Shri Jagdamba Devi Sarvajanik Trust, Mohate, Tal Pathardi, Dist. Ahilyanagar (M.S.)

****

#### NAME OF WORK

Arresting rain water leakages, and misc. restorative treatment at Shri Jagdamba Devi Temple ( MOHATADEVI )at Mohate, Tal. Pathardi. Dist. Ahilyanagar (M.S.)

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Client – Shri Jagdambe Devi Sarvajanik Trust, Mohate

Project Management Consultancy – Progressive Expert Consulting Pvt Ltd

Shri Jagdamba Devi Sarvajanik Trust, Mohate

Tal Pathardi Dist Ahilyanagar (M.S.)

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##### Tender Notice

**------------------------------------------------------------------------------------------------------**

Sealed Item rate tenders are invited by the Shri Jagdamba Devi Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar pin 414102 for the following work from approved and eligible Contractors registered in appropriate class of the PWD Government Department from approved and eligible having experience in waterproofing works / Specialist Waterproofing **agencies**.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Sl. No.** | **Name of Work** | **Estimated cost** | **E.M.D.** | **Time limit** |
| 1. | Arresting rain water leakages, and misc. restorative treatment at Shri Jagdamba Devi Temple ( MOHATADEVI ) at Mohate. Tal Pathardi.  Dist. Ahilyanagar (M.S.) | Rs.2,10,00,000/- | Rs.2,10,000/- | 120 Days |

Shri Jagdamba Devi Sarvajanik Trust, Mohate. Tal Pathardi Dist Ahilyanagar (M.S.)

**DETAILED TENDER NOTICE**

**NAME OF WORK:- Arresting rain water leakages, and misc. restorative treatment at Shri Jagdamba Devi Temple ( MOHATADEVI ) at Mohate. Tal Pathardi. Dist. Ahilyanagar (M.S.)**

Sealed Item rate Tenders are invited by The Shri Jagdamba Devi Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar pin 414102 for the following work from approved and eligible Contractors registered in appropriate class of the any Government Department from approved and eligible having experience in **waterproofing works / Specialist Waterproofing agencies.**

**Details of Tender**

|  |  |  |
| --- | --- | --- |
| 1. | Name of Work | Arresting rain water leakages, and misc. restorative treatment at Shri Jagdamba Devi Temple at Mohate ( MOHATADEVI ) Tal Pathardi. Dist. Ahilyanagar (M.S.) |
| 2. | Estimated Cost | Rs.2,10,00,000/- (Rupees Two Crore Ten Lakhs Only) |
| 3. | E.M.D. (1%) | Rs. 2,10,000.00/- (Rupees Two Lakh Ten Thousand Only) |
| 4. | Security Deposit (4%) | Rs.8,40,000.00/- (Rupees Eight Lakh Forty Thousand  Only) |
| 5. | Retention amount (5%) against each RA  Bill | Retention amount will be debited from each RA Bill and  Final Bill. |
| 6. | Mobilization advance (10%) | N/A |
| 7. | Time Limit for Completion of Work | 04 Months |

Shri Jagdamba Devi Sarvajanik Trust, Mohate. Tal Pathardi Dist Ahilyanagar (M.S.)

##### No: 05/ 2025

1. Shri Jagdamba Devi Sarvajanik Trust Mohate Tal Pathardi Dist. Ahilyanagar pin 414102 Invites sealed Item rated tenders from approved and eligible contractors registered with Public works organization like PWD, State PWD (B&R), DOP MES, RAILWAYS in appropriate class having experience in **waterproofing works / Specialist Waterproofing agencies and companies under proprietor , Pvt Ltd or partnership with any certification of specialisation of waterproofing** up to 15:00 hrs on **04.04.2025** for the following work.

**Name of work. Arresting rain water leakages, and misc. restorative treatment at Shri Jagdamba Devi Temple at Mohate. Tal Pathardi. Dist Ahilyanagar (M.S)**

1. **Earnest Money Deposit:**

**Rs.2,10,000.00/-** (Rupees Two Lakh Ten Thousand Only) (Payable in the manner described in para 10 (1) below)

1. **The work is estimated to Cost:**

**Rs. 2,10,00,000.00/-** (Rupees Two Crore Ten Lakh Only)

1. Tenders will be issued to eligible contractors / Specialist agencies in Waterproofing treatments provided they produce proof of their valid enlistment with the appropriate authority/proof of water proofing treatments made earlier Subject to above eligible condition, tender will be issued only on receipt of application from a registered contractors of appropriate class /Specialist Waterproofing agencies.
2. Tender forms (non-transferable) can be purchased on applications from Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar (M.S) on payment of **Rs.10,000/-** Ten thousand per set (non-refundable) in cash/ e-commerce payment system or by Pay Order in favour of **"Shri Jagdamba Devi Sarvajanik Trust Mohate Tal Pathardi" as cost of tender (Non refundable) on date 18.03.2025 upto 17.00 hrs on all days, The account details of Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi. Account No: 36705343022, ISFC: SBIN0001307, Bank Name: State Bank of India, Branch: Pathardi**.
3. Agreement shall be drawn with the successful Tenderer on prescribed Forms. Tenderer shall quote his rates as per various terms and conditions of the said form, (In case" Tender Documents" are downloaded from the Website in which rates are to be quoted should be properly bound and sealed) which will form part of the agreement.
4. The time allowed for carrying out the work will be Four Months from the 7th (Seventh) day after the date of issue of letter of award of work, or from the first day of handing over of the site, whichever is later, indicated in the Tender Document.
5. The site for the work is available OR the site for the work shall be made available in parts/phases.
6. The last date of submission and opening of tender will be as follows:
   1. Last date of submission of tender **04.04.2025 upto 15:00** hours.
   2. PREBID MEETING WILL BE ON 26/03/2025 at office of Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar (M.S). At 14:00 hrs.
   3. Date of opening of tender **06.04.2025 upto 13:00** hours, or whenever possible will be intimated to tenderes in the office of the Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar.
7. Duly filled tender and other necessary documents can be submitted in the office of the Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar (M.S) between 11.00 hours. & 16.00 hours from **02.04.2025 TO 03.04.2025** every day. Tender documents will be issued from his office during the hours specified above on payment of Rs. 10000/- (Rupees Ten Thousand only as cost of tender (Non-Refundable) from 18th of march 2025. BOQ is available in ANNEXURE 2.
   1. The tender shall be accompanied by Earnest money of **Rs.2,10,000.00/-** (Rupees Two Lakh Ten Thousand Only) in the form of e-commerce payment system Banker's cheque /deposit at call receipt of a scheduled bank / fixed deposit receipt of a scheduled bank/Demand draft of a Scheduled Bank issued in favor of Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar (M.S.) The account details of Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Account No: 36705343022, ISFC: SBIN0001307, Bank Name: State Bank of India Branch: Pathardi.
   2. The tender papers shall be issued by post. The Cost of tender "and" Earnest money should be submitted through separate instruments.
8. Tenders which should always be placed in sealed envelope in the manner detailed at para 9 below will be received by the Shri Jagdamba Devi Trust Sarvajanik Trust, Mohate Tal Pathardi Dist Ahilyanagar (MS) **upto 15:00 Hrs. on 04.04.2025** and will be opened by the committee members of Shri Jagdamba Devi Trust Sarvajanik Trust Mohate Tal Pathardi Dist Ahilyanagar (M.S) at Trust office Mohate on the **06.04.2025 at 13.00 Hrs**. ( or whenever possible will be intimated to tenderes.) After opening the main envelope 3, the envelope 1 containing the Earnest Money along with the cost of the tender as applicable and eligibility credentials shall be opened first. The envelope 2 containing tender shall be opened only for those tenderers whose Earnest Money cost of tender and eligibility is found in order. The unopened tenders shall be returned to the tenderers after the final decision on the tender is reached.
9. **Submission of tender:-** Tender shall be submitted in following manner
10. The tender document is down loaded from [www.shrimohatedevi.org](file:///D:\DOWNLOAD\www.shrimohatedevi.org) website.
    1. "Earnest money plus cost of Tender and eligibility credentials, financial turnover shall be placed in sealed envelope-1. marked "Earnest money plus cost of Tender and eligibility credentials"
    2. The "Tender" shall be placed in sealed envelope-2 and will be superscripted as "Tender"
    3. The sealed envelope no.1 as above containing "Earnest money plus cost of tender Eligibility Credentials", and the "Tender" (Envelope no 2) shall be placed in another sealed envelope-3.
    4. All the three envelopes shall be superscripted with following data on it.
11. Name of work.
12. Name of tenderer.
13. Last date of receipt of tender.
14. Earnest Money Deposit in required format or proof of payment of EMD and copies of documents showing eligibility credentials to be placed in sealed envelope no. 1
    1. Envelope no. 2 will be as per Para 13.2
    2. The sealed envelopes 1&2 shall be placed in another sealed envelope no.03.

**Note: In case the eligibility credentials are not found in order at any stage I e. before award of work or during execution of the work action will be taken against the Contractor.**

1. The tender in which rates are to be quoted should be properly bound and sealed (wax sealed/ adhesive tape sealed). Loose/spiral bound submission (in case the tender is downloaded from website) shall be rejected out rightly. In case of any correction/addition/ alteration/ omission of tender document vis-à-vis tender document available on website shall be treated as non-responsive and shall be summarily rejected.
2. The tenders submitted in the following manner shall be considered as not properly bound and sealed
   1. Loose/ Spiral bound tender.
   2. Stapled tenders without wax seal or without PVC tape.
   3. Tender schedule tied with thread/tag without wax seal or without PVC tape.
   4. Documents are stapled and tagged properly before kept in enevolope

**Please Note – Tender Amount May vary by +/- 20%.other than contingency where as contingency is considered as 15%**

**SUMMARY**

1. Name and place of work : Arresting rain water leakages and misc. restorative treatment at Shri Jagdamba Devi Temple at Moahte. Tal Pathardi. Dist Ahilyanagar (M.S.)
2. Place of issue of Tenders : Shri Jagdamba Devi Sarvajanik Trust, Mohate.
3. Date of Issue of Tender : 18.03.2025
4. PRE bid meeting. : 26/03/2025
5. Date of Submitting Tenders : 04.04.2025 (Till 15 :00 PM)
6. Cost of Tender : Rs.2,10,00,000.00/-
7. Arbitration : As per provision of Indian Arbitration Act 1940/1996
8. Venue of Arbitration : Ahilyanagar.
9. Jurisdiction of Court : Ahilyanagar.
10. Date of Issue of LOI : As early as possible
11. Date of Commencement of work : 15 April 2025
12. Date of Completion : 15 August 2025
13. Defect Liability Period : 84 Months from Handing over certificate.
14. Escalation : No Escalation
15. EMD : Rs.2,10,000.00/-
16. Initial Security Deposit (ISD) : Rs. 8,40,000.00/-
17. Mobilization Advance : N/A
18. Retention Money : 05%
19. Minimum RA Bill Amount : Rs. 20,00,000/-
20. TDS : 2% (As per Applicable)
21. Interim Bill Period / Running Bill : Fortnightly
22. Liquidated Damages : 0.5% per week & Maximum 10%
23. Incentives / Bonus : N.A
24. Clients : Shri Jagdamba Devi Sarvajanik Trust, Mohate.
25. Project Management Consultant : Progressive Expert Consulting Pvt Ltd.
26. Nearest Railway Station : Ahilyanagar.
27. Nearest Airport : Chhatrapati Sambhajinagar.
28. Access Road : Beed-Ahilyanagar Highway.

Shri Jagdamba Devi Sarvajanik Trust, Mohate. Tal Pathardi Dist Ahilyanagar (M.S.)

#### GENERAL TERMS AND CONDITIONS

##### Scope of Work:

The scope of work includes the supply, application, and testing of all materials and systems for waterproofing as per the specifications, drawings, and instructions provided.

##### Eligibility Criteria:

* + 1. Contractors with at least five years of experience in waterproofing work.
    2. Satisfactory Completion of at least three similar projects in the last five years.

##### Time Schedule:

The work shall be completed within the timeline specified in the summary with contract terms and conditions. Delays will attract penalties as per the penalty clause.

##### Payment Terms:

Payment will be made against RA bills submitted as per actual work progress. Retention will be deducted as per the special terms.

##### Taxes:

All taxes, duties, and levies as applicable shall be borne by the contractor and must be included in the quoted rates.

##### Safety and Compliance:

The contractor shall comply with all safety, labor laws, and environmental regulations during execution. The Contractor is responsible for the safety of their workforce and compliance with all applicable health, safety, and environmental regulations.

* 1. **Insurance:** The contractor must provide insurance coverage for the following:
     1. Workers (Workmen's Compensation).
     2. Third-party liabilities.
     3. Equipment and materials on-site.

Any damages during the work execution will not be borne by the client.

##### Site Conditions:

The Client will ensure site availability and provide access to necessary resources (e.g., water, electricity).The Contractor shall inspect and confirm site conditions before commencing work.

##### Force Majeure:

If events beyond control (e.g., natural disasters, strikes) prevent execution, both parties will mutually decide on revised timelines or compensation.

##### Termination of Contract:

The Client or Contractor may terminate the contract by providing [30 Days] days’ written notice. Payment will be settled for completed work as per agreed terms.

##### Dispute Resolution:

Any disputes will be resolved amicably through discussions. If unresolved, arbitration as per the Arbitration and Conciliation Act, 1946 /1996 will apply, with the venue at Ahilyanagar.

##### Payment Terms:

Running Account (RA) Bill Payments will be based on actual work progress. RA bills will be submitted monthly, verified within 7 days, and payment released wiil be released within 30 days. Minimum RA Bill Basic amount should Rs.20,00,000/- (Rupees Twenty Lakhs Only)

Final Bill Payment will be released after successful completion and acceptance of work, including submission of final documentation as per mentioned in Terms and Conditions.

##### Price Escalation:

The contract value is fixed and firm. No escalation will be entertained due to price variations in labor, materials, or other inputs.

* 1. **Termination and Payment Settlement:** Upon termination, payment for completed work will be settled after deducting penalties or outstanding recoveries. Advance recovery (if applicable) will be adjusted before final settlement.

#### SPECIAL TERMS AND CONDITIONS

##### Warranty and Maintenance:

A 7-year warranty against any leakage, Seepage or defect is mandatory. Any leakage, seepage, or defect observed must be rectified at no cost to the client.

Preventive maintenance inspections are required during the warranty period, with detailed reports to be submitted.

##### No Deviation Clause:

No deviation from the approved specifications, brands, or methodologies will be permitted without written consent from the client. Un-approved deviations will lead to rejection and necessary rework at the contractor’s cost.

##### Liquidated Damages:

Delays in completing the work will attract liquidated damages at 0.5% of the contract value per week, up to a maximum of 10%.

##### Retention Clause:

Retention money of 05% of the contract value will be deducted from each RA bill and Final Bill. Retention will be held in a joint account in the names of the client and contractor for **07 years** after the work's completion to cover any defects or issues. The retention amount will only be released after obtaining a satisfactory performance report and a final certificate from the client. **bank interest on FD will be contractors befit and given to Contractor.**

##### Quality Assurance:

All materials must comply with the specifications and IS codes mentioned in the tender. Quality certificates and test reports for materials must be submitted with each RA bill. On- site testing and third-party testing, if required, must be arranged by the contractor at their expense.

##### No Deviation Clause:

No deviation from the approved specifications, materials, or methods will be permitted. Any deviation without written approval will result in rejection and rework at the contractor's cost.

##### Dispute Resolution:

Any disputes arising shall be resolved as per the Arbitration and Conciliation Act, 1996/1940, with the venue of arbitration being the project location.

#### LABOUR INSURANCE & POLICY:

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

#### COMPLIANCE WITH LABOUR REGULATIONS:

During continuance of the contract, the Contractor and his sub-contractors shall abide at all times by all existing labour enactment and rules made thereunder, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules) regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or Central Government or the local authority. Salient features of some of the major labour laws that are applicable to CIVIL industry are given below. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made thereunder, regulations or notifications including amendments. If the Employer is caused to pay or reimburse such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor the Nodal Officer or his nominee/Employer shall have the right to deduct any money due to the Contractor including his amount of performance security. The Employer/Nodal Officer or his nominee shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer. The employees of the Contractor and the Sub- Contractor in no case shall be treated as the employees of the Trust / Owner at any point of time.

#### SALIENT FEATURES OF SOME MAJOR LAWS APPLICABLE TO ESTABLISHMENTS ENGAGED IN BUILDING AND OTHER HVAC WORK.

1. Workmen Compensation Act 1923:- The Act provides for compensation in case of injury by accident arising out of and during the course of employment.
2. Payment of Gratuity Act 1972: Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed 5 years’ service or more on death at the rate of 15 days wages for every completed year of service. The Act is applicable to all establishments employing 10 or more employees.
3. Employees P.F and Miscellaneous Provision Act 1952: The Act Provides for monthly contributions by the employer plus workers @ 12%/8.33%. The benefits payable under the Act are:
   1. Pension to family pension on retirement or death, as the case may be.
   2. Deposit linked insurance on the death in harness of the worker.
   3. Payment of P.F accumulation on retirement/death etc.
4. Contract Labour (Regulation & Abolition) Act 1970:- The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by Law. The Principal Employer is required to- take Certificate of Registration and the Contractor is required to take license from the designated Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ 20 or more contract labor.
5. Minimum Wages Act 1948: The Employer is supposed to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment HVAC WORK of Buildings, Roads, Runways are scheduled employment.
6. Payment of Wages Act 1936:- It lays down as to by what date the wages are to be paid when it will be paid and what deductions can be made from the wages of the workers.
7. Equal Remuneration Act 1979:- The Act provides for payment of equal wages for work of equal nature to Male and Female workers and for not making discrimination against Female employees in the matters of transfers, training and promotions etc.
8. Payment of Bonus Act 1965: The Act is applicable to all establishments employing 20 or more employees. The Act provides for payments of annual bonus subject to a minimum of 8.33% of wages and maximum of 20% of wages to employees drawing Rs. 3500/- per month or less. The bonus to be paid to employees getting Rs. 2500/- per month or above upto Rs. 3500/- per month shall be worked out by taking wages as Rs. 2500/- per month only. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. Some of the State Governments have reduced the employment size from 20 to 10 for the purpose of applicability of this Act.
9. Industrial Disputes Act 1947:- The Act lays down the machinery and procedure for resolution of Industrial disputes, in what situations a strike or lockout becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
10. Industrial Employment’s (Standing Orders) Act 1946:- It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get same certified by the designated Authority.
11. Industrial Employment’s (Standing Orders) Act 1946:- It is applicable to all establishments employing 100 or more workmen (employment size reduced by some of the States and Central Government to 50). The provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get same certified by the designated Authority.
12. Trade Unions Act 1926:- The Act lays down the procedure for registration of trade union of workmen and employers. The Trade Union registered under the Act has been given certain immunities from civil and criminal liabilities.
13. Child Labour (Prohibition & Regulation) Act 1986:- The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulation of employment of Children in all other occupations and processes. Employment of Child Labor is prohibited in Building and HVAC WORK Industry.
14. Inter-State Migrant workmen’s (Regulation of Employment & Conditions of Service) Act 1979:- The Act is applicable to an establishment which employs 5 or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in establishment to which this Act becomes applicable, are required to be provided certain facilities such as housing, medical aid, travelling expenses from home upon the establishment and back, etc.

## 2.10 The effect of Force Majeure:

Upon occurrence of the force majeure the following shall apply: There shall be no termination of the Contract except as provided in the General Conditions of the Contract. The milestones and the Contract time shall be extended as provided in General Conditions of the Contract.

## Termination due to Force Majeure

If contractor wish to terminate the contract, under force majeure conditions, he can request so in writing which shall be treated as client as termination of contract under nonperformance due to reasons beyond the natural and normal control of contractor.

## Loss or Damage and Indemnity Agreement

The Contractor shall be responsible for any and every liability imposed by law for any

damage to the Work or any part thereof or to any of the materials or other things used in performing the Work or for injury to any person or persons for any property amage. The Contractor shall indemnify, keep indemnified and hold, the Client/ consultants and PMC, harmless against any and all liability, claims, loss or injury, including costs, expenses, and attorney’s fees incurred in the defense of the same, arising from any allegations, whether groundless or not, of damage or injury to any person or property resulting from the performance of the Work or from any material used in the Work or from any portion of the Work or Work site or non- payment of statutory dues of any nature and penalty thereon or from any cause whatsoever during the process of the Work. The Contractor shall provide, during the entire Contract Period, such indemnification in the Proforma on his letter head at the time of signing the contract agreement valid for the period of construction and shall keep extending the validity as per EOT, if any.

Contractor will have to submit undertaking and indemnity bond at the time of certifying final payment about his abiding by all statutory laws and will keep abiding for reasonable period. The Contractor shall continue to indemnify Client for period of 2 years from date of issue of completion certificate for any later case/complaint being discovered against Client on account of breach of these statutory requirements.

## Extension of Contract Period

An extension of time to complete the Work beyond the Contract Period or an approved extension thereof alternatively termed as the delay may be required for situations elaborated below. A delay may be due:

To reasons attributable to the Contractor: In such case, the relevant provisions of the General Conditions of the Contract will apply for recovering liquidated damages from the Contractor. Furthermore, during this time delay no price variation shall be paid.

To reasons partly attributable to the Contractor and partly to the Client termed as Concurrent delay. In such cases time extension shall be granted for a period, to be estimated jointly by the Client and the Contractor. During such a period of time extension under this sub clause the provisions for liquidated damages shall not apply and no price variation shall be paid.

To reasons attributable to the Client including suspension ordered by the Client: In such cases, the Contractor shall be granted extension of time for a minimum period required to complete the remaining Work, to be estimated jointly by the Client and the Contractor. For such a period of time extension under this sub clause the provisions for liquidated damages shall not apply and price variation shall be paid.

The decision of the Client in deciding the minimum time period shall be final and binding on the Contractor.

#### DOCUMENTS TO BE ATTACHED WITH EACH RA BILL

##### Measurement Sheets:

Jointly Signed measurement sheets for the completed work should be attached and considered for the RA bill and the Final bill only after the signed checklists and the tests of the work is carries out then only measurements will be taken and approved.

##### Material Test Certificates:

Certificates for all materials used, including membranes, sealants, and primers should be attached with RA bill and the Total material list and the MTC with purchase details should be submitted with FINAL BILL.

##### Site Inspection Reports:

Inspection reports signed by the client’s representative should be kept and submitted along with RA Bills.

##### Third-Party Test Reports (if applicable):

For tensile strength, elongation, adhesion, etc., as required by the client should be submitted time to time as requested.

##### Photographs of Work Progress:

Before and after photographs of waterproofing application to be taken with location, date and time on the photographs should be mentioned compulsory. Without location date and time photos will not be considered.

##### Quality Control Checklist:

Signed checklist for each layer and stage of the waterproofing application should be checked and signed by the respective site in-charge.

##### Retention Account Details:

Statement of the retention amount being withheld.

#### QUALITY ACCEPTANCE CRITERIA:

All materials and workmanship must conform to the approved technical specifications and IS codes. A joint inspection will be conducted after completing each stage of waterproofing, and only approved work will be considered for billing. Work with visible defects or non-conformance will be rejected outright, and rework must be done at the contractor’s own expense.

#### DOCUMENTS TO BE SUBMITTED BY THE CONTRACTOR:

* 1. Company Registration Certificate verified by CA
  2. GST Registration Details verified by CA
  3. Work Completion Certificates of Similar Projects from client or by competent Technical Authority.
  4. Bank account details for the joint retention account.
  5. Proposed Work Schedule and Methodology duly signed by Competent Technical Authority.
  6. Manufacturer Authorization and Warranty Certificates for Waterproofing Materials.
  7. Performance and bank guarantee formats.
  8. Project schedule (submitted by the Contractor).
  9. Insurance policy copies.

#### GENERAL EXECUTION METHODS:

##### Surface Preparation:

All surfaces must be clean, smooth, and free of contaminants. Cracks must be repaired using epoxy or polymer-modified mortar. Uneven surfaces must be leveled with approved

screed material. Air blower should be used to remove all the dust from the surface before application of any chemical and starting the waterproofing work at all locations well when surface is dry.

##### Primer Application:

Apply a primer compatible with the waterproofing membrane using a brush, roller, or spray. Ensure uniform application and allow sufficient curing time for better quality as specified.

##### Waterproofing Application:

* + 1. **Liquid Membrane Systems:**

Apply the liquid waterproofing chemical as approved by the site in-charge or from the approved make list should be applied in layers using a brush or roller. Each layer must be cured before applying the next layer. Thickness of each layer should as per the defined methodology defined by the PMC and material manufacturer for the best results.

##### Sheet Membranes:

Installation of sheet membranes by rolling, aligning, and torching or adhering to the surfaces, as per the manufacturer's guidelines. Overlaps must be 50–100 mm minimum and air bubbles should be avoided and the overlapping surface should be free from foreign particles.

##### Injection Grouting (if applicable):

For water leakage areas, inject polyurethane or epoxy grout into the cracks to fill the cracks and gaps in the concrete structure with grout to stop leakages form the structure. Location for the Injection grouting will be approved and decided by the engineer in-charge as per the direction of the PMC/Client.

##### Testing During Execution:

Conduct on-site quality checks for adhesion, thickness, and coverage as per the QAP. Use of appropriate gauges will be compulsory to measure the thickness of applied coatings of liquid chemical membrane.

##### Protective Layer:

After curing the waterproofing layer, apply a protective screed or geotextile as specified to prevent mechanical damage will be compulsory. After completion of the curing period leakage test should be conducted as per the instructions and the requirements of the engineer in-charge of the PMC/Client.

##### Special Mode Of Apprantice:

If it is advised by Field expert or manufacturer, then special mode of execution shall be applied as advised. The cost for the same (It in addition) will have to be borne by contractor himself.

#### QUALITY ASSURANCE PLAN (QAP)

A comprehensive QAP must be prepared and submitted by the contractor, covering the following aspects:

##### Pre-Execution Tests:

* + 1. **Material Testing:**

Submit manufacturers’ test certificates for waterproofing materials before application and use of the material. Independent lab testing certificates for tensile strength,

elongation, and adhesion (IS 1346 or equivalent) is required. After approval of the engineer in-charge material will be allowed to use on the site with proper documentation like Material Inspection Report.

##### Surface Preparation Checks:

Ensure all defects (cracks, undulations) are rectified and substrates are clean. Moisture content of the substrate must be within acceptable limits (measured using a moisture meter). Before starting the work surface preparation checklist should be signed by the engineer in-charge.

##### During Execution Tests:

* + 1. **Thickness Measurement:**

Verify the thickness of the applied waterproofing system using calibrated gauges. Minimum required thickness must comply with the approved specifications as per mentioned in the manufacturer’s defined methodology.

##### Adhesion Testing:

Perform adhesion tests (peel or pull-off tests) on a sample area to ensure proper bonding.

##### Coverage Check:

Compare the material used with the theoretical coverage rate. Any deviation must be reported immediately and necessary revision must be done if required.

##### Leakage Testing:

Perform a water ponding test on horizontal surfaces for 48 hours. Flood test on terraces and balconies before applying the protective layer. For every area and the location leakage testing is compulsory and should be signed by the engineer in-charge for the approval of the work completion. After this only approval for the protective layer application will be given.

##### Post-Execution Tests:

* + 1. **Final Water Tightness Test:**

Conduct a hydrostatic pressure test on walls, basements, and tanks. Visual inspection and core sampling (if required) for uniformity.

##### Infrared Thermography (Optional):

Use infrared thermography to identify any voids, blisters, or inconsistencies in the waterproofing system.

After successful test completion with no leakages found then only measurements will be taken for the billing purpose. If there are any leakages found in the final post-execution test then all the method and the procedures should be checked and should be repeated if required at contractors own cost. After successful rectification of the leakages measurements will be taken for the billing.

#### TENDER QUOTE AMOUNT

|  |  |  |
| --- | --- | --- |
| **1** | Quoted Amount in Rs. | **/-** |
| **2** | In words Rs. | …………………………………………………………..…………........  …………………………………………………………..…………........ |
|  |
| **3** | Signature |  |
| **4** | Name |  |
| **5** | Name of Contracting Company |  |
| **7** | Company Address |  |
| **8** | Email ID |  |
| **9** | Mobile No. |  |
| **10** | PAN NO. |  |
| **11** | BANK ACCOUNT DETAILS   |  |  | | --- | --- | | NAME OF ACCOUNT HOLDER |  | | NAME OF BANK |  | | BRANCH |  | | ACCOUNT NO. |  | | IFSC CODE |  | | |

**Company Seal**

DATE :- / / 2025

PLACE :-

#### LIST OF ENCLOSURES

The tenderer is required to enclose the following Documents as part of his Tender.

1. Power of Attorney of the signatory to the Tender. / Authority letter.
2. Earnest Money Deposit.
3. In absence of the Income Tax Clearance Certificate Tenderer may not be awarded the work tendered for as per directive of Central Government.
4. Technical Presentation
5. Bar chart / MSP.

Signature of Tenderer(s) With the seal of the Firm.

# ANNEXURE-I

**Approved Make List**

1. Sealants : ZYCOSIL MAX, ZYCOBOND MAX
2. Liquid Bituminous : STARPROOF WF MB 602.
3. SBR Coating : SIKA/ FOSROC / MYK
4. PU Coating : SIKA, FOSROC, PAR Chemical
5. CEMENT : Ambuja/ ACC/ Ultratech
6. Repairing Mortar : SIKA/FOSROC/MYK

### GI MESH : TATA STEEL/JINDAL

1. Cement Grout : SIKA/ FOSROC / MYK
2. PU Grout : SIKA / FOSROC / MYK
3. Epoxy Grout : Mpai Kerapoxy/ MYK
4. Protection Coat : Eco-render.
5. Primer Paint : INDIGO OIL BASED
6. Silicon : Eurobond/Aludecor.
7. Glass : Saint Gobain/ MODI GUARD

# ANNEXURE-II

**BOQ ATTACHED HEREWITH SEPARATELY**