



# THE STATE FISHERIES DEVELOPMENT CORP. LTD.

(An ISO 9001:2015 Certified Govt. Undertaking )



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## **e-Tender Notice No. SFDC/MD/NIT- 08(e)/2024-25**

**Memo No: 748/Const-200/2024**

**Date: 20/08/2024**

The Managing Director, The State Fisheries Development Corporation Limited invites e-tender for the work detailed in the table below. (Submission of Bid through **online**)

Sl. No.	Name of work	Estimated Amount	Earnest Money	Period of completion	Eligibility of Bidder
		(In Rs.)	(In Rs.)		
1	Protection work at Katnadighi Fisheries Project, Dist.- Purba Medinipur.	Rs. 48,33,565.00	@ 2% of estimated amount i.e. Rs. 96,671.00	90 (Ninety) Days	Bonafide outsider resourceful & reliable agencies (reference Serial No. 5 of this e-NIT).

**N.B.:- The successful L1 Bidder shall have to pay the fees of requisite set of tender documents for execution of formal agreement.**

- Both Technical document and Financial Bid are to be submitted in technical (Statutory & Non- Statutory) and financial folder concurrently duly digitally signed in the website <http://wbtenders.gov.in>.
- Necessary Earnest Money will be deposited by the bidder electronically: online – through his net banking enabled bank account, maintained at any bank or: offline – through any bank by generating NEFT/ RTGS challan from the e-tendering portal. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name(ICICI Bank) & IFSC Code and e-Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site (i.e Unique transaction receipt) & must be uploaded in the EMD folder of Statuary Bid Document. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD. *Bidders eligible for exemption of EMD as per Govt. rule may avail the same and necessary documents regarding the exemption of EMD must be uploaded in the EMD folder of Statuary bid documents.*
- The Technical document and Financial Bid submitted online only.
- The FINANCIAL OFFER of the prospective tenderer will be considered only if the TECHNICAL Document of the tenderer found qualified by the Managing Director, The State Fisheries Development Corporation Limited. The decision of the Managing Director, The State Fisheries Development Corporation Limited will be final and absolute in this respect. The both list of Qualified Bidders will be displayed in the website and also in the Notice Board of the office of the Managing Director, The State Fisheries Development Corporation Limited, on the scheduled date and time.

5. **Eligibility criteria for participation in the tender.**

- i) The intending tenderers should produce credentials of a similar nature of completed work (Embankment/ Road/ similar type of protection work) as a prime agency of the minimum value of 40% (forty percent) of the estimated amount put to tender during 5 (five) years prior to the date of issue of the tender notice; or,
- ii) The intending tenderers should produce credentials of 2 (two) similar nature of completed work (Embankment/ Road/ similar type of protection work) as a prime agency, each of the minimum value of 30% (thirty percent) of the estimated amount put to tender during 5 (five) years prior to the date of issue of the tender notice; or,
- iii) The intending tenderers should produce credentials of one single running work (Embankment/ Road/ similar type of protection work) of similar nature as a prime agency which has been completed to the extent of 80% (eighty percent) or more & value of which is not less than desired value at (i) above;

In case of running works, only those tenderers who will submit the certificate of satisfactory running work from the concerned Executive Engineer, or Equivalent competent authority will be eligible for the tender, in the required certificate it should be clearly stated that the work is in progress satisfactorily & that no penal action has been initiated against the executed agency i.e. the tenderer.

The prospective tenderers must have sufficient credential to participate in the Tender as per Notification bearing No. 04-A/PW/O/10C-02/14 dated 18.03.2015 of Accounts Branch, PWD, Govt. of W.B. [Non Statutory Documents].

N.B. :- Completion certificate should contain a) Name of work , (b) Name of Client, (c) Amount put to tender, (d) Schedule month and year of commencement and completion as per work order (e) actual month and year of completion.

**Completion Certificate along with Work Order and BOQ must be uploaded. Otherwise tender will be treated as non qualified.**

- iv) Payment certificate will not be treated as credential.
- v) Credential certificate issued by the Executive Engineer or equivalent or competent authority of a state / Central Govt., State / Central Govt. undertaking, Statutory / Autonomous Bodies Constituted under the Central / State Statute, on the executed value of completed / running work will be taken as credential.
- vi) The prospective bidders shall have in their full time engagement experienced technical personnel, the minimum being **one Degree holder Civil** or **one Diploma holder Civil** (Authenticated documents in respect of qualification and engagement shall be furnished for Technical Evaluation),, failing which the bid may be treated as non responsive[Non statutory Documents].
- vii) A Bank Solvency Certificate not be less than 10% (Ten percent) of the amount put to tender with Proper & authentic documents to be submitted through e-filing. Evidence of access to or availability of credit facilities should be certified by the any commercial Bank [Non statutory Documents].

**Available Bid capacity to be calculated on the basis prescribed Format as illustrated in Form- II A attached at Section A (Kindly note that this Form- II A must be submitted duly signed & sealed by the applicant / bidder & authenticated by Statutory Auditor's Firm failing which this application / bid will be rejected) The Bid capacity shall not be less than the estimated amount put to tender.**

Bid capacity and Financial statement should be mentioned UDIN.

- viii) Declaration regarding Structure and Organization duly digitally signed by the applicant to be submitted along with application.
- ix) In case of Registered Unemployed Engineers' Co-operative Societies and Registered Labour Co-operative Societies, documents of credentials as per Serial No. 5, Page No. 2 of this e-NIT. 'Certificate of Registration' and 'Certificate for Validity of Registration' from the respective Assistant Registrar of Co-operative Societies, Bye Law, PAN Card, Current P. Tax Challan, Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act '2017, Employees Provident Fund and Employees State Insurance registration number and current challan eligible list of Registered Unemployed Engineers' Co-operative Societies / Registered Labour Co-operative Societies issued by the concerned Assistant Registrar of Co-operative Societies showing the name of their Society must be documented through e-filing. Also in case of Registered Unemployed Engineers' Co-operative Societies, documents in satisfying the following criteria are required to be documented through e-filing:-

- a) The Society consists of at least 10 (ten) members of which at least 60% should hold Degree or Diploma in any branch in Engineering as per Memo No. 44-A/4M-11/2002 dt. 09.01.2004 of Deputy Secretary-III, P.W.D.. Privilege will be allowed as per G.O. No. 378(9)-A/PW/O/10C- 17/05 dt. 31-05-2005 P.W.D. Accounts Branch by Deputy Secretary-III including necessary documents in support of the statement and along with other supporting papers. (Non-Statutory documents)
- b) Above society shall be allowed to participate the work mentioned in this e-NIT as per G.O.
- x) In case of proprietorship & partnership Firm & Company, System Generated Tax Audit Report in 3 CD & 3CB Form shall have to be furnished along with Balance Sheet & Profit & Loss Account & all schedules forming the part of Balance Sheet & Profit & Loss Account. Tax Audit Report, Balance Sheet & Profit & Loss Account including all schedules forming the part of Balance Sheet & Profit & Loss Account should be in favour of applicant. No other name along with applicant name in such enclosure will be entertained. (Non-Statutory Document).
- xi) **Joint venture will not be allowed** to participate in the above e-NIT.
- xii) Where there is a discrepancy between the unit rate & the line item total resulting from multiplying the unit rate by the quantity, the unit rate quoted shall govern.
- xiii) Prevailing safety norms has to be followed so that LTI (Loss of time due to injury) is zero.
- xiv) The Tender evaluation committee will have sole discretion to decide eligibility of the contractor on the basis of e-filing documents and reserves the right to refuse any explanation to contractors found ineligible after scrutiny.
- xv) A prospective tenderer shall be allowed to participate in the particular work either in the capacity of individual or as a partner of a firm. If found to have applied severally in a single work, all his applications will be rejected for that work without assigning any reason thereof.
- xvi) The partnership firm shall furnish (a) Registration certificate from Register of Firms, (b) The registered partnership deed & the company shall furnish (a) Incorporation Certificate & (b) Article of Association & Memorandum. (Non-Statutory Document).

**6. No mobilization /secured advance shall be allowed.**

7. Agencies shall have to arrange land for erection of Plant & Machineries, storing of materials, labour shed, laboratory etc. at their own cost and responsibility.
8. All materials such as cement, steel etc. are to be procured at his own cost including all Taxes. Quality of material should be maintain as per specification with reliable B.I.S. Code & as mentioned in the structural detail drawing & test certificate should be submitted as per direction of E.I.C. The quality of materials & specifications of items as per provision of P.W.D. S.O.R. & relevant I.S. Code.
9. Recovery of 1% (one percent) cess on construction cost in accordance with the buildings and other construction worker's (Regulation of Employment & conditions of service) Act. 1996 will be implemented in this Tender.
10. Arbitration will not be allowed. The Clause No. 25 of 2911 is to be considered as deleted clause vide gazette notification no. 558/SPW-13th December, 2011.
11. Bids shall remain valid for a period not less than 180 (One hundred eighty) days from the date of opening of the Financial Bid. Bid valid for a shorter period shall be rejected by The Managing Director, as non-responsive.
12. The prospective bidders shall have own the required plant & machinery in working condition. The contractor must furnish the documents in support of ownership & shall have to be submitted through e-filing [Non - Statutory Documents]. The minimum numbers of machineries are given in the form.
13. The prospective bidders shall be capable to establish field testing laboratory equipped with requisite instruments and technical staff so that if the work is finally awarded, he may establish such laboratory in the work site. Test of materials from outside recognized laboratory may be done, if required, at the discretion of the Engineer-in-charge. The cost for such testing will be borne by the agencies.
14. The intending bidders should clearly understand that whatever may be the outcome of the present invitation of bids, no cost of bidding is reimbursable from the department.

15. In case of inadvertent typographical mistake in the bill of quantity, the same will be treated to be corrected as to confirm with the prevailing relevant schedule of rates of PWD / PWD (Electrical) / PWD (Roads)/ I& WD for the concerned district or as per Technically sanctioned estimate.
16. No fixed Security Deposit will be allowed.
17. No Price Adjustment in respect of certain construction material (i.e. cement components, steel components etc.) will be considered.
18. If required ready Mix Concrete as per specification required for the construction work will be supplied by the agency through his own plant / from any reputed/recognized supplier if required.
19. Running payment for the work may be made on availability of the fund after necessary certification of work along with checking of contractor's bill.
20. Successful bidder (L1) will have to purchase atleast 2(two) copies of tender at usual cost which mentioned in e-NIT from the office of the respective MD, SFDCL.

**21. A :- Important information**

Date & Time schedule

Sl. No.	Particulars	Date & Time
1.	Date of uploading of e-N.I.T. Documents online) (Publishing Date)	21/08/2024 at 6.55 pm.
2.	Documents download/sell start date (Online)	21/08/2024 at 6.55 pm.
3.	Documents download/sell end date (Online)	04/09/2024 upto 4.00 pm.
4.	Date of Pre Bid Meeting with the intending bidders In the office of The Managing Director, The State Fisheries Development Corporation Limited	27/08/2024 at 1.00 pm.
5.	Bid submission start date (Online)	21/08/2024 at 6.55 pm.
6.	Bid Submission closing (Online)	04/09/2024 upto 4.00 pm.
7.	Bid opening date for Technical Proposals (Online)	06/09/2024 at 4.00 pm.

**22. LOCATION OF CRITICAL EVENT**

**Pre Bid Meeting  
And Bid Opening**



Office of the **Managing Director**  
**The State Fisheries Development Corporation Limited**  
**(Conference Room).**  
**Bikash Bhawan, North Block, 1<sup>st</sup> Floor, Salt Lake,**  
**Kol-700091**

23. The Agency will be liable to maintain the work at working portion at the appropriate service level to the satisfaction of the Engineer-in-Charge at his own cost for a period as per prevailing Govt. rule from the date of completion of the work. If any defect/damage is found during the period as mentioned above contractor shall make the same good at his own cost expense to the specification at par with instant project work. Failure to do so, penal action against the Agency will be imposed by the Department as deem fit. The Agency will have to quote his rate considering the above aspect.
24. All Bidders are requested to present in the 'The State Fisheries Development Corporation Limited.', during opening the financial bid The Managing Director, **The State Fisheries Development Corporation Limited** may call **Open Bid/Sealed Bid** after opening of the said bid to obtain the suitable rate further, if it is required. No objections in this respect will be entertained raised by any Bidder who will present during opening of bid, or from any Bidder who will absent at the time of opening of Financial Bid. No informal tenderer will be entertained in the Bid further.
25. Site of work and necessary drawings may be handed over to the agency phase wise. No claim in this regards will be entertained.

26. **Earnest Money** : Necessary Earnest Money will be deposited by the bidder electronically: online – through his net banking enabled bank account, maintained at any bank or: offline – through any bank by generating NEFT/ RTGS challan from the e-tendering portal. Intending Bidder will get the Beneficiary details from e-tender portal with the help of Digital Signature Certificate and may transfer the EMD from their respective Bank as per the Beneficiary Name & Account No., Amount, Beneficiary Bank name(ICICI Bank) & IFSC Code and e-Proc Ref No. Intending bidder who wants to transfer EMD through NEFT/RTGS must read the instruction of the Challan generated from E-Procurement site & must be uploaded in the EMD folder of Statuary Bid Document. Bidders are also advised to submit EMD of their bid, at least 3 working days before the bid submission closing date as it requires time for processing of Payment of EMD. Bidders eligible for exemption of EMD as per Govt. rule may avail the same and necessary documents regarding the exemption of EMD must be uploaded in the EMD folder of Statuary bid documents.
- Balance amount of earnest money if any required (calculated on the basis of @ 2% of total Estimated amount) has to be deposited by the successful bidder(s) at the time of formal agreement.**
27. The Bidder, at his own responsibility and risk is encouraged to visit and examine the site of works and its Surroundings and obtain all information's that may be necessary for preparing the Bid and entering into a contract for the work as mentioned in the Notice Inviting Tender, before submitting offer with full satisfaction, the cost of visiting the site shall be at his own expense.
28. The intending Bidders shall clearly understand that whatever may be the outcome of the present invitation of Bids, no cost of Bidding shall be reimbursable by the Department. The Managing Director, The State Fisheries Development Corporation Limited reserves the right to reject any application for purchasing Bid Documents and to accept or reject any offer without assigning any reason whatsoever and is not liable for any cost that might have incurred by any Tenderer at the stage of Bidding.
29. **Prospective applicants are advised to note carefully the minimum qualification criteria as mentioned in 'Instructions to Bidders' before tendering the bids.**
30. **Conditional / Incomplete tender will not be accepted.**
31. The intending tenderers are required to quote the rate *on line*.
32. Contractor shall have to comply with the provisions of (a) the contract labour (Regulation Abolition) Act. 1970 (b) Apprentice Act. 1961 and (c) minimum wages Act. 1948 of the notification thereof or any other laws relating thereto and the rules made and order issued there under from time to time.
33. **Guiding schedule of rates - For building works:** Current Schedule of rates for concerned District P.W.D. with effect from 01.11.2017 for Building, Sanitary & Plumbing works P.W (R) SOR, P.W.D. (Electrical) SOR along with up to date Corrigenda & Addenda.
34. No price preference & other concession as per Order No. 1110-F dated 10.02.2006 will be allowed.
35. During the scrutiny, if it come to the notice to tender inviting authority that the credential or any other paper found incorrect/ manufactured/ fabricated, that bidder would not allowed to participate in the tender and that application will be out rightly rejected without any prejudice. The The Managing Director, The State Fisheries Development Corporation Limited reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.
36. In case if there be any objection regarding prequalifying the Agency that should be lodged to the The Managing Director, The State Fisheries Development Corporation Limited within 2 (two) days from the date of publication of list of qualified agencies and beyond that time schedule no objection will be entertained by the authority.
37. Before issuance of the **WORK ORDER**, the tender inviting authority / bid evaluation committee may verify the hard copy of earnest money, the credential and other documents of the lowest tenderer if necessary. After verification if it is found that the documents submitted by the lowest tenderer is either

manufactured or false in that case work order will not be issued in favour of the said Tenderer under any circumstances.

38. If any discrepancy arises between two similar clauses on different notification, the clause as stated in later Notification will supersede former one in following sequence.
- i) Form No. 2911.
  - ii) e-NIT
  - iii) Special terms & conditions.
  - iv) Technical Bid.
  - v) Financial Bid
39. The prospective tenderers or any of their constituent partner shall neither have abandoned any work nor any of their contract have been rescinded during the last 3 (three) years. Such abandonment or rescission will be considered as disqualification towards eligibility.
40. **Qualification criteria.**  
The tender inviting & Accepting Authority will determine the eligibility of each bidder, the bidders shall have to meet all the minimum regarding.
- a) **Financial Capacity.**
  - b) **Technical Capability comprising of personnel & equipment capability.**
  - c) **Experience/Credential**
- The eligibility of a bidder will be ascertained on the basis of the digitally signed documents in support of the minimum criteria as mentioned in a, b, c above. If any document submitted by a bidder is either manufacture or false, in such cases the eligibility of the bidder/ tenderer will be out rightly rejected at any stage without any prejudice.
41. Where an individual person holds a digital certificate in his own name duly issued to him by the company or the firm of which he happens to be a director or partner, such individual person, either belonging to an appropriate cadre officer of the company or an authorized partner of a firm, having a registered power of attorney empowered by the board or by the firm, shall invariably upload a copy of registered power of attorney showing clear authorization in his favour, to upload such tender.  
The power of attorney shall have to be registered to accordance with the provisions of the Registration Act, 1908.
41. The bidder should submit necessary labour license from the competent authority under contract labour (Regulation & Abolition) Act '1970.
42. No child labour will be allowed at the working site.
43. The prospective bidder to arrange sufficient construction materials & mechanical equipment's to ensure compliance with his obligations under the contract.
45. All the EMD/Tender Fees in respect of e-Tender will mandatorily be received and refund/settlement made as per Finance Department, Govt. of West Bengal vide No. 3975-F(Y) dated 28<sup>th</sup> July '2016.
46. Rate should be quoted including all duties, taxes & other levies Educational Cess etc. as imposed by Govt. of India & Govt. of West Bengal valid on date of bidding, payable by the Contractor under the Contract, or for any other cause. **The Managing Director, The State Fisheries Development Corporation Limited** will not make any payments towards taxes, duties, levies etc. for the entire contract period.
47. Bidder shall submit copy of :-
- i) Valid PAN issued by the IT Deptt., Govt. of India & I.T Return for last 05 (five) years.
  - ii) Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act '2017.
  - iii) Tax invoice(s) needs by the supplier for raising claim under the contract showing separately the tax charged in accordance with the provisions of GST Act '2017.
  - iv) Employees Provident Fund and Employees State Insurance registration number and current challan.

**48. Defect liability period for the work shall be 01 (One Year)** from the actual date of Completion of the work.

Refund of Security Deposit for work will be paid after one year Defect Liability Period.

**49. Supplementary work/ deviation quantity if any should be followed as per Notification No. 6754-PW/L & A/2M-312/2017 dt. 18/12/2017.**

**Sd/-**

**MANAGING DIRECTOR  
THE STATE FISHERIES DEVELOPMENT  
CORPORATION LIMITED**

**Memo No. 748/1(4)/Const-200/2024**

**Dated : 20/08/2024**

Copy forwarded for favour of kind information to the:-

- 1) The Secretary to the Govt. of West Bengal, Fisheries Department,
- 2) The Managing Director, BENFISH,
- 3) The PS to Minister in Charge, Fisheries Department,
- 4) Guard file

**Sd/-**

**MANAGING DIRECTOR  
THE STATE FISHERIES DEVELOPMENT  
CORPORATION LIMITED**

SECTION A  
**INSTRUCTION TO BIDDERS**

*1. General guidance for e-Tendering*

Instructions/ Guidelines for tenderers for electronic submission of the tenders online have been annexed for assisting the contractors to participate in e-Tendering.

1. Registration of Contractor

Any contractor willing to take part in the process of e-Tendering will have to be enrolled & registered with the Government e-Procurement system; through logging on to <https://etender.wb.nic.in> (the web portal of public works department) the contractor is to click on the link for e-Tendering site as given on the web portal.

2. Digital Signature certificate (DSC)

Each contractor is required to obtain Digital Signature Certificate (DSC) for submission of tenders, from the approved service provider of the National Information's Centre (NIC) on payment of requisite amount details are available at the Web Site stated in Clause-2 of Guideline to Bidder DSC is given as a USB e- Token.

3. The contractor can search & download NIT & Tender Documents electronically from computer once he logs on to the website mentioned in Clause 2 using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

4. Participation in more than one work

A prospective bidder shall be allowed to participate in the job either in the capacity of individual or as a partner of a firm. If found to have applied severally in a single job all his applications will be rejected for that job. A prospective bidder (including his participation in partnership) shall be allowed to participate in single road /building work as mentioned in the list of schemes.

5. Submission of Tenders.

General process of submission, Tenders are to be submitted through online to the website stated in Cl. 2 in two folders at a time for each work, one in Technical Proposal & the other is Financial Proposal before the prescribed date & time using the Digital Signature Certificate (DSC) the documents are to be uploaded virus protected scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

A. Technical proposal

The Technical proposal should contain scanned copies of the following further two covers (folders).

**A-1. Statutory Cover Containing**

- (i) Prequalification Application (Sec-B, Form- I).
- (ii) Tender Form No. 2911 & NIT (download properly and upload the same digitally Signed).
- iii) SPECIAL TERMS AND CONDITIONS\_DECLARATION BY THE TENDERER\_EXPERIENCE PROFILE.

**A-2. Non statutory Cover Containing**

- i) PAN Card, Current P.Tax Challan, Current IT Return for last 5 (five) years, Trade License, Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act '2017, Tax invoice(s) needs by



the supplier for raising claim under the contract showing separately the tax charged in accordance with the provisions of GST Act '2017, Employees Provident Fund and Employees State Insurance registration number and current challan.

- ii. Registration Certificate under Company Act. (if any).
- iii. Registered Deed of partnership Firm/ Article of Association and Memorandum.
- iv. Registered Power of Attorney (For Partnership Firm/ Private Limited Company, if any).
- v. System generated Tax Audit Report in 3 CD/ 3CB Form shall have to be furnished along with Balance Sheet and Profit and Loss A/c for the last five years (year just preceding the current Financial Year will be considered as year – I).
- vi. Employees Provident Fund and Employees State Insurance registration number and current challan.
- vii. Clearance Certificate for the Current Year issued by the Assistant Register of Co-Op(S) (ARCS) bye laws are to be submitted by the Registered Labour Co-Op (S) Engineers' Co.-Opt.(S).
- viii. List of technical staff (Form-III B) along with structure and organization (Section – B, Form – III).
- ix. List of machinery possessed by own / arrange through lease hold agreement along with authenticated copy of invoice & challan. (Section –B, Form IV).
- x. Credential as per Serial No. 5, Page No. 2 of this e-NIT. To be furnished (Section – B, Form – V).
- xi. Information regarding litigation etc. to be furnished (Section – B, Form – VI).
- xii. Bank solvency certificate to be furnished (Section – B, Form – VII).
- xiii. Declaration by the Tenderer ( Section-B, Form-VIII)

**Note:-** The eligibility of a bidder will be ascertained on the basis of scanned copy of all original documents duly digitally signed as stated in A-1 & A-2. Failure of submission of any of the above mentioned documents (as stated in A1 and A2) will render the tender liable to summarily rejected for both statutory & non statutory cover.

### **C. Financial proposal**

- (i) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ) the contractor is to quote the rate (percentage Above/ Below/ At par) online through computer in the space marked for quoting rate in the BOQ.
- (ii) Only downloaded copies of the above documents are to be uploaded virus scanned and Digitally Signed by the contractor.
- (iii) Financial capacity of a tenderer will be judged on the basis of available bid capacity as mentioned in the e-N.I.T. to be derived from the information furnished in **FORM- II A** i.e., Application (for Pre-qualification). If an applicant feels that his/their Working Capital beyond own resource may be insufficient, he/they may include with the application a letter of guarantee issued by a first class Bank to supplement the applicant. This letter of guarantee should be addressed to the Tender Inviting/ Accepting Authority and should guarantee duly specifying the name of the project that in case of contract is awarded to the Tenderer, the Tenderer will be provided with a revolving line of credit. Such revolving line of credit should be maintained until the works are taken over by the Engineer-In-Charge/ Employer. The audited Balance sheet for the last five years, net worth bid capacity etc. are to be submitted which must demonstrate the soundness of Tenderer's financial position, showing long term profitability including an estimated financial projection of the next two years.
- iv) As per G.O. No. 4608-F(Y) dated 18.07.2018 of Finance Department, Govt. of West Bengal, Additional

Performance Security @ 10% (Ten Percent) of the tendered amount shall be obtained from the successful bidder if the accepted bid value is 80% (Eighty percent) or less of the Estimated amount put to tender.

The Additional Performance Security shall be submitted in the form of Bank Guarantee from any Scheduled Bank before issuance of the Work Order.

The Bank Guarantee shall have to be valid upto end of the Contract Period & shall be renewed accordingly, if required.

Necessary provisions regarding deduction of security deposit from the progressive bills of the contractor as per relevant clauses of the contract shall in no way be altered / affected by provision of this Additional Performance Security.

**6. Penalty for suppression / distortion of facts**

Submission of false document by tenderer is strictly prohibited and in case of such act by the tenderer the same may be referred to the appropriate authority for prosecution as per relevant IT Act with forfeiture of earnest money forthwith.

**7. REJECTION OF BID:-**

**The Employer (tender accepting authority / bid evaluation committee) reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the ground for Employer's (tender accepting authority) action.**

The Tenderer whose Bid has been accepted will be notified by the Tender Inviting and Accepting Authority through acceptance letter/ Letter of Acceptance

The Letter of Acceptance will constitute the formation of the Contract.

The Agreement in Printed Tender Form in WBF No. 2911 / 2911(i) /2911(ii) will incorporate all necessary documents e.g. N.I.T., all addenda corrigendum, special terms and condition (Section –C), different filled-up forms (Section –B), B.O.Q. and the same will be executed between the Tender Accepting Authority and the successful Tenderer.

**Sd/-  
The Managing Director  
The State Fisheries Development  
Corporation Limited**

**THE ABOVE STATED NON-STATUTORY/TECHNICAL DOCUMENTS SHOULD BE ARRANGE IN THE FOLLOWING MANNER**

Click the check boxes beside the necessary documents in the My Document list and then click the tab “ Submit Non Statutory Documents’ to send the selected documents to Non-Statutory folder. Next Click the tab “ Click to Encrypt and upload” and then click the “Technical” Folder to upload the Technical Documents.

Sl. No.	Category Name	Sub Category Description	Details
A.	CERTIFICATES	CERTIFICATES	<ol style="list-style-type: none"> <li>Valid 15-digit Goods and Services Taxpayer Identification Number (GSTIN) under GST Act ‘2017.</li> <li>Tax invoice(s) needs by the supplier for raising claim under the contract showing separately the tax charged in accordance with the provisions of GST Act ‘2017.</li> <li>PAN Card, Current P.Tax Challan.</li> <li>Current IT return</li> <li>Current Trade License</li> <li>Employees Provident Fund and Employees State Insurance registration number and current challan.</li> </ol>
B.	Company Details	Company Details – I	<ol style="list-style-type: none"> <li>Society (Society Registration copy, Trade License).</li> <li>Power of attorney.</li> <li>Partnership Firm (Partnership Deed, Trade License).</li> <li>Bye Law.</li> <li>Eligible list of Registered Unemployed Engineers Co-operative Society /Registered Labour Co-operative Society.</li> <li>Current Audit Report.</li> <li>Current N.O.C. from A.R.C.S.</li> <li>Minutes of last A.G.M.</li> </ol>
C.	Credential	Credential 1	<ol style="list-style-type: none"> <li>Similar nature of work (Embankment/ Road/ similar type of protection work) done &amp; completion certificate which is applicable for eligibility in this tender.(ref. Serial no-5 of this e-NIT)</li> </ol>
D.	Man Power, Machineries	Technical Personnel, Machineries	List of Technical Staffs (Form-III B) along with Structures & Organization (Section-B, Form-III) (As per e-NIT), Section-B (Form-IV)
E	Financial Information	Work in Hand	<ol style="list-style-type: none"> <li>Bid Capacity (Form-II A)</li> <li>Affidavits – X &amp; Affidavits – Y (Section – B)</li> <li>Certificate of revolving line of credit by the Bank.</li> </ol>
		Profit & Loss A/c. & Balance Sheet for last 5 (five) years	Profit & Loss A/c. & Balance Sheet (with Annexure & System generated 3CD & 3 CB form in case of Tax Audit).

**Note:- Scan copy of all original documents stated above shall be uploaded duly signed by the bidder.**

- A. Tender evaluation by The Managing Director, The State Fisheries Development Corporation Limited**
- Opening of Technical proposal :- Technical proposals will be opened by Bid evaluation Committee constituted by The Managing Director, The State Fisheries Development Corporation Limited, and his authorized representative electronically from the web site stated using their Digital Signature Certificate.
  - Intending tenderers may remain present if they so desire.
  - Cover (folder) statutory documents (vide Cl. No. 5.A-1 of Section “A”) should be open first & if found in

order, cover (Folder) for non-statutory documents (vide Cl. No. – 5.A-2 of Section “A”) will be opened. If there is any deficiency in the statutory documents the tender will summarily be rejected.

- iv. Decrypted (transformed in to readable formats) documents of the non statutory cover will be downloaded & handed over to the Managing Director, The State Fisheries Development Corporation Limited.
- v. Uploading of summary list of technically qualified tenderers.
- vi. Pursuant to scrutiny & decision of the Bid evaluation committee constituted by The Managing Director, The State Fisheries Development Corporation Limited the summary list of eligible tenders & the serial number of work for which their proposal will be considered will be uploaded in the web portals.
- vii. While evaluation by Bid evaluation committee constituted by The Managing Director, The State Fisheries Development Corporation Limited may summon of the tenders & seek clarification / information or additional documents or original hard copy of any of the documents already submitted & if these are not produced within the stipulated time frame, their proposals will be liable for rejection.
- viii. **Opening & evaluation of Tender :-**  
If any contractor is exempted from payment of EMD, copy of relevant Government Order needs to be furnished.

#### **B. Financial proposal**

- i) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of quantities (BOQ) the contractor is to quote the rate (Presenting Above/ Below/ At par) online through computer in the space marked for quoting rate in the BOQ.
  - ii) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor.
6. Penalty for suppression / distortion of facts

If any tenderer fails to produce the original hard copies of the documents (especially Completion Certificates and audited balance sheets), or any other documents on demand of **The Managing Director, The State Fisheries Development Corporation Limited** within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression, the tenderer will be suspended from participating in the tenders on e-Tender platform for a 3 (Three) years. In addition, his user ID will be deactivated and Earnest Money Deposit will stand forfeited. Besides, the SFDCL may take appropriate legal action against such defaulting tenderer.

The Employer reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time the prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for Employer’s action.

#### **7. AWARD OF CONTRACT**

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter.

The notification of award will constitute the formation of the Contract.

The Agreement in W.B.F.No.-2911 will incorporate all agreements between the Tender Accepting Authority and the successful Bidder.

**Sd/-**  
**The Managing Director**  
**The State Fisheries Development**  
**Corporation Limited**

**Form - II A**

Information of audited financial statements for the last year to demonstrate the current soundness of the Bidder's financial position :

1. The Bidder's Net worth for the last year calculated on the basis of capital, profit & free reserve available to the firm should be positive.
2. Bidders, who meet the minimum qualification criteria, will be qualified only if their available bid capacity at the expected time of bidding is more than the total estimated cost of the works. The available bid capacity will be calculated as under:

Assessed Available Bid Capacity = (A x N x 2 - B) where

A = Maximum value of engineering works in respect of projects executed in any one year during the last 5 (five) years (updated to the price level of the year indicated in table below under note) taking into account the completed as well as works in progress. The projects include turnkey project / item rate contract / construction works.

N = Number of years (i.e. \_\_\_\_\_ year) prescribed for completion of the works for which Bids are invited.

B= Financial Liability of the bidder to be incurred for existing commitments & on-going works during the period of the subject contract.

**To calculate the value of 'A'**

- i) A table containing value of Engineering Works in respect to Projects (Turnkey projects/item rate contract/construction works) undertaken by the bidder during the last 5 (five) years is as follows :

Sl. No.	Year	Value of Engineering Works undertaken w.r.t. Projects (Rs. In Crores)
1	Year - 5	
2	Year - 4	
3	Year - 3	
4	Year - 2	
5	Year - 1	

- ii) Maximum value of projects that have been undertaken during the F.Y. \_\_\_\_\_ out of the last 5 years & value thereof is Rs. \_\_\_\_\_ Crores. (Rupees \_\_\_\_\_). Further, value updated to the price level of the year indicated in Table is as follows:

Rs. \_\_\_\_\_ Crores x \_\_\_\_\_ (Updation Factor as per Table annexed)

Rs. \_\_\_\_\_ Crores (Rupees \_\_\_\_\_).

Table indicating the factory for the year for updation to the price level is indicated as under

Sl. No.	F.Y. / Calendar year	Updation factor
1	Year - 1	1.0
2	Year - 2	1.05
3	Year - 3	1.10
4	Year - 4	1.15
5	Year - 5	1.20

- iii) Net worth for the last year of \_\_\_\_\_ (name of the company)

<p>.....</p> <p>.....</p> <p>Name of the Statutory Auditor's</p> <p>Firm/Chartered Accountant</p> <p>Signature:-</p> <p>Seal of the Audit/Chartered Accountant Firm:</p> <p>Name of signatory (in capital) :</p>
--

.....  
.....

Signature:  
Name:

Designation of Authorized Signatory

For & on behalf of  
..... (Name of the Applicant)

Membership No.:-  
Firm Regn. No.:-  
Date of Birth :-  
Mob:-  
UDIN :-

Note :

1. All the documents to be submitted in support of Annexure – P must be duly signed & sealed by the applicant / bidder & authenticated by Statutory Auditor's firm.
- ~~2. In case of a Joint Venture, Lead Member of such joint venture shall be required to meet 60% of required Bid Capacity & each of the Joint Venture Members shall be required to meet atleast 30% of requirement of BID Capacity. Bid capacity of all members in total should be atleast 100% of required Bid capacity (Joint Venture is not allowed in this e-NIT).~~

SECTION – B  
FORM –I  
**PRE-QUALIFICATION APPLICATION**

**To**  
**The Managing Director**  
**The State Fisheries Development**  
**Corporation Limited**

Ref: - Tender for \_\_\_\_\_  
\_\_\_\_\_ (Name of work) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**e-N.I.T.NO- \_\_\_\_\_ of 2024-25 of The Managing Director, The State Fisheries Development Corporation Limited**

Dear Sir,

Having examined the Statutory, Non statutory and e-NIT documents, I /we hereby submit all the necessary information and relevant documents for evaluation. The application is made by me / us on behalf of .....In the capacity \_\_\_\_\_ duly authorized to submit the order.

The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith.

We are interested in bidding for the work(s) given in Enclosure to this letter.

We understand that :

- (a) Tender Inviting and Accepting Authority/Engineer-in-Charge can amend the scope and value of the contract bid under this project.
- (b) Tender Inviting and Accepting Authority/Engineer-in-Charge reserves the right to reject any application without assigning any reason.

**Encl:- e-Filling:-**

- 1. Statutory Documents
- 2. Non Statutory Documents

Signed by an authorized officer of the firm

\_\_\_\_\_  
Title of the officer

\_\_\_\_\_  
Name of the Firm with Seal

Date

**N.B. THIS APPLICATION MUST BE MADE IN THE LETTER HEADED PAD OF THE FIRM IN WHICH APPLICATION IS MADE, CLEARLY MENTIONING THE ADDRESS AND CONTACT NUMBER & email ID OF THE FIRM.**

**SECTION – ‘B’  
AFFIDAVIT – “X”**

**(To be furnished in Non – Judicial Stamp paper  
of appropriate value duly notarized on after the date of publication of this e-NIT)**

Work in progress				Work order issued but work not started		
Sl. No.	Name of the work with Tender No.	Estimated Amount	% of work executed	Sl. No	Name of the work with Tender No.	Tendered Amount

Signed by an authorized officer of the firm

\_\_\_\_\_

Title of the officer

\_\_\_\_\_

Name of the Firm with Seal

Date \_\_\_\_\_

**SECTION – ‘B’  
AFFIDAVIT – “Y”**

**(To be furnished in Non – Judicial Stamp paper  
of appropriate value duly notarized)**

- I, the under-signed do certify that all the statements made in the attached documents are true and correct. In case of any information submitted proved to be false or concealed, the application may be rejected and no objection/claim will be raised by the under-signed.
- The under-signed also hereby certifies that neither our firm M/S \_\_\_\_\_ nor any of constituent partner had been debarred to participate in tender for Govt. works during the last 5 (five) years prior to the date of this e-NIT.
- The under-signed would authorize and request any Bank, person, Firm or Corporation to furnish pertinent information as deemed necessary and/or as requested by the Department to verify this statement.
- The undersigned understands that further qualifying information may be requested and agrees to furnish any such information at the request of The Department.
- Certified that I have applied in the tender in the capacity of individual/as a partner of a firm and I have not applied severally for the same work.
- Certify that the rates have been offered by carrying out & completing the work to the satisfaction by the Department by taking due consideration of all factors after inspection of the work site & going through the detailed Notice Inviting e-Tender & Schedule of probable items of work with approximate quantities & other documents.

\_\_\_\_\_

Signed by an authorized officer of the firm

\_\_\_\_\_

Title of the officer

\_\_\_\_\_

Name of the Firm with Seal

Date \_\_\_\_\_



**SECTION - B**  
**FORM- III**  
**STRUCTURE AND ORGANISATION**

- A.1** Name of applicant :
- A.2** Office Address :
- Telephone No. and Cell Phone No. :
- Fax No. :
- E mail ID :
- A.3** Attach an organization chart showing the structure of the company with names of Key personnel and technical staff with Bio-data. :
- A.4** PAN No. :
- A.5** G.S.T. No. :
- A.6** Details of Bank Accounts :-
- i) Name of Bank :
- ii) Name of Branch & Addressed with Phone No. :
- iii) Account No. :
- iv) MICR No. :
- v) IFSC Code No. :

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**Note:** Application covers Proprietary Firm, Partnership, Limited Company or Corporation.

\_\_\_\_\_  
Signed by an authorized officer of the firm

\_\_\_\_\_  
Title of the officer

\_\_\_\_\_  
Name of the Firm with Seal

Date \_\_\_\_\_

**FORM- III B**

**[Ref. NIT Clause No. 3.0 (ii)]**

**(To be furnished in Non- Judicial Stamp paper of appropriate value duly notarized on or after the date of publication of this NIT)**

**List of Technical Personnel to be full time engaged/ appointed for the work “ \_\_\_\_\_**

**\_\_\_\_\_ (Name of work) \_\_\_\_\_ ”**

<b>Sl. No.</b>	<b>Name of Technical Personnel</b>	<b>Qualification</b>	<b>Designation</b>	<b>Date of Joining</b>	<b>Mob No</b>	<b>PAN</b>	<b>Remarks</b>

I on behalf of  (bidders name) do hereby declare that the above information furnished by me are true to the best of knowledge and belief and shall be responsible if any information is found incorrect in due course and the Department has got all right to take any action as deems fit.

Witness : \_\_\_\_\_

\_\_\_\_\_  
Signed by an authorized officer of the firm

-----  
Title of the officer

-----  
Name of the Firm with seal

Date \_\_\_\_\_

\_\_\_\_\_  
Signature of Notary

**SECTION - B**

**FORM – IV**

**C. DEPLOYMENT OF MACHINERIES (in favour of owner):-**

(Original document of own possession arranged through lease deed to be annexed)

(If engaged before Certificate from E.I.C. to be annexed in respect of anticipated dated of release of Machineries.)

Name of Machine / Instrument	Make	Type	Capacity	Motor / Engine No.	Machine No.	Possession Status		Date of release If Engaged
						Idle	Engaged	
1	2	3	4	5	6	7	8	9

Signed by an authorized officer of the firm

\_\_\_\_\_  
Title of the officer

\_\_\_\_\_  
Name of the Firm with Seal

Date \_\_\_\_\_

**SECTION – B FORM – IV (contd...)**

**G. CONTRACTOR'S EQUIPMENT:**

MINIMUM PLANT AND EQUIPMENT TO BE DEPLOYED BY THE CONTRACTOR FOR THE WORK. Whereas it is entirely the responsibility of the Contractor to deploy sufficient plant and mechanical equipment to ensure compliance with his obligations under the Contract, the following list is an indicative list of the minimum essential basic holding of plant and mechanical equipment which should be owned or arranged through lease hold agreement by the bidders. Initially maximum age of the plants, machineries will be 5 years as on the date of publication of NIT. It may be extended up to 7 years after getting fit certificate from the manufacturer and this certificate should be produced at the time of submission of Bid.

All other machineries and equipments should be in running condition.

All plants, machineries and equipments will be verified by the Department before execution of the work.

SL. NO.	TYPE OF EQUIPMENT	NUMBER REQUIRED
01	Excavator	01

**Signature of applicant including title  
and capacity in which application is made**

SECTION-B

FORM-V

EXPERIENCE PROFILE

**LIST OF WORKS COMPLETED WHICH ARE SIMILAR IN NATURE AND EXECUTED & RUNNING WORKS DURING THE LAST FIVE YEARS AS PER CLAUSE 5 OF THIS e-NIT.**

Name of Employer	Name, Location & nature of work	Contract price in Indian Rs.	Value completed & certified in Indian Rs.	Original date of start of work	Original date of completion of work	Actual date of starting the work	Actual date of completion the work	Reasons for delay in completion (if any)

Note : a) Certificate from the Employers to be attached.

Signed by an authorized officer of the firm

\_\_\_\_\_  
Title of the officer

\_\_\_\_\_  
Name of the Firm with Seal

Date \_\_\_\_\_

SECTION-B

FORM-VI

**INFORMATION REGARDING CURRENT LITIGATION, DEBARRING/EXPELLING OF TENDERER OR ABANDONMENT OF WORK BY TENDERER**

1. a) Is the Applicant currently involved in any litigation relating to the contract works. : YES / NO  
b) If yes, give details with reasons :
  
2. a) Has the Applicant or any of its constituent partners been debarred / expelled by any Agency in India, during the last 5 (five) years. : YES / NO  
b) If yes, give details with reasons :
  
3. a) Has the Applicant or any of its constituent abandoned / suspended any contract during the, last 5 (five) years. : YES / NO  
b) If yes, give details with reasons :

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Note: If any information in this Schedule is found to be incorrect or concealed, pre-qualification application will be summarily rejected.

**Signature of applicant including title & capacity in which application is made**

**SECTION-B**  
**FORM-VII**  
**Bank Solvency Certificate**

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This is to certify that .....(name of firm) is a reputed company with a good financial standing.

If the contract for the work, namely “.....  
“(As per NIEt against Notice Inviting e-Tender No. .... of **The Managing Director, The State Fisheries Development Corporation Limited** is awarded to the above firm, we shall be able to provide overdraft / credit facilities to the extent of Rs..... (Rupees.....) **only to meet their working capital for executing the above contract during the contract period.**

Signed by an authorized officer of the Bank with seal  
Name of the Bank  
Address of the Bank  
Phone No.  
e-Mail ID  
Date

**SECTION-B**  
**FORM-VIII**

**DECLARATION BY THE TENDERER**

Ref: - Tender

for \_\_\_\_\_

\_\_\_\_\_ (Name of work)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

e-N.I.T.No.: ..... of 2024-25 of The Managing Director, The State Fisheries Development Corporation Limited

I/We have inspected the site of work and have made myself/ourselves fully acquainted with local conditions in and around the site of work. I /We have carefully gone through the Notice Inviting Tender and other tender documents mentioned therein. I/We have also carefully gone through the 'Priced schedule of Probable Items and Quantities'.

My/Our tender is offered taking due consideration of all factors regarding the local site conditions stated in this Detailed Notice Inviting Tender to complete the proposed construction in all respects.

I/We promise to abide by all the stipulations of the contract documents and carry out and complete the work to the satisfaction of the department.

I/We also agree to procure tools and plants, at my/our cost required for the work.

I/We have applied in the tender in the capacity of individual / as a partner of a firm.

\_\_\_\_\_  
**Signature of Tenderer**

\_\_\_\_\_  
**Postal address of the Tenderer**

**Section – ‘C’**  
**Special terms and conditions**

## **1. Drawings**

The tender must be based on the Departmental G.A.D. and execution of work shall be done as per detailed working drawings to be supplied by the Department from time to time.

## **2. Site Conditions**

i) The tenderer must inspect and examine the site and its surroundings and satisfy himself before submission of his tender about the nature of the ground, sub-soil characteristics, the quantities and nature of the work, material necessary for completion of the work, the means to access to the working site, the H.F.L. & O.F.L., the accommodation he may require for his men and materials and in general he shall obtain all necessary information as to risks, contingencies overhead and other circumstances that may influence or affect his tender rates, and no claim whatsoever will be entertained after acceptance of his tender.

ii) The contractor must accept the entire site, as it is, including changes, if any, during the period of construction, and any work that may be necessary to carry out the entrusted job, except those otherwise specifically mentioned or included in the priced schedule of work / B.O.Q. shall be deemed to have been included for in the rates quoted by the tenderer.

## **3. Excavation and Earth Work**

### **i) General**

The excavation will generally refer to open excavation of foundation wet or dry.

### **ii) Excavation and Preparations of Foundation for Piling and Concreting**

It shall include removal of all materials of whatsoever nature for all depths, whether wet or dry, necessary for the construction of foundation (including mass excavation) in accordance with lines, levels, shown on the Departmental drawings and the plan, dimension of the excavation shall be the theoretical dimensions Plus 0.16 meter on all sides or as directed by the Engineer-in-Charge. The Bottom of excavation shall be leveled both longitudinally and transversely or stepped as directed by the Engineer in- Charge. If the contractor excavate greater depth or width than shown on the Departmental drawings or as directed by the Engineer-in-Charge, he shall at his own expenses fill the extra depth or width with cement concrete in proportion as directed by the Engineer-in-Charge but in no case with concrete of mix leaner than 1:4:8 cement concrete.

The contractor shall report to the Engineer-in-Charge when the excavations are ready for piling or laying of lean concrete or soling or to receive structural concrete. No concrete shall be placed in foundations until the contractor has obtained the approval of the Engineer-in-Charge. In case, the excavation is done through different strata of soil and if the same is payable as per provision in the schedule of items with quoted rates, the contractor shall get the dimensions of the strata decided and approved from the Engineer-in-Charge. If no specific provision is made in the Schedule of Items with rates appearing in the priced schedule of items of work it will be presumed that excavation shall be in all types of soil and the contractor's rate cover for the same. After the excavation is approved by the Engineer-in-Charge and before commencement of piling work or laying of the concrete) the contractor shall get the depth and dimensions of the excavation and levels (and nature of strata if applicable as per Schedule of Items like hard rock, soft rock etc) and measurements recorded from the Engineer-in-Charge.

### **iii) Shoring**

The sides of the excavations should be timbered and shored in such a way as is necessary to secure them from falling and the shoring shall be maintained in position as long as necessary. The contractor shall be responsible for the proper

design of the shoring to hold the sides of the excavation in position and ensure safety from slips and present damages to work and property and injury to persons. The shoring shall be removed as directed after the items for which it is required are completed.

**iv) Protection**

All foundation pits and similar excavations shall be strongly fenced and marked with red lights at night in charge of watchman to avoid accidents. Adequate protective measures shall be taken to see that the excavation does not effect or damage adjoining road structures or any temporary structure erected at site for the work. All measures required for the safety of all people working in and near the foundation trenches and the people in the vicinity shall be taken by the contractor at his own cost. The Contractor will be entirely responsible for any injury and damage to property caused by his negligence or accident due to his constructional operations.

**v) Stacking of Excavated Materials**

All materials excavated will remain the property of the department and rate for excavation includes shorting out of useful materials and stacking unserviceable materials as directed. Materials suitable and useful for backfilling or leveling of the site or other use shall be stacked in convenient place but not in such a way as to obstruct free movement of men and vehicles or encroach on the area required for construction purpose.

**vi) Back filling**

All shoring and frame work shall be removed after their necessity ceases and trash of any sort shall be cleaned out from the excavation. All space between foundation concrete and the sides of excavation shall be refilled to the original surface with approved excavated materials in layers of 15 cm. to 20 cm. thick, watered and rammed. The filling shall be done after concrete is fully set and done in such a way as not to cause undue thrust on any part of the structures. Where suitable excavated materials are to be used for refilling, it shall be brought from the place where it was temporarily stacked for use in refilling. Measurement of excavations, lean concrete or soling, piling work, concrete and other works below ground level are to be jointly recorded. Black Cotton soil shall not be used for backfilling.

**vii) Dewatering**

Rate for excavation shall include bailing or pumping out water which may accumulated in the excavation during the progress of work either from seepage, springs, rain or any other cause, and diverting surface flow, if any by bunds or other means. Pumping out water shall be done in such approved manner as to preclude the possibility of any damage to the foundation or trenches or masonry or any adjacent structure. When water is met in foundation trenches, pumping out water shall be from an auxiliary pit of adequate size dug, slightly outside the foundation excavations. The depth auxiliary pit shall be more than the working foundation trench levels. The auxiliary pit shall be refilled with approved excavated materials, after the dewatering is over.

The excavation shall be kept free from water.

- a) During inspection and measurements.
- b) During placement of reinforcements.
- c) When concrete work is in progress and till it completion comes above the natural water level.
- d) Till the Engineer-in-Charge considers that the concrete is sufficiently set.

**viii) Rate to Include for Excavation**

Apart from other factors mentioned elsewhere in the contract, rates for the item of excavation shall also include for the following :

- a) Clearing site.
- b) Setting out works as required.
- c) Providing shoring and shuttering to avoid sliding of soil and to protect adjacent Structure and subsequently removing the same.
- d) Bailing out and pumping out water as required and directed.
- e) Excavation at all depth (unless otherwise specified in the Schedule of Items) and removal of all materials of whatever nature wet or dry and necessary for the construction of foundation etc. and preparing bed for laying concrete.



- f) Sorting out useful excavated materials and conveying beyond the structure and stacking them neatly in the size for backfilling or reuse as directed.
- g) Necessary protection including labour, materials and equipment to ensure safety and protection against risk or accident.
- h) Drilling of holes / pits for local inspection as directed to explore the nature of substratum if necessary.
- i) Dismantling, cutting and removing under-ground drainage, concrete or masonry structure if any encountered during excavation.
- j) The excess excavation required for fixing for work or working space and refilling the same on completion of all works.
- k) Removing surplus excavated materials from site upto 450 metre including loading and unloading.

**l) MEASUREMENT FOR EXCAVATION**

Excavation for foundation shall be measured and paid as per drawing dimensions (or the actual work done at site whichever is less) of concrete (bed concrete where so specified) at the lowest level plus 0.46 metre in all sides. In regard to length and breadth, and depth shall be completed from the concerned excavation levels and ground levels taken before excavation. Any additional excavation required for working space for from work planking dewatering installation and shuttering etc. shall not be measured and paid for separately but rate quoted by the tenderer shall include for all these factors. No increase in bulk after excavation shall be made.

**Sd/-**

**The Managing Director**

**The State Fisheries Development Corporation Limited**