



**The Navadarsha Co-operative Housing Society Limited
(TNCHSL)**

Srimantapur, Birati, PO-Nilachal, Kolkata 700134



TENDER DOCUMENT

“Name of Work : “Construction of Barbed Wire fencing at Eastern and Southern Side of Boundary (C Block to T Block) at The Navadarsha Co-operative Housing Society Limited, Birati, Kolkata 700134

Srimantapur, Birati, PO-Nilachal, Kolkata 700134

NOTICE INVITING TENDER(NIT)

NIT Ref No.TNCHSL/CIVIL/2024-25/001

Dated: 29th January, 2025

Secretary of TNCHSL, Srimantapur invites sealed tender (Two bid system) from the experienced and resourceful civil contractor for execution of the construction work for Fencing.

“Name of Work : “Construction of Barbed Wire fencing at Eastern and Southern Side of Boundary (C-Block to T Block) at The Navadarsha Co-operative Housing Society Limited, Birati, Kolkata 700134

Site of Work: Srimantapur, Birati, PO-Nilachal, Kolkata 700134

Location : Blocks -> C Block to T Block

Estimated Cost : INR 901274 /- (Rupees nine Lacks one two Hundred and seventy four only)

Tender Fees : INR 1000 /- (Rupees One Thousand only)

Earnest Money (EMD) : INR 18,025 (Rupees eighteen Thousand and twenty five only)

Date of publication	: 29 th January, 2025
Last date for Application of Tender	: 05 th February, 2025 upto 04 PM (1600 hrs)
Pre-bid Meeting	: 08 th February, 2025 at 03 PM (1500 hrs) – 04 PM (1600 hrs)
Last date for submission of tender	: 12 th February, 2025 upto 03 PM (1500 hrs)
Date & time of opening of Technical Bid	: 12th February, 2025 at 03.30 PM (1530 hrs)
Date & time of opening of Financial bid	: 16 th February 2025 at 03.30 (15.30 hrs)

For submitting the tender document, please do deposit in the box at the office of The Navadarsha Co-operative Housing Society Limited. All updates/corrigendum/amendment will be uploaded on website of TNCHSL (www.navadarsha.in)


(Samir Kumar Chowdhury)

Secretary
The Navadarsha Co-Operative
Housing Society Ltd.
Srimantapur, Birati

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**The Navadarsha Co-operative Housing Society Limited
(TNCHSL)**

Srimantapur, Birati, PO-Nilachal, Kolkata 700134

“Name of Work : “Construction of Barbed Wire fencing at Eastern and Southern Side of Boundary (C-Block to T Block) at The Navadarsha Co-operative Housing Society Limited, Birati, Kolkata 700134

PART -I: TECHNICAL BID



NIT Ref No.TNCHSL/CIVIL/2024-25/001 Dated 29th January , 2025

SEC-I: GENERAL INSTRUCTION

INTRODUCTION:

The Navadarsha Co-operative Housing Society Limited is a registered Co-operative Society inviting sealed two bid tenders from the reputed firm/contractor for construction of Boundary Fencing located at Srimantapur, Birati, PO- Nilachal, Kolkata-700134

- i. All the interested parties are advised to go through this tender document carefully and inspect the site territory Boundary Fencing that are to be constructed to have the adequate idea / information about the work before submission of tender. Contractors are requested to contact our concerned person Shri Samir Kumar Chowdhury from (Tuesday to Sunday) between 11.00 AM to 4.00 PM
- ii. The tender should be submitted in two-part bid system i.e., Technical Bid and Financial Bid.

Both Technical and Financial Bid should be submitted in two separate sealed envelopes superscribed as Technical Bid and Financial Bid with Tender Ref No. These two sealed separate envelopes should be put in a third sealed envelope and should be superscribed as **"Name of Work : "Construction of Barbed Wire fencing at Eastern and Southern Side of Boundary (C Block to T Block) at The Navadarsha Co-operative Housing Society Limited, Birati, Kolkata 700134**

- iii. **EARNEST MONEY DEPOSIT (EMD):**

INR 18,025 (Rupees eighteen Thousand and twenty five only) to be deposited along with Technical Bid by crossed demand draft / banker's cheque favouring "The Navadarsha Co-operative Housing Society Limited" payable at Kolkata. Please note that bid received without EMD will not be considered and will be summarily rejected. The EMD will be refunded to the unsuccessful bidders immediately after finalization of the contract. EMD for successful bidder will be converted as Performance Security Deposit on acceptance of the bid. No interest will be paid on the EMD.

COST OF TENDER:

Tender fee of **INR 1000.00 (Non-refundable)** by crossed demand draft / banker's cheque favouring "The Navadarsha Co-operative Housing Society Limited" payable at Kolkata shall be deposited along with Technical Bid. Tender document can be collected from office on working days (Tuesday to Sunday from 11 AM to 4 PM) by making payment of tender fee in cash. Copy of the Money receipt should be submitted along with technical bid. Please note that bid received without tender fee will not be considered and will be summarily rejected.

- iv. **TECHNICAL BID** should contain EMD, Tender Fee, relevant documents in support of eligibility criteria, terms and conditions with authorized sign and seal as a token of acceptance laid down in the tender document and work program schedule.

v. **FINANCIAL BID:**

The tenderer shall quote for all the items as per schedule of quantities of Financial Bid, failing which the bid shall be considered non responsive, incomplete and will be summarily rejected. Rates for the items shall be quoted in the Financial Bid of this tender and the amount for each item should be worked out and requisite totals be given. Special care should be taken to write the rates in figures as well as in words. In case of any dispute, rates appearing in words shall be treated final.

vi. **BID PRICE:**

The Rate should be the total composite price inclusive of cost of manpower, material, freight, loading, unloading, taxes, duties, cess, levies, insurance etc. excluding GST. GST should be reflected as per format mentioned in Financial Bid. No escalation of whatsoever nature, shall be payable in future due to any revision amendment in any act/ statute governing this contract. **"The Navadarsha Co-operative Housing Society Limited"** will not entertain any claim whatsoever in respect of the same. The rate(s) must be quoted in decimal coinage. Amounts must be quoted in full rupees by ignoring fifty paise and less and considering more than fifty paise as rupee one.

vii. **DISCOUNT:**

if any, offered by the bidders **shall not be considered** at the time of evaluation of Financial Bid by the evaluation committee. Bidders desiring to offer any discount shall therefore consider while preparing bid and shall quote clearly net price taking all such factors like discount, free supply etc.

viii. **ELIGIBILITY CRITERIA:**

The tenderer should have and submit relevant documents along with Technical Bid for participation in this tender as per below:

a) Copy of valid registration certificate with local authorities/professional bodies/ CPWD/ PWD (states)/ MES/ Railways/ BRO/ any other appropriate Govt. Body as civil contractor in appropriate class and categories should be submitted.

b) **Valid registration copies of PAN, GST.**

If the bidder has not obtained GST registration as applicable, then he shall scan and upload following undertaking along with bid documents.

"If work is awarded to me, I/we shall obtain GST registration certificate, as applicable, within one month from the date of receipt of award letter or before release of any Payment by Society, whichever is earlier, failing which I/we shall be responsible for any delay in payments which will be due towards me/us on account of the work executed and/or for any action taken by Society or GST department in this regard.

c) Copy of certificate of incorporation/registration of firm certificate/memorandum of Articles of Association Partnership deed Proprietorship deed/Declaration of proprietorship etc in support of legal entity of the tenderer as the case may be demanded by "The Navadarsha Co-operative Housing Society

Limited” and if required, the same shall be produced by tenderers.

d) Copy of Income Tax return for the last three financial years 2021-22, 2022-23 and 2023-24

EXPERIENCE:

Contractor should have at least the following working experience with **Central Govt./ State Govt./ Autonomous govt. bodies/PSU** during the last 7 years as on 06th January, 2024. In support of experience **Work Order/ agreement with completion certificate** must be submitted along with technical bid:

- Those who have completed one similar work of value not less than 60% of the estimated cost put to tender

(Note: Similar works means construction work in civil / repair and maintenance work in the field of civil/ renovation work in civil, however, the value of wire Boundary Fencing components)

Work will be considered as definition of similar work.

The above experience should be provided in the following format:

Sl. No.	Worked with the following organizations (mention the name)	GrossValue of the Work Order / Contract
1		
2		
3		

e) Average annual financial turn over for the last 3 years ending 31st March of the previous financial year should be equal or more than **INR 10.00 (Ten) lakhs**. Audited balance sheet for the last three years should be attached.

f) Copy of any other registration, which is mandatory for such agencies stipulated by concerned authorities from time to time.

g) A statement of up to date payment details of ESIC and EPF should be submitted.

BLACK LIST:

Bidder should submit declaration in the form of notarized affidavit on non-judicial stamp paper (10/- or 20/-) that he is not blacklisted by local authorities/professional bodies CPWD/PWD (states) / MES / Railways / BRO

/ competent local authorities / professional bodies any other statutory bodies fully / partly governed by the Government

PERFORMANCE SECURITY DEPOSIT:

The successful bidder (whose tender is accepted after finalization of financial bid for issuing Work Order) will furnish performance security for the fulfillment of contract, an amount equal to 5 % of the value of the Work Order.

EVALUATION OF BIDS:

The technical bid will be scrutinized by the Technical Evaluation Committee as constituted by “TNCHSL” to check all the requisite and relevant documents and their authenticity at the stipulated date and time. Necessary clarification on technical bid will be sought by email/ hard copy in the agency's letter head as the case may be. After evaluation, the technically qualified bidders will be informed about the date and time of opening the financial bids. Bidders may choose to be present in the opening of the Technical and financial bid meeting. Maximum two authorized persons will be allowed in the bid opening meeting. Upon evaluation of the offers the notification on award of contract will be intimated to the successful tenderer.

For any clarification, if required, please email at “office@navadarsha.in / www.navadarsha.in

PREBID MEETING:

The Bidder(s) or his official representatives are invited to attend a pre-bid meeting on date, time and venue specified as below:

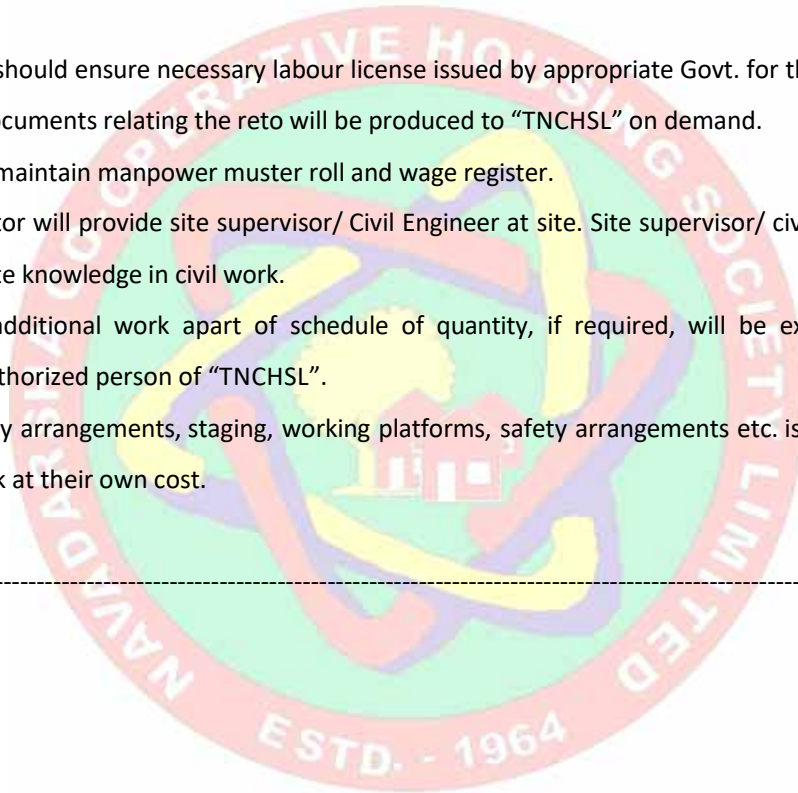
Date: 08th February, 2025

Time: 03 - 04 PM (15.00 – 16.00 hrs)

Venue: Society Office of “The Navadarsha Co-operative Housing Society Limited”

SEC-II: SCOPE OF WORK

- i. The scope of work includes civil construction of Fencing of “The Navadarsha Co-operative Housing Society Limited” (TNCHSL).
 - ii. For timely completion of the work the bidder/contractor must have to deploy all tools & tackles, plants, machineries, equipment and materials required to perform the work simultaneously.
 - iii. The agency should ensure all safety precautions while execution of the repair and renovation work.
 - iv. The agency should ensure necessary labour license issued by appropriate Govt. for the execution of the work. Copy of documents relating the reto will be produced to “TNCHSL” on demand.
 - v. Agency will maintain manpower muster roll and wage register.
 - vi. The contractor will provide site supervisor/ Civil Engineer at site. Site supervisor/ civil engineer should have adequate knowledge in civil work.
 - vii. Any other additional work apart of schedule of quantity, if required, will be executed after consultation with authorized person of “TNCHSL”.
 - viii. All temporary arrangements, staging, working platforms, safety arrangements etc. is to be provided to carry out the work at their own cost.
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SEC-III: TERMS AND CONDITIONS

1. DEFINITION OF TERMS:

CONTRACTOR: The Contractor shall mean the Bidder who will be awarded with the contract by “TNCHSL” and shall include the contractor’s executors, administrators, successors and permitted assignees.

SUB-CONTRACTOR : The ‘Sub-Contractor’ shall mean the person named in the Contract for any part of the works or any person to whom any part of the contract has been sublet by the contractor with the consent in writing of Officer-In-Charge of “TNCHSL” and will include the legal representatives, successors and permitted assigns of such persons.

Equipment/materials shall mean and include all type of construction equipment & materials etc. required for true and satisfactory completion of the work under this contract.

2. AUTHORISED PERSON OF “The Navadarsha Co-operative Housing Society Limited” :

Shall mean person / engineer engaged by “TNCHSL” for the tender work.

3. The construction work shall be carried out following CPWD norms and specifications. Whenever, the same are not available, Engineering practice as directed by Engineer, engaged by “TNCHSL” shall be followed.
4. VALIDITY OF BID: The bid should be valid for **120 days** from the due date of the tender.
5. COMPLETION OF WORK: Time is very essential for this work. The work should be completed within **2 MONTHS** from the date of issue of the Work Order. However, contractors are required to complete the job at least 80% of the schedule of quantity **within 1 month**.
6. All the documents and photocopies submitted by tenderer /bidder should be attested, legible, signed and stamped by authorized signatory, otherwise the bid is likely to be rejected.
7. PERFORMANCE SECURITY DEPOSIT: The successful bidder (whose tender is accepted after finalization of financial bid for issuing Work Order) will furnish performance security an amount equal to 5% of the value of the Work Order. Earnest Money deposit (EMD) on acceptance of Tender shall be converted as a part of the performance security. Balance amount of performance security shall be realized from the RA Bill. It will be released after satisfactory expiry of Defective Liability period of 6 month after completion of the whole work on written request by the contractor and no interest shall be paid on performance security.

8. FORFEITURE OF PERFORMANCE SECURITY DEPOSIT: Performance security will be forfeited if any amount which is payable by the contractor is required to recover on account of any clause arising out of /contravening the Work Order/Contract.
9. FORFEITURE OF EMD : Earnest money shall be forfeited in case of following :
- If during the period of validity, the bidder withdraws/modifies its bid as a whole or in part.
 - If the bidder deviates from any clarification/confirmation given by him subsequent to submission of his bid.
 - In case of successful bidder, if the Bidder fails to accept Work Order unconditionally.
10. ARITHMETICAL ERROR: Arithmetical errors shall be rectified on the following basis: If there is any discrepancy between the unit price and total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected by the purchaser. If there is a discrepancy between words and figures, the amount in words shall prevail. If the supplier does not accept the correction of the errors, his bid shall be stand rejected.
11. MEASUREMENTS AND TERMS OF PAYMENT: All items of work carried out by the contractor in accordance with the provision of the order having a financial value shall be entered in the computerized measurement book (CMB)/ log book etc. as per CPWD format so that a complete record is obtained of all works performed under the order and the value of work can be ascertained and determined there from. Measurement shall be taken jointly and every measurement thus taken shall be signed and dated by both the parties.
- Payment will be made as per actual measurement of items works after completion of work. Bill should be generated on the required format and payment shall be released **within sixty days** of its submission. (Security Deposit 5% to be deducted from the bill and kept for 365 days after completion of work) if all formalities as per terms of the contract are maintained.
- However, payment of final bill shall be released after submission of completion certificate of the job, verification of overdue/overpayment if any and fulfillment of all contractual obligations by the contractor.
12. PAYMENT OF NON-SCHEDULED ITEMS: Payment will be made for various items as per existing CPWD/ PWD (state) rate. If not available in CPWD/ PWD payment will be made based on prevailing market rate with submission of rate analysis and admitted by "The Navadarsha Co-operative Housing Society Limited" before execution of work.
13. OVERPAYMENT: "The Navadarsha Co-operative Housing Society Limited" reserves the right to recover/

enforce recovery of any overpayments detected after payment as a result of post-payment audit or technical examination or by any other means, notwithstanding the fact that the amount of disputed item, if any, of the contractor exceeds the amount of such overpayments and irrespective of the fact whether such disputed claims of the contractor are subject matter of arbitration or not. The amount of such overpayment may be recovered from subsequent bill/ security deposit.

14. EXTENSION OF TIME: If the work is suspended due to reasons beyond the control of the contractor, the contractor shall immediately give notice in writing within 7 (seven) days to **“The Navadarsha Co-operative Housing Society Limited”** for each occasion. On receipt of such notice, **“The Navadarsha Co-operative Housing Society Limited”** may verify the matter and agree to extend the completion period as may be reasonable but without prejudice to other terms and conditions of the contract as the case may be if the reasons behind the suspension of work are found to be justified.
15. LIQUIDATED DAMAGES: If the contractor fails to complete the work successfully within the time specified in the contract or any extension thereof, **“The Navadarsha Co-operative Housing Society Limited”** shall recover from the contractor as liquidated damages a sum of half percent (0.5%) of the contract value of works for each calendar week of delay or part thereof. Delay relating to Force majeure clause is not applicable for recovery.
The total recovery against liquidated damage shall not exceed ten percent (10%) of the contract value of the work. An extension of time without imposition of liquidated damage, may be granted by **“The Navadarsha Co-operative Housing Society Limited”** for delay in execution of work provided there is no fault whatsoever on the part of the contractor. Such extension may only be granted on the basis of application to be submitted by the contractor who has to establish that the extension of time required by him was not due to his fault.
16. ACCEPTANCE OF THE ORDER: The successful bidder has to submit acceptance of the order within 5 days from the date of issue of the order.
17. VARIATION, OMISSION, ADDITION & ALTERATION: The Contractor shall not modify the work until and unless approved by **“The Navadarsha Co-operative Housing Society Limited”** in writing. The quantities provided in the Schedule of work are provisional only, which may vary up to any extent or may be deleted altogether. The quoted rate of each item shall remain firm till completion of contract. **“The Navadarsha Co-operative Housing Society Limited”** reserves the right to alter, amend, and omit or otherwise vary the quantities as may be necessary. Payment shall be made as per actual execution.
18. MINOR WORK: For any additional minor work if required to be done beyond the schedule of works specified in this tender, separate order will be issued and payment for the same will be made as per

existing CPWD rate. If not available in CPWD payment will be made based on prevailing market rate with submission of rate analysis and admitted by "The Navadarsha Co-operative Housing Society Limited".

19. MATERIAL: Material should be used for repair and renovation work as per technical specifications specified in Sec-V. For other material not containing in the specifications will be as per relevant ISI standard and good quality subject to prior approval of "The Navadarsha Co-operative Housing Society Limited". The material shall be in original packing clearly indicating manufacturing date, expiry date & price etc. Any item found defective / kind specified in the contract and/ or is unfit for work should be replaced free of cost to the satisfaction of "The Navadarsha Co-operative Housing Society Limited" authority.
20. Cement used for the work should not be older than Two month from the date of manufacture. The contractor should purchase the cement from authorised dealer and submit the test certificates/ vouchers prior to execution of the work.
21. Electricity and water for execution of the work will be supplied by "TNCHSL", the charges shall be borne by the contractor at the **rate of 0.5%** each on the executed value. The contractor has to make his own arrangement for use of the same including extending temporarily lines etc. The contractor cannot claim any compensation for any failure in such supply caused due to any reason whatsoever in case of non-availability of electricity and water for construction purpose from "The Navadarsha Co-operative Housing Society Limited". The contractor will have to arrange for the same at his own cost.
22. HOLIDAY WORK: If the work is required to be carried out in two shifts and/or in Sundays & Holidays, prior written permission from "The Navadarsha Co-operative Housing Society Limited" shall have to be obtained.
23. Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection. Tender received by email / fax will not be considered.
24. Tender must be submitted within due date. Tender received beyond the due date by any other means like postal delay etc. will not be considered.
25. SUB-LETTING OF CONTRACT: The contractor shall not, without the written consent of "The Navadarsha Co-operative Housing Society Limited", assign or sublet any part of the contract, other than for raw materials or for any part of the work provided that any such consent shall not relieve the contractor from any obligation, duty or responsibility under the contract. In the event of sub-letting any part of the contract is permitted, the fact that such permission has been accorded shall not establish any contractual relationship between the approved sub-vendor and "The Navadarsha Co-operative Housing

Society Limited” of any of his liabilities and obligations under the contract.

26. The Rates quoted by the tenderer must hold good till the completion of work and shall not be subjected to escalation due to increase in local market rates of materials and labour. No claim on this account whatsoever shall be entertained at any stage including the extended period, if any.
27. FORCE MAJEURE: The Contractor shall not be liable to pay any liquidated damage for delay/failure to perform the contract for reasons of force majeure such as acts of God, acts of the public enemy, acts of Governments, fire, flood, epidemics, quarantine restriction, strikes, freight embargos and provided that the contractor shall within 7(seven) days from the beginning of such delay notify **“The Navadarsha Co-operative Housing Society Limited”** in writing of the cause of delay. **“The Navadarsha Co-operative Housing Society Limited”** shall verify the facts and grant such extension as found to be justified without imposing liquidated damage. The department shall not be responsible or liable to pay any compensation for any interruption in your work at the site due to strike, lockout, riot earthquake, flood, cyclone or civil commotion or any other force of accident due to any reason beyond control. **“THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”** shall not be held responsible to or liable to pay for any interruption in your work at the site arising out of resistance from the local public due to any resistance towards work.
28. DEFECT LIABILITY PERIOD: The term ‘defect liability period’ shall mean the period of twelve (12) Calendar months from the certified date of its completion of whole work. If any defect is found within the defect liability period the contractor shall be liable to rectify/replace the materials at their own cost and responsibility. In case any defect of work is detected by the controlling officer within the period of six months, the defect liability period shall continue beyond six months. Defects/rectification work so notified shall have to be attended and completed satisfactorily within the specified date or as deemed fit by **“The Navadarsha Co-operative Housing Society Limited”**. For faithful & due fulfillment of all obligations, this defect liability period shall be covered by Performance Security Deposit submitted by the contractor.
29. The contractor shall have to attend the local bodies like Municipality/ Police/ CPWD/ Labour officer and all other Government authorities to fulfil all the requirements to execute the order
30. REMOVAL OF PERSON EMPLOYED AT SITE: **“The Navadarsha Co-operative Housing Society Limited”** shall be at liberty to ask the contractor to remove from the site any person, employed by the contractor in the execution of work, for misconducts, in competent or negligent in the proper performance of his duties and such persons shall not be again employed upon the work without the permission of **“The Navadarsha Co-operative Housing Society Limited”**.

31. "The Navadarsha Co-operative Housing Society Limited" will be at liberty to take samples during the course of execution of work, if necessary and get the same tested to ascertain the quality conforming to relevant specifications. The cost of sample and the charges for the testing will have to be borne by the contractor.
32. Irrespective of rates quoted by the bidder, the contractor shall be solely responsible for payment of Minimum Wages as stipulated by the Government from time to time.
33. The contractor will take utmost care to prevent from any damage to the property of "The Navadarsha Co-operative Housing Society Limited" while execution of work. If any damage arise apart from repair of maintenance work will be rectified by contractor at his own cost to the satisfaction of "The Navadarsha Co-operative Housing Society Limited".
34. AWARD OF WORK: "The Navadarsha Co-operative Housing Society Limited" will not be bound to accept the lowest tender and reserves the right to accept or reject any or all the tenders received and to place order to one or more firms without assigning any reason thereof. The notification of award of contract will be made in writing to the best responsive bidder who is technically suitable and financially acceptable after evaluation of financial bid.
35. As the work will have to be carried out in building and area in use the contractor shall ensure a) That the normal functioning of Employer is not affected as far as possible b) That the work is carried out in an orderly manner without noise and obstruction to flow of traffic. c) Contractor will arrange photo identity card for his workers with approval of "The Navadarsha Co-operative Housing Society Limited".
36. **Safety Measures:** The contractor shall ensure safety of his workers, others at site of work and shall be responsible for any consequence arising out of execution of the Repair and Maintenance work. The contractor shall obtain valid license issued by appropriate Govt. to comply with the provisions as per the contract labour to execute the work.
37. **Workmen's Compensation for accident or injury to any workman:**
"TNCHSL" shall not be liable for damages or compensation payable as per provision of law in respect or consequence of any accident or injury to any workmen or other person in the employment of the contractor. The contractor shall have to pay all claims, demands, preceding costs, charges and expenses whatsoever in respect thereof or in relation thereto. Insurance policy covering as per provisions of Workmen's compensation act for all the workmen to be engaged by the contractor is to be made by him. Apart from the above workmen compensation for workers, third party insurance will also be made. Copy of the documents relating to the above effect should be produced to "TNCHSL" on demand.
38. CLEARING SITE ON COMPLETION: On Completion of the work the contractor shall clear away and

remove from the site all constructional plant, surplus materials, rubbish and temporary work of every kind and leave the whole of the site and work clean and in good and tidy condition to the satisfaction of "The Navadarsha Co-operative Housing Society Limited".

39. TERMINATION OF WORK ORDER: If the contractor neglects or fail to proceed with the work proportionate to the scheduled time of completion or fails to complete the work within scheduled time of completion or within extended time approved by "TNCHSL" and "TNCHSL" shall have right to terminate the order/contract after giving notice in writing to the contractor. If the contractor fails, after 14 (fourteen) days of such notice, to proceed with the work in the manner notified, "The Navadarsha Co-operative Housing Society Limited" shall terminate the contract and call the contractor to take joint measurement along with the Engineer for finished portion of work. If the Contractor does not appear for a joint measurement, measurement taken by "TNCHSL" will be taken as final and bound. In that case, "TNCHSL" shall take possession of the work site and may engage other agency to complete the work. Extra cost, if incurred to get the unfinished work done through other agency, will be realized from him, from his pending bills or performance security deposit or both as case may be. If the contract is terminated as above, the contractor shall have no claim for compensation against "TNCHSL" for any loss or deterioration of any materials that he may have collected or engaged or entered into on account of the work.
40. SETTLEMENT OF DISPUTES: All disputes concerning question of act arising under the contract shall be decided by "The Navadarsha Co-operative Housing Society Limited" on receipt of written appeal by the contractor. Any dispute or differences arising out of or in connection with this contract shall to the extent possible be settled amicably and where settlement cannot be reached then such disputes shall be subject to settlement under the jurisdiction of Calcutta High Court.
41. "TNCHSL" reserves the right to accept or reject any tender or all tenders or part of tender without assigning any reason whatsoever.

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**The Navadarsha Co-operative Housing Society Limited
(TNCHSL)**

Srimantapur, Birati, PO-Nilachal, Kolkata 700134

“Name of Work : “Construction of Barbed Wire Boundary at Eastern and Southern Side of Boundary (C-Block to T Block) at The Navadarsha Co-operative Housing Society Limited, Birati, Kolkata 700134



PART -II: FINANCIAL BID

NIT Ref No.TNCHSL/CIVIL/2024-25/001 Dated 1st February, 2024

SEC-IV: SCHEDULE OF QUANTITIES

Schedule of quantities please see the Annexure attached:



SEC-V: TECHNICAL SPECIFICATIONS - (CONSTRUCTION OF BARBED WIRE FENCING)

APPROVED MAKE LIST OF MATERIALS TO BE USED WHEREVER APPLICABLE

1) GENERAL

Specifications, scope of work, schedule of rates and drawings for a particular tender shall be read in conjunction with each other. In case of conflicts/contradictions amongst them, the clarification shall be obtained from **“The Navadarsha Co-operative Housing Society Limited”** whose decision, shall be final & binding. Following procedure shall be followed for the necessary clarification.

- A. Item description shall prevail over specifications for item rates when provisions therein are different from those in specifications. Whenever any requirement is not covered in item description but is conversed in specifications, the specifications shall be followed in addition to the requirements of item description; no extra payment shall be made to the contractor for executing such item as per specification.
- B. Whenever drawing call for requirements different from or additional to those in item description and specification, the decision of **“THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”** shall be obtained. However, no extra payment shall be made to the contractor for executing any work incorporating requirements additional to those in item description and specification but covered in applicable drawings or standards. Wherever references have been made to Indian standard or any other specifications the same shall mean to refer to the latest specifications irrespective of any particular edition of such specifications being mentioned in the specifications below in schedule of quantities.

2) WORKMANSHIP

Workmanship shall be to the satisfaction of **“THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”**, the contractor shall follow the specification, relevant codes & manufacturer’s guidelines for achieving desired level of workmanship as per specification & good engineering practice, any executed work not conforming to the specification or not to the satisfaction of **“THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”** shall be rectified by the contractor as directed by **“THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”**, no extra payment shall be made to the contractor for such rectification.

3) MEASUREMENT

Mode of measurement is generally specified in each specification, whenever mode of measurement is not specified, relevant IS- code, shall be applicable.

4) MATERIALS

- (a) All materials shall be best of their kind and shall conform to the latest Indian standard

- (b) All materials shall be of approved quality as per samples and from origins approved by “THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED” before ordering & procurement. The contractor shall furnish necessary certificates further to that he shall get the materials tested from approved test house if asked by “THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED” & submit the test certificate at his own cost for which no extra payment shall be made to him. “THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED” shall have the right to reject all or any of the materials intended to be used and such materials shall be immediately removed from the site by the contractor at his own cost without any claim for Compensation etc. due to such rejection.
- (c) A set of specimen samples of all approved materials shall be kept at site with all precautionary measure, cost of which to be borne by the contractor.

5) CEMENT

Unless otherwise specifically called for, cement for RCC and PCC / lean concrete works shall be one the following. The type of cement selected shall be appropriate for the intended use.

Portland slag cement.	IS:455
Portland puzzling cement (fly ash based)	IS:1489 (part-1)

PREFERABLE BRAND NAME OF CEMENT COMPANY -

ACC/ ULTRATECH/ LAFARGE/ AMBUJA Cement shall be stored on pucca go down with raised floor and should be water tight.

6) REINFORCEMENT

All steel bars, sections, plates and other miscellaneous steel materials, etc. shall be free from loose mill scales, rust as well as oil, mud, paint or other coatings. the materials, construction, specifications such as dimensions. Shape. Weight. Tolerances, testing etc, for all materials covered under this section. shall conform to respective IS code.

Steel reinforcement shall be stored in a way as to prevent distortion and corrosion of bars of different classification, sizes and lengths shall be stored separately to facilitate issues in such sizes and lengths as to minimize wastage in cutting from standard lengths.

High strength deformed (HSD) steel bars of minimum grade Fe500. Conforming to IS: -1786 shall be used. PREFERABLE BRAND NAME OF STEEL COMPANY – SAIL / TATA.

7) STONE CHIPS

Stone chips shall be hard, dense, strong, sound, and durable. Clean and uniform in color, they shall also be free from veins. Adherent coatings. Injurious amounts of alkalis, vegetable matters and other deleterious substance such as iron pyrites. Cold, lignite, mica, sea shells etc. as far as possible stones from one single quarry shall be used for anyone work. The strength of stones should be adequate to carry, the imposed load and shall meet all the requirements of

relevant IS Code, taking into accounts the appreciate crushing strength of stone and type of the mortar used. The percentage of water absorption, when tested in accordance with IS: 1124 shall not exceed 5%.

8) COARSE SAND

Shall be either river sand or pit-sand, clean, sharp, strong, angular and composed of hard siliceous materials. It shall be approved by "THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED". The sand shall conform to relevant IS code (IS: 383). Fineness modulus shall not be less than 2.5. The maximum quantity of silt shall not exceed 8%.

9) FINE SAND

This shall be natural river sand. Fineness modules shall not be less than 1.0. The maximum quantity of silt shall not exceed 8%. The sand shall conform to relevant IS specification (IS: 383).

10) BRICKS

Bricks for masonry work shall conform to IS: 1077- specification for common burnt clay building bricks and shall be of class 5.0 (with minimum compressive strength of 5.0 N/Sq mm).

Physical requirements, quality, dimension. Tolerances etc. of common burnt clay building bricks shall conform to the requirements of IS: 1077. Bricks shall be hand- modular or machine -molded and shall be made from suitable soils. The brick shall have smooth rectangular faces with sharp corners and shall be well burnt, sound, hard, tough and uniform in color. These shall be free from cracks, chips, flaws, stone or lumps of any kind. Testing of the bricks shall be done as per IS: 5454 and IS: 3495. Water absorption shall not be more than 20% by its dry weight when soaked in cold water for 24 hours.

11) ADMIXTURES

General requirements for admixtures:

All concrete Admixtures shall comply with the following Indian standards

Specification for integral cements water proofing compounds	IS:2645
Specification for other admixtures for concrete	IS:9103

In case of non-availability of any IS code for testing and acceptability criteria. Relevant American/ British or German code shall be applicable. No admixture shall impair the durability of the concrete nor combine with the ingredients to form harmful compound nor increase the risk of corrosion of reinforcement. Use of admixture shall not reduce-the dry density of concrete. Once the proportion of admixtures have been. Established, strict check shall be maintained not to alter the proportion of ingredients such as water- cement ratio of the design mix during execution. The chloride contains in admixtures shall not exceed 2% by mass of the admixture or 0.03% by mass of the cement.

PREFERABLE BRAND NAME OF BUILDING CHEMICAL COMPANY-SIKA/FOSROC/Dr. FIXIT/CHOKSEY

12) WATER PROOFING COMPOUNDS

The polymer modified, flexible cementitious negative side waterproofing coating with elastic waterproofing polymers on interior wall plaster surface in three coats @14.35 kg /10 sqm. one coat of self-priming of cementitious waterproofing polymer (dilution with water in the ratio of 1:1) and two coats of cementitious waterproofing polymer (dilution with water in the ratio of 3:1) after scrapping and properly cleaning the surface to remove pre-existing paint film & loose particles till plaster is visible, complete in all respect as per the direction of Engineer-in-Charge.

PREFERABLE BRAND NAME OF BUILDING WATER PROOFING COMPOUNDS COMPANY – SIKA/ FOSROC/ Dr. FIXIT/ CHOKSEY

13) POLY SULPHIDE SEALANTS

All Polysulphide sealants shall conform to IS: 12118. Test conditions and requirements shall be as given in the above reference IS code and approved by “THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”.

Jointing materials are of Best quality as specified and approved by “THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED”, the pipe shall be provided complete with necessary clamps, connections, bends, tees, other accessories (as per approved manufactures specifications) and shall be jointed with approved quality bonding solution. Embedded rain water pipe shall be suitably embedded/ encased in masonry/ cement concrete (M20) with nominal reinforcement. Embedding within RCC should be avoided as far as -practicable.

PREFERABLE BRAND NAME OF C.P.V.C PIPES COMPANEY-SUPREME/ ORI-PLAST, AND SANITARYFITTINGS COMPANY - HINDWARE/PARRYWARE/JAGUAR/JOHNSON/NEYCR/ESCO

14) WOOD/TIMBER

Wood recommended from platform of cold vessels or below cold vessels/ exchangers shall be of group-a, grade-1, and shall have safe permissible stress of 7 MPa in compression, perpendicular to grains on outside location as per IS:3629. Timber required to be used for form work shall be fairly dry before use. It should maintain its shape during the use and even when it comes into contact with moisture from the concrete. Strength of wood/ timber shall be as per the requirements of IS: 4082.]

15) TECHNICAL SPECIFICATION OF REPAINTING & RESTORATION OF CIVIL WORKS

a. STRUCTURAL SUPPORT:

Providing appropriate & safe structural support in and around distress zone before taking up chipping or restoration work by using Sal-Ballah, heavy duty collapsible props or steel pipes as deemed necessary to ensure safety of the structure, under safe working condition as per approval of “TNCHSL”.

b. CHIPPING & REMOVAL

Chipping and removal of damaged deteriorated, unbounded, spalled and unserviceable plaster and concrete and exposing the firm sound surface, including necessary tagging and scaffolding.

c. CLEANING & SURFACE PREPARATION

Cleaning & preparation of the surface by mechanical means using powdered sand or high-pressure water jet and wire brushing to expose firm, sound substrate inclusive of necessary staging and scaffolding as directed by "THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED".

d. REINFORCED CEMENT CONCRETE WORK General

Reinforced cement concrete work may be cast-in-situ or precast as directed. Reinforced cement concrete work shall comprise of the following which may be paid separately or collectively as per the description of the item of the work (a) form work (b) reinforcement (c) concrete (d) plastering or other finishing on concrete surface. All concrete works shall be carried out as per the provisions of IS: 456, IS: 3370, IS: 2974, and other relevant IS codes. concrete mix proportioning and design mix sampling and strength test of concrete, production and control of concrete, tolerances and placing of reinforcement and for cover, transporting, placing, compacting and curing etc, inspection and testing of structure shall be specified in IS: 456.as directed by "THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED". Minimum strength of R.C.C. should be 20 N/Sq. mm, Minimum mix for cement, sand, plastering on wall and that on concrete surface 1:4.

The damp proof course shall be laid in two layers of equal thickness.

From work and stripping of form work shall as per the provision of IS: 456.

Assembly of reinforcement in RCC structure shall conform to IS: 456.

All masonry works shall be carried out as per the provisions of IS: 1597/2212/4326 and other relevant IS codes. Fabrication of structural steel work shall be carried out as per the provisions of IS: 800/801/802/806 and other relevant IS codes. Fabricator shall do cleaning, straightening, cutting, bending, holding, bolting, welding marking, assembling, erecting, inspecting and testing etc. welding procedure and welder qualification shall be as per IS :800 and / or referred IS codes only.

e. TILES FINISHING

f. MARBLE, GRANITE

MATERIALS

A) MARBLE, GRANITE slabs shall be 15 to 20mm thick and grade- 1 as specified. the MARBLE/ GRANITE form with the slabs are made shall be of selected quality, hard, sound, dense, homogenous in texture, free from cracks, decay, weathering and flakes. the samples of marble stone slabs shall be got approved from "THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED". The slabs shall be machine cut to the requisite dimensions: PREFERABLE BRAND NAME OF TILES COMPANY-JOHNSON/KAJARIA.

g. PAINT:

After the selection of Paints quality, types a standard Brand to be choice and specification is as Manufacturer's specification. PREFERABLE BRAND NAME OF PAINT COMPANY I.C.I./ASIANPAINTS/BERGER.INDIGO FLOOR PAINT **(BEST QUALITY TOP GRADE)**

PREFERABLE BRAND NAME OF PUTTY COMPANY-JK/ BIRLA/ ASIAN WALL PUTTY

h. EXTRA ITEM / SUBSTITUTED ITEMS

PAYMENT OF NON-SCHEDULED ITEMS: Payment will be made for various items as per existing CPWD/ PWD (state) rate. If not available in CPWD/ PWD payment will be made based on prevailing market rate with submission of rate analysis and admitted by "TNCHSL" before execution of work.



FORM OF TENDER

(To be filled up the tender form by the tenderer with sign and stamp in their Letter Head and to be submitted along with the Financial Bid)

To
The Secretary
"THE NAVADARSHA CO-OPERATIVE HOUSING SOCIETY LIMITED"
Srimantapur, Birati, PO-Nilachal
Kolkata - 700134

Date:

Dear Sir,

I/We, _____ Son/Daughter of Sri _____
Proprietor/Partner/CEO/MD/Director of M/s. _____ of (Address)
_____ having examined the site of
works, carefully read and understood the Specifications, General Conditions of Contract and Conditions of the
Tender, hereby tender and undertake to execute and complete all the works required to be performed in
accordance with the schedule of quantities, specifications and General Terms and Conditions of
Contract. THE TOTAL AMOUNT PUT TO TENDER = Rs. _____ (Rupees
_____)

I also declare that the information / documents furnished along with the application and tender are true and authentic to the best of my knowledge and belief. I am well aware of the fact that furnishing of any false information / fabricated document would lead to rejection of my tender / termination of contract at any stage besides liabilities towards prosecution under appropriate law. Each page of the tender document and papers submitted by my Company are authenticated, sealed and signed, and I take full responsibility for the entire documents submitted with this tender.

Signature of the Tenderer / Authorised person
(Seal of the Tenderer)

Name of the Tenderer: _____
(in Block letters)
Signature: _____
Name: _____
Address : (in block letters) _____

ANNEXURE**Schedule of Quantities****"Name of Work : "Construction of Barbed Wire fencing at Eastern and Southern Side of Boundary (C-Block to T Block) at The Navadarsha Co-operative Housing Society Limited, Birati, Kolkata 700134**

SI No	Description	Qty	Unit	Rate	Amount
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge. All kinds of soil	36.614	Cum.		
2	Clearing jungle including uprooting of rank vegetation, grass, brush wood, trees and saplings of girth up to 30 cm measured at a height of 1 m above ground level and removal of rubbish up to a distance of 50 m outside the periphery of the area cleared.	1400.000	Sq.m		
3	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources)	34.000	Cum		
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level : 1:5:10 (1 cement : 5 coarse sand (zone-III) derived from natural sources : 10 graded stone aggregate 40 mm nominal size derived from natural sources)	3.500	Cum		
5	Brick work with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundation and plinth in: Cement mortar 1:6 (1 cement : 6 coarse sand)	1.800	Sq.m.		
6	Providing, transporting, hoisting and fixing above plinth level up to floor five level precast reinforced cement concrete in vertical column in cement mortar 1:2 (1 cement : 2 coarse sand), including the cost of required centering, shuttering but, excluding the cost of reinforcement, with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	12.000	Cum		
7	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level	1800.000	Kg.		
8	Structural steel work in single section, fixed with or without connecting plate, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer all complete.	270.000	Kg.		
9	12 mm cement plaster of mix : 1:6 (1 cement: 6 fine sand)	55.680	Sq.m		

10	Finishing walls with Acrylic Smooth exterior paint of required shade : 13.46.1 New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 litre/10 sqm)	55.680	Sq.m.		
11	Painting with synthetic enamel paint of approved brand and manufacture of required colour to give an even shade : Two or more coats on new work over an under coat of suitable shade with ordinary paint of approved brand and manufacture	12.000	Sq.m		
12	Providing and fixing G.I. chain link fabric Boundary Fencing of required width in mesh size 50x50 mm including strengthening with 2 mm dia wire or nuts, bolts and washers as required complete as per the direction of Engineer-in-charge. Made of G.I. wire of dia 4 mm	50.00	Sq.m		
13	Boundary Fencing with R.C.C. post placed at required distance, embedded in cement concrete blocks, every 15th post, last but one end post and corner post shall be strutted on both sides and end post one side only, provided with horizontal lines and two diagonals of barbed wire weighing 9.38 kg per 100 metres (minimum), between the two posts fitted and fixed with G.I. staples on wooden plugs or G.I. binding wire tied to 6 mm bar nibs fixed while casting the post (cost of R.C.C. posts, struts, earth work and concrete to be paid for separately) :- Payment to be made per metre cost of total length of barbed wire used. With G.I. barbed wire	7200.000	Metre		
			Total		
	(in Word)				