



**SHRI MATA VAISHNO DEVI SHRINE BOARD, KATRA
TENDER DOCUMENT**

FOR

**Construction of Staff Residential Quarters
at Bhairon Ji**

e-NIT No.: CO/Proj./171-I/1198 DATED: 01.12.2025

**LAST DATE FOR SUBMISSION OF E-TENDER: 15.12.2025
UPTO 3:00 PM**

Address: Central Office, Shri Mata Vaishno Devi Shrine Board, Katra (J&K) – 182301
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**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**

e-NIT No.: CO/Proj./171-I/1198

Dated: 01.12.2025

e-Tenders on prescribed format are invited on behalf of Shri Mata Vaishno Devi Shrine Board through Chief Executive Officer, SMVDSB, on percentage rate under two bids system, from reputed and experienced Firms / Contractors / Agencies registered with Govt. Organizations/ Semi Govt. Organizations and Public Sector Undertakings for the following work:

S. No	Description of work	Approx. cost of work (In Rs.)	Time of completion	Amount of EMD (In Rs.)
1	Construction of Staff Residential Quarters at Bhairon Ji as per BOQ at: Annexure-I (Civil) Annexure-II (Electric) Annexure-III (Plumbing) Annexure-IV (Drawings) Annexure-V (List of Preferred Makes for Civil Works and Electrical Works)	4,98,53,021/-	12 months	9,97,060/-

The e-NIT consisting of detailed Terms & Conditions, Eligibility Criteria and other details can be seen / downloaded from <http://jktenders.gov.in> and/or SMVDSB website www.maavaishnodevi.org

The Tender Fee of Rs.1000/- and the Earnest Money Deposit for the above-mentioned amount can be deposited in the official account of Shri Mata Vaishno Devi Shrine Board, Branch - **J&K Bank Katra, Account No. 0235040500001804, IFSC – JAKA0KATTRA** or it can be in the shape of Demand Draft (DD) payable at Katra or CDR/TDR/FDR drawn from any nationalized/scheduled bank pledged to FA/Chief Accounts Officer, Shri Mata Vaishno Devi Shrine Board, Katra. The bidder shall mention EMD details and UTR No. in the prescribed Technical Bid.

The complete bidding process will be done online on the e-Tender portal www.jktenders.gov.in. The tenders must be submitted strictly in accordance with the provisions of the detailed e-NIT. **No Proposal will be accepted through any other mode.**

Sd/-
(Dhruv Gupta), JKAS
Asstt. Chief Executive Officer

1. INSTRUCTIONS TO BIDDERS REGARDING E-TENDERING PROCESS

- i. The interested bidders can download the e-NIT/ bidding document from the website www.jktenders.gov.in /official website of SMVDSB www.maavaishnodevi.org.
- ii. To participate in the bidding process, bidders have to get (DSC) “Digital Signature Certificate” as per information Technology Act-2000. This certificate will be required for digitally signing the bid.
- iii. The Bidders, who already possess valid (DSC) Digital Signature Certificate, need not procure a new Digital Signature Certificate.
- iv. The Technical Bids shall be opened online as per the scheduled date & time mentioned in the e-NIT document.
- v. Financial Bids of technically qualified bidders shall be opened online, date and time for which shall be communicated to them separately.
- vi. The rates quoted shall be inclusive of carriages.
- vii. The bidders have to submit their bids online in electronic format with Digital Signature. The bids cannot be uploaded without Digital Signature. No Proposal will be accepted in physical form.
- viii. Bidders are advised to conduct site visit prior to the submission of bids.
- ix. Before submission of online bids, bidders must ensure that scanned copies of all the necessary documents as mentioned in the e-NIT have been attached with the bid. However, the original Demand Drafts and EMDs shall reach Central Office, SMVDSB, Katra before the bid opening date.
- x. Bidders are advised to use “My Documents” area in their user on <http://jktenders.gov.in>, e-tendering portal to store important documents like Balance sheet, GST Registration Certificate, IT certificate and other related documents etc., and attach these certificates as non-statutory documents while submitting their bids.
- xi. Bidders are advised not to make any change in BOQ (Bill of Quantities) contents or its name. In no case, they should attempt to create a similar BOQ of their own manually. The BOQ downloaded should be used for filling the item rate as prescribed and it should be saved with the same contents.
- xii. Bidders are advised to scan their documents at 100 DPI (Dots per Inch) resolutions with Black and White, PDF / Scan properly.
- xiii. The Bidders should carefully study the e-NIT document and prepare their tender with consideration of all provisions of the document. They should fully acquaint themselves **with site conditions** and all other factors which may influence the preparation of his tender.

2. TENDER SCHEDULE:

i. The e-NIT Schedule is as under:

Publishing Date	:	01.12.2025 at 5:00 PM
Download Start Date	:	01.12.2025 at 5:00 PM
Bid Submission Start Date	:	01.12.2025 at 5:00 PM
Pre-Bid Meeting & Venue	:	05.12.2025 at 11:30 AM at Central Office, Katra Note: The meeting is intended to clarify the queries of bidders and hence only prospective bidders are informed to attend the meeting and not the manufacturers/ vendors.
Bid Submission End Date (online)	:	15.12.2025 at 3:00 PM
Date of Opening of Technical Bid (online)	:	16.12.2025 at 3:00 PM
Date of Opening of Financial Bid (online)	:	To be intimated to the technically qualified bidders

- ii. In case of holiday, the bids will be opened on the next working day. Further, the price bids of only those bidders shall be opened who qualify the Technical Eligibility Criteria after scrutiny of the documents in Technical Bid, which shall be notified separately.
- iii. SMVDSB, will not be responsible for any delay in online submission of the bid due to any reason (Technical or otherwise).
- iv. Bidders must ensure to upload scanned copies of all necessary documents as mentioned in the e-NIT.
- v. The bidders need not to submit hard copies of the uploaded documents at Central Office, SMVDSB, Katra, which shall only be obtained from the bidder who is declared as the lowest after the opening of the Financial Bids. **However, the original Demand Drafts and EMDs shall reach Central Office, SMVDSB, Katra within a week's time from the last date of bids submission.**

3. TECHNICAL ELIGIBILITY CRITERIA

- i. The Average Annual Financial Turnover of the Bidder during the last 03 consecutive Financial Years (2022-23, 2023-24 & 2024-25), ending 31st March of the previous financial year should be at least **Rs.5.00 crore** per year.
- ii. The Bidder must have experience of having successfully completed similar nature of works with Govt. or Semi-Govt. Departments / Govt. PSU's / Autonomous Bodies, during last 03 years ending 31st March of the financial year previous to the one in which the tenders are invited. He should have successfully completed either of the following:

03 similar completed works each costing not less than **40%** of the estimated cost.

or

02 similar completed works each costing not less than **50%** of the estimated cost.

or

01 similar completed work costing not less than **80%** of the estimated cost.

(Certificate to this effect to be issued by an officer, not below the rank of Executive Engineer or equivalent).

4. SUBMISSION OF TENDERS:

The tenderers are required to submit their tender under 2 bids system with Cover-I (Technical Bid Qualification) and Cover-II (Price Bid).

a. Cover-I (Technical Bid Qualification): This cover shall contain scanned copies of the following:

- i.** Proof of Tender fee and EMD deposited with the SMVDSB.
- ii.** Copies of original documents defining the constitution or legal status, place of registration and principal place of business.
- iii.** Financial Turnover Certificate, year-wise, for the last three Financial Years i.e. 2022-23 to 2024-25.
- iv.** Work Completion Certificates along with Letter of Awards of having executed and completed successfully works of similar nature as defined under **Clause 3** of the Technical Eligibility Criteria, in any Govt. or Semi- Govt. Departments / Govt. PSU's / Autonomous Bodies during the last three years, duly issued by an officer, not below the rank of Executive Engineer or equivalent.
- v.** Copy of PAN Card and GST registration certificate.
- vi.** Reports on the financial standing of the bidder such as profit and loss statement, balance sheet for the last three Financial Years i.e. 2022-23 to 2024-25, duly certified by Chartered Accountant and supported with ITRs of the last three Financial Years.
- vii.** Bidder shall furnish proof of the latest returns in GST-3/GSTR-3B.
- viii.** Signed and Stamped copy of Tender document (all pages) in respect of acceptance of all terms and conditions of e-NIT.

Note: Original documents if required to be verified, the same shall have to be facilitated by the bidder.

b. Cover II (Price Bids):

- i. Price bid shall contain price quoted as per BOQ & is to be submitted online in the form of BOQ only as per **Annexure-I, Annexure-II, Annexure-III & Annexure-IV**.
- ii. Price Bids shall be opened of only those tenderers who have qualified the Technical Eligibility Criteria.
- iii. The price bid should be absolute and unconditional.

5. BILL OF QUANTITIES

- i. The Bill of quantities is enclosed as **Annexure-I, Annexure-II, Annexure-III & Annexure-IV**.
- ii. The quantities given in the Bill of quantities are tentative and provisional, and are given to provide a common basis for bidding. The basis of payment shall be as per the actual quantities of work ordered and executed, as measured and verified by the Engineer In-charge, SMVDSB and valued at the rates in the bill of quantities.
- iii. The advertised quantities of individual items may increase or decrease upto **15%** for which the bidder shall have to execute the extra quantities over the advertised quantities at the same rates. For the items executed lesser than the advertised quantities, actual payment of work executed shall be made.
- iv. SMVDSB, reserves the right to delete, add/modify any item of work during the operation of the work. The contractor shall have no claim on account of any such act.
- v. The Contractor shall be bound to execute extra items of works as directed by the Engineer In-Charge, SMVDSB.
- vi. The rates and prices in the bill of quantities shall, except as otherwise provided under the Contract, include all required equipment's, labour, sundries, T&P, supervision, erection, maintenance during execution, insurance, profit, taxes and duties, packing and forwarding, loading and unloading, head Loads, together with all general risks, liabilities, and obligations set out or implied in the contract including the cost of remedying defects.
- vii. The cost of temporary works, if any like dewatering and drainage arrangements, establishment and maintenance of contractor's office and stores, watch and ward of site including workshop and stores, implementation of all safety procedures. Implementation of Environment related issues etc. shall be part of work and shall not be paid extra.
- viii. The method of measurement of completed work for payment shall be accorded with relevant BIS specifications and ISI / NBO code practice.

6. SPECIAL CONDITIONS

i. **BIDDING CAPACITY:**

The bidding capacity of the bidder should be equal to or more than the estimated cost of the work put to tender. The bidding capacity shall be worked out by the following formula Bidding capacity = $[A \times N \times 2] - B$ Where,

A = Maximum turnover in construction works executed in any one year during the last 05 years ending on 31.03.2025, taking into account the completed as well as works in progress. The value of turnover in particular year previous to last year shall be brought to current costing level by enhancing at a simple rate of 7% per annum.

N = Number of years prescribed for completion of work for which pre-qualification bid has been invited.

B = Value of existing commitments and ongoing works to be completed during the period of completion of work for which tenders have been invited.

Note: The bidder shall submit the calculation sheet of tendering capacity as per above formula along with Bid documents and also submit an undertaking that all works in progress or awarded to him have been included in the list submitted by him in the Form C & C1 and no ongoing work has been left out. In case it is found that bidder has concealed any information, suitable legal as well as criminal action shall be taken against bidder for concealing such information.

- ii. **Variations:** The advertised quantities are tentative, may increase or decrease upto 50% for which the contractor has to execute the additional quantities (if any) on the allotted rates and nothing extra shall be paid for the same. However, the variation beyond 10% of the allotted amount shall have to be got approved by the Competent Authority.
- iii. **Extra Item:** If some items found necessary at site but not advertised in the B.O.Q. shall be paid as per the Schedule of Rates (SOR) of JKSSR 2022. The items of work not included in JKSSR 2022 and required to be executed shall be paid as per market rate duly analyzed by the committee headed by Engineer-in-Charge.
- iv. **Tools & Plants (T&P)** required for the work shall be arranged by the contractor/bidder.
- v. The Shuttering material required for the work shall be in the scope of the contractor/bidder.
- vi. Uploaded drawings are tender drawings only. All the detailed working drawings including structural designing, electrical and plumbing drawings shall be provided by Shrine Board.

7. CORRECTION OF ERRORS

- i. If there be a discrepancy between the unit price and the total price that is obtained by multiplying the unit price & quantity, the unit price shall prevail and total price shall be corrected.
- ii. If there be a discrepancy in figure and word the total amount stated in word shall prevail.

8. BID SUBMISSION / WITHDRAWAL

- i. Bids shall be submitted online within the stipulated deadline. SMVDSB, may at its discretion, extend the deadline of bid submission by issuing an amendment. In that case all rights and obligations of SMVDSB, and the bidders previously subject to the original deadline shall thereafter be subject to the new deadline as extended.
- ii. No bid shall be withdrawn by any of the participating tenderers. Withdrawal of bid after its submission shall result into forfeiture of EMD.

9. BIDDER'S SITE VISIT

- i. The bidder shall be required to visit and examine the site and its surroundings and obtain all information that may be necessary for preparing the bid. Such site visit shall be at the bidder's own expense, risk and responsibility. Lack of knowledge of site /site conditions/working conditions shall not be considered as a reason whatsoever it may be. SMVDSB, shall however, facilitate such visits to the extent possible on written requests of prospective bidders.
- ii. The tenderer should obtain certificate of site visit from concerned AEE/JE and then quote his rates.

10. COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of his bid and SMVDSB in no case shall be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.

11. GENERAL CONDITIONS

- i. Tender without copy of requisite tender fee and in deficient of any conditions of e-NIT or submitted incomplete in any respect is liable to be rejected.
- ii. Conditional Tenders shall not be accepted and shall be outrightly rejected.
- iii. The Tender Fee is non-refundable.
- iv. Each Bidder shall have to submit only one Tender, submission of any additional Tender shall invite disqualification.
- v. The Tender offer shall be valid for **90 days** from the last day of receiving of the tender. However, prior to expiry of the original Validity Period, SMVDSB may, on the merit of case, request for extension of validity of the offer for a further period of maximum **30 (thirty) days** without any change in terms & conditions of the offer.

- vi. Even though any Bidder may satisfy the requirements of e-NIT, he/she would be liable for disqualification on grounds of submitting misleading / false information or deliberately suppressing the information in the forms, statement and enclosures in the Eligibility Criteria document and have record of poor performance such as abandoning work, leaving Contract incomplete or financial failures / weaknesses etc.
- vii. If any information furnished by the contractor is found incorrect at any stage, Contract shall be terminated and further penal action shall be initiated, e.g. forfeiture of EMD / Performance Security / Security Deposit and debarring for period of three years for participating in SMVDSB tender process.
- viii. The contract as a whole or part thereof is Non-Transferable.
- ix. SMVDSB reserves the right to instruct the bidders to submit hard copy of any relevant document (and to produce the original documents for verification) during scrutiny & evaluation of bids. Bidders' failure to comply to such instruction may lead to rejection of bid.
- x. The Bidder shall comply with all the statutory provisions as laid down under various Laws/Act/Rules like Employees Provident Fund, ESI and other Laws/Acts/Rules in force from time to time.
- xi. The contractor/bidder shall be under obligation to comply with all statutory / labour laws / regulations in vogue.
- xii. The contractor/bidder shall have to execute the job under strict supervision and to the best satisfaction of Engineer In-charge, SMVDSB.
- xiii. SMVDSB reserves the right to accept or reject the bid, wholly or partly, or to split the work in parts and to add/delete any of the items, without assigning any reason whatsoever.
- xiv. In case of any dispute or clarification in Tender, the decision of the Chief Executive Officer, SMVDSB shall be final & binding upon the Bidder.

12. EARNEST MONEY DEPOSIT (EMD) / BID SECURITY

- i. The bidders shall have to deposit the requisite earnest money amounting to **Rs.9,97,060/-**, in the official account of Shri Mata Vaishno Devi Shrine Board, Branch - **J&K Bank Katra, Account No. 0235040500001804, IFSC – JAKA0KATTRA** or it can be in the shape of CDR/TDR/FDR drawn from any nationalized/scheduled bank pledged to FA/Chief Accounts Officer, SMVDSB, Katra.
- ii. Bid securities of the unsuccessful bidders shall be returned/released at the earliest after the expiry of the final bid validity period and latest by the **30th day** after the award of the contract to the successful bidder. Bid security shall be refunded to the successful bidder on receipt of performance security.
- iii. The Earnest Money Deposit (EMD) of the successful bidder shall be released on deposit of performance security.
- iv. A bidder's EMD will be forfeited if the bidder:
 - a. Withdraws or amends his tender;
 - b. Impairs or derogates from the tender in any respect within the period of the validity of the tender;

- c. If the bidder does not accept the correction of his bid price during evaluation and;
- d. If the tenderer fails to furnish the required performance security within the specified period.

13. ALLOTMENT OF WORK

After scrutiny and evaluation of Financial Bids, the Contract will be awarded to the Lowest Bidder and the successful bidder shall have to enter into an Agreement with the Shrine Board within a period of **14 days** from the date of award of the Contract.

14. PERFORMANCE SECURITY

- i. The successful Bidder shall furnish performance security equivalent to **05% (five percent)** of the total value of the Contract, in the form of Bank Guarantee from any Nationalized / Scheduled Bank pledged to the FA/Chief Accounts Officer, SMVDSB, Katra within a period of **07 Days** from the issuance of Letter of Award. Failure to do so within the stipulated period, the contract shall be liable for cancellation together with forfeiture of the Earnest Money Deposit (EMD).
- ii. The performance security shall be released on completion of Defect Liability Period on certification of Engineer In-charge, SMVDSB.

15. SECURITY DEPOSIT

- i. The Security Deposit equivalent to 05% shall be deducted from each running account bill and the same shall be released as below:
 - a) 40% after completion of 1st year of DLP.
 - b) 30% after completion of 2nd year of DLP.
 - c) Balance 30% after completion of defect liability period of 3 years.
- ii. If the Contract price increases more than 10% of original contract value due to any reason, the contractor shall be under obligation to deposit the proportionately security amount within one weeks' time, falling which same shall be deducted from the bills raised by Contractor and kept as a security.

16. CONSTRUCTION PROGRAMME

The contractor/bidder shall submit a detailed construction/execution programme to the Engineer-In-charge, SMVDSB within **07 days** after the date of issuance of LOA. The contractor/bidder shall also be required to submit a revised programme whenever the previous programme is inconsistent with actual progress explaining therein the reasons for the occurred delay.

17. MATERIALS

- i. The list of preferred makes of materials for the work is enclosed at **Annexure-C**.
- ii. The material not mentioned in the list and to be used for the work shall have to be approved by the Engineer-In-charge before using it at the site by the contractor.
- iii. The material to be used for the work shall have to be approved by the Engineer-in-charge before using it at the site by the contractor.

18. TIME OF COMPLETION

The time of completion of the work in all respect shall be **12 months** reckoned from **14th day** from the date of issuance of letter of award.

19. INCENTIVES

The work shall be completed within the prescribed time frame as per **Clause 18** of the e-NIT. If the contractor advances the completion of entire work before the scheduled completion date, the Shrine Board may consider incentives in favour of the contractor in the following manner:

S.No.	Timeframe	Incentive
(i)	Saving atleast one week from the allowed time frame	@ 0.25% of the Contract Value
(ii)	Saving of two weeks or more	@ 0.50 % of the Contract Value

No incentive shall be payable in case of delay beyond the scheduled completion date irrespective of the reasons for such delay. The incentive clause shall be operated by considering the original time schedule and not on extended time due to any reason, whatsoever. The Shrine Boards decision on the applicability of the incentive will be final and binding on the contractor.

20. EXTENSION OF TIME FOR COMPLETION

The contractor / bidder shall be entitled to an extension of time for completion if the work is delayed by any of the following causes:

- i. A substantial increase in the quantity/quantities of work i.e more than 15% has taken place.
- ii. Additional items beyond the scope of work have been asked for execution.
- iii. A cause of delay attributable to Shrine Board.

If the contractor/bidder considers himself to be entitled to an extension of time for completion, the contractor shall within 15 days of the happening of that event, apply for the same to Engineer-In-Charge for determining such extension of time for approval from the competent authority. The request made after this period shall not be entertained for consideration of any such request for time extension. Time lost due to Monsoon rains / winter rains shall not be considered for granting any time extension.

21. RATE OF PROGRESS

If at any time the progress of work is slow or the progress has fallen behind the timeline fixed, the contractor/bidder shall have to adopt measures like increase in labour or contractor's/bidder's personnel/resources. The contractor/bidder shall not be entitled to claim any extra incurred cost on account of acceleration of work due to such measures. If the contractor fails to accelerate the progress, then the Engineer In-charge shall be entitled to increase resources from his end at the risk and cost of the contractor/bidder to accelerate the progress of works after serving a notice to the contractor.

22. PROGRESS REPORTS

The Contractor / Bidder shall submit a weekly progress report to the Engineer In-charge in three copies. The first report shall cover the period up to the end of first calendar month following the commencement date. Reports shall be submitted on weekly basis thereafter, each within 7 days after the last day of the period to which it relates. The progress reports shall be accompanied with colour photographs in both soft and hard copies.

23. SUSPENSION OF WORK

The contractor/bidder shall not suspend work on his own unless otherwise directed by the Engineer-In-Charge in writing.

24. TERMS OF PAYMENT

With a view to ensure expeditious completion of the work, the contractor/bidder shall be released part payment as under:

- i. Payment shall be made on running A/c bills for completed items after joint measurement of the work done (to be carried out by the contractor/bidder and the Engineer-In-charge).
- ii. Final payment shall be done after successful completion of the work in all respects and to the entire satisfaction of the Engineer-In-charge and its due handing over to the SMVDSB.

25. PENALTY FOR DELAYS

- i. If the contractor/bidder fails to complete the work within the specified time of completion, the penalty shall be imposed @0.5% (half percent) per week of the contract value subject to the maximum of 10% of the contract value shall be levied.
- ii. In case, the contractor/bidder fails to complete the work even after delaying the work beyond one week from the stipulated date of completion, Shrine Board reserves the right to get the remaining work executed at the risk and cost of the contractor/bidder. In addition, penal action in the shape of forfeiting of Performance Security, Security Deposit shall be taken against the contractor.

26. EMPLOYER'S TAKING OVER OF THE WORK

The Engineer In-Charge, SMVDSB shall, within 15 days after receiving the Contractor's / Bidder's application shall issue the taking over certificate to the contractor / bidder stating the date on which the works have been completed and defects, if any rectified. In case, the Engineer-In-Charge is not satisfied with the completion then he will reject the application giving reasons and specifying the work required to be redone by the contractor / bidder to enable the taking over certificate to be issued. The contractor / bidder shall then complete this work before issuing a further notice. No part taking over of the works shall be allowed.

27. DEFECT LIABILITY PERIOD

The contractor / bidder shall be fully responsible for all the defects in respect of executed work for quality and workmanship for a period of **03 years** from the date of completion of work. Any defect occurring in the work due to poor quality or workmanship during defect liability period shall be rectified / replaced by the contractor / bidder at its own cost. In case of his failure to do so within specified time frame, the SMVDSB, shall be at liberty to take up the rectification work at the risk and cost of the contractor / bidder and recover the cost on account of rectification from amount due to the contractor and in the shape of Security Deposit / Performance Security and balance payment due to the contractor / bidder.

28. TAXES, DUTIES AND OTHER LEVIES

- i. The contractor / bidder shall be solely responsible for the taxes that may be levied on the contractor/contractor's / bidder's persons or on earnings of any of his office employee. The SMVDSB, does not take any responsibility what-so-ever regarding taxes under Income Tax Act, for the contractor / bidder or his personnel. However as per the provisions of Income Tax Act, deduction of Income Tax for the executed work, at source shall be made by SMVDSB.
- ii. All other duties / levies payable by the bidder shall be included in the bid price and no claim on this behalf will be entertained by SMVDSB.
- iii. The price quoted in the BOQ shall be inclusive of GST.

29. CONTRACTOR'S OPERATION AT SITE

The Contractor / bidder shall be responsible for keeping unauthorized persons off site. The contractor / bidder shall confine his operations to the site. During the execution of work, the contractor / bidder shall keep the site free from all unnecessary obstruction and shall clear away and remove from the site any scrap, wreckage, rubbish and temporary works which are no longer required.

30. REMEDIAL WORK

Notwithstanding any previous test or certification, the Engineer In-charge may instruct the contractor to:

- (a) Remove from site and replace any material which is not found as per specifications.
- (b) Remove and re-execute any work which is found defective and is not in accordance with the contract.
- (c) Execute any work which is urgently required for the safety of the works, whether because of an accident, unforeseen event or otherwise.

If the contractor / bidder fails to comply with the instruction within the reasonable time specified in the instructions, the Engineer In-charge, SMVDSB shall be entitled to employ and pay other persons to carry out the work and recover the cost from the contractor / bidder.

31. FOSSILS

All fossils, coins, articles of value or items of archaeological interest found on site during excavation or otherwise shall be handed over to the Engineer-in-charge. It shall become the property of the owner.

32. QUALITY ASSURANCE /TESTING OF MATERIALS AND WORKS

The Contractor / bidder shall institute a quality assurance system to demonstrate compliance with the requirements of the contract.

Details of all procedures and compliance documents shall be submitted to the Engineer In-charge before each work commencement stage commences.

This clause shall also apply to all tests required to be done periodically or otherwise on materials and works. The contractor / bidder shall provide all assistance viz. Men and Material, consumables etc. to the Engineer-In-charge or his representatives to carry out the tests efficiently. **The testing of materials shall be done in the Site Laboratory set up by Shrine Board at SMVDIME, Kakryal. The tests for which the facility is not available in the site laboratory shall be got done by outsourcing the tests from any laboratories of repute suggested by the Engineer-In-charge. All such tests shall be done at contractor's expense.**

33. ELECTRICITY & WATER

Electricity and water for the work shall be in the Scope of contractor / bidder. Further distribution shall be done by contractor / bidder at his own expenses and the cost of same shall be deemed to have been included in the rates. Electricity/Water for labour camp shall be arranged by contractor / bidder at his own expenses.

34. LABOUR

The contractor / bidder shall make his own arrangements for the engagement of all staff and labour, local or other, and make necessary arrangement for housing, feeding and transport at his own.

35. INDEMNITY

The contractor / bidder shall keep indemnified Shri Mata Vaishno Devi Shrine Board against all the losses, claims, injuries or damages to any persons or property which may arise out of or in consequences of this contract at its own cost.

36. CLEARANCE OF SITE

The contractor / bidder shall clear the site of the contractor's equipment, surplus material, wreckage, rubbish and temporary works from the site except that required to remedy notified defects, if any. In case the contractor / bidder fails to clear the site, the Engineer-In-Charge, SMVDSB shall remove those items from site of work at the risk and cost of the contractor / bidder.

37. CANCELLATION / TERMINATION OF THE CONTRACT IN FULL OR IN PART:

a. If the contractor / bidder: -

- i. at any time makes default in proceeding with the works without due diligence and continues to do so even **7 days** after a notice in writing from the Engineer-In-Charge, SMVDSB; or
- ii. commits defaults in complying with any of the terms and conditions of the contract and does not remedy it within **7 days** after a notice in writing is given to him in that behalf by the Engineer-In-Charge, SMVDSB; or
- iii. fails to complete the works or any part of the work on or before the date of completion and does not complete them within the period specified in notice given in writing in that behalf by the Engineer-In-Charge, SMVDSB; or
- iv. has obtained contract with the Shrine Board as a result of ring tendering or other non- bonafide methods of competitive tendering;

the Shrine Board shall outrightly cancel the contract by a written order to the contractor / bidder. In the event of cancellation, the contractors EMD / Performance Security / Security Deposit shall be forfeited.

b. The Shrine Board shall on such cancellation have powers to:

- i. If the work is not completed even after **7 days** after due date of completion, the Contract shall be terminated and work shall be executed as per the discretion of the Board including the option of offering the work to any other firm or inviting fresh tenders at the risk and cost of the Contractor / bidder with the penal cost to an extent of 20% cost of the unfinished works. The liquidated damages and penalty imposed shall be adjusted against this amount and balance, if any, shall be recovered from other dues (work done or deposit) of the contractor / bidder.
- ii. Take possession of the site and any materials, machinery, implements,

stores, etc. thereon, and make out a list of such material in presence of the representative of the contractor / bidder who shall have to be present on one day notice and in case of non-compliance of the notice, measurements taken by the Shrine Board representative shall be considered as final and contractor / bidder will have no claim of any sort regarding this.

- iii. Carry out the incomplete work by any means at the risks and cost of the contractor / bidder.
- iv. On cancellation of the contract in full or in part, the Engineer-In-Charge, SMVDSB shall determine what amount, if any, is recoverable from the contractor /bidder for completion of the works or in case the works or part of the works not to be completed, the loss or damage suffered by Shrine Board. In determining this amount, credit shall be given to the contractor / bidder for the value of the work executed by him up to the time of cancellation, the value of the contractor's / bidder's materials taken over and incorporated in the work, and use of machinery belonging to the contractor/bidder.
- v. Any excess expenditure incurred or to be incurred by the Shrine Board in completing the works or part of the works or the excess loss or damage suffered or may be suffered by the Shrine Board as aforesaid after allowing such credit shall be recovered from any amount due to the contractor / bidder on any account including forfeiting of Performance Security / Security Deposit and if such amount is not sufficient, the contractor / bidder shall be called upon in writing to pay the same, within 30 days of the notice given to that effect by the 'Engineer-In-Charge'.
- vi. If the contractor / bidder fails to pay the required sum within the aforesaid period of 30 days, the Shrine Board shall have the right to sell any or all of the contractor's / bidder's unused materials, machinery, implements, etc. and use the proceeds of sale thereof towards the satisfaction of any sums due from the contractor / bidder under the contract and in accordance with the provisions thereof.
- vii. Any sums in excess of the amounts due to the Shrine Board and unsold materials constructional plant, etc. shall be returned to the contractor / bidder, provided always that if cost or anticipated cost of completion by the Shrine Board, of the works is less than the amount which the contractor would have been paid had he completed the works, such benefit shall not accrue to the contractor.

38. FORECLOSURE OF THE CONTRACT

Foreclosure in full or in part due to abandonment or reduction in scope of work:

- i. If at any time after acceptance of the tender, Shrine Board decides to abandon or reduce the scope of the works for any reason whatsoever and hence not require the whole or any part of the works given to be carried out, the Engineer-In-Charge shall give notice in writing to that effect to the contractor / bidder and the contractor / bidder shall have no claim to any payment of compensation or otherwise whatsoever, on account of any profit or advantage

which he might have derived from the execution of the works in full, but which he did not derive in consequence of the foreclosure of the whole or part of the works.

- ii. The contractor / bidder shall be paid at contract rates full amounts for works executed at site duly certified by the Engineer-In-Charge.

39. FORCE MAJEURE

If during the currency of contract, there is any outbreak of war, fire, major floods, earthquake, riots (other than among the contractor's employees) and similar other causes which whether financially or otherwise affects the execution of the Contract; the contractor / bidder unless contract is terminated under provision of this clause shall make his / her best efforts to complete the contract. However, after the outbreak of such war, Shri Mata Vaishno Devi Shrine Board shall be entitled to terminate the contract at any time by giving notice in writing. Force Majeure is hereby defined as a clause which is beyond the control of SMVDSB / contractor / bidder and which consequently affects the performance of the contract.

40. ARBITRATION

In case of any dispute arising between the parties to this e-tender and all matters connected therewith, both parties shall make every effort to resolve it amicably by direct informal negotiation. If even after thirty days from the commencement of informal negotiation, the parties have not been able to resolve the dispute amicably, then such disputes / differences shall be resolved by Arbitration as per the Arbitration and Conciliation Act, 1996.

1. Either party may request other of its intention that a dispute be submitted to Arbitration and both the parties shall meet with 15 days from the date of receipt of such request to select a sole arbitrator mutually for the resolution of dispute and venue / seat or Arbitration shall be at Jammu / Katra / Reasi.

2. In the event that the parties cannot agree upon the selection of the sole Arbitrator, either party or both the parties may move an application before the Hon'ble High Court at Jammu, under the Arbitration and Conciliation Act, 1996, for the appointment of sole Arbitration with seat / venue at Jammu for the resolution of dispute between the parties.

41. ASSIGNMENT

The contractor / successful Bidder shall not sublet the contract or any part thereof without the prior written consent of the Competent Authority of Shrine Board.

42. JURISDICTION

The Courts at Katra / Reasi alone shall have the jurisdiction with respect to the subject matter of the Contract.

Sd/-

(Dhruv Gupta), JKAS
Asstt. Chief Executive Officer

No: CO/Proj./171-II/1198

Dated: 01.12.2025



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**

**Bill of Quantities (Civil Works)
(Annexure-I)**

Sub: Construction of Staff Residential Quarters & Retaining Wall Structure at SMVDSB Bhawan (Katra)

S. No	Description	Unit	Total Qty	Rate	Amount
1.1	Earth work in excavation by mechanical means (hydraulic excavator) in trenches for foundations, drains, pipes, cables etc. (not exceeding 1.5 m in width) and for shafts, wells, cesspits and the like not exceeding 10 sqm on plan, including dressing of sides and ramming of bottoms lift upto 1.5 m, including getting out excavated earth and disposal of surplus excavated earth as directed, within a lead of 50 metres:				
1.1.1	All kinds of soil	Cum	399.55	256.85	₹ 1,02,624.42
1.1.2	Ordinary rock	Cum	754.11	493.5	₹ 3,72,153.29
1.1.3	Hard rock (blasting prohibited)	Cum	754.11	1196.05	₹ 9,01,953.27
1.2	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20 cm in depth, consolidating each deposited layer by ramming and watering, lead upto 50 m and lift upto 1.5 m.	Cum	1026	218.4	₹ 2,24,078.40
1.3	Extra for every additional lift of 1.5 m or part thereof in excavation/banking excavated or stacked material				
1.3.1	All kinds of soil	Cum	456.51	89.75	₹ 40,971.77
1.3.2	Ordinary & Hard rock (blasting prohibited)	Cum	456.51	161	₹ 73,498.11
1.4	Supplying and filling in plinth with fine sand under floors including, watering, ramming, consolidating and dressing complete.	Cum	180	1204.5	₹ 2,16,810.00
1.5	Supplying chemical emulsion in sealed containers including delivery as specified. Chlorophriphos/Lindane emulsifiable concentrate of 20%	litre	383.83	200.7	₹ 77,034.68
1.6	Removal of unhygienic materials (so classified by the site engineer) from designated sites and its disposal as per directions, all inclusive.	Cum	457.64	189.2	₹ 86,585.49
1.7	Diluting and injecting chemical emulsion for POST-CONSTRUCTIONAL anti-termite treatment (excluding the cost of chemical emulsion):				
1.7.1	Treatment of soil under existing floors using chemical emulsion (Chlorophriphos/Lindane E.C. 20% with 1% concentration) @ one litre per hole, 300mm apart including drilling 12 mm diameter holes and plugging with cement mortar 1:2 (1 cement :2 coarse sand) to match the existing floor:	Sqm	445.75	232.3	₹ 1,03,547.73

2.1	Providing and laying in position cement concrete of specified grade including curing but excluding the cost of centring and shuttering. All work upto plinth level with:				
2.1.1	1:4:8 (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size)	Cum	81.1	5202.9	₹ 4,21,955.19
2.2	Making plinth protection 50mm thick of cement concrete 1:3:6 (1 cement: 3 coarse sand (zone- III) derived from natural sources: 6 graded stone aggregate 20 mm nominal size derived from natural sources) over 75mm thick bed of dry brick ballast 40 mm nominal size, well rammed and consolidated and grouted with fine sand, including necessary excavation, levelling & dressing & finishing the top smooth.	Sqm	63.02	572.8	₹ 36,097.86
2.3	Providing and laying damp-proof Course 50 mm thick with cement concrete 1:2:4 (1 cement:2 coarse sand: 4 graded stone aggregate 20 mm nominal size) and curing complete	Sqm	74.12	416.5	₹ 30,870.98
2.4	Applying a coat of residual petroleum bitumen of grade VG-10 of approved quality using 1.7 kg per square meter on damp proof courses after cleaning the surface with brushes and finally with a piece of cloth lightly soaked in kerosene oil.	Sqm	74.12	183.2	₹ 13,578.78
3.1	Centring and shuttering including strutting, propping etc. and removal of form for				
3.1.1	Foundations, footings, bases of columns, etc. for mass concrete	Sqm	211.58	286.35	₹ 60,585.93
3.1.2	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc.	Sqm	64.2	628.95	₹ 40,378.59
3.1.3	Suspended floors, roofs, landings, balconies and access platform	Sqm	808.48	718.2	₹ 5,80,650.34
3.1.4	Shelves (Cast in situ)	Sqm	26.08	718.2	₹ 18,730.66
3.1.5	Lintels, beams, plinth beams, girders, buttresses and cantilevers	Sqm	1378.53	577.55	₹ 7,96,170.00
3.1.6	Columns, Pillars, Piers, Abutments, Posts and Struts	Sqm	741.02	748.55	₹ 5,54,690.52
3.1.7	Stairs, (excluding landings) except spiral-staircases	Sqm	25.5	851.15	₹ 21,704.33
3.1.8	Edges of slabs and breaks in floors and walls		0		
3.1.8.1	Under 20 cm wide	Rmt	187.91	262.2	₹ 49,270.00
3.2	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.				
3.2.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	56450	123.2	₹ 69,54,640.00
3.3	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete above plinth level.				
3.3.1	Thermo-Mechanically Treated bars of grade Fe-500D or more.	Kg	35500	123.2	₹ 43,73,600.00
3.4	Providing and laying in position specified grade of reinforced cement concrete including curing but excluding the cost fo centering, shuttering, finishing and reinforcement. All works upto plinth level				
3.4.1	1:11/2:3 (1 cement : 1 1/2 coarse sand : 3 graded stone aggregate 20mm nominal size)	Cum	484.27	7788.4	₹ 37,71,688.47

3.4.2	Reinforced cement concrete work in beams, suspended floors, roofs having slope upto 15 degree, landing, balconies, shelves, chajjas, lintels, bends, plain window sills, stair case, spiral stair case upto five level including curing but excluding the cost of centering shuttering finishing and reinforcement with 1:1.5:3	Cum	209.34	9821.85	₹ 20,56,106.08
	Brick work with common burnt clay F.P.S (Non modulars) bricks of class designation 7.5 in foundation and plinth in (cement mortar 1:6)	Cum	182.76	7571.55	₹ 13,83,776.48
	Extra for brick work common burnt clay bricks/ cement concrete bricks in surperstructure above plinth level upto floor five level.	Cum	178.6	1455.65	₹ 2,59,979.09
4.3	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level.				
4.3.1	Cement mortar 1:4 (1 cement :4 coarse sand)	Sqm.	806.85	947.25	₹ 7,64,288.66
4.4	Extra for providing and placing in position 2 Nos 6mm dia. M.S. bars at every third course of half brick masonry.	Sqm	806.85	126.55	₹ 1,02,106.87
5.1	Random Rubble masonry with hard stone in foundation and plinth including leveling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) upto plinth level and curing complete with :				
5.1.1	Cement mortar 1:6 (1 Cement : 6 coarse sand) Quarry Stone	Cum	200	7677.35	₹ 15,35,470.00
5.2	Random Rubble masonry with hard stone in superstructure above plinth level and upto floor five level, including levelling up with cement concrete 1:6:12 (1 Cement : 6 coarse sand : 12 graded stone aggregate 20mm nominal size) and curing complete at window sills, ceiling level and the like:				
5.2.1	Cement mortar 1:6 (1 Cement : 6 coarse sand)	Cum	322	9131.9	₹ 29,40,471.80
6.1	Providing and fixing gang saw cut, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations, of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch ups, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels				
6.1.1	Granite of any colour or shade				
6.1.1.1	Area of slab over 0.50 sqm	Sqm.	24.06	2994.6	₹ 72,050.08
6.2	Providing edge moulding to 18 mm/16 mm thick marble stone counters, Vanities etc. including machine polishing to edge to give high gloss finish etc. complete as per design approved by Engineer-in-Charge.				
6.2.1	Granite work	Metre	31.14	381.7	₹ 11,886.14
6.3	Extra for fixing marble /granite stone, over and above corresponding basic item, in facia and drops of width upto 150 mm with epoxy resin based adhesive, including cleaning etc. complete.	Metre	31.14	471.65	₹ 14,687.18
6.4	Extra for providing opening of required size & shape for wash basin/ kitchen sink in kitchen platform, vanity counter and similar location in marble/ Granite/ stone work, including necessary holes for pillar taps etc. including moulding, rubbing and polishing of cut edges etc. complete.	Each	49.16	778.5	₹ 38,271.06

6.5	Providing and fixing 1st quality ceramic glazed wall tiles conforming to IS: 15622 (thickness to be specified by the manufacturer), of approved make, in all colours, shades except burgundy, bottle green, black of any size as approved by Engineer-in-Charge, in skirting, risers of steps and dados, over 12 mm thick bed of cement mortar 1:3 (1 cement : 3 coarse sand) and jointing with grey cement slurry @ 3.3kg per sqm, including pointing in white cement mixed with pigment of matching shade complete.	Sqm	654.86	1229.1	₹ 8,04,888.43
7.1	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) nondecorative type, core of block board construction with frame of 1st class hard wood and well matched commercial 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters:				
7.1.1	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	Sqm	192	2078.2	₹ 3,99,014.40
7.2	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	Sqm	192	401.4	₹ 77,068.80
7.3	Providing and fixing aluminium extruded section body tubular type universal hydraulic door closer (having brand logo with ISI, IS : 3564, embossed on the body, door weight upto 36 kg to 80 kg and door width from 701 mm to 1000 mm), with double speed adjustment with necessary accessories and screws etc. complete.	Each	276.88	938.95	₹ 2,59,976.48
7.4	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
7.4.1	250x10 mm	Each	208.33	108.75	₹ 22,655.89
7.4.2	150x10 mm	Each	133.33	83.8	₹ 11,173.05
7.5	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
7.5.1	125 mm	Each	208.33	68	₹ 14,166.44
7.5.2	100 mm	Each	133.33	60	₹ 7,999.80
7.6	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
7.6.1	Single rubber stopper	Each	104.16	55.4	₹ 5,770.46
7.7	Providing and fixing aluminium casement stays, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS: 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.	Each	46.66	68.3	₹ 3,186.88
7.8	Providing and fixing bright finished brass 100 mm mortice latch and lock, ISI marked, with six levers and a pair of anodised (anodic coating not less than grade AC 10 as per IS : 1868) aluminium lever handles of approved quality with necessary screws etc. complete.	Each	104.16	747.1	₹ 77,817.94

7.9	Providing & Fixing decorative high pressure laminated sheet of plain / wood grain in gloss / matt/ suede finish with high density protective surface layer and reverse side of adhesive bonding quality conforming to IS : 2046 Type S, including cost of adhesive of approved quality.				
7.9.1	1 mm thick	Sqm	384	779.75	₹ 2,99,424.00
7.1	Providing and fixing fire resistant door frame of section 50 x 60 mm on horizontal side & 35 x 60 mm on vertical sides having built in rebate made out of 1.6 mm thick GI sheet (Zinc coating not less than 120gm/sqm) suitable for mounting 120 minutes Fire Rated Glazed Door Shutters. The frame shall be filled with mineral wool Insulation having density minimum 96Kg/sqm. The frame will have a provision of G.I. anchor fastners 14 nos (5 each on vertical style & 4 on horizontal style of size M10 x 80) suitable for fixing in the opening along with factory made template for SS ball bearing hinges of Size 100x89x3mm for fixing of fire rated glazed shutter. The frame shall be finished with a approved fire resistant primer or powder coating of not less than 30 micron in desired shade as per the directions of Engineer - in- Charge. (Cost of SS ball bearing hinges is excluded).	Rmt	5.7	1824.3	₹ 10,398.51
7.11	Providing and fixing 60 mm thick glazed fire resistant door shutters of 120 minutes Fire rating conforming to IS:3614 (Part II) or EN1634-1:1999, tested and certified as per laboratory approved by Engineer-in-Charge, with suitable mounting on door frame, consisting of vertical styles, top rail & side rail 60 mm x 60 mm wide and bottom rail of 110 mm x 60 mm made out of 1.6mm thick G.I. sheet (zinc coating not less than 120gm/sqm) duly filled mineral wool insulation having density minimum 96 kg/cum and fixing with necessary stainless steel ball bearing hinges of size 100x89x3mm of approved make, including applying a coat of approved fire resistant primer or powder coating not less than 30 micron etc all complete as per direction of Engineer-in-Charge (panelling to be paid for separately).	Sqm	1.8	9795.6	₹ 17,632.08
			0		
	FIXTURES FOR FIRATED DOORS		0		
7.12	Supply & fixing of SS Ball Bearing Hinges of size 100 x 75 x 3mm complete with SS Screws of DORMA/ Hafele/Assa Abloy or approved makes (3 Nos per panel) (Required For All Doors) as per the directions of Engineer-in-charge	Each	5	350	₹ 1,750.00
			0		
7.13	Supply & fixing SS Touch Type / PHA2000 Series DORMA / Beker FS/ Assa Abloy or approved makes or SS Touch type Panic Bar single / double leaf panic exit devices. (Required For Fire Staircase & Lift Lobby Location Doors) as per the directions of Engineer-in-charge				
	Double Leaf Panic Bar Set	Each	0.83	16,500.00	₹ 13,695.00
7.14	Supply & fixing of SS / PHT-3905 DORMA / Beker FS/Assa Abloy or approved makes Panic Trim For Operation From The Other Side Of The Panic Bar. (Required For Fire Staircase & Lift Lobby Location Doors) as per the directions of Engineer-in-charge	Each	0.83	5,000.00	₹ 4,150.00
7.15	Supply & fixing of Mortise Dead Lock / DORMA / Beker FS/ Assa Abloy or approved makes as per the directions of Engineer-in-charge	Each	0.83	2,500.00	₹ 2,075.00

7.16	Supply & fixing of SS D Type Pull Handle of size 300mm Long of Beker FS/ DORMA/Assa Abloy or equivalent. as per the directions of Engineer-in-charge	Each	0.83	950	₹ 788.50
7.17	Supply & fixing of Stainless Steel 304 grade 300mm Long Concealed Flush Bolt of DORMA/ Hafele/ Assa abloy/ Becker Firesolutions or approved makes with necessary screws as required in Double Leaf Doors Only.	Each	0.83	950	₹ 788.50
7.18	Supply & fixing of door closers of TS-71 DORMA / Beker FS/Geze/ Assa Abloy/ Becker Firesolutions or approved makes. as per the directions of Engineer-in-charge	Each	0.83	2,500.00	₹ 2,075.00
7.19	Supply & fixing of anchor fasteners of HILTI/ FISHER or Equivalent of maximum 80mm length. as per the directions of Engineer-in-charge (10nos. Fastners)	Set	0.83	250	₹ 207.50
8.1	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer, including welding and bolted with special shaped washers etc. complete. Hot finished welded type tubes	Kg	19740.25	156.95	₹ 30,98,232.24
8.2	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required.				
8.2.1	In stringers, treads, landings etc. of stair cases, including use of chequered plate wherever required, all complete	Kg	41.66	141.4	₹ 5,890.72
8.2.2	In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	Kg	1608.05	181.6	₹ 2,92,021.88
9.1	Kota stone slab flooring 25 mm thick over 20mm (average) thick base laid over and jointed with grey cement slurry mixed with pigment to match the shade of the slab, including rubbing, polishing and curing complete with base of cement mortar 1:4 (1 cement : 4 coarse sand) :	Sqm	283.11	1891.75	₹ 5,35,573.34
9.2	Kota stone slab 20 mm thick in risers of steps, skirting, dado and pillars laid on 12 mm (average) thick cement mortar 1:3 (1 cement:3 coarse sand) and jointed with grey cement slurry mixed with pigment to match the shade of the slabs, including rubbing, polishing and curing complete.	Sqm	18.83	2186.3	₹ 41,168.03
9.3	Extra for pre finished nosing in treads of steps of Kota stone/ sand stone slab.	Meter	20	161.75	₹ 3,235.00
9.4	Extra for Kota stone/ sand stone in treads of steps and risers using single length above normal size up to 2.00 metre.	Sqm	5.5	34.45	₹ 189.48
9.5	Providing and laying Ceramic glazed floor tiles 300x300 mm (thickness to be specified by the manufacturers) of 1st quality conforming to IS: 15622 of approved make, laid on 20 mm thick bed of cement mortar 1: 4 (1 cement : 4 coarse sand) including pointing the joints with white cement and matching pigment etc., complete.				
9.5.1	In all colours, shades, except White, Ivory, Fume Red Brown	Sqm	188.17	1170.75	₹ 2,20,300.03

9.6	Providing & Laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption's less than 0.08% and confirming to IS : 15622 of approved make in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand) including grouting the joints with white cement and matching pigments etc, complete.				
9.6.1	Size of Tile 600x600 mm	Sqm	564.36	1395.1	₹ 7,87,338.64
9.7	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), including grouting the joint with white cement & matching pigments etc. complete.				
9.7.1	Size of Tile 600x600 mm	Sqm	54.63	1448.9	₹ 79,153.41
9.8	Grouting the joints of flooring tiles having joints of 3 mm width, using epoxy grout mix of 0.70 kg of organic coated filler of desired shade (0.10 kg of hardener and 0.20 kg of resin per kg), including filling / grouting and finishing complete as per direction of Engineer-in-charge.				
9.8.1	Size of tile 600x600 mm	Sqm	752.54	253.7	₹ 1,90,919.40
10.1	Providing and fixing tiled False Ceiling of specified materials of size 595x595mm in true horizontal level suspended on inter locking metal grid of hot dipped galvanized steel sections (galvanized @ 120 gms/sqm both side inclusive) consisting of main "T" runner with suitably spaced joints to get required length and of size 24x38mm made from 0.30mm thick (minimum) sheet spaced at 1200 mm center to center and cross "T" of size 24x25 mm made of 0.30mm thick (minimum) sheet, 1200mm long spaced between main "T" at 600mm center to center to form a grid of 1200 x 600mm and secondary cross "T" of length 600mm and size 24x25 mm made of 0.30mm thick (minimum) sheet to be interlocked at middle of the 1200x600mm panel to form grids of 600x600mm and wall angle of size 24x24x0.30mm and laying false ceiling tiles of approved texture in the grid including, wherever, required cutting/making, opening for services like diffusers, grills, light fittings, fixtures, smoke detectors etc. Main "T" runners to be suspended from ceiling using GI slotted cleats of size 27x37x25x1.6mm fixed to ceiling with 12.5mm dia and 50mm long dash fasteners, 4mm GI adjustable rods with galvanized butterfly level clips of size 85x30x0.8 mm spaced at 1200mm center to center along size 85x30x0.8 mm spaced at 1200mm center to center along main T, bottom exposed width of 24mm of all T-sections shall be pre-painted with polyester paint, all complete for all heights as per specifications, drawings and as directed by Engineer-in-charge. (The rate is excluding the cost of tiles which will be paid for separately).				
10.1.1	GI Metal Ceiling Lay in plain Tegular edge Global white colour tiles of size 595x595 mm, and 0.5 mm thick with 8 mm drop; made of G I sheet having galvanizing of 100 gms/sqm (both sides inclusive) and electro statically polyester powder coated of thickness 60 microns (minimum), including factory painted after bending.	Sqm	943.13	1760.5	₹ 16,60,380.37
10.2	Providing and fixing pre-coated galvanized iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have	Sqm	563.8	706.5	3,98,324.70

	<p>protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineer-in-charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.</p>				
11.1	12 mm cement plaster of mix:				
11.1.1	1:4 (1 cement: 4 coarse sand)	Sqm	2407.35	283.8	₹ 6,83,205.93
11.2	15 mm cement plaster on rough side of single or half brick wall of mix:				
11.2.1	1:6 (1 cement: 6 coarse sand)	Sqm.	591.8	306.85	₹ 1,81,593.83
11.3	6 mm cement plaster to ceiling of mix 1 : 3 (1 cement : 3 fine sand)	Sqm	72.04	241.25	₹ 17,379.65
11.4	Providing and applying plaster of paris putty of 2 mm thickness over plastered surface to prepare the surface even and smooth complete.	Sqm	72.04	233.55	₹ 16,824.94
11.5	Distempering with 1st quality acrylic distemper (ready mixed)having VOC content less than 50 gms/litre, two or more coats on new work of approved manufacturer, of required shade and colour complete as per manufacturer's specifications	Sqm	182.29	89.9	₹ 16,387.87
11.6	Finishing walls with textured exterior paint of required shade on New work (two or more coats applied @ 3.28 liter/10sqm) over and including base coat of exterior primer applied @ 2.20kg/10sqm	Sqm	591.8	268.45	₹ 1,58,868.71
11.7	Painting on G.S sheets with synthetic enamel paint of approved band and manufacture of required colour to give an even shade on New work (two or more coats) including a coat of approved steel primer but excluding a coat of mordant solution.	Sqm	16.08	149.05	₹ 2,396.72
11.8	Providing and applying white cement based putty of specified thickness, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete.				
11.8.1	1 mm thick	Sqm	2999.15	138.1	₹ 4,14,182.62
11.9	Wall painting with acrylic emulsion paint, having VOC (Volatile Organic Compound) content less than 50 grams/ liter, of approved brand and manufacture, including applying additional coats wherever required, to achieve even shade and colour.				
11.9.1	Two coats	Sqm	2297.47	109.9	₹ 2,52,491.95
12.1	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/ appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically				

	wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately):				
12.1.1	For fixed portion				
12.1.1.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	2396.5	514.3	₹ 12,32,519.95
12.1.2	For shutters of doors, windows & ventilators including providing and fixing hinges/ pivots and making provision for fixing of fittings wherever required including the cost of EPDM rubber / neoprene gasket required (Fittings shall be paid for separately)				
12.1.2.1	Powder coated aluminium (minimum thickness of powder coating 50 micron)	Kg	342.12	607.4	₹ 2,07,803.69
12.2	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge. (Cost of aluminium snap beading shall be paid in basic item):				
12.2.1	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	Sqm	97.75	1201.8	₹ 1,17,475.95
12.3	Filling the gap in between aluminium frame and adjacent RCC/Brickwork/ Stone Work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge				
12.3.1	Upto 5mm depth and 5mm width	Metre	798.83	97.15	₹ 77,606.33
13.1	Providing and laying water proofing treatment to vertical and horizontal surfaces of depressed portions of W.C., kitchen and the like consisting of:				
	(i) 1st course of applying cement slurry @ 4.4 Kg/sqm mixed with water proofing compound conforming to IS 2645 in recommended proportions including rounding off junction of vertical and horizontal surface. (ii) 2nd course of 20mm cement plaster 1:3 (1 cement: 3 coarse sand) mixed with water proofing compound in recommended proportion including rounding off junction of vertical and horizontal surface. (iii) 3rd course of applying blown or residual bitumen applied hot at 1.7 Kg. per sqm of area. (iv) 4th course of 400 micron thick PVC sheet. (Overlaps at joints of PVC sheet should be 100 mm wide and pasted to each other with bitumen @ 1.7 Kg/sqm.)	Sqm	226.96	757.5	₹ 1,71,922.20
13.2	Providing and applying integral crystalline slurry of hydrophilic in nature for waterproofing treatment to the RCC structures like retaining walls of the basement, water tanks, roof slabs, podiums, reservoir, sewage & water treatment plant, tunnels / subway and bridge deck etc., prepared by mixing in the ratio of 5 : 2 (5 parts integral crystalline slurry : 2 parts water) for vertical surfaces and 3 : 1 (3 parts integral crystalline slurry : 1 part water) for horizontal surfaces and applying the same from negative (internal) side with the help of synthetic fiber brush. The material shall meet the requirements as specified in ACI-212-3R-2010 i.e by reducing permeability of concrete by more than 90% compared with control concrete as per DIN 1048 and resistant to 16 bar hydrostatic pressure on negative side. The crystalline slurry shall be capable of self-healing of cracks up to a width of 0.50mm. The work shall be carried out all complete as per specification and the direction of the engineer-in-charge. The product performance shall carry guarantee for 10 years against any leakage.				
13.2.1	For vertical surface two coats @ 0.70 kg per sqm per coat	Sqm	262.96	407.75	₹ 1,07,221.94
13.2.2	For horizontal surface one coat @1.10 kg per sqm.	Sqm	313.95	310.05	₹ 97,340.20

13.3	<p>Providing and laying integral cementbased water proofing treatment including preparation of surface as required for treatment of roofs, balconies, terraces etc consisting of following operations: (a) Applying a slurry coat of neat cement using 2.75 kg/sqm of cement admixed with water proofing compound conforming to IS. 2645 and approved by Engineer-in-charge over the RCC slab including adjoining walls upto 300 mm height including cleaning the surface before treatment. (b) Laying brick bats with mortar using broken bricks/brick bats 25mm to 115 mm size with 50% of cement mortar 1:5 (1 cement : 5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge over 20 mm thick layer of cement mortar of mix 1:5 (1 cement :5 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge to required slope and treating similarly the adjoining walls upto 300 mm height including rounding of junctions of walls and slabs.</p>				
	<p>(c) After two days of proper curing applying a second coat of cement slurry using 2.75 kg/ sqm of cement admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge. (d) Finishing the surface with 20 mm thick jointless cement mortar of mix 1:4 (1 cement :4 coarse sand) admixed with water proofing compound conforming to IS : 2645 and approved by Engineer-in-charge including laying glass fibre cloth of approved quality in top layer of plaster and finally finishing the surface with trowel with neat cement slurry and making pattern of 300x300 mm square 3 mm deep. (e) The whole terrace so finished shall be flooded with water for a minimum period of two weeks for curing and for final test."All above operations to be done in order and as directed and specified by the Engineer-in-Charge :</p>				
13.3.1	With average thickness of 120 mm and minimum thickness at khurra as 65 mm.	Sqm	83.33	1404.65	₹ 1,17,049.48
14.1	<p>Providing and fixing of façade at all heights with extruded hollow Clay / Terracotta ventilated rainscreen tiles of height 250/ 300/ 400mm and length of 595 mm of approved texture, design and pattern having Flexural Strength/ Modulus of Rupture of ≥ 14 N/m² and maximum water absorption of 10% tested as per ISO 10545-4:2004(E) and ISO 10545-3:1995 respectively in true level fixed to a supporting aluminium framework(Alloy 6063 T5/T6) consisting of vertical 'T' (for intermediates)/ 'L'(for ends/ termination)/ Tubular sections (at corners)of size 80x60x2mm/ 40x60x2mm/ 40x40x2mm respectively, spaced at maximum spacing of 600mm c/c matching to the tile vertical grid, and horizontal aluminium 'C'-clamps of size 56x25x2mm thickness of length 150mm at junction of tiles and of length 75mm at wall ends/ corners fixed on top of the vertical sections at spacing of 250/ 300/ 400mm c/c matching to the tile horizontal grid with two numbers of self-drilling / self-tapping SS screws of size 5.5x25 mm with EPDM washers. The vertical 'T'/'L' Tubular' sections shall be fixed to the wall using HDG (hot-dip-galvanized) steel L-brackets (galvanizing thickness of minimum 80 microns)of size 110x80x6 mm at intermediate vertical aluminium profiles and of size 220x110x12 mm at outer corners and stainless steel grade 304,M10 full threaded anchor fasteners with nylon sleeve 100mm long (for brick work) and M8 expansion anchor fasteners 75mm long for concrete surface, spacing of brackets to be based on a structural/ static calculation.</p>				
	The brackets shall be of length 175mm at junction of two vertical aluminium profiles and of length 100mm at intermediate points of vertical profiles and shall be fixed to the vertical aluminium T / L / Tubular profiles				

	using two numbers self-drilling/ self-tapping SS screws of size 5.5x25mm with EPDM washers. EPDM gaskets to be fixed in between brackets and vertical profiles. The tiles shall be mounted on the 'C' clamps such that the tiles are supported at top and bottom at both ends. The tiles shall be additionally secured to the horizontal 'C' clamps using special SS clips of required size which shall be inserted and pressed into position on the 'C' clamps holding the tiles and the cut-tiles shall be glued at points to the horizontal 'C' clamps by using MS Polymer sealant adhesive. The vertical joint open groove between two adjacent tiles shall be 5mm. The tiles and system shall be designed to resist wind load as per IS 875 (Part 3) according to different zones. The tiles shall be installed using the ventilated rain screen principle with provision for natural ventilation of the space between the façade tiles and the structural wall. The work shall				
	be carried out as per specification, drawing and as per direction of the Engineer-in-Charge. Note: Scaffolding wherever required to be paid separately				
14.1.1	With 16mm thickness (+/- 10%) terracotta tiles of grey colour	Sqm	104.43	6320	₹ 6,59,997.60
15	CARRIAGE OF MATERIAL				
	Carriage of Material by mechanical transport from source old site				
15.1	Aggregate for an average of 25 km	Cum	404	465.14	₹ 1,87,916.56
15.2	Sand for an average of 25 km	Cum	139.5	465.14	₹ 64,887.03
15.3	Carriage of Material by Head load (Avg Lead 1 km)	Cum	543.5	1030.78	₹ 5,60,228.93
				Total :	₹ 4,37,97,694.18

Sd/-
(Dhruv Gupta), JKAS
Asstt. Chief Executive Officer

No: CO/Proj./171-I/1198
Dated: 01.12.2025



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**

**Bill of Quantities (Electrical Works)
(Annexure-II)**

Sub: Construction of Staff Residential Quarters & Retaining Wall Structure at SMVDSB Bhawan (Katra)

S.No	DESCRIPTION	UNIT	Total Qty.	Rate	Amount
A	Point wiring in PVC conduit, with modular type switch:-				
A.1	Wiring for light point/fan point/exhaust fan point/call bell point with 1.5 sqmm FRLS PVC insulated copper conductor single core wire in surface / recessed PVC conduit, with modular switch, modular plate, suitable G.I. box and earthing the point with 1.5 sqmm FRLS PVC insulated copper conductor single core wire etc. as required.				
	(Wire Make : Finolex / RR / Polycab / KEI), (Conduit Make : AKG / BEC / Finolex / Polycab / Precision), Switches Make : Legrand / ABB / Clipsal/ Opale / RR / Polycab / Indo Asian-Elvira)				
a	Group B	NOS	493	1,182	₹ 5,82,726.00
				-	
A.2	Wiring for group controlled light point/fan point/exhaust fan point/call bell point with 2.5 sqmm FRLS PVC insulated copper conductor single core wire in surface / recessed PVC conduit, with modular switch and earthing the point with 1.5 sqmm FRLS PVC insulated copper conductor single core wire etc. as required.			-	
	Group B	NOS	8	753	₹ 6,024.00
				-	
	Wiring for twin control light point with 1.5 sqmm FRLS PVC insulated copper conductor single core wire in surface/recessed PVC conduit, 2 way modular switch, modular plate, suitable G.I. box and earthing the point with 1.5 sqmm FRLS PVC insulated copper conductor single core wire etc. as required.	NOS	2	501	₹ 1,002.00

A.4	Power plug wiring in PVC conduit (2 x 4 sqmm.) :-				
a	Wiring for light/power plug with 2 x 4 sqmm. FRLS PVC insulated, copper conductor single core wire in surface / recessed PVC conduit along with 1 x 4 sqmm FRLS PVC insulated copper conductor single core wire for loop earthing as required.	M	877	334	₹ 2,92,918.00
A.5	Circuit / Sub main wiring in PVC conduit:				
	Supplying and drawing following sizes of FRLS PVC insulated copper conductor, single core cable in the existing surface/recessed steel/ PVC conduit as required.				
b	2x 2.5 sq.mm. + 1 x 2.5 sq.mm. Earth wire	M	442	98	₹ 43,316.00
c	2x 4 sq.mm. + 1 x 4 sq.mm. Earth wire	M	280	216	₹ 60,480.00
	2 x 6 sq.mm. + 1 x 6 sq.mm. Earth wire	M	8	422	₹ 3,376.00
	2 x 10 sq.mm. + 1 x 10 sq.mm. Earth wire	M	8	548	₹ 4,384.00
A.6	Supply and fixing of following sizes of PVC conduit along with accessories in surface/recess including cutting the wall and making good the same in case of recessed conduit as required :				
	20 mm.	M	8	300	₹ 2,400.00
	25 mm.	M	8	360	₹ 2,880.00
a	32 mm.	M	108	184	₹ 19,872.00
	Supplying and fixing following size/ modules, GI Box alongwith modular base & cover plate for modular switches in recess etc as required.				
	75 mm x 75 mm (1 Module or 2 Module)	NOS	1	286	₹ 286.00
	100 mm x 75 mm (3 Module)	NOS	1	314	₹ 314.00
A.7	Supplying and fixing suitable size GI Box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 A Modular Socket outlet and 5/6 A Modular Switch,Connections etc as required.	NOS	203	477	₹ 96,831.00
A.8	Supplying and fixing suitable size GI Box with modular plate and cover in front on surface or in recess, including providing and fixing 3 pin 5/6 & 15/16 A Modular Socket outlet and 15/16 A Modular Switch,Connections etc as required.	NOS	136	586	₹ 79,696.00

A.9	FIRE SYSTEM/SECURITY SYSTEM				
a	Supplying. Installation, testing & commissioning f manual call oxes of MS construction in surface/recess with stainless steel chain & hammer assembly complete with glass and push button etc., as required.	NOS	2	474	₹ 948.00
b	Supplying, installation, testing & commissioning fire alarm sounder with facility to make annoucement, mounted in A.B.S box with hinged cover plate & suitable for operation with amplifier i/c line matching transformer etc. complete as required	NOS	2	472	₹ 944.00
A.10	Supplying and fixing following modular switch/ socket on the existing modular plate & Switch Box including connection but excluding modular plate etc. as required.				
	5/6 A One way Switch	NOS	204	103	₹ 21,012.00
A.12	Wiring including termination for the first light points controlled by MCB in distribution board (Cost of MCB taken seperately) with 2x2.5 sq.mm. PVC insulated copper conductor FRLS wires of 1100 Volts grade in concealed/exposed PVC conduits and 1.5 sqmm. earth wire.	Nos.	5	900	₹ 4,500.00
A.13	Same as above but LOOP POINT i.e. wiring of point looped from first point with 2x1.5 sq.mm. PVC insulated copper conductor FRLS wire of 1100 volt grade in concealed/exposed PVC conduits and 1.0 sqmm earth wire	Nos.	27	550	₹ 14,850.00
A.14	Providing 16 amp control switch and 6 pin 16 amp socket at different locations including connecting conduit and circuit by 2x4 + 4 sq. mm copper wires. (For Geyser)	NOS	40	3,000	₹ 1,20,000.00
B.1	Supply and fixing of Pre-Galvanized sheet steel under floor raceway / cable management system of rectangular shape with openable top for power, voice and data cables complete in all respects with suitable size junction boxes having margin for tile or carpet, corner pieces, caps, end covers, cross overs, access outlets, counter sunk screws etc. The system is intended for laying on structural slab/floor prior to the screed being poured. The minimum screed cover over channel should be 25 mm.				
	(Make : MK / Skaber)				
	Single Compartment Type				
a	300 mm. Width x 50 mm. Depth x 2.0 mm. Thickness - single compartment	M	83	1,182	₹ 98,106.00

	75 x 40 mm size (16 SWG) - single compartment	M	8	380	₹ 3,040.00
	100 x 40 mm size (16 SWG) - single compartment	M	16	452	₹ 7,232.00
C	Distribution Boards and Circuit Breakers				
C.1	Supply and Fixing of cable end box (Loose wire box) suitable for following single pole and neutral sheet steel MCB distribution board, 240 Volt, on surface/ recess, complete with testing and commissioning etc. as required.				
a	8-Way (2 + 8) Double door	NOS	2	3,790	₹ 7,580.00
b	12-Way (2 + 12) Double door	NOS	3	4,490	₹ 13,470.00
C.3	Supplying and fixing following ways surface / recess mounting, vertical type , 415 volts, TPN MCB distribution board of sheet steel, dust protected, duly powder painted, inclusive of 200 amps. Tinned copper busbar, common neutral link, earth bar, din bar for mounting MCB's, (without MCBs and incomer) as required.				
a	12 way with 100Amps MCCB FP as incomer	NOS	2	26,760	₹ 53,520.00
	8 way with 100 Amps MCCB as incomer	NOS	2	19,720	₹ 39,440.00
C.4	Supplying and fixing 5 amps. To 32 amps. rating, 240/415 V`C' series, miniature circuit breaker (MCB) suitable for inductive load of following poles in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	Single pole	NOS	1	246	₹ 246.00
	Single pole and neutral	NOS	53	576	₹ 30,528.00
	Double pole	NOS	75	630	₹ 47,250.00
	Supplying and fixing following rating, double pole , 240 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps.	NOS	1	418	₹ 418.00
	63 amps.	NOS	1	506	₹ 506.00
C.5	Supplying & fixing single pole, blinking plate in the existing MCB DB complete etc. as required.	NOS	4	13	₹ 52.00

C.7	Supplying and fixing following rating, double pole , (single phase and neutral) 240 volts, residual current circuit breaker (RCCB), having a sensitivity current upto 300 miliampere in the existing MCB DB complete with connections, testing and commissioning etc. as required :				
a	25 amps.	NOS	1	1,949	₹ 1,949.00
	40 amps.	NOS	4	2,539	₹ 10,156.00
	Supplying and fixing following rating, four pole , 415 volts, isolator in the existing MCB DB complete with connections, testing and commissioning etc. as required.				
	40 amps.	NOS	1	932	₹ 932.00
	63 amps.	NOS	1	994	₹ 994.00
	100 amps.	NOS	4	1,179	₹ 4,716.00
	SUPPLY OF LIGHTING FIXTURES				
D.1	Supply of recess / surface, round / square, ceiling mounting LED Light fixture having Powder coated die cast aluminium housing with heat sink, glare free diffuser with uniform light distribution, PF above 0.9, efficacy above 90 lm/watt, pre wired with constant current LED driver set, suitable for 1 phase, 240 V, 50 Hz, IP 20 complete in all respects. (colour temperature 3000°K / 4000°K / 6500°K - to be confirmed before supply)				
	Make : Philips, Wipro, Bajaj, Legaro, RR Kabel)				
a	20 watt LED MIRROR LIGHT	Nos	40	750	₹ 30,000.00
b	1'X1' 16 W CEILING LED LIGHT	Nos	173	2,450	₹ 4,23,850.00
c	10 W WALL BRACKET LIGHT	NOS	40	580	₹ 23,200.00
D.2	Supply of surface, wall / ceiling mounting LED T5 / T8 Tube Light fixture having Powder coated die cast aluminium housing with heat sink, PF above 0.9, efficacy above 90 lm/watt, pre wired with constant current LED driver set, suitable for 1 phase, 240 V, 50 Hz, IP 20 complete in all respects. (colour temperature 3000°K / 4000°K / 6500°K - to be confirmed before supply)				
	Make : Philips, Wipro, Bajaj, Legaro, RR Kabel, Crompton)				
a	20 watt LED T5 / T8 Tube Light fixture (1200 mm long)	Nos	44	750	₹ 33,000.00
b	40 watt LED T5 / T8 Tube Light fixture (1200 mm long)	Nos	120	1,110	₹ 1,33,200.00

D.3	Supply of surface mounted bulk head fixtures with LED lamp complete as per standard item with copper wiring lamps as required as per the standard catalogue item.				
	Make : Philips, Wipro, Bajaj, Legaro, RR Kabel, Crompton)				
a	9 watt LED Bulk Head	Nos	3	1,170	₹ 3,510.00
	ERECTION OF LIGHTING FIXTURES				
	The Fixing and testing of lighting fixture shall include connection with wire of required length complete with all accessories including screws, nuts, wooden cleats, making hole in wall or ceiling and making good the same as required.				
	Recess / surface, round / square, ceiling mounting LED Light fixture	Nos	1	110	₹ 110.00
	Recess mounted LED COB ceiling light fixtures	Mtr	1	100	₹ 100.00
	SUPPLY OF FANS AND EXHAUST FANS				
D.5	Supply of AC 230/250 volts, 50 HZ energy efficient ceiling fan with standard down rod, blades, 2 nos. caps etc. complete				
	(Make : Bajaj / Crompton / Havells / Ploycab / RR)				
a	1200 mm sweep (BEE 5 Star)	Nos	80	4,730	₹ 3,78,400.00
	Supply of AC 230/250 volts, 50 HZ exhaust fans including providing nuts, bolts, mounting frame and other accessories etc. complete				
	(Make : Bajaj / Crompton / Havells)				
	300 mm sweep 900 rpm (BEE 5 Star)	Nos	1	3,230	₹ 3,230.00
	Miscellaneous				
D.6	S/F of hexagonal fan box with hexagonal side of approx. 80 mm.in length fabricated from 14 SWG G I. sheet incorporating with 12 mm. dia. G.I. round bar duly bent for supporting fan hanger and screwing arrangement with wiring conduit laid in the R.C.C. roof before concreting along with supply of all materials, labour, T&P etc. for proper completion of work.	NOS	80	250	₹ 20,000.00
D.7	Installation, testing & Commissioning of Ceiling Fan, Including wiring the down rods of standard length (upto 30cm) with 2.5 sqmm FRLS PVC insulated, copper conductor, Three core cable etc.	NOS	80	213	₹ 17,040.00

E.1	Supplying and making end termination with brass compression gland and aluminium lugs for following size of PVC insulated and PVC sheathed / XLPE aluminium conductor cable of 1.1 KV grade as required				
A	1R-3.5Cx120 sqmm AL cable	M	33	4,538	₹ 1,49,754.00
E.2	<u>EARTHING</u>				
	G.I. EARTHING				
a	Supplying and laying 25 mm x 3 mm. G.I. strip at 0.50 M. below ground as strip earth electrode, including soldering etc. as required.	RM	33	523	₹ 17,259.00
				TOTAL	₹ 29,11,547.00

Sd/-
(Dhruv Gupta), JKAS
Asstt. Chief Executive Officer

No: CO/Proj./171-I/1198
Dated: 01.12.2025



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**

**Bill of Quantities (Plumbing Works)
(Annexure-III)**

Sub: Construction of Staff Residential Quarters & Retaining Wall Structure at SMVDSB Bhawan (Katra)

S. No.	DESCRIPTION	UNIT	Qty.	Rate (In Rs.)	Amount
1	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required.	each	35	5632.4	₹ 1,97,134.00
2	Providing and fixing P.V.C. waste pipe for sink or wash basin including PVC waste fittings complete.				
	Flexible Pipe				
	32 mm dia (for wash basin)	each	88	128.5	₹ 11,308.00
3	Providing and fixing wash basin with C.I.brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever required				
	White Vitreous china wash basin size 550x400 mm with single 15 mm C.P. brass pillar tap	each	35	3260.85	₹ 1,14,129.75
4	Providing and fixing CP Brass 32mm size Bottle Trap of bapproved quality & make and as per the direction of Engineerin- charge.	each	35	869.65	₹ 30,437.75
5	Providing & fixing C.P. Brass Health faucet for ablution with 1 meter long PVC tube, hand shower, couplings, wall hook and other accessories.	each	35	875	₹ 30,625.00
6	Providing & fixing CP brass Overhead shower	each	32	722.7	₹ 23,126.40
7	Providing and fixing of shower arm (LMR)	each	32	210	₹ 6,720.00
8	Providing and fixing 15 mm nominal bore C.P. stop cock (concealed) of				
	standard design and of approved make conforming to IS : 8931	each	40	690.3	₹ 27,612.00

9	Providing and fixing automatic high pressure Electric water heaters with glass lining thermostats with each element and high temperature cut off, necessary insulation, safety valve, etc. all complete.				
	25 Ltrs.	each	35	15285	₹ 5,34,975.00
10	Providing & Fixing 600 X 450 mm bevelled edge mirror of superior glass (of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.	each	35	1595.1	₹ 55,828.50
11	Providing & fixing toilet paper holder.				
	vitreous china	each	35	674.6	₹ 23,611.00
12	Providing and fixing of C. P. brass towel rail 600 x 20 mm size complete with C.P. brass brackets	each	35	1100	₹ 38,500.00
13	Providing and fixing of C. P. brass towel ring complete with C.P. brass brackets	each	35	450	₹ 15,750.00
14	Providing and fixing CP Brass soap dish 109 mm wide, 125 mm high and 112 mm distance from wall of standard shape with bracket and all fittings of the same material of approved quality and colour.	each	35	800	₹ 28,000.00
15	Providing and fixing white vitreous china flat back or wall corner type				
	lipped front urinal basin of 430x260x350mm and 340x410x265 mm sizes				
	respectively with automatic flushing cistern with standard flush pipe and				
	C.P. brass spreaders with brass unions and G.I. clamps complete,				
	including painting of fittings and brackets, cutting and making good the				
	walls and floors wherever required:				
	One urinal basin with 5 literwhite P.V.C automatic flushing	each	3	5342.35	₹ 16,027.05
	cistern.				
16	Providing and Fixing of Double coat Hook including cutting and making good the walls where required complete with all respect.	each	40	310	₹ 12,400.00
17	Providing and Fixing of SS Sink 600x450x250 mm	each	33	2400	₹ 79,200.00
18	Providing and fixing on wall face un-plasticized Rigid PVC rain water				
	pipes conforming to IS: 13592 Type A including jointing with seal ring				
	conforming to IS: 5382 leaving 10 mm gap for thermal expansion. (6kg/sqcm)				
	160 mm dia	metre	83	554	₹ 45,982.00
	110 mm dia	metre	458	366	₹ 1,67,628.00

	75 mm dia	metre	54	226.15	₹ 12,212.10
19	<p>Supplying, fixing, testing and commissioning of sound insulated Polypropylene piping system as per EN 1451-Part 1-6 & EN 12056 Part 1-5 with 3 layer pipe made of PP-C + PP-MV/MD + PP-C or equivalent compound, push-fit type, food safe, having high impact and stiffness, offering sound levels of not more than 20 dBA as per DIN 4109 at a flow rate of 4 l/s and having pipe ring stiffness as per ISO/DIS 9969 and tightness as per EN 1277/B and C and DIN 19560, density of pipe 1.3 gms/cm³, elongation 0.12mm/m/K and tensile strength > 20 N/mm², with all necessary fittings in same colour as the pipes, fitted with factory fitted lip ring including painting if required (for external application) etc complete as required and in accordance with the Engineer-in-charge. Work under this section shall consists of furnishing all labour, materials, equipments & appliances necessary & required to completely install all soil, waste and Vent pipes with respective fittings fixed truly vertical, horizontal or in slope as required by the drawings or as directed by Engineer-in-charge. All corecuts, cutouts and sleeves shall be sealed with approved fire proof sealant/collar at either end to the satisfaction of the Engineer-in-charge. The supporting structure shall be as per the detailed drawings as part of the tender package.</p>				
	32 mm dia.	metre	113	145	₹ 16,385.00
20	<p>Providing, fixing, jointing and testing in position ISI marked (IS:4985) UPVC pipes of min 6 Kg/ Sqcm rating with fitting for waste pipe from fixtures to floor trap including reduces, enlarger, socket, couplers, bends, tees etc including fixing at wall/ ceiling level supported by clamp & hangers etc. cutting holes in wall/ floors/ slabs and making good the same with cement concrete 1:2:4 complete as required.</p>				
	32 mm dia.	metre	112	230	₹ 25,760.00

21	<p>Providing, fixing, jointing and testing in position of ISI marked UV stabilized UPVC pipes for rain water disposal, Type-B as per IS : 13592 suitable for rubber ring joints, including all necessary specials and fittings (confirming to IS:14735) i.e. bends, tees, junctions (with or without doors), reducers, couplers, expansion joints / bellows, cowels, clamps, rubber rings, MS gratings over pipes of bell mouth construction with epoxy painting etc. fixing at wall/ ceiling/ floor level supported by clamp & hangers etc. in concealed / inside duct / under floor / external work etc. including chase cutting as required, excavation and back filling in all kind of soils, suspended from floor under false ceiling or embedding the pipes laid under floors / building in 75 mm. around 1:2:4 cement concrete (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) including cost of shuttering for proper completion of the work, breaking and making good the walls and floors etc. after pipes have been duly laid and tested. The rubber ring shall confirm to IS: 5382.</p>				
	<p>The Pipes will be supported with threaded G I rods & clamps on 50x50x5 mm slotted angle. The cost will include all support arrangements. The work includes commissioning of all pipes lines as per drawings and specifications and as directed by engg-in-charge at site.</p>				
	75 mm dia (Wall Thickness - 3.2 to 3.8 mm)	metre	192	326	₹ 62,592.00
22	<p>Providing & fixing UPVC Floor trap of self-cleansing design with stainless steel grating complete in all respects.</p>				
	Multi Floor Trap (5" Ht) with height raiser and branch saddle strip of 50/75 mm outlet	each	27	335	₹ 9,045.00
	Plain Floor Trap (4" Ht) with 50 / 75 outlet and with height raiser	each	53	270	₹ 14,310.00
	P-Trap type Floor Trap 110 x 110 mm	each	13	425	₹ 5,525.00
23	<p>Supplying, fixing, testing and commissioning in position PP white Trap with minimum 50mm water seal with rubber seal on inlet to push fit hopper for indirect waste connections of the following sizes for sunken/underslung location including providing necessary support, joints, clamps & connections for fixing etc complete, including cutting chase / hole in floors / slabs and bringing the same in proper condition and shape after placing the trap in right position complete by supporting by clamps / hangers as required. The clamps, hangers shall be of the same recommended make as the pipe material.</p>	each	10	4955	₹ 49,550.00

24	Supplying, fixing, testing and commissioning of PP Inlet fitting with maximum 3 inlets 40,50 & 75 mm, fixed to P-Trap and set with proper sealing compound as per drawing complete as per requirement and as approved by the engineer-in-charge.	each	42	5735	₹ 2,40,870.00
25	Extra for providing & fixing 125 mm dia C.P. grating in place of C.I. grating over floor traps.	each	50	160	₹ 8,000.00
26	Providing & fixing of SS Floor Cleanout , round or square with rubber seal and flat round cover with screws and other required fitting complete as required.				
	110 mm dia.	each	1	1355	₹ 1,355.00
	160 mm dia.	each	4	1800	₹ 7,200.00
27	Providing & fixing 15 mm nominal bore 45 cm long plasticised PVC connection pipe with brass unions.				
	45 cm length				
	15 mm nominal bore	each	120	118.8	₹ 14,256.00
28	Providing and fixing C.P brass bib cock of approved quality conforming to IS standards IS: 8931.				
	15 mm nominal bore	each	40	583.25	₹ 23,330.00
29	Providing and fixing C.P brass long nose bib cock of approved quality conforming to IS standards and weighing not less than 810 gms.				
	15 mm nominal bore	each	1	712.6	₹ 712.60
30	Providing & fixing 15 mm nominal bore C.P brass Angle valve for basin mixer and geyser points of approved quality conforming to IS 8931.				
	15 mm nominal bore	each	350	582.35	₹ 2,03,822.50
31	Constructing brick masonry chamber 300 x 300 x 500 mm, inside with F.P.S. brick work in cement mortar 1: 4 (1 cement : 4 coarse sand) for Stop Cock , with C. I. surface box 100 x 100 x 75 mm (inside) with hinged cover fixed in cement concrete slab 1:2:4mix (1cement : 2 coarse sand:4 grade stone aggregate 20mm nominal size); necessary excavation, foundation concrete 1:5:10 (1 cement :5 fine sand: 10 graded stone aggregate 40mm nominal size) and inside plastering with cement mortar 1 : 3 (1 cement : 3 coarse sand) 12 mm thick finished with a floating coat of neat cement complete as per standard design				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	2	1735	₹ 3,470.00
32	Cutting holes up to 30 X 30 cm in walls including making good the same:				

	With common burnt clay F.P.S. (non modular) bricks	each	29	363.6	₹ 10,544.40
33	Providing, fixing, jointing and testing in position Polypropylene Random copolymer UV stabilized, anti microbial 3 layer PPR pipes (PN 16) confirming to EN ISO 15874 / DIN 8077 / DIN 8078, suitable for cold and hot water supply in concealed or exposed works complete with all necessary UV stabilized fittings (PN 25) i.e. elbows, tees, bends, couplers, reducers, unions, plugs, clamps at every 1 m spacing, including brass threaded transition fittings between PPR pipes and GI/CP i.e. brass adopter (both male and female threaded tee / elbows / couplers) including jointing the pipe and fittings by heated poly fusion welding device and by Teflon tape on threaded ends including cutting chases and making good the walls and properly clamped. All termination points for installation of faucets shall have brass terminal fittings including building expansion joint wherever pipe crosses exp joint and thermal expansion loop for hot water distribution, complete as required by the Engg-in-charge for proper completion of the work.				
	Internal work exposed on wall				
	25mm OD (wall thickness - 3.5 mm)	metre	79	180	₹ 14,220.00
	32mm OD (wall thickness - 4.4 mm)	metre	62	305	₹ 18,910.00
	40mm OD (wall thickness - 5.5 mm)	metre	60	455	₹ 27,300.00
34	Providing, fixing, jointing and testing in position Polypropylene Random copolymer UV stabilized, anti microbial 3 layer PPR pipes (PN 16) confirming to EN ISO 15874 / DIN 8077 / DIN 8078, suitable for cold and hot water supply in concealed or exposed works complete with all necessary UV stabilized fittings (PN 25) i.e. elbows, tees, bends, couplers, reducers, unions, plugs, clamps at every 1 m spacing, including brass threaded transition fittings between PPR pipes and GI/CP i.e. brass adopter (both male and female threaded tee / elbows / couplers) including jointing the pipe and fittings by heated poly fusion welding device and by Teflon tape on threaded ends including cutting chases and making good the walls and properly clamped. All termination points for installation of faucets shall have brass terminal fittings including building expansion joint wherever pipe crosses exp joint and thermal expansion loop for hot water distribution, complete as required by the Engg-in-charge for proper completion of the work.				
	Concealed work including cutting chase and making good the wall etc.				

	20mm OD (wall thickness - 2.8 mm)	metre	954	140	₹ 1,33,560.00
	25mm OD (wall thickness - 3.5 mm)	metre	35	180	₹ 6,300.00
35	INSULATION TUBING FOR HOT WATER PIPES Providing and fixing thermal insulation tubing for hot water pipes (exposed / chases / burried locations), a elastomeric flexible material having hermetic blister closed cell structure of expanded synthetic rubber over pipes and black tape for fixing of insulation of following nominal bores and thickness including all required accessories, protection as per manufacturer's recommendations, complete in al respect.				
	9 mm Thick for concealed pipes				
	20 mm OD	Rm	385	135	₹ 51,975.00
	25 mm OD	Rm	30	165	₹ 4,950.00
36	Providing and placing on terrace (at all floor levels) polyethylene water storage tank , IS : 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.				
	Circular tank	Per Ltr	5000	8.75	₹ 43,750.00
37	Providing & fixing of hand lever operated forged brass body full way ball valve type isolating valve having forged brass hard chrome plated mirror finish ball, steel handle with PVC grip, teflon seat, screwed ends tested to a pressure of 15 kg/sqcm complete.				
	20 mm nominal bore	each	56	520	₹ 29,120.00
	25 mm nominal dia	each	16	850	₹ 13,600.00
	32 mm nominal bore	each	8	1450	₹ 11,600.00
38	Providing & fixing brass ball float valve with bronze floats of approved quality complete.				
	25 mm nominal dia	each	8	1600	₹ 12,800.00
39	Providing & fixing of medium class G.I.spout up to 300 mm. length including cutting and making good the walls and floors etc. as required.				
	a) 25 mm dia	each	15	180	₹ 2,700.00
40	Excavating trenches of required width for pipes, cable, etc including excavation for sockets and dressing of sides, ramming of bottoms, depth upto 1.50m including getting out the excavated soil & then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc & disposing of surplus excavated soil as directed within a lead of 50m.				
	All kinds of soil				

	Pipes cables etc. exceeding 80 mm dia. But not exceeding 300mm dia.	metre	66	352.15	₹ 23,241.90
41	Providing, laying and jointing PVC Eco Drain SN 8 as per IS:16098 including including testing of joints etc. complete. (For Sewer)				
	160 mm diameter	metre	66	1900	₹ 1,25,400.00
42	Constructing brick masonry manhole in cement mortar 1 : 4 (1 cement : 4 coarse sand) with RCC top slab with 1 : 2 : 4 mix (1 cement : 2 coarse sand : 4 grade stone aggregate 20mm nominal size); foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 (1cement 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finishd with a floating coat of neat cement complete as per standard design				
	Inside size 90 x 80 cm & 45 cm deep including CI cover with frame (light duty) 455 x 610mm internal dimensions, total weight of cover & frame to be not less than 38 kg (weight of cover 23 kg and weight of frame 15 kg)	each	1	11535.88	₹ 11,535.88
	With common burnt clay F.P.S. (non modular) bricks of classic designation 7.5				
43	Constructing brick masonry manhole / Inspection Chamber with F.P.S. bricks in cement mortar 1 : 4 (1 cement : 4 coarse sand) RCC top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 grade stone aggregate 20mm nominal size); foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 (1cement : 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete with PVC encased 12 mm dia steel bar foot rests fixing with 20x20x10 cm cement concrete blocks 1:2:4, including fixing of CI / SFRC / PCCC MH cover and frame in 150 mm thick cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) including centering, shuttering, excavation, refilling and disposal of surplus earth as directed complete in all respect.				
	Inside size 600 x 600 mm & 450 mm deep	each	8	13000	₹ 1,04,000.00
44	Extra for depth for manholes:				

	size 90 X 80 cm				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Mtr	0.5	9059.2	₹ 4,529.60
	size 60 X 60 cm				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Mtr	1.5	10400	₹ 15,600.00
45	Providing and fixing square mouth S. W. Gully trap class SP-1 complete with C.I. grating brick masonry chamber with water tight CI cover with frame of 300 x 300 mm size (inside) the weight of cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design				
	180 x 150 mm. size P type	each	2	2620.6	₹ 5,241.20
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5				
46	Providing M.S. foot rests including fixing in manholes with 20x20x10 cm cement concrete blocks 1:3:6 (1 cement : 3 coarse sand : 6 graded stone aggregate 20 mm nominal size) as per standard design:				
	With 20x20 mm square bar	each	50	544.7	₹ 27,235.00
47	Excavating trenches of required width for pipes, cable, etc including excavation for sockets and dressing of sides, ramming of bottoms, depth upto 1.50m including getting out the excavated soil & then returning the soil as required, in layers not exceeding 20 cm in depth including consolidating each deposited layer by ramming, watering, etc & disposing of surplus excavated soil as directed within a lead of 50m.				
	All kinds of soil				
	Pipes cables etc. exceeding 80 mm dia. But not exceeding 300mm dia.	metre	60	352.15	₹ 21,129.00
48	Providing, laying and jointing PVC Eco Drain pipes for storm water drainage system as per IS:16098 including including testing of joints etc. complete.				
	150 mm. dia. PVC Pipe	metre	45	1900	₹ 85,500.00
49	Providing and laying cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone agg. 40 mm nominal size) in bedding / haunches / encasing around Sewer Pipes including bed concrete as per standard design.				
	150 mm diameter PVC pipes	cum	18	5202.9	₹ 93,652.20

50	Constructing brick masonry manhole / Inspection Chamber with F.P.S. bricks in cement mortar 1 : 4 (1 cement : 4 coarse sand) RCC top slab with 1:1.5:3 mix (1 cement : 1.5 coarse sand : 3 grade stone aggregate 20mm nominal size); foundation concrete 1:4:8 mix (1 cement : 4 coarse sand : 8 graded stone aggregate 40 mm nominal size) inside plastering 12 mm thick with cement mortar 1:3 (1cement : 3 coarse sand) finished with a floating coat of neat cement and making channels in cement concrete 1:2:4 (1cement : 2 coarse sand: 4 graded stone aggregate 20 mm nominal size) finished with a floating coat of neat cement complete with PVC encased 12 mm dia steel bar foot rests fixing with 20x20x10 cm cement concrete blocks 1:2:4, including fixing of CI / SFRC / PCCC MH cover and frame in 150 mm thick cement concrete 1:2:4 (1cement : 2 coarse sand : 4 graded stone aggregate of 20 mm nominal size) including centering, shuttering, excavation, refilling and disposal of surplus earth as directed complete in all respect.				
	Inside size 600 x 600 mm & 450 mm deep	each	2	13000	₹ 26,000.00
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	Meter	0.5	10400	₹ 5,200.00
51	Constructing brick masonry road gully chamber 50x45x60 cm with bricks in cement mortar 1:4 (1 cement : 4 coarse sand) including 500x450 mm pre-cast R.C.C. horizontal grating with frame complete as per standard design :				
	With common burnt clay F.P.S. (non modular) bricks of class designation 7.5	each	10	5679.6	₹ 56,796.00
				Total:	₹ 31,43,779.83

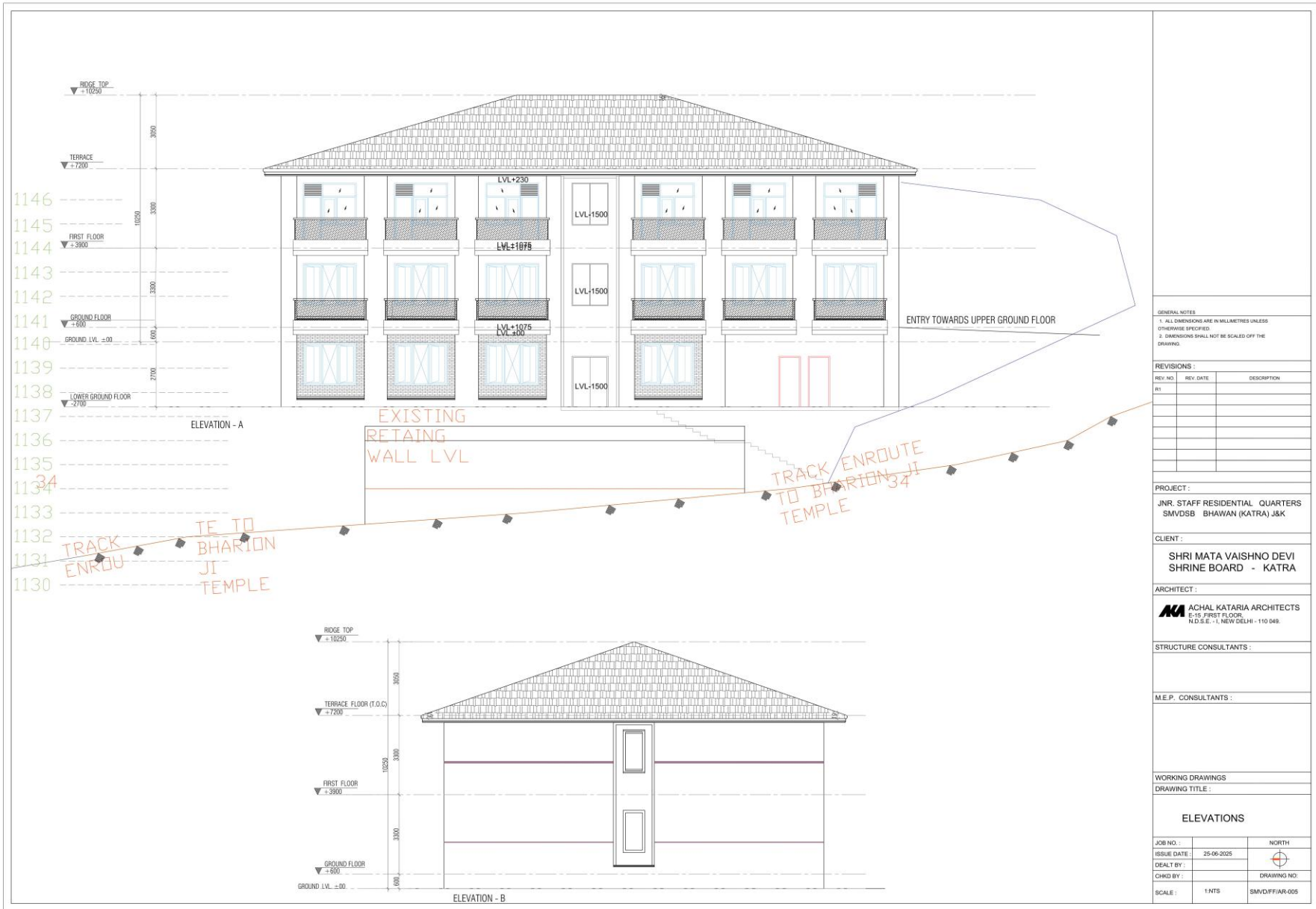
Sd/-
(Dhruv Gupta), JKAS
Asstt. Chief Executive Officer

No: CO/Proj./171-I/1198
Dated: 01.12.2025



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**

**DRAWINGS
(Annexure-IV)**



GENERAL NOTES
 1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
 2. DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWING.

REVISIONS :

REV. NO.	REV. DATE	DESCRIPTION

PROJECT :
 JNR. STAFF RESIDENTIAL QUARTERS
 SMVDSB BHAWAN (KATRA) J&K

CLIENT :
 SHRI MATA VAISHNO DEVI
 SHRINE BOARD - KATRA

ARCHITECT :
AKA ACHAL KATARIA ARCHITECTS
 E-15, FIRST FLOOR,
 N.D.S.E.-1, NEW DELHI - 110 048.

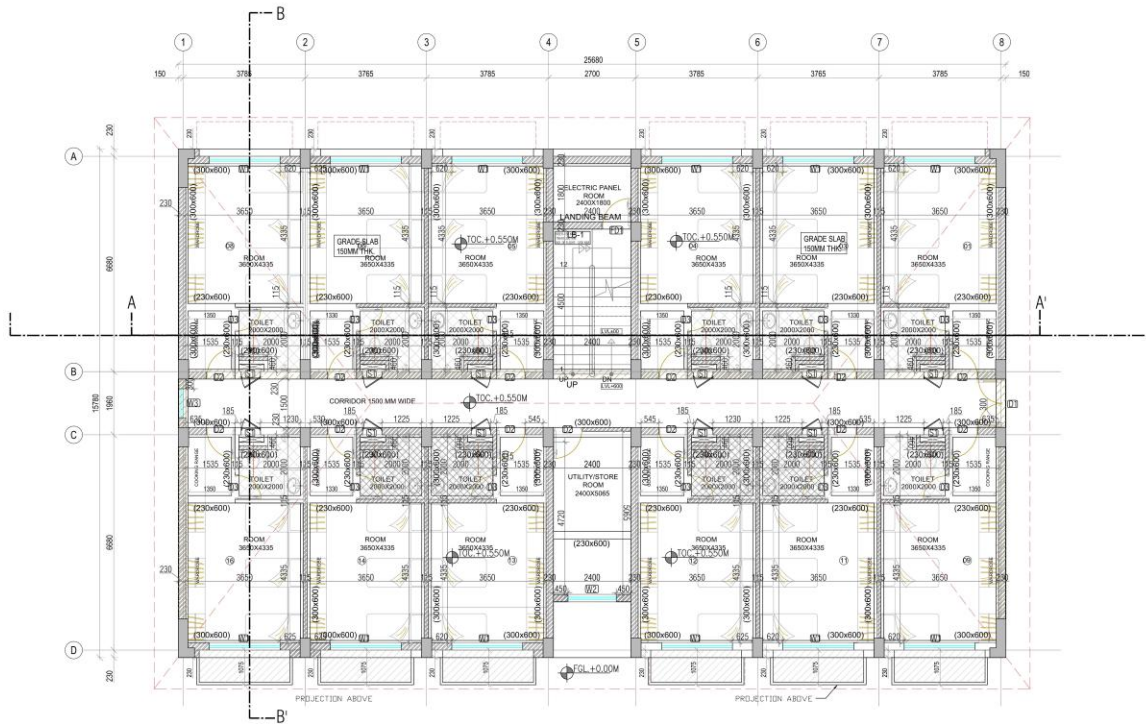
STRUCTURE CONSULTANTS :

M.E.P. CONSULTANTS :

WORKING DRAWINGS
 DRAWING TITLE :

ELEVATIONS

JOB NO. :		NORTH
ISSUE DATE :	25-06-2025	
DEALT BY :		
CHGD BY :		DRAWING NO.:
SCALE :	1:NTS	SMV/FF/AR-005



FIRST FLOOR PLAN

LOWER GROUND FLOOR PLAN
 UNIT AREA = 21.46SQ. M. (262 SQ. FT.) INCLUDING ONE ATTACH TOILET & PANTRY)
 TOTAL PLINTH AREA OF LOWER GROUND FLOOR=183.35 SQM (INCLUDING TOILET)
 HEIGHT = LOWER GROUND + 2
 TOTAL PLINTH AREA OF TYPICAL FLOOR=435.00 SQM
 TOTAL AREA OF BLOCK =180+435 + 435 =1050.00 SQ.M.
 TOTAL ROOMS = 24 X TRIPLE OCCUPANCY = 72 PAX

DOOR /WINDOW OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	CILL LVL.	LINTEL
1.	D1	1500	2100	-	2100
2.	D2	900	2100	-	2100
3.	D3	750	2100	-	2100
4.	DW1	2650	2650	00/900	2650
5.	W1	2200	2650	900	2650
6.	W2	1500	1750	900	2650
7.	W3	900	1750	900	2650
8.	FD1	900	2100	-	2100
9.	S1	900	1800	300	2100

LEGENDS

- 230'115 MM BRICK WALL
- 300 MM SUNKEN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWING.

REVISIONS :

REV. NO.	REV. DATE	DESCRIPTION
R1		

PROJECT :

JNR. STAFF RESIDENTIAL QUARTERS
 SMVDSB BHAWAN (KATRA) J&K

CLIENT :

SHRI MATA VAISHNO DEVI
 SHRINE BOARD - KATRA

ARCHITECT :

AKA ACHAL KATARIA ARCHITECTS
 E-15, FIRST FLOOR,
 N.D.S.E.-1, NEW DELHI - 110 048.

STRUCTURE CONSULTANTS :

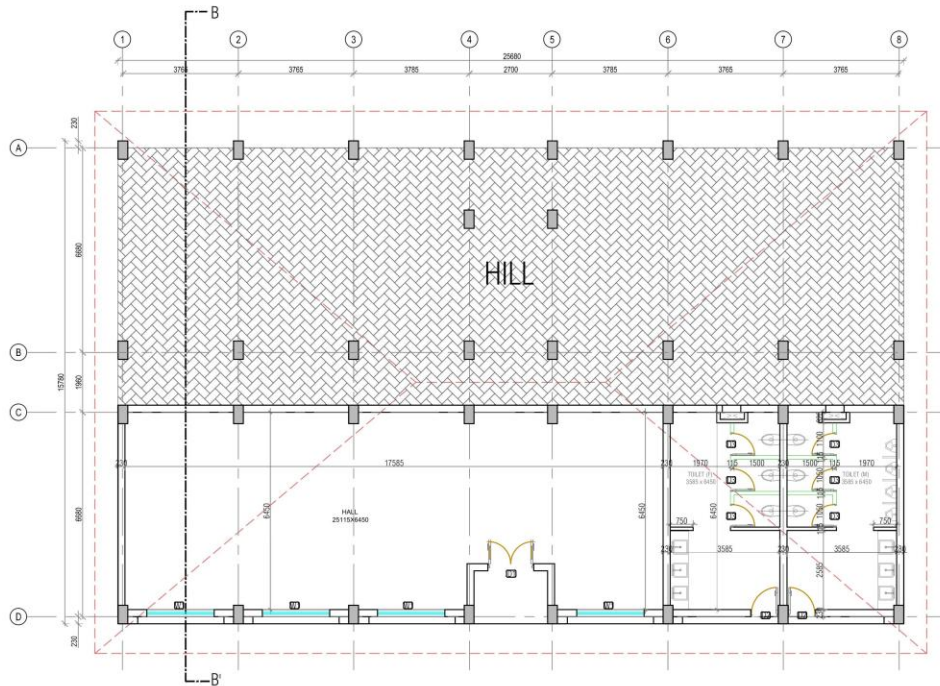
M.E.P. CONSULTANTS :

WORKING DRAWINGS

DRAWING TITLE :

FIRST FLOOR PLAN

JOB NO. :		NORTH
ISSUE DATE:	25-06-2025	
DEALT BY :		
CHGD BY :		DRAWING NO:
SCALE :	1:NTS	SMV/DF/AR-002



LOWER GROUND FLOOR PLAN

LOWER GROUND FLOOR PLAN
 UNIT AREA = 21.46SQ. M. (262 SQ. FT.) INCLUDING ONE ATTACH TOILET & PANTRY)
 TOTAL PLINTH AREA OF lower GROUND FLOOR=183.35 SQM (INCLUDING TOILET)
 HEIGHT = LOWER GROUND + 2
 TOTAL PLINTH AREA OF TYPICAL FLOOR=435.00 SQM
 TOTAL AREA OF BLOCK =180+435 + 435 =1050.00 SQ.M.
 TOTAL ROOMS = 24 X TRIPLE OCCUPANCY = 72 PAX

DOOR /WINDOW OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	CILL LVL.	LINTEL
1.	D1	1500	2100	-	2100
2.	D2	900	2100	-	2100
3.	D3	750	2100	-	2100
4.	DW1	2650	2650	00/900	2650
5.	W1	2200	2650	900	2650
6.	W2	1500	1750	900	2650
7.	W3	900	1750	900	2650
8.	FD1	900	2100	-	2100
9.	S1	900	1800	300	2100

LEGENDS

- 230/115 MM BRICK WALL
- 300 MM SUNKEN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWING.

REVISIONS :

REV. NO.	REV. DATE	DESCRIPTION

PROJECT :

JNR. STAFF RESIDENTIAL QUARTERS
 SMVDSB BHAWAN (KATRA) J&K

CLIENT :

SHRI MATA VAISHNO DEVI
 SHRINE BOARD - KATRA

ARCHITECT :

AKA ACHAL KATARIA ARCHITECTS
 E-15 FIRST FLOOR
 N.D.S.E. - I, NEW DELHI - 110 049.

STRUCTURE CONSULTANTS :

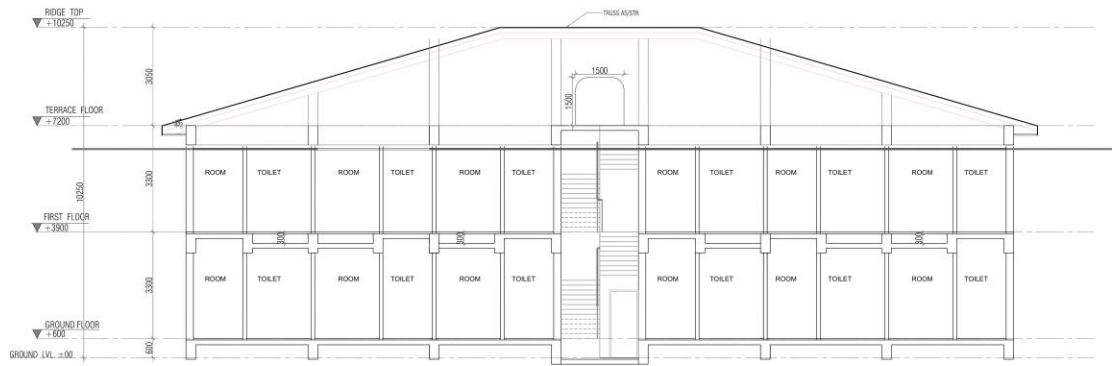
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WORKING DRAWINGS

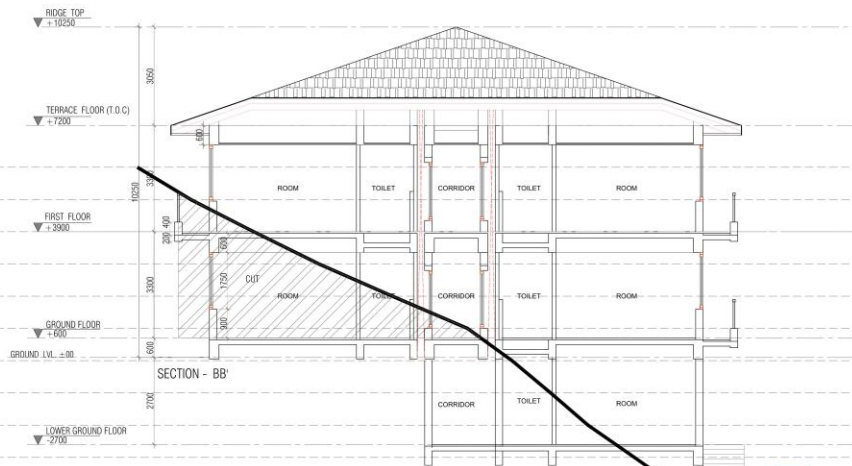
DRAWING TITLE :

GROUND FLOOR PLAN

JOB NO.:		NORTH
ISSUE DATE:	10-04-2025	
DEALT BY:		
CHGD BY:		DRAWING NO.:
SCALE:	1:NTS	SMVD/GF/AR-001



SECTION - AA'



SECTION - BB'

1146
1145
1144
1143
1142
1141
1140
1139
1138
1137
1136
1135
1134
1133

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWING.

REVISIONS :

REV. NO.	REV. DATE	DESCRIPTION
R1		

PROJECT :

JNR. STAFF RESIDENTIAL QUARTERS
SMVDSB BHAWAN (KATRA) J&K

CLIENT :

SHRI MATA VAISHNO DEVI
SHRINE BOARD - KATRA

ARCHITECT :

AKA ACHAL KATARIA ARCHITECTS
E-15, FIRST FLOOR,
N.D.S.E.-1, NEW DELHI - 110 048.

STRUCTURE CONSULTANTS :

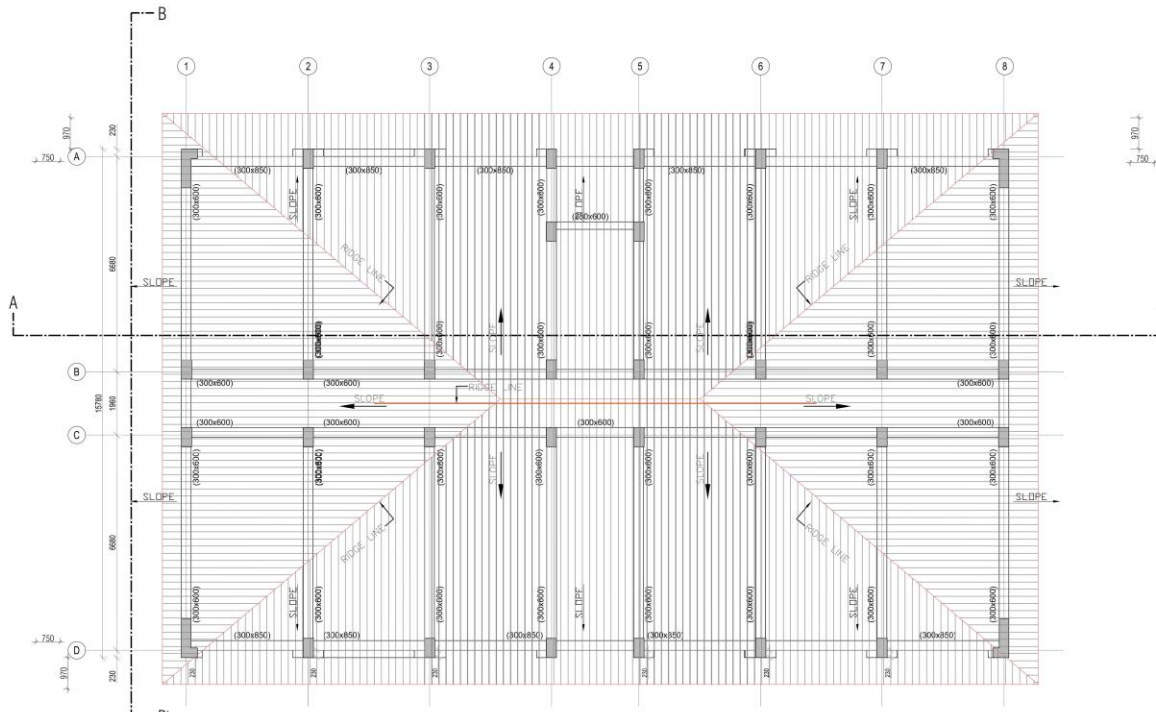
M.E.P. CONSULTANTS :

WORKING DRAWINGS

DRAWING TITLE :

SECTIONS

JOB NO. :		NORTH
ISSUE DATE :	25-06-2025	
DEALT BY :		
CHGD BY :		DRAWING NO:
SCALE :	1/NTS	SMV/DF/AR-004



ROOF PLAN

LEGENDS

- 230'115 MM BRICK WALL
- 300 MM SUNKEN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWING.

REVISIONS :

REV. NO.	REV. DATE	DESCRIPTION
R1		

PROJECT :

JNR. STAFF RESIDENTIAL QUARTERS
SMVDSB BHAWAN (KATRA) J&K

CLIENT :

SHRI MATA VAISHNO DEVI
SHRINE BOARD - KATRA

ARCHITECT :

AKA ACHAL KATARIA ARCHITECTS
E-15, FIRST FLOOR,
N.D.S.E.-1, NEW DELHI - 110 048.

STRUCTURE CONSULTANTS :

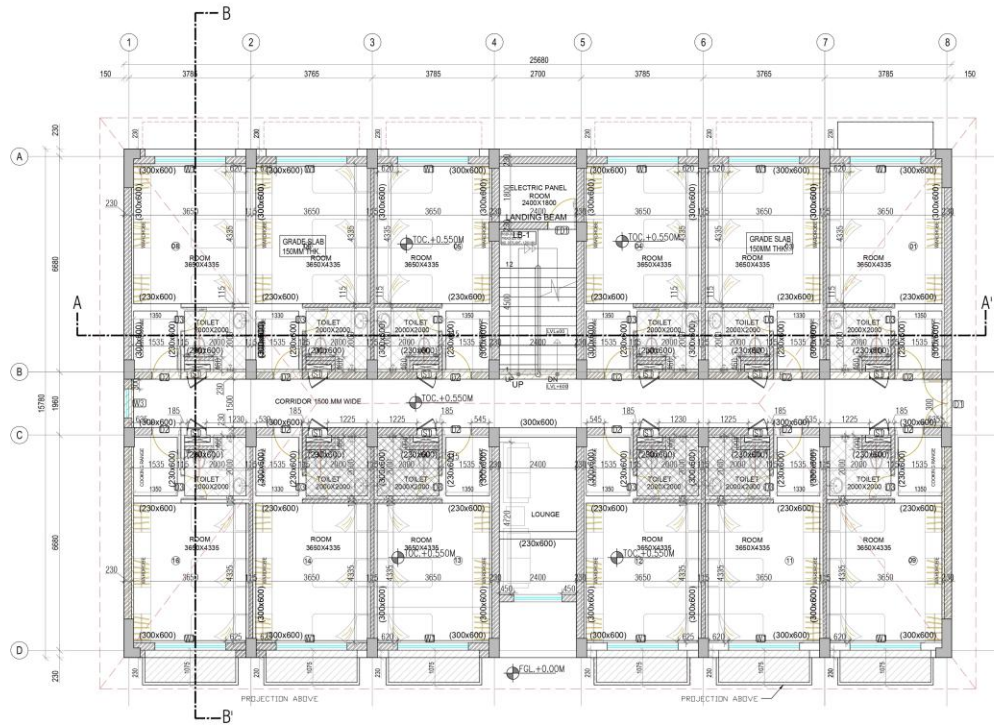
M.E.P. CONSULTANTS :

WORKING DRAWINGS

DRAWING TITLE :

ROOF PLAN

JOB NO. :		NORTH
ISSUE DATE :	25-06-2025	
DEALT BY :		
CHGD BY :		DRAWING NO.:
SCALE :	1:NTS	SMV/FF/AR-003



UPPER GROUND FLOOR PLAN

LOWER GROUND FLOOR PLAN
 UNIT AREA = 21.46SQ. M. (262 SQ. FT.) INCLUDING ONE ATTACH TOILET & PANTRY)
 TOTAL PLINTH AREA OF LOWER GROUND FLOOR=183.35 SQM (INCLUDING TOILET)
 HEIGHT = LOWER GROUND + 2
 TOTAL PLINTH AREA OF TYPICAL FLOOR=435.00 SQM
 TOTAL AREA OF BLOCK =180+435 + 435 =1050.00 SQ.M.
 TOTAL ROOMS = 24 X TRIPLE OCCUPANCY = 72 PAX

DOOR /WINDOW OPENINGS

S.NO.	TYPE	WIDTH	HEIGHT	CILL LVL.	LINTEL
1.	D1	1500	2100	-	2100
2.	D2	900	2100	-	2100
3.	D3	750	2100	-	2100
4.	DW1	2650	2650	00/900	2650
5.	W1	2200	2650	900	2650
6.	W2	1500	1750	900	2650
7.	W3	900	1750	900	2650
8.	FD1	900	2100	-	2100
9.	S1	900	1800	300	2100

LEGENDS

- 230/115 MM BRICK WALL
- 300 MM SUNKEN

GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SPECIFIED.
2. DIMENSIONS SHALL NOT BE SCALED OFF THE DRAWING.

REVISIONS :

REV. NO.	REV. DATE	DESCRIPTION
R1		

PROJECT :

JNR. STAFF RESIDENTIAL QUARTERS
 SMVDSB BHAWAN (KATRA) J&K

CLIENT :

SHRI MATA VAISHNO DEVI
 SHRINE BOARD - KATRA

ARCHITECT :

AKA ACHAL KATARIA ARCHITECTS
 E-15, FIRST FLOOR,
 N.D.S.E. - I, NEW DELHI - 110 048.

STRUCTURE CONSULTANTS :

M.E.P. CONSULTANTS :

WORKING DRAWINGS

DRAWING TITLE :

GROUND FLOOR PLAN

JOB NO. :		NORTH
ISSUE DATE :	25-06-2025	
DEALT BY :		
CHGD BY :		DRAWING NO.:
SCALE :	1:NTS	SMVD/GF/AR-001A
		R1



**Office of the Chief Executive Officer
Shri Mata Vaishno Devi Shrine Board, Katra**

**LIST OF PREFERRED MAKES FOR CIVIL AND ELECTRICAL WORKS
(Annexure-V)**

Sub: Construction of Staff Residential Quarters & Retaining Wall Structure at SMVDSB Bhawan (Katra)

S.No.	Name of Product/ Material	Preferred Brand Names
1	ORDINARY PORTLAND CEMENT (GREY) (43 GRADE)	ACC, ULTRATECH, VIKRAM, SHREE CEMENT, AMBUJA, JAYPEE CEMENT, CENTURY CEMENT & J.K. CEMENT.
2	PORTLAND POZZOLONA CEMENT (GREY) (43 GRADE)	ACC, ULTRATECH, VIKRAM, SHREE CEMENT, AMBUJA, JAYPEE CEMENT, CENTURY CEMENT & J.K. CEMENT.
3	WHITE CEMENT	J.K. WHITE, JAIPUR SUPREME PACKAGING PVT. LTD., ULTRATECH CEMENT LIMITED.
4	REINFORCEMENT STEEL	SAIL, TATA STEEL LTD., RINL, JINDAL STEEL & POWER LTD. AND JSW STEEL LTD.
5	ADMIXTURES	CICO, FAIRMATE, HIND PLAST SUPER, SUPAPLAST, SIKA
6	WATER PROOFING COMPOUND	FOSROC, CICO, KRYTON, BUILDMATE, PIDLITE, PRIYA ENTERPRISES, FAIRMATE, SIKA
7	READY MIX CONCRETE	M/S L&T CONCRETE (LAFARGE), ULTRATECH CEMENT LTD., ACC CONCRETE LTD., RMC READY MIX (INDIA) PVT. LTD.
8	AUTOCLAVED AERATED BLOCKS	BILTECH, ECO GREEN, FINECRETE, J.K. LAKSHMI CEMENT LTD.
9	POLYMER MODIFIED ADHESIVE FOR AAC BLOCKS	MYK LATICRETE, FERROUS CRETE, ARDEX ENDURA, ULTRATECH, SIKA.
10	FACTORY MADE PANELLED & WIRE GAUGE WOODEN DOOR/ WINDOW SHUTTERS.	M/S JAIN WOOD INDUSTRIES, KUTTY DOORS, SAMRAT PLYWOOD, NEW JAGDAMBA DOORS, MERINO, KITPLY, AS TIMBER, JAIN DOORS PVT. LTD.
11	FLUSH DOOR SHUTTERS	KUTTY FLUSH DOOR, SAMRAT LAMINATE, NATIONAL PLYWOODS, JAIN WOOD INDUSTRIES, MERINO, MINIMAX, CENTURY, AS TIMBER. ORION, JAIN DOORS PVT. LTD.
12	BLOCK BOARD	MERINO, MINIMAX, NATIONAL, ARCHIDPLY, CENT PLY, JAYNA, CENTURY.
13	LAMINATES	SAMRAT, VIRGO, MERINO, ARCHIDPLY, CENTURY LAMINATES, GREENLAM
14	PRE-LAMINATED PARTICLE BOARD	ARCHIDPLY, CENTURY PLY BOARDS, BALAJI ACTION BUILDWELL, ECOBOARD
15	PARTICLE BOARD (MEDIUM DENSITY)/ VENEERED PARTICLE BOARD	CENTURY PLYBOARDS (INDIAN) LTD., BALAJI ACTION BUILDWELL, EVERGREEN BOARDLAM, ECOBOARD INDUSTRIES LTD.
16	PRE-LAMINATED MEDIUM DENSITY FIBRE BOARD	CENTURY PLYBOARDS, GREEN PLY, BALAJI ACTION BUILDWELL

17	OMS/ MS DOOR FITTINGS	ASHISH, AGGARWAL STEELS, DOOR DEVICES MANUFACTURING COMPANY, MANU ENGINEERING COMPANY, M.C. MOWJEE & CO., SHRI GANPATI DOORS
18	TOILET CUBICALS	GREELAM, MERINO, DORMA
19	STAINLESS STEEL DOOR/WINDOW HARDWARE FITTINGS (FIRE RATED AND NON-FIRE RATED)	DORMA, ASSA ABLOY, GEZE, D-LINE
(i)	FIRE RATED BALL BEARING HINGES OF STEEL GRADE SS304	GEZE MODEL NO. 98850001 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(ii)	FIRE RATED DEAD LOCK BOTH SIDE KEY OPERATION	GEZE MODEL NO. 98484002 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(iii)	PANIC BAR 1&2 POINT LOCKING PANIC BOLT (DOOR Ht. UPTO 2400MM)	GEZE MODEL NO. 98536301 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(iv)	EXTERNAL TRIM WITH LEVER HANDLE	GEZE MODEL NO. 98536302 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(v)	AUTOMATIC DOOR METAL SEAL	GEZE MODEL NO. 98427392 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(vi)	SURFACE MOUNTED RACK & PINION FIRE RATED DOOR CLOSER (DOOR WT. 100 KG)	GEZE MODEL NO. 1010008 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(vii)	PULL HANDLE BACK TO BACK, LENGTH 300MM OF STEEL GRADE SS 304	GEZE MODEL NO. 98163135 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(viii)	FLOOR STOPPER OF HALF DOME OF 45MM DIA OF STEEL GRADE SS 304	GEZE MODEL NO. 98487003 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(ix)	LEVER HANDLE IN SS 304 FINISH	GEZE MODEL NO. 98482004 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(x)	GRAB BAR OF LENGTH 610MM, 25MM DIA	GEZE MODEL NO. 98163011 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(xi)	SURFACE MOUNTED RACK & PINION DOOR CLOSER	GEZE MODEL NO. 1010001 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(xii)	KICK PLATE 0.9MM THICKNESS IN SS 304 FINISH	GEZE MODEL NO. 98167014 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(xiii)	FIRE SEAL	DORMA RP55 OR EQUIVALENT MODEL OF ASSA ABLOY, GEZE MODEL NO. 98427392, D-LINE, GODREJ
(xiv)	PUSH PLATE IN SS 304 GRADE	DORMA MODEL NO. 1100 OR EQUIVALENT MODEL OF ASSA ABLOY, GEZE, D-LINE, GODREJ
(xv)	DUST EXCLUDING SOCKET IN SS 304 GRADE	DORMA 3/24 OR EQUIVALENT MODEL OF ASSA ABLOY, GEZE MODEL NO. 98487007, D-LINE, GODREJ
(xvi)	LEVER ACTION FLUSH BOLT 300MM LENGTH	GEZE MODEL NO. 98307012 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(xvii)	BALL BEARING HINGES HAVING 5 KNUCKLE	GEZE MODEL NO. 98850001 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(xviii)	DEAD LOCK WITH 55MM	GEZE MODEL NO. 98344021 OR EQUIVALENT

	BASKET IN SS 304	MODEL OF DORMA, ASSA ABLOY, D-LINE
(xix)	DISABLE/ MALE/ FEMALE SIGN PLATE IN SS 304	GEZE MODEL NO. 8167003M,8167004F,8167005D OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE
(xx)	AUTOMATIC SLIDING GLASSDOOR	DORMA ES200 OR EQUIVALENT MODEL OF ASSA ABLOY, GEZE, D-LINE.
(xxi)	FLOOR SPRINGS SATIN STAINLESS STEEL	GEZE MODEL NO. 1740004,1740002 OR EQUIVALENT MODEL OF DORMA, ASSA ABLOY, D-LINE.
20	ANODISED/ ZINC ALLOY/ ALUMINIUM HARDWARE DOOR/ WINDOW FITTINGS	PULSE, SAVIO, HOPPE, ALUTECH
21	FRP DOOR FRAMES & SHUTTERS	ASHISH INDUSTRIES, JAYNA, SAINIK (CENTURY PLYWOOD), SELECTED PRODUCTS CO., JAIN DOORS PVT. LTD.
22	UPVC WINDOWS/ DOORS	VEKA, FENESTA, REHAU, PROMINANCE WINDOW SYSTEM, ALUPLAST, ENCRAFT.
23	UPVC WINDOW/ DOOR HARDWARE FITTINGS (ZINC ALLOY)	PULSE, HOPPE, GU, ROTO, GODREJ, KINLONG
24	WIDOWS BLINDS	VISTA, MAC, HUNTER, DOUGLAS, DE-DÉCOR
25	STRUCTURAL STEEL SUCH AS MS FLATS, SQ. BARS ANGLES ETC.	SAIL, TATA STEEL, RINL, JINDAL STEEL & POWER LTD. AND JSW STEEL LTD.
26	FIRE RATED DOORS (METTALIC/ NON METTALIC)	KUTTY DOORS, NAVAIR, PROMAT, SYNERGY THRISLINGTON, JAIN DOORS PVT. LTD.
27	HOT-ROLLED STEEL SECTIONS FOR MS DOORS, WINDOWS AND VENTILATORS	NAV DURGA STEEL CORPN, CRM STEELS P. LTD, SHYAM ISPAT UDYOG, VIMAL, SHIV
28	MILD STEEL DOOR, WINDOWS & VENTILATORS MANUFACTURERS	FRIENDS MANUFACTURING COMPANY, KOTKAPURA, PD INDUSTRIES, SHAKTI INDUSTRIES, STEELMAN INDUSTRIES, SKS STEEL INDUSTRIES, SHIVAM
29	PRESSED STEEL DOOR FRAMES MANUFACTURERS	KRISHNA STEEL FABRICATOR SIRSA, LAXMI STEEL WORKS BAHADURGARH, ASHISH INDUSTRIES GHAZIABAD, ASHWANI & SONS, SHRI GANPATI DOORS
30	HOLLOW STEEL SECTIONS	JINDAL INDUSTRIES HISAR, TATA STEEL, STEEL & METAL TUBES (INDIA) PVT. LTD.
31	STEEL TUBES FOR STRUCTURAL STEEL	JINDAL INDUSTRIES HISAR, TATA STEEL, STEEL & METAL TUBES (INDIA) PVT. LTD.
32	DASH/ ANCHORING FASTENERS, BOLTS, SCREWS AND NUTS.	HILTI, FISCHER, CKW, ATUL, PRIYA
33	STAINLESS STEEL RAILING	DORMA, KICH, OM STEEL, D-LINE.
34	CHEQUERRED PRE-CAST CC TILES	NTC, SWASTIK TILE, POOJA CONCRETE FABRICATORS, GTC.
35	CERAMIC TILES	SOMANY, KAJARIA, ORIENTBELL, RAK, ASIAN GRANITO INDIA LTD.
36	VITRIFIED TILES	SOMANY, KAJARIA, ORIENTBELL, RAK, ASIAN GRANITO INDIA LTD.
37	ADHESIVE/ GROUTING FOR USE WITH TILES	FERROUS CRETE, MYK LATICRETE, ARDEX EDURA, FAIRMATE, DURA BUILD CARE, SIKKA

38	WOODEN LAMINATE FLOORING	PERGO, KRONOTEX, FLORENCE, UNITEX, ACTION TESA
39	UNPLASTICISED RIGID PVC PIPE & FITTINGS	SUPREME, FINOLEX, PRINCE, KISAN, DIPLAST.
40	GALVANISED STEEL SHEETS (UNCOATED & PRE-COATED)	SAIL, TATA, JINDAL, NCL
41	ROOFING SHEETS (GALVALUME)	CRIL, LLOYDS, INTERACH, MULTICOLOR, BHUSHAN POWER STEEL
42	FALSE CEILING- GYPSUM	SAINT GOBAIN, VANS GYPSUM, USG BORAL, LLYOD
43	FALSE CEILING- METAL	ARMSTRONG, DEXUNE, SAINT GOBAIN, HUNTER DOUGLAS, GYPTECH
44	FALSE CEILING- CALCIUM SILICATE	HILUX, AEROLITE, ARMSTRONG, PROLAD
45	FALSE CEILING-MINERAL FIBRE	ARMSTRONG, DEIKEN, DEXUNE, SAINT GOBAIN, PROLAD
46	ACCOUSTIC: GLASS / WOODEN FIBRE FALSE CEILING AND WOODEN/ FABRIC WALL LINING	ARMSTRONG, DEXUNE, ACCOUSTIBLOK, HIMALYAN ACOUSTICS, ANUTONE, GYPTECH, PROLAD
47	FALSE CEILING-ALUMINIUM POWDER COATED	ARMSTRONG, DEXUNE, SAINT GOBAIN, HUNTER DOUGLAS
48	LIGHT WEIGHT GYPSUM PLASTER	SAINT GOBAIN, ULTRATECH, FERROUS CRETE, USG BORAL.
49	OIL BOUND DISTEMPER/ ACRYLIC DISTEMPER *	NEROLAC ACRYLIC DISTEMPER, TRACTOR ACRYLIC DISTEMPER (ASIAN PAINTS), MAXILITE ACRYLIC DISTEMPER (ICI), BISON ACRYLIC DISTEMPER (BERGER).
50	INTERIOR EMULSION/ PLASTIC EMULSION*	DULUX ACRYLIC EMULSION/ SOLITAIRE A-1000 (ICI), APCOLITE PREMIMUM EMULSION (ASIAN), BEAUTY GOLD (NEROLAC), SILK (BERGER)
51	ACRYLIC SMOOTH EXTERIOR PAINT*	APEX ULTIMA (ASIAN), DULUX WEATHERSHEILD MAX (ICI), EXCEL (NEROLAC), WEATHERCOAT ALL GUARD (BERGER)
52	DRY DISTEMPER*	NEROLAC, BERGER, ASIAN PAINTS, ICI, JENSON & NICHOLSON (J&N)
53	TEXTURED EXTERIOR PAINT*	NEROLAC, BERGER, ASIAN PAINTS, ICI
54	SYNTHETIC ENAMEL PAINTS*	DULUX HI-GLOSS (ICI), APCOLITE PREMIMUM GLOSS (ASIAN), NEROLAC HIGH GLOSS (NEROLAC), LUXOL HI-GLOSS (BERGER)
55	WOOD PRIMER*	NEROLAC, BERGER, ASIAN PAINTS, ICI
56	STEEL PRIMER*	NEROLAC, BERGER, ASIAN PAINTS, ICI
57	EXTERIOR WALL PRIMER*	EXTERIOR NEROLAC PRIMER, EXTERIOR BERGER PRIMER, EXTERIOR ASIAN PAINTS PRIMER, EXTERIOR ICI PRIMER
58	WALL PUTTY (WHITE CEMENT BASED)	BIRLA WALL CARE, JK WHITE, SARA WALL PUTTY
59	POLYMER MODIFIED SELF CURING PLASTER	MYK LATICRETE, FERROUS CRETE, ARDEX ENDURA, ULTRATECH
60	PAVER/ GRASS PAVER BLOCKS & KERB STONES	NATIONAL TILES CORPORATION, SARAL IMPEX, BALAJI TILES, METRO PAVERS, MGM INFRA, KRISHNA TILES, POOJA CONCRETE FABRICATORS, GIAN NIRMAN LIMITED, A-1

		TILES
61	VITREOUS CHINA SANITARY WARE	HINDWARE, CERA, PARRYWARE, JOHNSON PEDDER, SOMANY.
(I)	WHITE VITREOUS CHINA UNDER COUNTER RECTANGULAR BASIN	CERA CAT. NO. S 2030104 OR EQUIVALENT MODEL OF HINDWARE, PARRYWARE, JOHNSON PEDDER, SOMANY
62	PLASTIC FLUSHING CISTERN FOR WC AND URINALS	JINDAL, STEEL BIRD, SEEMLINE, VIKRAM PLASTIC, PRAYAG POLYMERS (P) LTD.
63	PLASTIC SEAT COVER OF W.C.	AJANTA POLYMERS, JINDAL MALPINE, JAIN POLYMERS
64	STAINLESS STEEL SINK	ALLEX, JAYNA, JMD INTERNATIONAL, STEEL CRAFT
65	MIRROR GLASS	ATUL, MODIGUARD, GOLDEN FISH
66	CENTRIFUGALLY CAST (SPUN) IRON PIPES	NECO, BENGAL IRON, DURGAPUR ISPAT UDYOG, SINGHAL IRON FOUNDRY (SKF), KAPILANSH DHATU UDYOG PVT. LTD., RPMF, HIF.
67	HUBLESS CENTRIFUGALLY CAST (SPUN) IRON PIPES	NECO, RAJ PATTERN MAKERS & FOUNDERS, SINGHAL IRON FOUNDRY (SKF).
68	CP FITTINGS & ACCESSORIES	JAQUAR, HINDWARE, PRIMA, JAINKO, CERA, JAL
(i)	CP Brass Health Faucet 15 mm N.B.	CERA Cat. No. F8030301OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(ii)	CP Brass Auto closing pillar cock 15 mm	CERA Cat. No. F9020101 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(iii)	CP Brass sink mixer 15 mm	CERA Cat. No. F2002511 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(iv)	CP Brass towel rail 600mm long	CERA Cat. No. F5004103 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(v)	CP Brass towel ring	CERA Cat. No. F5002105 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(vi)	CP Brass shower with shower arm 450mm	CERA Cat. No. F7040106 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(vii)	Liquid soap dispenser with CP Brass holder and glass bottle of 300ml capacity	CERA Cat. No. F5007111 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(viii)	CP Brass wall mixer 15 mm	CERA Cat. No. F3002401 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(ix)	CP BRASS BIB COCK 15mm NB	CERA Cat. No. F2002151 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(x)	CP BRASS LONG NOSE BIB COCK 15mm NB	CERA Cat. No. F2002152 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
(xi)	CP BRASS LONG BODY BIB COCK 15mm NB	CERA Cat. No. F3002152 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL

(xii)	CP BRASS ANGL VALVE 15mm NB	CERA Cat. No. F2002201 OR EQUIVALENT MODEL OF JAQUAR, HINDWARE, JAINKO, PRIMA, JAL
69	BRASS STOP & BIB COCK	DHAWAN SANITARY UDYOG, JAINKO, SHAKTI, VARDHMAN INDIA PRODUCTS
70	FERRULES FOR WATER SUPPLY	HIND METAL WORKS, KRITIKA, DRP, SHAKTI
71	BALL COCK WITH ROD	RESP FAUCET INDUSTRIES, DHAWAN SANITARY UDYOG, NEW METAL WORKS, KPR, PRAYAG.
72	POLYETHYLENE WATER STORAGE TANK	SINTEX, VECTUS, KAVERI
73	STONEWARE PIPES & GULLY TRAPS	SORKHI INDUSTRIES, RK INDUSTRIES, NAVNEET, MOLI CERAMICS, OCR, ANAND
74	PRE-CAST CONCRETE PIPES (NON-PRESSURE)	RAMNIK, BFSP, JAGDAMBAY SPUN PIPE, GURKIRPA SPUN PIPES
75	GI PIPE	JINDAL (HISSAR), TATA, BST, BHUSHAN POWER STEEL
76	GI FITTINGS	UNIK, AVR, ZOLOTO, SANT, HBI, C-BRAND, NVR
77	C-PVC PIPE	PRINCE, JINDAL (FLOWKEM), ASTRAL, AJAY POLYMERS, SUPREME, FINOLEX, JAIN PIPES
78	WATER METER	CRESCENT, PRINCE, FEDREL, DASHMESH, NBESON, SANT
79	GUN METAL GATE, GLOBE, CHECK VALVES & NON-RETURN VALVES	LEADER, ZOLOTO, SANT, RAJAN METAL INDUSTRIES, SIR, H.B. METALS, HVI, NVR.
80	CENTRIFUGALLY CAST (SPUN) IRON PIPES (CLASS LA).	TRU FORM ENGINEERS, KAPILANSH, ELECTROSTEEL, HITECH METAL CASTINGS.
81	C.I. SLUICE VALVES & REFLEX VALVES	ZOLOTO INDUSTRIES, SANT VALVES, AMCO INDUSTRIES, KIRLOSKAR, SIR, RATAN INDUSTRIAL CORPORATION, HVI, NVR.
82	STAINLESS STEEL PIPES & FITTINGS	JINDAL STAINLESS STEEL, OM STEEL GROUP, V STEEL, VIEGA, RAMPART INDIA PVT. LTD.,
83	DUCTILE IRON PIPES & FITTINGS	JINDAL SAW LTD, ELECTRO STEEL, CHANDRANCHAL INFRA, ELECTROTHERAM
84	C.I./ D.I. MANHOLE COVERS & FRAMES	SWASTIKA ENTERPRISES, BENGAL IRON CORPORATION, NECO, BINAY UDYOG, CHANDERANCHAL
85	WATER REPELLANT SILANE CHEMICAL	PIDILITE, FERROUS CRETE, ARDEX ENDURA
86	ALUMINIUM SECTIONS	HINDALCO, JINDAL, INDIAN ALUMINIUM CO.
87	BASIC/ TOUGHENED ETC. GLASS	SAINT GOBAIN, ASAHI, MODI, GOLD PLUS GLASS, PILINGTON.
88	APPROVED PROCESSORS FOR PERFORMANCE GLASS/ TOUGHENED GLASS/ HERMETICALLY SEALED/ LACQUERED GLASS etc.	ART & GLASS, MIRAGE TOUGHENED GLASSES (P) LTD., AAR PAR GLASS, VERMA GLASS.
89	STRUCTURAL GLAZING	ALCOB, ALUPRO, ALUPLAX, SP FABRICATORS, SAINT GOBAIN, GLAVERBEL.
90	FAÇADE GLASS OPENABLE FITTINGS	ALUALPHA, SAVIO, HOPPE, ALUTECH
91	GLASS FAÇADE/ GLASS	ALCOB, ALUPRO, ALUPLAX, SP

	CANOPY WITH SS SPIDER FITTINGS	FABRICATORS, SAINT GOBAIN, GLAVERBEL.
92	FRAMELESS GLAZING WITH SS PATCH FITTINGS	DORMA, ASSA ABLOY, GEZE, D-LINE

*Batch test certificate of paints and primer shall be supplied alongwith each lot.

PREFERRED MAKE LIST FOR ELECTRICAL WORKS		
S.NO.	Name of Item	Make
1	FRLS PVC Copper Wires	Havell's/ Polycab/Finolex/ Plaza/KEI
2	XLPE Cable's / PVC Al. Steel 3.5 Core Cables Armored.	Havell's/ Polycab/Finolex/ KEI /Plaza
3	PVC Conduit Pipes 2" Thick	National Gold, Poly Plast, Hi power & Plaza
4	PVC Bends 2" Thick	National Gold, Poly Plast, Hi power & Plaza
5	Modular Switch, Sockets, Plates, Box, Bell Switch, T.V Sockets, Telephone Sockets, Data Sockets Key Fob Switch etc.	Havell's Coral / Legrand Mylinc
6	TPN DB's Double door	ABB/Schinder & L&T
7	SPN DB Double Door	ABB/Schinder & L&T
8	TPN MCB 63 Amp. 4-pole (C-Curve)	ABB/Schinder & L&T
9	MCCB's 4-pole (C-Curve)	ABB/Schinder & L&T
10	MCB (C-Curve)	ABB/Schinder & L&T
11	SPN (C-Curve)	ABB/Schinder & L&T
12	RCCB (C-Curve)	ABB/Schinder & L&T
13	Telephone Cable	Havel's / Finolex
14	RG-6 Cable	Havel's / Finolex
15	RG-11 Cable	Havel's / Finolex
16	Led Surface Mounted Ceiling light 12 / 10 Watt	Osram / Wipro / Philips / Havell's & Syska
17	LED Tube Fitting 14/20 Watt 4 feet long (Batten)	Osram / Wipro / Philips / Havell's & Syska
18	LED Tube Fitting 4/5 Watt 1 feet long (Batten)	Osram / Wipro / Philips / Havell's & Syska
19	Ceiling Fan	Usha / Bajaj / Havell's / Crompton
20	Exhaust Fan	Usha / Bajaj / Havell's / Crompton
21	Prody Meter	Secure / Wipro / HPL etc
22	LED Lamps	Osram / Wipro / Philips / Havell's & Syska
23	Bulkhead Fitting	Osram / Wipro / Philips / Havell's & Syska

Sd/-
(Dhruv Gupta), JKAS
Asstt. Chief Executive Officer

No: CO/Proj./171-I/1198
Dated: 01.12.2025

CHECK LIST
(Technical Bid Qualification)

S.No.	DOCUMENTS	SUBMITTED	
		YES	NO
1.	Tender fee and EMD		
2.	Copies of original documents defining the constitution or legal status, place of registration and principal place of business.		
3.	Financial Turnover Certificate, year-wise, for the last three Financial Years i.e. 2022-23 to 2024-25, duly certified by the Chartered Accountant		
4.	Work Completion Certificates along with Letter of Awards of having executed and completed successfully works of similar nature as defined under Clause 3 of the Technical Eligibility Criteria, in any Govt. or Semi- Govt. Departments / Govt. PSU's / Autonomous Bodies during the last three years, duly issued by an officer, not below the rank of Executive Engineer or equivalent		
5.	Copy of PAN Card and GST registration certificate.		
6.	Reports on the financial standing of the bidder such as profit and loss statement, balance sheet for the last three Financial Years i.e. 2022-23 to 2024-25, duly certified by Chartered Accountant and supported with ITRs of the last three Financial Years.		
7.	Proof of latest returns in GST-3/GSTR-3B.		
8.	Signed and Stamped copy of Tender document (all pages) in respect of acceptance of all terms and conditions of e-NIT.		
9.	The tenderer should obtain certificate of site visit from concerned AEE/JE and then quote his rates as defined under Clause 9(ii) .		
10.	Fulfilment of Bidding Capacity Clause 6(i) in the e-NIT Document.		

Authorized Signatory of the firm