracts having tendered amount less than 10 Crores, if the work remains incomplete after the stipulated date of completion, the Engineer-in-charge may withheld 10% of the tendered value of the work from the running payments of the contractor pending final decision of the competent authority mentioned in schedule 'B' on the extension of time case. If the competent authority decides to grant extension of time without levy of liquidated damages or levy part of the total liquidated damages specified above then the balance withheld amount after adjusting the amount of the liquidated damages levied by the competent authority will be refunded to the contractor.

CLAUSE – 35: WHEN THE CONTRACT CAN BE DETERMINED

35.1 Subject to other provisions contained in this clause, the Engineer-in-Charge may, without prejudice to his any other rights or remedy against the contractor in respect of any delay, inferior workmanship, any claims for damages and/or any other provisions of this contract or otherwise, and whether the date of completion has or has not elapsed, by notice in writing absolutely determine the contract in any of the following cases:

(i) If the contractor having been given by the Engineer-in-Charge a notice in writing to rectify, reconstruct or replace any defective work or that the work is being performed in an inefficient or otherwise improper or un-workman like manner shall omit to comply with the requirement of such notice for a period of seven days thereafter.

(ii) If the contractor has, without reasonable cause, suspended the progress of the work or has failed to proceed with the work with due diligence so that in the opinion of the Engineer-in-Charge he will be unable to secure completion of the work by the date for completion and continues to do so after a notice in writing of seven days from the Engineer-in-Charge.

(iii) If the contractor fails to complete the work within the stipulated date or items of work with individual date of completion, if any stipulated, on or before such date(s) of completion and does not complete them within the period specified in a notice given in writing in that behalf by the Engineer-in-Charge.

(iv) If the contractor persistently neglects to carry out his obligations under the contract and/ or commits default in complying with any of the terms and conditions of the contract and does not remedy it or take effective steps to remedy it within 7 days after a notice in writing is given to him in that behalf by the Engineer-in-Charge.

(v) If the contractor shall offer or give or agree to give to any person in IWAI service or to any other person on his behalf any gift or consideration of any kind as an inducement or reward for doing or forbearing to do or for having done or forborne to do any act in relation to the obtaining or execution of contract.

(vi) If the contractor shall enter into a contract with IWAI in connection with which commission has been paid or agreed to be paid by him or to his knowledge, unless the particulars of any such commission and the terms of payment thereof have been previously disclosed in writing to the Engineer-in-Charge.

(vii) If the contractor shall obtain a contract with IWAI as a result of wrong tendering or other non-bona-fide methods of competitive tendering or commits breach of integrity pact.

(viii) If the contractor being an individual, or if a firm, any partner thereof shall at any time be adjudged insolvent or have a receiving order or order for administration of his estate made against him or shall take any proceedings for liquidation or composition (other than a voluntary liquidation for the purpose of amalgamation or reconstruction) under any Insolvency Act for the time being in force or make any conveyance or assignment of his effects or composition or arrangement for the benefit of his creditors or purport so to do, or if any application be made under any Insolvency Act for the time being in force for the sequestration of his estate or if a trust deed be executed by him for benefit of his creditors.

(ix) If the contractor being a company shall pass a resolution or the court shall make an order that the company shall be wound up or if a receiver or a manager on behalf of accredit or shall be appointed or if circumstances shall arise which entitle the court or the creditor to appoint a receiver or a manager or which entitle the court to make a winding up order.

(x) If the contractor shall suffer an execution being levied on his goods and allow it to be continued for a period of 21 days.

(xi) If the contractor assigns, transfers, sublets (engagement of labour on a piece-work basis or of labour with materials not to be incorporated in the work, shall not be deemed to be subletting) or otherwise parts with or attempts to assign, transfer, sublet or otherwise parts with the entire works or any portion thereof without the prior written approval of the Engineer -in-Charge.

When the contractor has made himself liable for action under any of the cases aforesaid, the Engineer-in-Charge on behalf of the IWAI with the approval of the competent authority mentioned in schedule ‘B’ shall have powers:

(a) To determine the contract as aforesaid (of which termination notice in writing to the contractor under the hand of the Engineer-in-Charge shall be conclusive evidence). Upon such determination, the Earnest Money Deposit, Security Deposit already recovered and Performance Guarantee under the contract shall be liable to be forfeited and shall be absolutely at the disposal of the IWAI.

(b) After giving notice to the contractor to measure up the work of the contractor and to take such whole, or the balance or part thereof, as shall be un-executed out of his hands and to give it to another contractor to complete the work. The contractor, whose contract is determined as above, shall not be allowed to participate in the tendering process for the balance work.

In the event of above courses being adopted by the Engineer-in-Charge, the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements or made any advances on account or with a view to the execution of the work or the performance of the contract. And in case action is taken under any of the provision aforesaid, the contractor shall not be entitled to recover or be paid any sum for any work thereof or actually performed under this contract unless and until the Engineer-in-Charge has certified in writing the performance of such work and the value payable in respect thereof and he shall only be entitled to be paid the value so certified.

CLAUSE – 36: INSPECTION AND APPROVAL

36.1 All works involving more than one process shall be subject to examination and approval at each stage thereof and the contractor shall give due notice to the Engineer-in-Charge on his authorized representative, when each stage is ready. In default of such notice, the Engineer-in-Charge shall be entitled to appraise the quality and extent thereof and the decision of the Engineer-in-Charge in this regard shall be final and binding.

36.2 No work shall be put out of view without the approval of the Engineer-in-Charge or his authorized representative and the Contractor shall afford full opportunity for examination. The contractor shall give due notice to the Engineer-in-Charge or his authorized representative whenever any such work is ready for examination and the Engineer- in-Charge or his representative shall, without unreasonable delay, unless he considers it necessary and advise the contractor accordingly, examine and measure such work. In the event of the failure or the contractor to give such notice, he shall if required by the Engineer-in-Charge, uncover such work at the contractor's expenses.

36.3 Periodic inspection will be carried out by the EIC or his representative by their vessels. The contractor can have the inspection schedules finalized with the Engineer-in-charge. Generally all attempts should be made to have joint inspection and number of inspections be not less than three in a calendar month.

CLAUSE – 37: COMPLETION CERTIFICATE AND COMPLETION PLANS

37.1 The work shall be completed to the entire satisfaction of the Engineer-in-Charge and with in the specified time limit and under the terms and conditions of the contract. As soon as the work under the contractor is completed as a whole the contractor shall give notice of such completion to the Engineer-in-Charge. The Engineer-in-Charge shall inspect the work and shall satisfy himself that the work(s) has been completed in accordance with the provisions of the contract and then issue to the Contractor a certificate of completion indicating the date of completion. Should the Engineer- in-Charge notice that there are defects in the works or the works are not considered to be complete, he shall issue a notice in writing to the Contractor to rectify / replace the defective work or any part thereof or complete the work, as the case may be within such time as may be notified and after the contractor has complied with as aforesaid and gives notice of completion the Engineer-in-Charge shall inspect the work and issue the completion certificate in the same manner as aforesaid.

37.2 No certificate of completion shall be issued as stipulated above and no work be considered to be completed unless the contractor shall have removed from the work site and / or premises all his belongings / temporary arrangements brought / made by him for the site and / or premises in all respects and made the whole of the site and / or premises fit for immediate occupation / use to the satisfaction of the Engineer- in-Charge.

If the contractor fails to comply with the above mentioned requirements on or before the date of completion of the work, the Engineer-in-Charge, may as he thinks fit and at the risk at cost of the contractor, fulfill such requirements and remove / dispose of the contractor's belongings / temporary arrangements, as aforesaid, and the contractor shall have no claim in this respect except for any sum realised by the sale of Contractor's belongings / temporary arrangements less the cost of fulfilling the said requirements and any other amount that may be due from the contractor. Should the expenditure on the aforesaid account exceed the amount realised by sale of such contractor's belongings / temporary arrangements then the contractor shall on demand pay the amount of such excess expenditure.

37.3 The contractor shall submit the completion plans of the work wherever required within 30 days of the completion of work. In case the contractor fails to submit completion plans as aforesaid, he shall be liable to pay a sum equivalent to 2.5% of the value of the work subject to a ceiling of Rs. 15000/- (Rupees fifteen thousand only) as may be fixed by Engineer-in-Charge concerned and in this respect the decision of the Engineer-in-Charge shall be final and binding on the contractor.

CLAUSE - 38: MEASUREMENTS

38.1 The Engineer-in-charge shall, except as otherwise provided, ascertain and determine by measurement the value of work done in accordance with the contract.

38.2 Notwithstanding any provision in the relevant standard method of measurement or any general or local custom, measurement of work done under the contract shall be taken in accordance with the procedure set forth in the Technical Specifications or Schedule of Quantities under the contract. In case of items of work which are not covered by the Technical Specifications or Schedule of Quantities measurement shall be taken in accordance with the relevant standard methods of measurement laid down by the Bureau of Indian Standard.

38.3 All items having a financial value shall be entered in daily log book/ measurement book prescribed by the Authority so that the complete work performed under the contract is duly accounted.

38.4 Measurement shall be taken jointly by the Engineer-in-Charge or his authorised representative and by the contractor or his authorised representative.

38.5 Before taking measurements of any works, the Engineer-in-Charge or representative deputed by him for the purpose, shall give a reasonable notice to the Contractor. If the Contractor fails to attend or send an authorised representative for measurement after such notice or fails to countersign or to record the objection within a week from the date of taking the measurements, in such eventuality the measurements taken by the Engineer-in-Charge shall be taken to be correct and final measurements of such works.

38.6 The contractor shall, without extra charge, provide assistance with every appliance, labour and other things necessary for measurement.

38.7 Measurements shall be signed and dated by both parties each day on the Site on completion of measurement. If the contractor objects to any of the measurement recorded by the representative of the Engineer-in- Charge a note to the effect shall be made in the item objected to and such note shall be signed and dated by both parties engaged in

taking the measurement. The decision of the Engineer-in-Charge on any such dispute or difference or interpretation shall be final and binding on the contractor in respect of all contract items, substituted items, extra items and deviations.

CLAUSE – 39: PAYMENT ON ACCOUNT

39.1 Interim bills shall be submitted by the contractor or before the date fixed by the Engineer-in- Charge for the items of work completed. The Engineer-in-Charge shall then arrange to have the bills verified with reference to the measurements recorded in the measurement book(s).

39.2 Payment on account for amount admissible shall be made by the Engineer-in-Charge certifying the sum to which the contractor is considered entitled by way of interim payment for the work executed, after deducting there from the amount already paid, the security deposit and such other amounts as may be withheld, deductible or recoverable in terms of the contract.

39.3 Payment of the contractor's bills shall be made by the Authority only in Indian Rupees within 30 days from the date of submission of the bill subject to the acceptance of the Engineer-in- Charge.

39.4 Payments due to the contractor shall be made by RTGS by the Engineer-in-Charge or his authorised representative. Such cheques shall be issued direct to the contractor on furnishing a stamped receipt for the amount of the cheque or to his constituted attorney duly authorised to receive such payments from the EIC. Alternatively payment, due to the contractor shall be made by electronic bank transfer / RTGS

39.5 Any interim certificate given relating to work done or materials delivered may be modified or corrected by any subsequent interim certificate or by the final certificate. No certificate(s) of the Engineer-in- Charge supporting an interim payment shall itself be conclusive evidence that any work or materials to which it relates is / are in accordance with the same.

39.6 Should there be a request for extension of date of completion, pending its consideration interim payments shall continue to be made as provided herein.

39.7 Income Tax / TDS at the applicable rates shall be deducted at source from any payment made to the contractor against this contract.

CLAUSE – 40: TAXES, DUTIES AND LEVIES ETC.

The prices shall include all the taxes, levies, cess, octroi, royalty, terminal tax, excise, or any other local, State or Central taxes as applicable/ charged by Centre or State Government or Local authorities on all materials that the contractor has to purchase for the performance of the contract and services. , shall be payable by the contractor and the Authority will not entertain any claim for compensation whatsoever in this regard. The rates quoted by the contractor shall be deemed to be inclusive of all such taxes, duties, levies, etc. except for GST which shall be indicated separately.

CLAUSE-41: TAX DEDUCTION AT SOURCE

41.1 TDS at the applicable rate as per Income Tax Act/Rules shall be deducted from all the payment/advances made against the contract.

CLAUSE – 42: PAYMENT OF FINAL BILL

The final bill shall be submitted by the contractor within one month from the date of completion of the work or of the date the certificate of completion furnished by the Engineer-in-Charge. No further claim in this regard unless as specified herein under shall be entertained. Payment of final bill shall be made within three months if the amount of the contract is up to Rs. 15 lakhs and six months if the value of the work exceeds Rs. 15 lakhs. If there shall be any dispute about any item or items of the work then the undisputed item or items only shall be paid within the said period of three months or six months, as the case may be. The contractor shall submit a list of the disputed items within thirty days from the disallowance thereof and if he fails to do so, his claim shall be deemed to have been fully waived and absolutely extinguished.

CLAUSE - 43: OVER PAYMENTS AND UNDER PAYMENTS

43.1 Whenever any claim whatsoever for the payments of a sum of money to the Authority arises out of or under this contract against the contractor, the same may be deducted by the Authority from any sum then due or which at anytime thereafter may become due to the contractor under this contract and failing that under any other contract with the Authority or from any other sum whatsoever due to the contractor from the Authority or from his security deposit, or he shall pay the claim on demand.

43.2 The Authority reserves the right to carry out post- payment audit and technical examination of the final bill including all supporting vouchers, abstracts, etc. The authority further reserves the right to enforce recovery of any over payment when detected not- withstanding the fact that the amount of the final bill may be included by one of the parties as an item of dispute before an arbitrator appointed under **clause 46** of this contract and notwithstanding the fact that the amount of the final bill figures in the arbitration award.

43.3 If as a result of such audit and technical examination any over payment is discovered in respect of any work done by the contractor or alleged to have been done by him under contract, it shall be recovered by the Authority from the contractor by any of all of the methods prescribed above, and if any under payment is discovered, the amount shall be duly paid to the contractor by the Authority.

43.4 Provided that the aforesaid right of the Authority to adjust over-payment against amount due to the contractor under any other contract with the Authority shall not extend beyond the period of two years from the date of payment of the final bill or in case the final bill is a MINUS bill, from the date the amount payable by the Contractor under the MINUS final bill is communicated to the contractor.

43.5 Any sum of money due and payable to the Contractor (including the security deposit returnable to him) under the contract may be withheld or retained by way of lien by the Engineer-in-Charge or Authority against any claim of the Authority or such other person or persons in respect of payment of a sum of money arising out of or under any other contract made by the contractor with the Engineer-in-Charge or Authority or with such other person or persons. The sum of money so withheld or retained under this clause by the Engineer-in-Charge or Authority will be kept withheld or retained as such by the Engineer-in- Charge or Authority or till his claim arising out of in the same contract or any other contract is either mutually settled or determined by the arbitrator, if the contract is governed by the arbitration clause under the **clause 46** or by the competent court hereinafter provided, as the case may be, and the contractor shall have no claim for interest or damages whatsoever on this account or any other ground in respect of any sum of money withheld or retained under this clause.

CLAUSE – 44: FINALITY CLAUSE

It shall be accepted as an inseparable part of the contract that in matters regarding design, materials, workmanship, removal of improper work, interpretation of the contract drawings and contract specifications, mode of procedure and the carryout of the work the decision of the Engineer-in-Charge which shall be given in writing shall be final and binding on the contractor.

CLAUSE – 45: SUM PAYABLE BY WAY OF COMPENSATION TO BE CONSIDERED IS REASONABLE WITHOUT PREFERENCE TO ACTUAL LOSS

All sum payable by way of compensation to the Authority under any of these conditions shall be considered as reasonable compensation without reference to the actual loss or damage sustained and whether or not damage shall have been sustained.

CLAUSE - 46: SETTLEMENT OF DISPUTES & ARBITRATION.

46.1 Except where otherwise provided in the contract, all questions and disputes relating to the meaning of the specifications, design, drawings and instructions here-in-before mentioned and as to the quality of workmanship or materials used on the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, design, drawings, specifications, estimates, instructions, orders or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the cancellation, termination, completion or abandonment thereof shall be dealt with as mentioned hereinafter:

(i) If the contractor considers any work demanded of him to be outside the requirements of the contract, or disputes any drawings, record or decision given in writing by the Engineer-in-Charge on any matter in connection with or arising out of the contract or carrying out of the work, to be unacceptable, he shall promptly within 15 days of the receipt of decision from the Engineer-in-Charge request the Chief Engineer in writing through the Engineer-in-Charge for written instruction or decision. Thereupon, the Chief Engineer shall give his written instructions of the decision within a period of one month from the receipt of the contractor's letter. However, this will not be reason for the stoppage of work.

(ii) If the Chief Engineer fails to give his instructions or decision in writing within the aforesaid period or if the contractor is dissatisfied with the instruction or decision of the Chief Engineer, the contractor may, within 15 days of the receipt of Chief Engineer's decision, appeal to the Chief Engineer, IWAI who shall afford an opportunity to the contractor to be heard, if the latter so desires, and to offer evidence in support of his appeal. The Chief Engineer, IWAI shall give his decision within 30 days of receipt of contractor's appeal. If the contractor is still dissatisfied with his decision, the contractor shall within a period of 30 days from receipt of the decision, give notice to the Chief Engineer, IWAI for appointment of arbitrator failing which the said decision shall be final binding and conclusive and not referable to adjudication by the arbitrator.

46.2 Except where the decision has become final, binding and conclusive in terms of Sub Para 47.1 above, disputes or differences shall be referred for adjudication through arbitration by a sole arbitrator appointed by Chief Engineer, IWAI.

46.3 Further, within thirty (30) days of receipt of such notice from either party, the Engineer-in-Charge of work at the time of such dispute shall send to the Contractor a panel of three persons preferably but not necessarily from the approved panel of arbitrators being maintained by Indian Council of Arbitration (ICA) and thereafter the Contractor within fifteen (15) days of receipt of such panel communicate to the Engineer-in-charge the name of one of the persons from such panel and such a person shall then be appointed as sole arbitrator by the Chief Engineer, IWAI. However, the arbitrator so appointed shall not be an officer or the employee of Inland Waterways Authority of India.

Provided that if the Contractor fails to communicate the selection of a name out of the panel so forwarded to him by the Engineer-in-charge then after the expiry of the aforesaid stipulated period the Chief Engineer, shall without delay select one person from the aforesaid panel and appoint him as the sole arbitrator.

46.4 The arbitrator to whom the matter is originally referred being transferred or vacating his office or being unable to act for any reason, then the Chief Engineer IWAI shall appoint another person to act as sole arbitrator, such person shall be entitled to proceed with the reference from the stage at which it was left by the predecessor.

46.5 The award of the Arbitrator shall be final and binding. The Arbitrator shall decide in what proportion the Arbitrator's fees, as well as the cost of Arbitration proceeding shall be borne by either party.

46.6 The Arbitrator with the consent of the parties can enlarge the time, from, time-to-time to make and publish his award.

46.7 A notice of the existence in question, dispute or difference in connection with the contract unless served by either party within 30 days of the expiry of the defects liability period, failing which all rights and claim under this contract shall be deemed to have been waived and thus forfeited and absolutely barred.

46.8 The Arbitrator shall give reasons for the award if the amount of claim in dispute is Rs. 1,00,000/- and above.

46.9 The work under this Contract shall continue during Arbitration proceedings and no payments due from or payment by the Authority shall be withheld on account of such proceedings except to the extent which may be in dispute.

46.10 The Arbitration and Conciliation Act 1996 with any statutory modifications or re-enactment thereof and the rules made there under and being in force shall apply to the Arbitration proceedings under this clause.

46.11 The parties to the agreement hereby undertake to have recourse only to arbitration proceedings under for Arbitration Act 1996 and the venue of the arbitration proceeding shall be Noida/ New Delhi and the parties will not have recourse to Civil Court to settle any of their disputes arising out of this agreement except through arbitration.

NOTE: In case of contract with another Public Sector Undertaking, following Arbitration Clause shall apply: "Except as otherwise provided, in case of a contract with a public Sector Undertaking if at any time any question dispute or difference whatsoever arises between the parties upon or in relation to, or in connection with this agreement, the same shall be settled in terms of the Ministry of Industry, Department of Public Enterprises O.M No. 3/5/93-PMA dt.30.06.93 or any modifications / amendments thereof. "The arbitrator shall have the power to enlarge the term to publish the award with the consent of the parties provided always that the commencement or continuation of the arbitration

proceeding shall not result in cessation or suspension of any of other rights and obligations of the parties of any payments due to them hereunder.

CLAUSE - 47 : CLAIMS

47.1 The contractor shall send to the Engineer-in-Charge once in every month on account giving particulars, as full and detailed as possible of all claims for any additional payment to which the contractor may consider himself entitled and of all extra work or additional work ordered in writing and which has been executed during proceeding month.

47.2 No claim for payment of any extra work or expenses will be considered which has not been included in such particulars. The Engineer-in-Charge may consider payment for any such work or expense, where admissible under the terms of the Contract.

47.3 Any claim which is not notified in two consecutive monthly statements for the two consecutive months shall be deemed to have been waived & extinguished.

CLAUSE 48 : INTEREST

No interest shall be payable on account due to the contractor against final bills or any other payment due under the contract.

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Part-III

5. TECHNICAL SPECIFICATION & SPECIAL CONDITIONS OF CONTRACT

TECHNICAL SPECIFICATIONS AND SPECIAL CONDITIONS
for Installation & Maintenance of Pole beacon lamp Navigational system in NW-3.

1. The Beacon Pipe structure shall have to be fabricated from new M.S Pipes (4 mm thick) of diameters 76.2 mm" as per drawing and as per direction of EIC.

SPECIFICATION OF 6 M HEIGHT M.S POLE

1	Type	MS Pipe of 4 mm thick and dia of 76.2 mm (3 inch) of 6 m length.
2	Nominal Dia	76.2 mm (3" dia)
3	Length	6 M
4	Material	Mild Steel
5	Fabrication	One 360 mm * 380 mm size 4mm thick MS plate welded on the pipe to accommodate the Security cage (locking system) as per the direction of EIC.
6	Supporting Rod	10 mm Dia steel rod as per drawing Annexure IV
7	Concreate	M-20 (1:1.5:3) as per drawing Annexure IV

2. The beacon Pipe structure shall have one 360 mm X 380 mm size 4 mm thick M.S plate welded on the pipe to accommodate the beacon light. The plate shall have suitable hole as shown in the drawing for fixing of the Security cage and as per the direction of EIC.

3. The fabrication and supply of security cages for navigational lights shall strictly adhere to the enclosed design

SPECIFICATION OF SECURITY CAGE

(a) MS Plate, angles, MS bar used for fabrication shall be of good quality.

(b) Security cage should be of size 380 mm x 360 mm x 300 mm size as per the design enclosed with a suitable locking system. Two coats of marine quality epoxy paint (Black) has to applied over the epoxy primer.

(c) The entire locking system has to be made of stainless steel and fitted with standard quality fixtures and fastenings and good quality grease. Bird spike has be provided as per design (Annexure – V).

(d) The bidders are to familiarize with the existing locking system which is already in use with the lighted buoys.

4. The contractor shall supply and installed the light shall be of excellent quality and conform to the relevant BIS (Bureau of Indian Standards)/ classification requirements where ever applicable.

SPECIFICATION OF LIGHT

Type	Rugged, light weight, waterproof, compact, impact resistant, Omni directional, marine flashing beacon of high performance moulded lens cover UV stabilized.
Range	>2 NM at 0.74 ATF
Light Source	High Intensity LEDs with 100,000 hrs of life
Uniformity of Output	Horizontal Plane 360 degrees
Vertical divergence	>70 at 50% of peak intensity
Signal colour	Red/ Green meeting LALA Standards
Autonomy	15 days
Flasher	Microprocessor controlled, Programmable One flash in 5 seconds
Day light control	On/Off Photo diode control
Battery Type	Maintenance free Lead Acid battery to be housed in lantern, Capacity 7 Ah 12 V, of reputed make.
Battery Life expectancy	More than 2000 charge –discharge cycles
Solar panel	Mono-crystalline integrated with Lantern 5 W, 12V
Remote Control	Remote Monitoring and Control capabilities
Weight	< 8 Kg.

5. The contractor shall supply the items as specified in TECHNICAL SPECIFICATION. All materials used for supply of the items shall be of excellent quality and conform to the relevant BIS (Bureau of Indian Standards)/ classification requirements where ever applicable.

6. The contractor has to ensure erection of Pole beacon navigation lights in proper place suiting to the channel condition so that these lighted on MS poles beacons assist movement of propelled vessels through the river route in a safe way. They shall also have to provide necessary safety cover to the navigation lights / beacon lamp.

7. Care shall be taken to ensure proper install, correct location of Pole beacon in upright condition at the time of installation and during the period of maintenance as per the direction of EIC.

8. Contractor will depute their accredited representative during installation and maintenance by them.

9. Contractor shall ensure that installation of Pole beacon lights are progressing in a sequential manner, completing the same in specific stretches and then proceeding to next stretch / NWs instead of commencing the work simultaneously NWs in multiple locations for ensuring functional reliability of the system stretch / NWs – wise.

10. It shall be ensured that proper navigation facility during day and night is available all the time from the time of completion of installation in respective sections of waterway.

11. Contractor shall undertake the installation and maintenance of navigational aids for and on behalf of IWAI assuming full responsibility for achieving the objectives. It shall be the responsibility of Contractor to interact as may be required with other waterway users, local bodies or departments as may be necessary for smooth execution of works while matters which are statutory obligations of IWAI will be attended to by the Authority.

With this intent, Contractor will be suitably authorized by IWAI and provided with copies of communications as may be required to be issued by IWAI to various addresses initially as an introduction.

12. Contractor shall depute personal of adequate experience and qualification in the specific area of work for ensuring its success.

13. For maintenance purposes, the designated waterway shall be considered as two separate NWs i.e. (i) Udyogamandal Canal, (ii) Champakkara Canal & (iii) Kottapuram - Kollam as envisaged in the approved scope of the work. One maintenance unit each having at least one mechanical/Electrical supervisor and required number of supporting staff, vessels, derrick, tools and tackles etc. shall be deployed within the above NWs, as envisaged in the sanctioned scheme.

14. Identification and Finalizing of exact locations where each of the navigational lights is required to be positioned and installing the aid at that location, in a manner that will facilitate smooth and efficient shipping round the clock shall be the responsibility of Contractor. However, as the most important input in this regard, IWAI will provide to Contractor detailed charts showing the navigational route in the designated sections of NW-3.

15. The beacon lights will be insured by Authority against factors like theft, damage etc. which are not covered under the warranty. Contractor shall be required to maintain full particulars with regard to each of the navigational aid and its components and furnish timely reports to IWAI for preferring insurance claims as may be required. Contractor shall also as authorized representative of IWAI comply with requirement like filing of FIR in the event of unlawful incident involving the night navigational aids and intimate IWAI along with copies of any such reports immediately on its happening/ detection.

16. The beacon lights are covered by unconditional repair and replacement warranty respectively for a period of 12 months, however during installation and subsequent maintenance, Contractor shall maintain detailed records of pole beacon, lights and its ancillary components duly recording conditions / performance throughout the period of this job.

17. Contractor shall bring to the notice of IWAI in writing along with full particular any such instances or items that are to be attended by them to comply their warranty obligations Contractor will report immediately upon noticing any such matter to be attended under warranty to IWAI. For reporting for such warranty repairs, a standard format with machine numbered pages in duplicate shall be maintained by the Contractor. One copy each of the report will remain with Contractor while another will be submitted to IWAI.

18. Apart from the above documentation with respect to insurance and warranty matters, Contractor will furnish to IWAI during 1st week of every month a detailed report indicating the actual particulars like available numbers, their conditions, losses / damages if any during the month etc. with respect to all components of the navigational aids that has been taken over from IWAI by Contractor. Such status report shall reflect facts as on last day of preceding month.

19. IWAI will permit / facilitate temporary storage, attending to repair and maintenance of the aids and berthing of vessels deployed by Contractor in this work as well as passage of their personal engaged in this work free of cost at the following locations where IWAI posses land and development of terminal facilities are completed or is in progress.

1. Kottapuram
2. Aluva
3. Maradu
4. Kakkanadu
5. Vaikkom
6. Thanneermukkom
7. Allappuzha
8. Thrikunnapuzha
9. Kayankulam
10. Chavara
11. Kollam

20. The technical specifications and usage particulars of the pole and lights as provided by the respective suppliers and approved by IWAI conforming to guidelines of MMD/IRS and DGLL may be referred to by Contractor at Regional Office of IWAI at Kochi.

21. It shall be the responsibility of the Contractor to familiarize themselves with the terms of insurance and insure that timely report of damage or theft or any other matters where insurance claim may have to be raised are furnished to IWAI, so as not to loose any benefits under the insurance cover.

22. The scope of works to be carried out by Contractor is installation of the specified number of poles in the specified sections of waterway as per direction of EIC and its maintenance for a period of one year from the date of completion of installation. The same will be extended for a period of two years on yearly basis after seeing the satisfactory performance with same terms and conditions.

23. During the period of maintenance, Contractor shall ensure regular monitoring of all the installed pole beacon and lights navigational channel always marked for safe and efficient shipping.

24. Continuity of navigational aids will be considered as most important aspect to judge the success and utility of the system. Therefore, Contractor will take special care and maintain in the field adequate minimum quantity of spare lights as may be required to attend to such requirements observed during regular monitoring.

25. The beacons, lights or its accessories that may be damaged, unusable or unable to maintain in a particular section due to unforeseen problem shall be lifted and stored safely at nearest locations along the sites mentioned at para 16 above under intimation to IWAI.

26. For the remaining period of maintenance after expiry of warranty period as indicated in para 12 above, Contractor shall at no extra cost employ necessary Technicians, accessories, spares and repair work shops etc for ensuring proper repair and maintenance of the aids for their continuous performance.

27. Adequate measures for safety and security of the navigational aids during storage and after installation shall be made by Contractor from the time the same are taken over for installation from the IWAI.

28. Immediately after completion of installation of navigational aids in each stretch / NWs, distinct and easily visible serial numbers shall be given on each pole beacon to facilitate

their due depiction of position and type in the navigational charts and also to facilitate their easy monitoring during inspections during maintenance period.

29. The maintenance period of the installed 24 Hrs. navigation systems may be extended for further two years at same rate, terms and conditions.

30. The installation or maintenance of the night navigation aids in any stretch of waterway may be discontinued by IWAI by giving one month's written notice to Contractor. Other than the payments provided for installation or maintenance hereunder, no extra amount shall be payable to Contractor in the event of such discontinuation. In such instance, Contractor will ensure lifting, transportation and handing over the navigational aids of the stretch where its maintenance has been discontinued to IWAI at its nearest terminal among the list given in Para 3.16.

SCHEDULE OF IMPLEMENTATION

31. The maintenance of navigational aids may be commenced after completion of installation of beacons and lights. The entire installation may be completed within 4 (four) months after issue of work order. The maintenance of the system shall be for a period of 12 months from the date of completion of installation and further extendable for 2 years.

INSPECTION AND MEASUREMENT

32. Contractor shall inform IWAI in writing as soon as installation is completed . Joint inspection of the installed lights shall be made immediately thereafter by authorized representatives of IWAI and Contractor and the number of lights, type of lights (Red/Green), Functional or not, date of installation of each light etc. shall be duly enumerated simultaneously depicting the same on waterway chart also. Such measurement jointly taken and certified by both IWAI and Contractor shall form basis for payment admissible for the installation part.

- The initial payment for installation, positioning & completion of placement of Pole beacon lamp shall be released immediately after completion of installation followed by two joint inspection by EIC's representative and contractor/contractor supervisor one in day light for confirming the correctness of position and another inspection in night separately for function of light. The initial payment will be released within 30 days from the date of completion of such joint inspections.
- The payment towards maintenance works (RA Bills) will be after completion and submission of 2nd fort night joint inspection report along with RA bills in duplicate.

33. The efficacy of installed aids to navigation shall be tested by carrying out trial run of survey launch by IWAI jointly with representatives of Contractor during night time, stretch-wise/NWs.

34. The period of maintenance of the installed pole beacon lamp & lights will be reckoned from the date of completion of installation. For this purpose, Inspection of the installed beacon lights from the their satisfactory maintenance shall be carried out jointly by IWAI and Contractor once in a fortnight. Suitable crafts to facilitate such inspection will be provided by Contractor at no extra cost if requested by IWAI. Alternatively, such inspections may also be carried out concurrently with fortnightly Thalweg surveys of IWAI. Till conducting of regular thalweg survey , the contractor shall arrange inspection vessel for fortnight inspection. However, the time gap between two consecutive

inspections shall not be less than 7 days or more than 20 days under any circumstance. However, as the aids to navigation are provided for round clock and round the year usage, IWAI may undertake joint inspection of the installed systems on any day other than the fortnightly inspection proposed above and Contractor shall depute its representatives for such inspection duly ensuring proper maintenance of the installed lights all the time. Expenditure for repair of Pole beacon and light are to be borne by the contractor.

35. Details of all the installed poles & lights enumerated and jointly certified by IWAI and Contractor during such fortnightly inspections shall form basic for calculation of maintenance charges admissible by Contractor during a particular month.

36. During maintenance period a minimum 75% of the aids installed in the beat shall be maintained all the time failing which it will be considered that the system of 24 hours aids to navigation is not maintained in that particular stretch / NWs and therefore, no maintenance charges shall be admissible during the fortnight in respect of such stretch where <75% poles beacon & lights are maintained.

PAYMENT SCHEDULE

37. Payment for installation of pole beacon lamp will be released after successfully completion of the work. Maintenance of the night navigational aids payments shall be admissible as per CLAUSE 39 of general condition of tender document and as per Para 34 above.

38. Above rates are inclusive of costs of transportation, laying, maintenance, security, shifting from place to place, supervision, documentation, cost of manpower, cost of equipments, tools and tackles etc. complete and no other charges other than above mentioned unit rates shall be admissible for payment under this agreement.

39. The payment on account of installation of poles with lights shall be made at the rate of the agreed installation cost for the number of poles & lights actually installed and against bills for the same to be raised by Contractor. Bills for installation charges shall be raised after completing the installation. However, cost of installation additional number of poles as may be required subsequent to completion of initial installation shall be claimed alongwith monthly maintenance bills.

40. Payment of maintenance charges shall be made on submission of monthly bills after completion of each month and for the number of lighted buoys actually maintained and particular stretch in one fortnight is <75% and during other fortnight is > 75%, proportionate charges only will be payable for one fortnight.

41. Payment will be released by IWAI within one month of receipt of bill along with duly certified measurement. Payments due to the contractor shall be made by RTGS transfer, for which details of Bank (A/c no:, Name of the Bank, Name of Branch, IFSC code) are to be submitted along with a cancelled cheque of the concerned bank.

SUPERVISION AND PROGRESS REPORT

42. Contractor shall depute personal of adequate qualification and experience to provide quality supervision for installation and maintenance of the proposed system. Contractor shall also nominate his representative as Nodal Officer for execution of the works and maintaining all liaison and reports in that regard and for interactions with various

departments, organizations, agencies and also Engineer-In-Charge of IWAI or its representatives. Fortnightly progress report of field activities may be furnished by the Contractor to EIC.

. **Other Conditions**: -

(a) No mobilization charges will be paid to the Contractor.

(b) No idle time charges will be paid to the Contractor on any account.

(c) The Engineer-in-charge or his representative will inspect, co-ordinate, measure and certify the Supply of the 24hrs navigational system in NW- 3. He has the right to inspect the work and materials at any time during the contract period for which contractor or his authorized agent shall be available at the work site.

(d) The item rate quoted per number/unit will squarely and totally include all the charges to be paid to the Contractor by the Authority and no claims other than provided in the contract will be entertained.

(e) The Contractor will submit to the Engineer-in-charge bills in triplicate along with a copy of measurements for the completed item of supply.

(f) The income tax as applicable will be deducted from the running bill and final bill and to that effect a certificate will be issued. The security deposit will be released only after satisfactory completion of defects liability period of one year.

****

(ii) SPECIAL CONDITIONS

A. **HOLD HARMLESS**:

i) The Contractor should indemnify and hold the Authority harmless from any liability or claim for damages because of bodily injury, death, property damage, sickness, disease or loss and expense arising from the contractor's performance of this Contract.

ii) The Contractor is acting in the capacity of an independent contractor with respect to the Authority.

iii) The Contractor should protect, defend and indemnify the owner from any claims by laborers or Sub Contractors for unpaid work or labour performed in connection with this Contract.

B. **CHANGE ORDERS**:

i) The Contractor should not make any changes in the schedule of work or the Specifications without written authorization by the Engineer in Charge and written concurrence by the Authority.

C. **UNSATISFACTORY PERFORMANCE**:

i) In case of unsatisfactory performance/ progress / services by the Contractor, IWAI shall have the right to issue a show cause notice to the contractor requiring him to explain the reason thereof.

ii) In case of continuation of such unsatisfactory performance / progress / services, IWAI reserves the right to rescind the Contract and get the balance work executed at the risk and cost of the Contractor.

D. **WARRANTIES**:

i) The Contractor should warrant that this contract does not and shall not infringe any existing or subsequent patents, rights or licenses of any third party.

ii) The Contractor should further warrant that the rights of the Authority under the present contract are not and shall not be infringed by any prior or subsequent contract, which may have been or may hereafter be entered into by the Contractor with any other party.

E. **MISCELLANEOUS**:

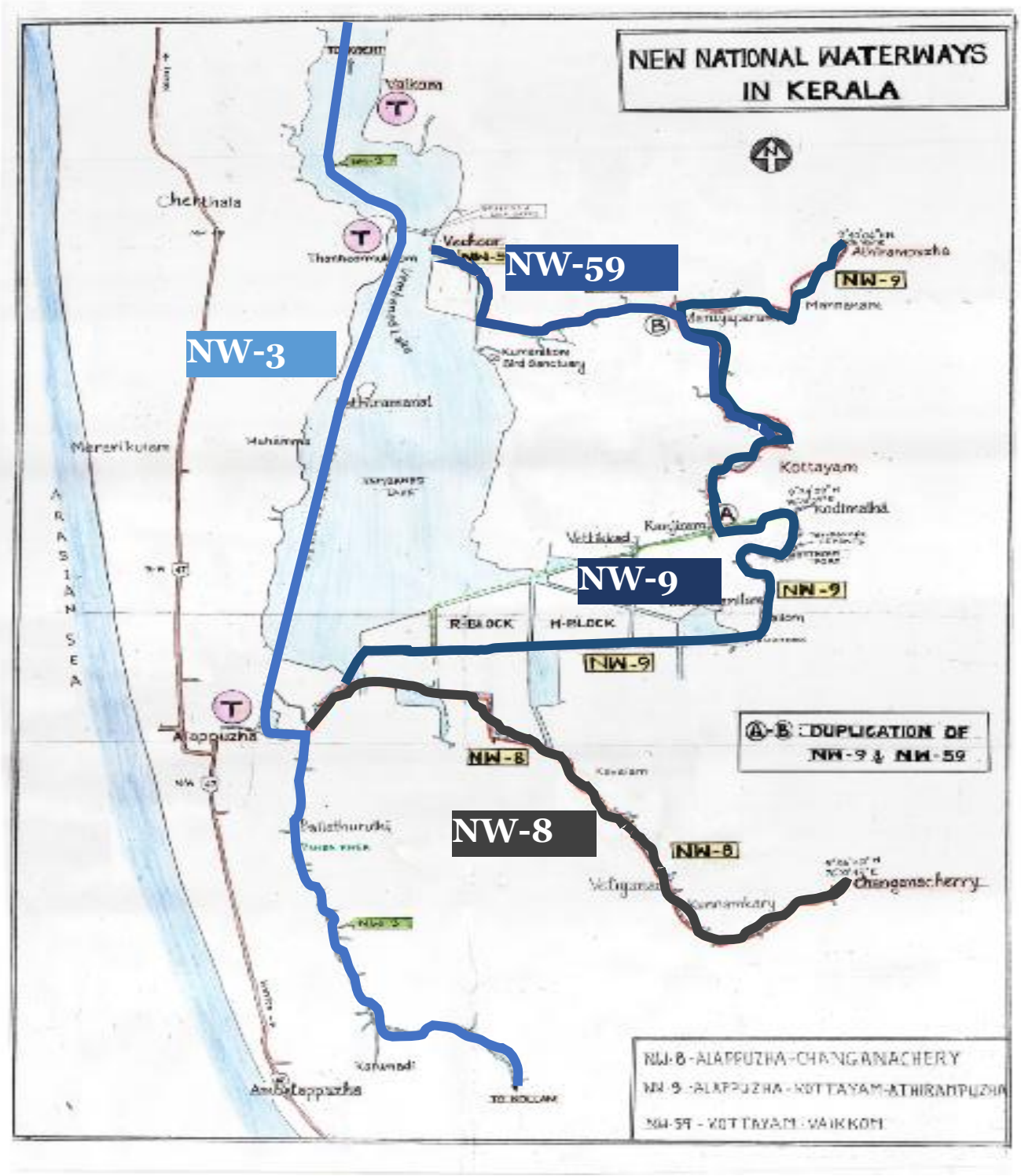
i) The Contract embodies the entire understanding of the parties as to its subject matter and shall not be amended except in writing executed by both the parties and subject to the approval of the concerned authorities.

PART - IV

DRAWINGS AND ANNEXURES.

1.	Index Map of NW-3	Enclosure -1
2.	Warranty Form	Annexure - I
3.	Agreement Format	Annexure – II
4.	DETAILS OF BANK ACCOUNT FOR RELEASE OF PAYMENT THROUGH ELECTRONIC FUND TRANSFER SYSTEM	Annexure – III
5.	Drawing of 6 M height beacon tower with M S Pipe	Annexure - IV
6.	Drawing Security cage	Annexure - V
7.	Time schedule for work	Annexure - VI
8.	Details of Past Experience of Contractor for Similar Works	Annexure - VII

Enclosure.1



Annexure-I

WARRANTY FORM

M/s…… (hereinafter referred to as the Bidder) having carefully studied all the tender documents pertaining to the Contract for "Maintenance of 24 Hrs. Navigational System in NW-3" and the local conditions having undertaken to execute the said works.

DO HEREBY WARRANT THAT:-

1. The Bidder is familiar with all the requirements of the Contract.

2. The Bidder has investigated the work & also visited IWAI office and satisfied himself regarding the nature of work, and local conditions that may affect the work or its performance.

3. The Bidder shall mobilize the necessary equipment, qualified & experienced manpower as per tender conditions.

4. The Bidder is satisfied that the work may be performed and completed as required in the Contract.

5. The Bidder accepts all risks directly or indirectly connected with the performance of the Contract.

6. The Bidder has/had/have no collusion with other Bidder, with any of the men of the Engineer-in-Charge or with any other person in Authority to execute the said works according to the terms and conditions of the said Contract.

7. The Bidder has not been influenced by any statement or promise of the Authority or E-I-C but only the Contract Documents.

8. The Bidder is financially solvent.

9. The Bidder is experienced and competent to perform the Contract to the satisfaction of the E-I-C.

10. The Bidder is familiar with all General and Special Laws, Acts, Ordinances, Rules and Regulations of the Municipalities, District, State and Central Govt., that may affect the work, its performance or personnel employed therein.

11. I/We hereby give undertaking that the information, certificates and documents furnished by me/us with my/our offer and subsequently regarding works mentioned are true, correct, valid and complete to the best of my/us knowledge and nothing has been concealed/distorted any material as mentioned above I/We am/are agreeable for termination of Contract between me/us and Inland Waterways Authority of India regarding works mentioned in the tender without any notice, reason or compensation and non-issue of tender documents in future.

Date

For and on behalf of the Bidder

Annexure-II

AGREEMENT FORM

The contract made the ...day of... 20.... between Inland Waterways Authority of India, Kannadikkadu, Maradu P.O., Kochi – 682 304 (Kerala) (hereinafter "the Authority") of one part and M/s..... (hereinafter "the Bidder") of the other part WHEREAS the Authority is desirous of maintenance of Navigational System in NW-3 as per work order as identified in the bid form and price schedule and has accepted a Bid by the Bidder for the supply of the..... -.....for the sum of Rs..... (.....) (hereinafter "THE CONTRACT PRICE")

(PRICE SHALL NOT BE FILLED IN HERE)

Now in this contract witnessed as follows: -

1. The contract shall consist of this contract form and the following documents and the exhibits, specification and other documents referred to therein (herein after called the "contract document") all of which by this reference are incorporated herein and made part thereof.

a] Notification of award
b] Bid form and price schedules
c] Tender document containing:
Instructions to the Bidder
General conditions of contract
Delivery Schedule
Special condition of contract
d] Technical Specifications.
e] Correspondence between Bidder & Authority from date of submission of tender to signing of agreement.

6. This contract sets forth the entire contract and agreement between the parties pertaining to the supply and delivery of the items described herein and supersedes all earlier verbal or written agreements pertaining to supply of items for National Waterway No.8 & 9 as per work order. This contract shall prevail over all other contract documents. In the event of any discrepancy or inconsistency within the contract documents then the documents shall prevail in the order listed above.

7. In consideration of the payments to be made by the Authority to the Bidder, the Bidder hereby covenants with the Authority to supply of items for National Waterway No.8 & 9 as per work order and to remedy defects / replacement therein in conformity in all respects within the provisions of the contract.

8. The Authority hereby covenants to pay the Bidder in consideration of the provision and delivery of the items and the remedying of defects/ replacement therein the contract price of such other sum as may become payable under the provisions of the contract, at the times and in the manner prescribed in the contract.

9. Any notice under this contract shall be in the form of letter, telex, fax or cable. Notices to either party shall be given at such address or addresses as such party shall specify from time to time by written notice to the other. In the absence of such notice to the contrary, notice to the Authority shall be properly addressed to: -

The Director,
Inland Waterways Authority of India
National Waterway Road, Kannadikkadu, Maradu P O
Kochi- 682 304
Tele.: 0484-2389 804 Fax : 0484 - 2389 445;
E-mail: iwai_kochi@yahoo.co.in; dirkoc.iwai.@nic.in

(Bidder address, telex number and cable address)

A notice shall be effective when delivered or on the notice's effective date, whichever is later.

In WITNESS WHERE OF the parties hereto have caused this contract to be executed in accordance with their respective laws the day and year first above written.

Signature of Authority (seal)

Signature for Bidder

Signed sealed and delivered by the said .... (for the Authority) in the presence of .... Signed. Sealed and delivered by the said .... (for the Bidder) in the presence of ....

Annexure-III

9. DETAILS OF BANK ACCOUNT FOR RELEASE OF PAYMENT THROUGH ELECTRONIC FUND TRANSFER SYSTEM.

(TO BE FURNISHED BY THE BIDDER ON ITS LETTER HEAD)
NAME OF THE PROJECT:_____

THE BANK ACCOUNT DETAILS ARE FURNISHED AS BELOW.

We _____ (Name of the Bidder) hereby request you to give our payments by crediting our bank account directly by E-payment mode as per account details give below. We hereby undertake to intimate IWAI in case of any change in particulars given below and will not hold IWAI responsible for any delay I default due to any technical reasons beyond IWAI's control:-

Bank Account Number :_____

RTGS/NEFT/IFSC Code :_____

NAME OF THE BANK :_____

ADDRESS OF THE BRANCH OF THE BANK :_____

BRANCH CODE :_____

ACCOUNT TYPE (SAVING/CURRENT/OTHERS):_____

A BLANK CHEQUE (CANCELLED) IS ENCLOSED HEREWITH.

I/WE hereby declare that the particulars given above are correct and complete if the transaction is delayed or credit is not affected at all for reasons of incomplete or incorrect information. I/We would not hold IWAI responsible.

Signature of Authorized Signatory

Date:

BANK CERTIFICATION

It is certified that above mentioned beneficiary holds a bank account No. with our branch and the bank particulars mentioned above are correct.

Date

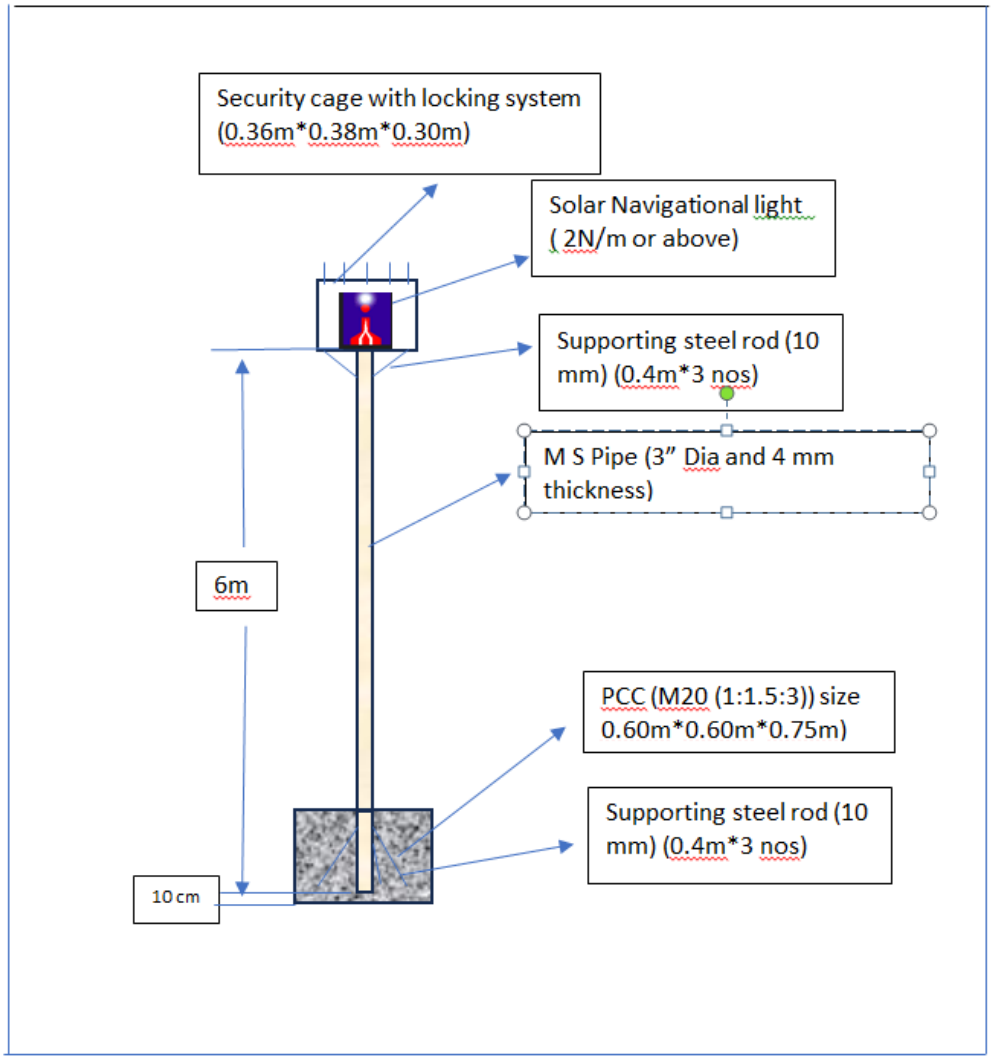
Authorized Signatory

Authorization No._____

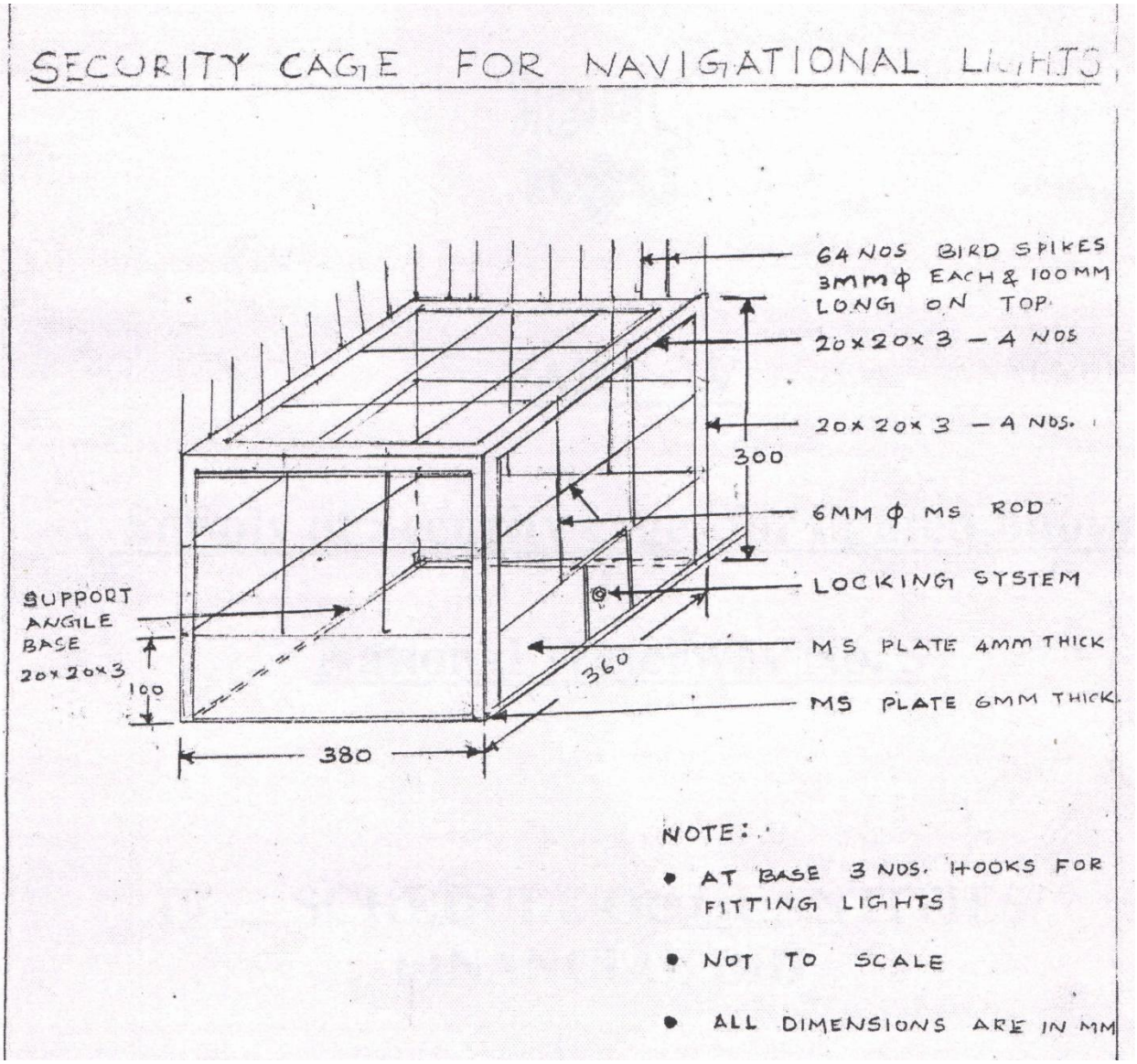
Name:_____

Official Seal/Stamp

DRAWING OF 6 M HEIGHT BEACON TOWER WITH M.S. PIPE



Security cage



TIME SCHEDULE FOR WORK OF INSTALLATION & MAINTENANCE FOR 24 HRS. NAVIGATIONAL SYSTEM IN NW- 3

1. Time schedule:-

SL#	**Items**	**Period**
1	Award of work order	ZERO DATE
2	Submission of performance Security (total 5% of the contract value)	WITHIN 10 DAYS FROM THE DATE OF ISSUANCE OF AWARD OF WORK ORDER.
3	Signing of agreement	WITHIN 15 DAYS FROM THE DATE OF ISSUANCE OF AWARD OF WORK ORDER.
4	Warranty period	ONE YEAR FROM THE DATE OF COMPLETION OF INSTALLATION.
5	Maintenance of poles beacon lamp followed by fortnight joint inspection	• Maintenance started from after completion of installation as per the direction of EIC. • First Fortnight – submission of report 18th of every current month • Second Fortnight – submission of report 3rd of next month

DETAILS OF PAST EXPERIENCE OF CONTRACTOR FOR SIMILAR WORK

(The details are to be furnished by bidder in order to evaluate the prequalification of bidder in accordance with "**INSTRUCTIONS FOR SUBMISSION OF BIDS"** ITB clause 10(i))

Sl. No.	Details of Items Supplied	Value	Duration of contract		
			Date of Supply	Scheduled completion date	Actual completion date

(Signature of Bidder)

TENDER NO. : IWAIKC-14/15/2026-DIR (KOCHI)/29

PART – V

SCHEDULE OF QUANTITIES / FINANCIAL BID

Tender for Supply & Installation and Maintenance Pole beacon lamp Navigational system in NW-3.

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October 2026

भारतीय अंतर्देशीय जलमार्ग प्राधिकरण

INLAND WATERWAYS AUTHORITY OF INDIA

(Ministry of Ports, Shipping and Waterways, Govt. of India)

(पत्तन, पोत परिवहन और जलमार्ग मंत्रालय, भारत सरकार)

National Waterway Road, Kannadikkadu, Maradu P.O,

NH 47 Bypass, Ernakulam, Kerala. PIN: 682 304.

E mail:- dirkoc.iwai@nic.in, Web Site:- www.iwai.gov.in

https://eprocure.gov.in/eprocure/app

****

BILL OF QUANTITIES

The below mentioned Commercial bid format is provided as BoQ_XXXX.xls along with this tender document at https://eprocure.gov.in/eprocure/app. Bidders are advised to download this BoQ_XXXX.xls as it is and quote their offer/rates in the permitted column and upload the same in the commercial bid.

Note: The Bidder shall enter a firm price against each item and fill up the table. The tender is "One Tender, Separate Prices." Prices should be in rupees (in figures). Total Amount is automatically calculated and write in words.

1. **The price(s) quoted shall be Basic cost other than GST and inclusive of transportation, inspection charges, etc.**

2. Rate quoted should be inclusive of cost of all accessories as details given in this tender document.

3. The Authority reserves the right at the time of awards of order to increase the quantity of items specified in the price schedule without any change in unit prices or other terms and conditions.

Tender Inviting Authority: Inland Waterways Authority of India.

Name of Work: Supply & Installation and Maintenance Pole beacon lamp Navigational system in NW-3.
.

Contract No: IWAIKC-14/15/2026-DIR (KOCHI)/29

Bidder Name:						
PRICE SCHEDULE **(This BOQ template must not be modified / replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only)**						
NO.#	TEXT #	NUMBER #	TEXT #	NUMBER #	NUMBER #	TEXT #
Sl. No.	**Item Description**	**Quantity**	**Unit**	**RATE (incl. of 1% Labour Welfare Cess but exclusive of GST) Rs. P**	**AMOUNT**	**TOTAL AMOUNT In Words**
1	**2**	**3**	**4**	**5**	**6**	**7**
1	Supply & Installation of M.S Pole of 6 m length of navigational lights as per drawing, technical specifications & as per direction of EIC all complete labour, material, T & P and Transportation, inclusive of all taxes and duties as applicable except GST.	100	Nos			INR... Only
2	Maintenance of pole beacon lamp and LED lights in NW-3 for 12 months (i.e. 12x100=1200	1200	Nos			INR... Only
				Total in Figures		INR... Only
				Quoted Rate in Words	**INR ..... Only**	

Signature: .....……...

Name & Address of the Bidder: .....……..……

.....……

.....……

.....……