



H.O. - 301, Centre Point, Dr. Babasaheb Ambedkar Road, Parel, Mumbai-400 012

B.O. - Plot No. P / 51, T.T.C. Industrial area, Mahape, Navi Mumbai-400 710

Phone No. 6177 9400 – 09 Fax No.61779058

Website: www.stockholding.co.in

**REQUEST FOR PROPOSAL FOR CIVIL AND
STRUCTURAL REPAIRS AT ADMIN BUILDING,
SHCIL House, Plot No.P-51, TTC Industrial Area, MIDC,
Mahape, Mumbai, Maharashtra 400710**

RFP No. : RFP/2021/ESTATE/01

STOCKHOLDING CORPORATION OF INDIA LIMITED

NOTICE INVITING RFP

Stock Holding Corporation of India Limited (SHCIL / Company) invites Sealed Techno commercial Bids from Contractors of repute having adequate resources and experience in the execution of similar works (civil & structural repairs) of comparable magnitude, for

Name of Work : - **Civil & Structural Repair Work of
ADMIN BUILDING, SHCIL House, Plot
No.P-51, TTC Industrial Area, MIDC,
Mahape, Mumbai**

Time of completion	: -	3 months
Cost of Blank RFP Form	: -	Rs. 3,000 in form of DD in favor of “Stockholding Corporation of India Limited”
Earnest Money Deposit	: -	Rs. 2,00,000 in form of DD in favor of “Stock Holding Corporation of India Limited”
Validity of the RFP	: -	90 days from the date of submission
Pre-Bid Meeting	: -	Pre Bid meeting will be held at 11:00 AM on 22/11/21 at <u>SHCIL House, Plot No.P-51, TTC Industrial Area, MIDC, Mahape, Mumbai.</u> Attending Pre-Bid meeting is compulsory and Bids shall be accepted for only those bidders who attend the Pre-bid meeting.
Last date for submission of RFP	: -	3:00 PM on 29 th November 2021 at <u>SHCIL House, Plot No.P-51, TTC Industrial Area, MIDC, Mahape, Mumbai.</u>
Contact person and Details	: -	Mr. Viraj Prabhu : 88796 25737 viraj.prabhu@stockholding.com Ms. Rutuja Parab : 7045811994 rutuja.parab@stockholding.com

Blank RFPs can be obtained/downloaded from the website:
<https://corporate.stockholding.com/tenders/>

Only sealed RFPs shall be accepted. They should be submitted at **SHCIL House, Plot No.P-51,
TTC Industrial Area, MIDC, Mahape, Mumbai by on /before 29th November 2021 upto
03.00 pm.**

**SHCIL does not bind itself to accept the lowest bid and reserves its right to reject/cancel
any or all the RFPs without assigning any reasons whatsoever.**

Opening of Technical Bids: 3:30 PM on 29th November 2021

Opening of Financial Bids: Bidders who are qualified will be informed the date and timing of opening of Financial Bids – Financial bids of qualified bidders will only be opened in presence of Qualified Bidders.

INSTRUCTIONS

1. **Scope of Work**

- A. Civil & Structural Repairs
- B. Miscellaneous Work

2. **Site Visit**

The Bidder is advised to visit and examine the site of works and its surrounding & obtain for himself on his own responsibility all information that may be necessary for preparing the bid and entering into a contract. The cost of visiting the site shall be at Bidder's own expense.

Bid shall be liable for rejection if the bidder fails to visit the site/ attend the Pre- Bid meeting.

3. The following documents are referred to as RFP document.

Technical Bid

- A. RFP Notice.
- B. Instructions to Bidder
- C. Condition of Contract
- D. Technical specification
- E. Annexure

Commercial Bid

- F. Bill of quantities

4. Each copy of the RFP shall be accompanied by the following documents:

- A. A list of the technical, non technical staff, major items of plant and machinery, which the Bidder proposes to deploy on the site.
- B. Signed copies of the addendum/corrigendum, if any.

5. Bidders should **sign and stamp all the pages at lower left corner of all RFP pages and addendum/ corrigendum, if any** after making appropriate entries wherever necessary which shall be considered as acceptance of the terms and conditions of the RFP document. **One set of technical and commercial bid shall be submitted for scrutiny. The RFP shall be submitted in sealed form in the envelope.** This envelope shall show on the outside, the name of the Bidder and the address and Contact No. In addition, the lower left-hand corner of the envelope should indicate the RFP number. **No RFP shall be accepted unless it is properly sealed.**

RFPs must be received by SHCIL on or before the day and at the address specified in the RFP notice. The Company may at their discretion, extend the deadline for submission of the RFPs by issuing an amendment in which case all right and obligation of Company and the Bidder's previously subject to original deadline shall thereafter be subject to the new deadline as extended.

6. Earnest Money Deposit (EMD)

EMD shall be in the form DD only for **Rs. 2,00,000/- (Rupees Two Lakh Only)** in favor of **“Stock Holding Corporation of India Limited”** shall be submitted along-with RFP. If during the RFP validity period of 90 days the successful Bidder fails to accept the work, within 7 days of receiving Work Order and fails to submit Security Deposit, or withdraws the offer within validity period, the Earnest Money Deposit shall be forfeited. Earnest Money Deposit will be returned to the respective unsuccessful Bidders within 15 days from the date of award of the work. The successful Bidder's earnest money deposit will be returned after receipt of security deposit. No interest will be paid on any RFP deposit. The bidder registered under MSME/NSIC shall be exempted from submission of EMD and Tender fees. The certificate of the same should be attached during the submission of Bid. Bid without certificate/EMD will be liable for rejection.

7. Modification & Withdrawals of RFPs

The Bidder may modify his offer before submission, provided that modification is received in writing by the Company prior to the prescribed date of submission of RFPs. The modifications shall be prepared, sealed marked and delivered with the envelopes additionally marked "Modification" as appropriate and as applicable. Bidder cannot withdraw the RFP once submitted till the validity of RFP. This may result in forfeiture of the EMD.

8. Award of Work

Notification of the award will be made in writing to the successful Bidder. The work will be awarded to the lowest bidder who is best qualified and responsive RFP offering best overall evaluated RFP in conformity with the specification and technically feasible rates. It shall not be binding upon the Company to offer any reasons and compensation to unsuccessful bidders. In the event of a contract, the RFP and all correspondence thereafter shall be considered as forming part of the contract document.

9. Eligibility Criteria & Past Experience

All the below noted criteria has to be satisfied to make the Contractor eligible for this work. Financial Bids shall be opened only for those Contractors who meet the eligibility criteria requirements.

1. The bidder must have successfully completed or substantially completed works of similar nature in any Govt. & Public Sector Organizations / reputed Private / Semi Govt. during last seven years ending last day of month previous to the one in which applications are invited should be either of the following:
 - a. Three similar completed works costing not less than the amount equal to 40 (forty) percent of the estimated cost i.e. INR 37.6 lakhs; or
 - b. Two similar completed works costing not less than the amount equal to 50 (fifty) percent of the estimated cost i.e. INR 47 lakhs; or
 - c. One similar completed work costing not less than the amount equal to 80 (eighty) percent of the estimated cost i.e. INR 75.2 lakhs; and
2. Achieved a minimum average annual financial turnover of 200.0 lakhs and a positive Net worth which should be certified by 'Chartered Accountant' in last three (3) financial years immediately preceding the Financial Year in which bids are invited.
3. The contractor should have his registered office in Mumbai/Thane/Navi Mumbai region. Documentary proof for the same has to be submitted.
4. The contracting firm shall have a sufficient technical staff i.e. Civil Engineer and Civil Supervisor and the letter of appointment of their technical staff shall be submitted along with application form. All the appointment letter of contractor technical staff shall be notarized and attested.
5. The contracting firm shall have minimum experience of 10 Years in the field of executing similar work and should have empaneled with Govt. Dept. / Banks/ PSU. For experience of 10 years submit valid documentary proof.

STOCKHOLDING CORPORATION OF INDIA LIMITED

6. Latest Bank solvency certificate of Rs. 2.00 Cr. from Nationalized bank only issued in current financial year shall be provided for Qualification along with Bank Confirmation letter.
7. Contracting firm should have PAN, GST, ESIC, PF, & professional tax registration no. the valid registration certificate shall be submitted along with application.
8. The applicant should also produce original documents for verification if called for. Failure to attach requisite documents with application will render applicant not eligible for qualification of bid without any intimation
9. SHCIL / Consultants representatives may visit the applicant's completed or on-going projects and contact his past clients for verification of information given by the applicant. On visiting the site if, committee finds quality of the work executed is not satisfactory, then it can led to disqualification of the Contractor. Besides this, the documents submitted by the contractor is if found to be fraud rant/ manipulated/ false/amended, the contractor shall be blacklisted for minimum period of 07 years for working in all PSU, GOVT and Semi Govt. Department.
10. **Alteration**
No alteration shall be made anywhere in the RFP Document supplied. Bidder shall by submission of this RFP be deemed to have accepted the terms and conditions contained in the RFP Document. Any Conditional Bid/Deviation from terms and conditions may cause rejection of their RFP.

STOCKHOLDING CORPORATION OF INDIA LIMITED

CONDITIONS OF CONTRACT

1. **Definitions**

A. **Company:** Company means “**Stockholding Corporation of India Limited**”
(Wherever Company is mentioned in the Contract)

B. **Contractor:** Contractor means the company given the work order to carry out the work. (Wherever Contractor is mentioned in the Contract)

2. **Security Deposit**

On award of the work, the Contractor will submit a Bank Guarantee of 5% of the Contract Value as Security Deposit within 21 days from the date of award of work.

On receipt of the Security Deposit Bank Guarantee, the EMD deposited by the successful Contractor shall be refunded.

Performance Security Deposit shall be forfeited in the event of a breach of contract by the bidder in terms of the said contract.

Bank guarantee shall be valid for three months from the date of completion of work / VCC and shall have an expiry period of 2 months.

3. **Retention Amount**

Retention Amount of 10% shall be deducted from each running bill of the Contractor subject to maximum of 5% of the total contract value.

4. **Refund of Retention Amount**

The Retention Amount shall be refunded on expiry of Defects Liability Period of 12 months counted from the date of Final certification by Company after verification that there is no claim, defects towards the Contractor's work. The Retention Amount shall not bear any interest and shall be refunded to the contractor in the manner detailed above.

5. **Defects Liability Period**

The Contractor shall be responsible to make good and remedy at his own expenses within such period as may be stipulated by the Company any defects, which may develop or be noticed before the expiry date of the period from certified date of completion. The Defect Liability Period shall be 12 calendar months from the date of completion certificate issued by the Company. Separate Completion Certificates will be issued in case of phase work repairs.

STOCKHOLDING CORPORATION OF INDIA LIMITED

6. **Procedure for Billing**

The Contractor will submit interim-running account bills for works worth minimum Rupees 20 Lacs. The Contractor will submit three copies of the Bill to the Company along with detailed measurement sheets. The Company will verify and certify the bill for its accuracy and validity. The Company or its representatives will reserve the right to ask the Contractor for joint measurements to verify the detailed measurement sheets submitted by the contractor and ask for details of measurements and clarification as may be required. After this clarification, Company will certify the Bill. After this certification, the Company shall release the Contractors payment, within 15 working days for intermediate bills and 30 working days in case of Final Bill. All interim payments shall be regarded as payments by way of advance against final payment only and not as payments for work actually done and completed and shall not preclude the right of Company from getting bad, unsound and imperfect, faulty, defective and unskilled work to be removed or redone.

The Final bill will be certified only on receipt of No objection/ No Complaint letter from all the concerned parties including any engineer appointed by the Company and Company office bearers. Complaints/ objections if any will be rectified to the best satisfaction of Company whichever are in the scope of Contractor.

7. **Penalty**

In case of delay a penalty of 1% of the contract value per week subject to a maximum of 10% of the contract value shall be imposed on the contractors as liquidated Damages. The decision of Company in this matter shall be final, conclusive and binding on the contractor.

8. **Completion Time**

The completion time of this work will be 3 months including Monsoon. The contractor shall prepare a bar chart showing the schedule of the work to be carried out.

9. **GST**

The GST as applicable shall be paid as extra by the Company. However, the proof of payment of such tax including returns for input credit to the Company has to be submitted to the Company prior to Company releasing the GST portion of the payment. If any deductions at Source is required by the Govt. Rules, the same shall be done by the Company when making the payments.

STOCKHOLDING CORPORATION OF INDIA LIMITED

10. **Income Tax**

The Company shall deduct Income Tax at source as per prevailing Govt. regulations at the time of making the payment and issue the corresponding certificates to the Contractor for the payments made from time to time.

11. **Water & Electricity**

One electricity point shall be provided by the Company to the Contractor. Source of water for construction purpose shall also be provided by the Company to the Contractor. Company will charge the Contractor, 0.50% of the Contract Value for supply of Electricity & Water.

12. **Extra Items**

Extra items are those items, which are not mentioned in Bill of Quantities. Such items shall be ordered in writing by the Company. The Contractor shall not execute the same without written confirmation and finalization of rate. These items shall be analyzed on basis of actual cost of material and labour plus Five percent for Profit and Overheads.

13. **Commencement Time**

The time allowed for execution for the works as specified in the contract documents shall be the essence of the contract. The execution of the works shall commence from the date specified by the Company in writing. If the Contractor fails or neglects to commence the execution of the work as aforesaid, the Company shall without prejudice to any other right or remedy will be at liberty to forfeit the Earnest Money Deposit / Security Deposit absolutely.

If work is delayed by

- A. Force Majure such as acts of god, acts of public enemy, acts of govt., floods, epidemics etc. or
- B. Abnormally bad weather
- C. Serious loss or damage by fire or,
- D. Civil commotion, local combination of workers, strikes or lockouts affecting any of the traders employed for the work.
- E. Delay on part of the other Contractor or trademen engaged by the Company in executing work not forming part of the contract.
- F. Any other reason, which in the absolute discretion of the Company is beyond the Contractors control.

STOCKHOLDING CORPORATION OF INDIA LIMITED

Then upon the happening of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Company and endeavor to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Company to proceed with the work. Request for extension of time, to be eligible for consideration shall be made by the Contractor in writing within 7 (seven) days of the happening of the event causing delay. The Contractor may also, if practicable indicate in such a request the period for which the extension is desired.

In any such cases the Company may give a fair and reasonable extension of time for completion of work keeping in view the reason stated here above. However the extension will be final for the said reasons and no consideration can be allowed at a later date.

14. Cancellation of Contract

If the Contractor commits default in complying with any of the terms and conditions of the contract and does not remedy it within seven (7) days after a notice in writing is given to him, the Company will give another seven (7) days notice for termination of contract and after these 7 days; the Company will have power to terminate the contract.

15. Arbitration

All disputes or differences whatsoever which shall at any time i.e. during the execution of the contract or maintenance thereof till total completion of the contract, between the parties hereto concerning the works shall be effected by an Arbitration. Company will appoint a sole arbitrator on receipt of letter from either of the party. The Arbitration shall be held in Mumbai. The Arbitration & conciliation Act 1996 will be the basis of Arbitration.

16. Laws Governing the Contract

The Indian Laws shall govern this contract for the time being in force. The Mumbai Jurisdiction shall govern this contract.

17. Notice to Local Bodies

The Contractor shall comply with and procure all clearance / permissions from all concerned departments/govt. bodies/local bodies to ensure smooth functioning of the work under contract and shall not indemnify the Company of any claim that may arise thereof. Necessary letter and/or signature for getting approval from corporation will be provided by Company. Any expense for getting approval from corporation will be borne

STOCKHOLDING CORPORATION OF INDIA LIMITED

by contractor only. Contractor will pay necessary Charges, royalty etc and submit the receipt of the same to Company.

18. Workmen Compensation & Other Insurance

The Contractor will take the Workmen Compensation Insurance Policy and Contractor's All Risk Insurance Policy in the joint names of the Company and the Contractor. The contractor shall deposit such insurance policies fully paid up to the Company and pay due premium from time to time and furnish the said receipt to the Company.

19. Suspension of Work

Company reserves rights to suspend work for a period upto 90 days and beyond 90 days Contractor have right to request for foreclosure of Contract. Such Suspension and consequential foreclosure would not entitle Contractor to ask for any compensation for any damage; the Contractor might have suffered.

20. Works to be Carried Out

The works to be carried out under the contract shall, except as otherwise provided in these condition, include all labour, materials, tools, plants, equipments and transports which may be required in full and entire execution and completion of the works. The description given in the specification and in the bills of quantities shall, unless otherwise stated will include cost of following.

Materials, carriage and cartage, carrying in, returns of empty cement bags, hoisting, setting, fitting and fixing in position, removal of debris outside Company's premises to destination approved by municipality for disposal, and all other labour necessary in and for all the full and entire execution and completion as aforesaid in accordance with the good practice and recognized principles.

21. Inspection & Approval

All work having more than one process shall be subject to the examination and approval at each stage thereof. The Contractor shall give due notice to the Company when each stage is ready.

No work shall be covered up or put out of view without the approval of the Company & the Contractor shall offer full opportunity for examination and measurement of any of work which is about to be covered up or out of view and for examination before permanent work is placed thereon. The Contractor shall give due notice to the Company whenever any such work is ready for examination and the Company shall without

STOCKHOLDING CORPORATION OF INDIA LIMITED

unreasonable delay, unless they consider it necessary & inform the contractor in writing accordingly, attend for the purpose of examining such work. In the event of the failure of the Contractor to give such notice he shall if required by the Company uncover such work at their expenses.

22. Records & Measurements

The Company representative and the Contractor's representative shall take measurements jointly. Measurements shall be recorded and signed by both the parties on the site after completion of measurements. The Contractor shall keep Daily Progress Report & Measurement Book, Material Book & Site Instruction Book available on site at all time.

23. Location for Site Office, Water Tank Storage Godowns Etc.

The Contractor will be provided space in the building premises for use as temporary site office, cement storage godown and water tank. The Contractor will have to erect his own temporary storage godown. The Contractor will have to provide his own storage tank for his water circulation system. The tank can be either metallic/Plastic or any other materials. Due care will be taken by the Contractor to ensure that no breeding of insects, pests and mosquitoes takes place due to water storage. The Contractor will also provide for pumping facilities. No separate charges will be paid for these facilities and the contractor will dismantle all constructed facilities. The Contractor will also seek appropriate permissions, pay required fees/charges, and deposit to all government departments / municipal bodies etc. as may be applicable for providing these facilities.

24. Decision

The decision of Company as regards specifications, quantity, and workmanship, interpretation of various items and specifications of work in general would be final and binding of contractor.

25. Method of Measurement

Where works have to be measured for any purposes whatsoever it shall be in accordance with IS: 1200 unless otherwise specifically indicated in the Contract or BOQ. The Quantities given in the Bill of Quantities are approximate, actual quantities executed as per measurements of the works shall be considered for payment. The quantities mentioned in Bill of Quantities are liable for the changes at the discretion of Company.

STOCKHOLDING CORPORATION OF INDIA LIMITED

26. Debris Removal

Disposal of the debris, which has arisen out of any work, shall be responsibility of the contractor. Contractor will dispose the debris at his cost as soon as one truckload is accumulated on the site and keep the Company's premises clean. However Company will have right to sell old scrap material like water supply GI pipes/fittings, Cast iron sanitary pipes/fittings etc. the contractor will maintain cleanliness in the office working areas on daily basis and as and when required by the company.

27. Written Instructions

All reference, communications, correspondence made by the Company representative or the contractor concerning the works shall be in writing. Reference, communication or complaint, which is not in writing, shall not be recognized.

28. Work Timings

The contractor shall be allowed to work both during the day and night time. The contractor shall make the arrangement for manpower accordingly at his own expenses.

29. Site Instruction Book

A site Instruction book must be maintained and always be available at site to record the instructions by the Company or their representative. The contractor must see that the instructions noted therein are properly carried out.

30. Contractor's Representative

Contractor will deploy full time qualified experienced civil engineer supervisor at the site to supervise his work and to receive instruction from Company from time to time during the progress of work.

31. Subcontracting Or Subletting

Subletting or subcontracting of part of the work will be allowed only with prior consent of the Company.

32. Material Brought in & Consumed

The contractor shall maintain an account of different materials brought to the site in Material Report and consumed for executing the works under the contract. The Company shall have the right to check the position of material at all times. For any material to be used for the work, samples and technical data sheets shall be first submitted and got approved by the Company's representative. If any material is brought to the site without

STOCKHOLDING CORPORATION OF INDIA LIMITED

prior approval and if the material is rejected by the Company, the same shall be removed from the site immediately and shall not be used for any work. Company shall not bear any expense towards removal of rejected material from the site.

33. Company to have Power to issue Further Instructions

The Company shall have the power and authority from time to time or at all times to make and issue such further instructions and directions as may appear to them, necessary or proper for the guidance of the Contractor for the sufficient execution of the works according to terms of the specifications. Contractor shall receive, execute, obey and be bound by the same according to the true intent and meaning thereof. As fully and effectually as, as though the same had accompanied or had been mentioned or referred to in the position of any work completed by the specifications or may order any of the work completed thereby to be omitted, with or without the substitution of any other work in lieu thereof or may order any work or portion of work executed or partially executed to be removed, changed or altered and if needful may order that other works shall be substituted instead thereof and differences of expenses occasioned by any such deviation or alteration so ordered and directed shall be added to or deducted from the amount of this contract. However all decisions in this regards shall be taken by the Company, which shall be final and binding upon the Contractor, and the Company.

34. Contractor to Preserve Peace

The Contractor shall at all times during the progress of the work take all requisite precaution and use his best of endeavors for preventing any riotous or unlawful behavior by or amongst the workers and others employed on the works. He shall also pay the charges of such special police (if any) as the Company may put up thereof from the Contractor.

35. Sanitation

The Contractor shall at own cost, make all necessary provision for health and safety of his workpeople and also take all steps necessary to compel his workpeople to use such latrines & urinals and shall dismiss from his employee using any place other than the allotted areas. If the Company is not able to allocate any designated toilet for use by the workers, the Contractor shall install his own portable toilet at his cost.

36. Provision of First Aid Box

The Contractor shall at his own cost provide and maintain at the site of works a standard first aid box as directed by and approved by the Company for the use of his own staff.

37. Safety Provision

The Contractor shall take enough safety precautions for material handling, scaffolding and ladder works, mechanical devices, electrical devices, cranes, machinery's, laborers for all heights and depth of works as per standards practice and applicable rules and regulations. Special care is to be ensured for handling and working with construction Chemicals. The Contractor shall ensure that all the suggested provisions for safety are followed in to as required by the manufacturer.

The Contractor shall indemnify the Company against accident, liability during working. It is hereby understood and agreed that all liability arising out of any accident at the site will be the responsibility of the contractor. In no case shall the Contractor endanger the Company by unsafe working methods. The contractor should cover entire external work place by jute cloth / plastic perforated sheet or other approved method over scaffolding at the time of actual operation of breaking plaster, replastering etc. complete.

38. Removal of Workmen

The Company shall be at liberty to object to and requires the contractor to remove forthwith from the works any person employed by the contractor in or about the execution of the work who in the opinion of the Company misconduct himself or is incompetent or negligent in the proper performance of his duties or whose employment is otherwise considered by Company to be undesirable and such person shall be replaced by the contractor without delay by a competent substitute approved by the Company.

39. Labour

A. Labour Rules

In respect of all labour directly or indirectly employed on the works by the contractor, the contractor shall comply with the provision of the contract labour (Regulation and Abolition) Act 1970, Minimum Wages Act 1948, payment of Wages Act 1936 and any amendments thereof and all legislation and rules of the state and/or central Government or the other local authorities, framed from time to time, governing the protection of health, sanitary arrangements, wages, welfare, and safety for labour employed, on the building and for bonus, retirement benefits retrenchment/lay off, compensation and all other matters involving liabilities of employers to employees. The rules and the other statutory obligations with regard to fair wages, welfare and safety measures and maintenance of register etc. will be deemed to be part of the contract.

B. Reporting Accident Of Labour

The contractor shall be responsible for the safety of all employees and/or workers employed or engaged by him on and in connection with the works and shall forthwith report all cases of accidents to any of them, however caused and whenever occurring to the Company or their representative and shall make every arrangement to render all possible assistance and aid to the victims of the accidents.

C. Provisions of Workmen's Compensation Act

The contractor shall all times indemnify and keep indemnified the Company against all claims for compensation under the provisions of the Workmen's Compensation Act 1923 or any other law for the time being in force by or in respect of an workmen employed by the contractor in carrying out the contract and against all cost and expenses or penalties incurred by the Contractor in connection therewith.

In every case in which, by virtue if the provision of the said Act, the Company is obliged to pay compensation to a workmen employed by the contractor in executing the works the Company shall recover from the contractor the amount of the compensation paid and without prejudice to the right of the Company under the said Act. The Company shall be at liberty to recover such amount or any part thereof by deduction it from the security Deposit or from any amount due by the Company to the contractor, whether under this contract of other wise without prejudice to any other remedy that may be available to the Company in law. The said Act, except on the written request of the contractor and upon this giving to the Company full security for all cost for which the Company might become liable in consequence of contesting such claim.

D. Accident or Injury to Workmen

The Company shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any individual, workmen or other person in the employment of the contractor or his sub contractors and the contractor shall indemnify and keep indemnified the Company against all such damages and compensation and against all claims, demands proceedings, costs, charges, and expenses whatsoever in respect thereof or in relation thereto.

40. **Personal Protective Equipment**

All necessary personal protective equipment shall be kept available to the use of the persons employed on the site and maintained in a condition suitable of immediate use. Also the contractor shall take adequate steps to ensure proper use of equipment by those concerned. The protective equipments are to be provided by contractor are:

All persons employed at the site shall use safety helmets & full body safety belts.

Protective nets shall be provided at places where men are working at heights to safe guard falling debris.

The contractor shall provide proper illumination at site in the night to avoid accidents.

41. **Quantity Variation**

The Quantities given in the Bill of Quantities are approximate, thus are liable for the changes at the discretion of Company. No extra claim will be allowed in case of reduction in quantity.

42. **Warranty of Work Done**

Contractor agrees to sign the Service Guarantee Agreement for the work after signing the contract for the following items of work:

- 1) The Structural Repair Works shall carry written Service Warranty of **Three Years** against any signs of cracks or any other defect from the date of actual completion of the work and Company agrees to following.
 - A. The warranty shall be applicable only for the extent of work done under this contract.
 - B. The validity of this agreement will be effective only to the repair work executed as per the specification given in RFP copy, work order and other document attached with the work order

TECHNICAL SPECIFICATIONS

Material Specifications:

- All materials to be supplied by the contractor shall be of approved brand and will be in conformity with the specifications. If material delivered on the site does not satisfy the specifications, the contractor shall remove the same from the site. Cost of all material testing shall be borne by the contractor.
- Unless otherwise stated OPC Cement should be used of approved brand. The cement to be used should not be more than 4 weeks old.
- Sand to be used shall be river sand only. Marine sand shall not be allowed to be used. Sand to be used should be well graded and free from salt & silt. All parameters such as grading of sand and its silt content etc shall be verified by conducting material tests by the Contractor and report to be submitted to the Company.
- Water to be used should be free from acids, salts, organic matter or other substance that may be deleterious to concrete and steel and shall be potable and shall be tested from a laboratory.
- Solid content of the polymer @ 105⁰ C should be greater than 40% and pH should be greater than 8.
- Testing if asked by the Company, shall be done by the contractor for the Polymer Cement Mortar after 28 days and tests should give following strength.

Compressive Strength	> 35 N/mm ²
Tensile Strength	> 6 N/mm ²
Flexural Strength	> 8 N/mm ²
Bond Strength	> 1.8 N/mm ²
- Brick to be used should have minimum crushing strength of 35 Kg/Cm². Maximum Water absorption allowed 25%. Bricks should be tested if required by the Company.
- Non Shrink Grout shall have following properties & should give following strength at 28 days.

Compressive Strength	> 35 N/mm ²
Bond strength 14 days at 25 ⁰ C	> 3.5 N/mm ²

STOCKHOLDING CORPORATION OF INDIA LIMITED

- Micro Concrete should give following strength at 28 days and needs to be tested in a laboratory.

Compressive Strength $> 55 \text{ N/mm}^2$

General Instructions Application & Mode of Measurement

- Mixing of the mortar/concrete shall be done in mixer only hand mixing will not be allowed. After preparing the mix, mortar/concrete should not be kept on the ground it should be kept in steel tray only. Incase of small quantity of Mortar/Concrete or inaccessibility of the Mixer, mix can be prepared by hand mixing on Waterproof Steel Tray subject to addition of 10% additional cement.
- While preparation of mortar for plastering work, water should be controlled; it should not be more than 21 liters per bag of cement.
- Plastic perforated Sheets/Jute bardans should be used during external work.
- The rate shall be inclusive of the use of Ply and Plastic sheets to protect the flooring/ furniture and other immovable properties during repairs.
- Contractor shall not be allowed to make any hole inside the masonry for cross bracing of Scaffolding. If Company proposes to use another agency for any part of the work the contractor will have to allow the use of the Scaffolding by other agency without any charges and/or claims.
- All measurements for Polymer Mortar, Plaster, Painting & Waterproofing work will be in M^2 . No measurements for these works shall be taken in Running Meter unless mentioned specifically in the BOQ.
For polymer Cement Mortar the mixing will be done with Weigh batching no volume batching will be allowed.
- For Polymer Cement Mortar measurement shall be in M^2 basis, for the actual surface for repairs.

10. Breaking of Wall plaster/Concrete Cover

- 1.1 Loose and damaged plaster / cover concrete of average depth of 40mm shall be removed. Undue force shall not be used to remove the cover. While removal of cover care is to be ensured that core of the structural member is not disturbed. The surface should be cleaned by jet of water to remove laitance, dust, dirt and other debris. The debris should be carted away outside compound and as per the norm\ of local authority.
- 1.2 Joints in brickwork shall be raked out to receive the plaster and concrete surfaces shall be hacked and washed well before plastering. The masonry shall be kept wet for at least one hour before plastering.

2. **Rust Removal and Corrosion Inhibition**

- 2.1 Exposed steel is to be cleaned and the existing rust is removed with stiff wire brush & ***Rust Remover*** of approved brand shall be applied to exposed steel by cotton waste swab. After 1 hour application of ***Rust Remover*** remove vigorously any scales that have been loosened by ***Rust Remover*** by the means wire-brush. Prepare slurry of 1 part Of ***Corrosion Inhibitor in two coats*** of approved brand with 1 part of Cement; apply this slurry to steel surface by paintbrush in two coats. Second coat shall be applied four hours after first coat.

3. **Polymer Cement Mortar**

- 3.1 **Treatment:** Spray the entire steel & concrete area with *polymer/cement* bond slurry (Ratio 1 Part of polymer to 1 part of cement). The treated areas will be brought to a nearest measurable shape and size of average 40mm thickness. Mortar will be applied wet on wet (with hands) on bond slurry by using *Cement sand* in the ratio of 1:3 with *Polymer* being added in the ratio of 10 kg. (for every 50kgs-cement bag). Mortar will be applied in coats of approximately 20mm thickness. For building higher thickness, leave first layer to dry overnight and apply second layer with one more coat of bonding slurry.
- 3.2 **While preparation, water should be controlled for per bag of cement.** The mortar should be used within 30 minutes. In case of non-use, all such material should be duly disposed off. Curing shall be done using water sprinkling for 3 days (Moist Curing Only) and not by directly spraying or ponding.
- 3.3 All measurements will be taken in Square Meter. No measurements for these works shall be taken in Running Meter.
4. **Shotcreting**
- 4.1 Average 20mm thick mortar should be sprayed on external walls in Cement Sand 1:3.5, in 1st coat with shotcreting with required curing and shall be done with proper line level. The distance of nozzle from work shall be 0.5 Meter to 1.5 Meter. The nozzle shall be held perpendicular to the surface of application. The rebound material can be reused only after screening and washing.
- 4.2 Curing is to be done at least four times a day with the first cure at the start of day and the last cure at the day's end. The totals curing days are to be 7 days minimum.

STOCKHOLDING CORPORATION OF INDIA LIMITED

- 4.3 If area to be plastered is concrete surface then apply ***bonding solution*** of approved brand (1 part of solution to 1 part of Water) on concrete surface by spray. Within 10 minutes of this application apply one chat coat of cement and coarse sand to a minimum thickness. After 24 hours carry out the plaster as mentioned above.
- 4.4 If plaster is to be done in patches, ***bonding solution*** of approved brand should be applied on edges of old plaster. The rate should be inclusive of Architecture bands, drip mould, providing round wata near ground level at junction of wall and ground etc. in plaster finishing. The rate should be inclusive of Architecture bands, drip mould etc. in plaster finishing. All measurements will be taken in Square Meter. No measurements for these works shall be taken in Running Meter.

5. **Plastering**

- 5.1 Average 20mm thick plaster should be applied on external walls in Cement Sand 1:4, in 2 coats with adding Waterproofing Admixture with required curing etc. complete shall be done with proper line level & finished to the entire satisfaction of the Company. **While preparation, water should be controlled it should not be more than 18 liters per bag of cement.**
- 5.2 Curing is to be done at least four times a day with the first cure at the start of day and the last cure at the day's end. The total curing period should be 14 days. In case of internal plastering curing compound should be sprayed instead of curing.
- 5.3 If plaster is to be done in patches, ***bonding solution*** of approved brand should be applied on edges of old plaster. The rate should be inclusive of Architecture bands, drip mould etc. in plaster finishing. All measurements will be taken in Square Meter. No measurements for these works shall be taken in Running Meter.

7. **Epoxy Grouting**

- 7.1 The Crack shall be opened along crack alignment by making V notches by means of mechanical saws. The Grooves shall be made dust free by means of thorough washing and drying
- 7.2 After cleaning the cracks 12mm diameter injection nipples shall be inserted at 150 to 300mm C/C and 30mm to 40mm along the crack line. The distance between the crack lines shall be sealed with polymer mortar.

STOCKHOLDING CORPORATION OF INDIA LIMITED

- 7.3 The epoxy component shall be injected in to the cracks by means of suitable pump at a pressure of 6 to 7 Kg/cm². In case of vertical cracks injection shall be started at the lowest nipple and continued until the injected grout begins to flow out at the next higher nipple. The First nipple shall then be closed off and injection continued at the second until epoxy grout flows out at the third.

8. Brick Work

- 8.1 All bricks shall be immersed in a drum or tank of water till bubbles cease to come up, before being used in the work. No broken bricks shall be used. The course shall be truly horizontal and the work strictly plumb, joints shall be broken vertically, and they shall not exceed 10mm in thickness. The brickwork shall not be raised more than 18 courses a day (1.5m height), Freshly mixed mortar of proportion 1:4 shall be used. The bricks shall be laid in English bond.
- 8.2 All joints in brickwork shall be properly raked out to 10mm as the work proceeds. The work shall be well watered three times a day for 3 days. The rates of brickwork shall be inclusive of all necessary, watering, and cutting of bricks for circular work, any and no extra charge for the same will be permitted. In case height exceeds 1.5m for 115mm thick brickwork, *Patli* of CC 1:2:4 should be provided of 10cm thickness. (Rate should be inclusive of necessary concrete, steel centering, shuttering required.)

11. External Plumbing

- 11.1 Providing and fixing drainage pipe and water supply line as the case may be inclusive of standard Fittings & pipes of approved quality including filling the holes with mortar, curing, patchwork plastering on the same, testing etc. complete and as directed. In case of PVC line the Joint between PVC to PVC must be made using Rubber Sealant. PVC pipes must be installed using proper fittings no site fabrication of fitting will be allowed by heating of the Pipe or anything of that sort.
- 11.2 The measurement for pipes shall be on RM, basis unless otherwise mentioned in the BOQ. All fittings upto 60cm in length incase of sanitary pipe shall not be measured separately and it shall be considered in the measurement of main pipe. The rate shall be inclusive of the Brackets and wall piece, which will be not be paid separately.

11.3

STOCKHOLDING CORPORATION OF INDIA LIMITED

12. **Painting**

- 12.1 Surface should be completely free from dust, loose paint and fungus. Clean the surface thoroughly using wire brush, water and sandpaper. Pre-wet the surface to be painted, with clean water and allow water to runoff.
- 12.2 The base coat for painting shall be applied as per the manufacturer's instructions and mixing ratios. Adequate curing shall be done as required by the manufacturer.
- 12.3 On the base coat of paint apply two coats Acrylic/Tax/Cement/Electrometric of ***approved brand and colour*** paint as the case may be. Measurement of painting work will be done in Square Meter.
- 12.4 The BOQ description and manufacturer's instructions for application of paint will be governing in case of any discrepancy.

13. **Plain Cement Concrete**

- 13.1 All existing pavement concrete/soil should be excavated to average 45cm depth and the debris should be carried away. Then soling of average thickness of 23cm of new/old (existing) rubble should be placed and the ground shall be thoroughly leveled and rammed with light roller before laying the concrete.
- 13.2 Cement concrete shall be of mix 1:2:4 of 4" thickness in proper line and level consisting of 1 part Portland cement, 2 parts sand, and 4 parts of metal Nos.1, 2 in equal proportions. After thoroughly mixing, it shall be deposited in position gently, in layers, no more than what can be used within 20 minutes should be mixed and the same shall be well rammed and vibrated till it creams to the surface and interstices are filled up.
- 13.3 The Contractor shall adopt every precaution towards guarding the concrete from dust and dirt. Proper curing method shall be adopted for 21 days. Mixing of mortar should be done in mixer only. Measurement of Plain Cement Concrete work will be done in Square Meter.

14. **Micro Concrete**

- 14.1 Providing Micro Concrete jacketing to walls of thickness upto 75 mm using Polymer modified cement premixed quartz sand aggregate packed in bags of standard manufacture, for high early strength of 40N /mm sq.cm of approved brand. The dry product is to be mixed with 12.5% water by weight, along with washed and poured into rigid form work moulds & tamped properly, & cured for 3 days. [Payment is to be made by weight premixed of micro concrete product consumed as per site register records. No extra payment shall be made for shuttering or any other material.

STOCKHOLDING CORPORATION OF INDIA LIMITED

15. Shear Connectors

Providing & Fixing Mild Steel / H.Y.S.D. dowel pins / staple / keys / shear pin of specified sizes dipped in epoxy or PERMA ANCHOR FIX-80 or equivalent [diameter and length as directed by C.E.] including drilling of holes, securing it in the hole with necessary labour, tools, tackles, materials, etc. complete as per the drawings, specifications & as directed by the civil supervisor.

16. RECASTING OF SLAB

16.1 Making/Drilling of 12mm dia holes in adjoining beams for fixing of steel reinforcements. The steel reinforcement shall be fixed in the beam with epoxy putty. Providing and laying in position M-20 grade cement concrete for reinforced cement concrete work, and the cost of centring, shuttering, finishing and excluding reinforcement, including admixtures in recommended proportions as per IS: 9103 to accelerate, retard setting of concrete, improve workability without impairing strength and durability as per direction of Engineer-in-charge. The rate shall include cost of all specified materials and operations at all levels and heights, including the cost of centring, shuttering and excluding reinforcement which shall be paid under relevant item

17. STEEL REINFORCEMENT

17.1 Providing and fixing in position steel bars reinforcement [**HYSD steel bars (Fe 415)**] of various diameters for R.C.C., slabs, as per detailed designs, drawings and bar bending schedules ,including straightening, cutting, bending, hooking the bars, binding with wires or tack welding, supporting as required etc. all complete at all levels

18. CRACK FILLING

18.1 Opening of cracks on external plaster in V groove manner, & filling the same with approved crack filling ready mixed material as per the technical specification etc complete as directed. This item includes washing of entire external surface with Jet washing Machine as complete and as directed.

STOCKHOLDING CORPORATION OF INDIA LIMITED

List of Approved Makes/Brand of Various Building Materials:

If any particular brand is mentioned in the BOQ, that has to be used.

Sr. No	Materials	Approved Brands
1.	Cement	ACC Suraksha, Birla Plus, & Ultratech
2.	Bricks	Ordinary clay bricks of any brand confirming to IS
3.	Polymer, Rust Removers & Passivators	Fosroc, Sika, Sunanda, Dr.Fixit, Krishna Conchem
4.	Sand	River Sand
5.	Polypropylene Fibers, Waterproofing Compound, Bonding Solution, Crack filling Material, Water repellent Material, Micro Concrete, Curing Compound & Non Shrink Grout	Fosroc, Sika, Sunanda, Dr.Fixit, Krishna Conchem
6.	White Cement	Birla, J. K.
7.	G. I. Pipes	Tata
8.	C. I. Pipes	Necco ISI
9.	Gate Valves	Captain ISI
10.	External Paint	Asian Paint, Nerolac
11.	Internal Paint	Asian Paint, Nerolac
12.	PVC Pipes and Fittings	Kissan, Prince only ISI
13.	AC Pipes	Prince, Precision, Astral only ISI
14.	UPVC Pipes	Prince, Precision, Astral, Supreme as per ASTM-D-1785, SCH120 only
15.	Steel	TATA / SAIL
16.	Micro-concrete	Fosroc , Sunanda, Dr.Fixit, Krishna Conchem

STOCKHOLDING CORPORATION OF INDIA LIMITED

ANNEXURE-I
Information about Bidders

Sr. No.	Description	Details
1.	Name of the Firm & registered address	
2.	Year of Constitution of the firm	
3.	Income tax Permanent Account No.	
4.	GST Registration No	
5.	Contact No. Office: Mobile:	
6.	Nature of the firm	Partnership /Proprietorship /Limited Company
7.	Name & qualification of the sole proprietor / partners / directors	
8.	Name of the persons authorized to enter into & execute contract agreement & capacity in which he/she is authorized	
9.	Qualification of the Bidder. Attach Certificate.	
10.	No of the Staff in the firm (Attach Separate Sheet)	Engineers- _____ Supervisors- _____
11.	Cost of the work done of similar nature as per the eligibility criteria requirements. Attach Work Order & Completion Certificates separately	_____ Lacs
12.	EMD Details	DD No: _____ Dated: _____ Drawn On: _____ Branch: _____

STOCKHOLDING CORPORATION OF INDIA LIMITED

ANNEXURE-II

List of Equipments & Machineries which will be used for the Project

[illegible]

ANNEXURE-III

LIST OF WORK DONE

Sr. No.	Name of the Client with Detail Address.	Name of the Contact Person	Phone No of the Contact person	Year of Repair	Duration of Repair	Cost of Work Executed. (to be supported by PO & Completion Certificates)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

Note: Attach separate sheets if required
Attach work order/ completion certificate

ANNEXURE-IV

LIST OF WORK IN HAND

Sr. No.	Name of the Client With Detail Address.	Name of the Contact Person	Phone No of the Contact person	Year of Repair	Duration of Repair	Approximate Cost of Work Executed.
21.						
22.						
23.						
24.						
25.						
26.						
27.						
28.						
29.						
30.						
31.						
32.						
33.						
34.						
35.						
36.						
37.						
38.						
39.						
40.						

Note: Attach separate sheets if required
Attach work order received from client

BILL OF QUANTITIES