

REQUEST FOR QUOTATION / EXPRESSION OF INTEREST

Engagement of Civil / Structural Engineer for Detailed School Infrastructure Assessment

Green School Transformation – GHPS Iddarahalli

Issuing Organisation	Technology Informatics Design Endeavour (TIDE)
Project	Green School Transformation – GHPS Iddarahalli
Location	Iddarahalli, Chikkaballapur, Karnataka
Assignment	Civil / Structural Assessment and Repair Planning
Proposed Assignment Period	Up to 7–10 working days from mobilisation

1. Background

As part of the Green School Transformation initiative, a baseline assessment of Government Higher Primary School (GHPS), Iddarahalli was undertaken on 27 August 2026. The assessment identified infrastructure-related deficiencies including cracks, roof leakage, poor plaster and painting, damaged doors and windows, electrical wiring concerns, an unsafe classroom, and repair requirements for the school gate and portions of the compound wall. The baseline recommends that structural safety and functionality be addressed before other demonstration-oriented interventions.

2. Purpose of the Assignment

TIDE intends to engage a suitably qualified and experienced civil / structural engineer to undertake a detailed technical assessment of the existing school infrastructure and prepare a practical repair and restoration plan. The assessment will provide the technical basis for finalising the scope of work, quantities, specifications and cost estimates for the proposed 60-day intervention.

3. Scope of Assessment

The consultant/engineer shall assess, as applicable, the following:

- All classroom buildings and essential school spaces, including the classroom currently identified as unsafe.
- Walls, columns, beams, slabs/roof elements and visible structural distress.
- Cracks, including location, extent, pattern and apparent severity, with recommendations for further investigation where required.
- Roof condition, leakage points, waterproofing requirements and associated damage.
- Plastering, surface deterioration and painting requirements.
- Doors, windows and associated frames/hardware.
- School gate, compound wall and other external civil structures.
- Flooring and other visible building defects affecting safety or functionality.
- The unused room currently being used for dumping/storage, including its suitability for restoration and future use.
- Basic electrical-safety observations insofar as they affect the civil works and coordination requirements; detailed electrical testing may be assigned separately.
- Any other visible civil/structural issue that may affect safety, functionality or durability.

4. Key Technical Tasks

- Conduct a site inspection and visual condition assessment of all relevant structures.
- Prepare an asset-wise condition assessment and classify issues as Critical / Immediate Action, Priority Repair or Routine Maintenance.
- Identify areas that require immediate restriction of access, temporary protection or other safety measures.
- Determine appropriate repair/restoration methods for identified defects.
- Assess whether observed cracks require specialist structural investigation or further testing before repair.
- Measure and quantify proposed civil repair works.
- Prepare a detailed Bill of Quantities (BOQ) with specifications.
- Provide indicative cost estimates based on the proposed quantities and suitable market/reference rates.

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- Recommend sequencing of works so that safety-critical works are completed before cosmetic or non-critical works.
- Provide technical recommendations for durable repair, waterproofing and restoration.

5. Expected Deliverables

No.	Deliverable	Minimum Requirement	Timeline
1	Site Assessment Report	Asset-wise condition assessment with photographs and observations	Within 3 working days of site visit
2	Safety Risk Register	Critical hazards, recommended immediate controls and priority level	With assessment report
3	Repair Methodology	Recommended treatment/repair approach for major defects	With assessment report
4	Detailed BOQ	Item description, unit, quantity and technical specification	Within 5–7 working days
5	Cost Estimate	Indicative estimate linked to BOQ	With BOQ
6	Implementation Sequence	Recommended sequence for the 60-day repair programme	With final submission
7	Final Technical Recommendation	Summary of priority interventions and technical conditions	Final submission

6. Site Documentation Requirements

- Photographic documentation of all major defects and priority locations.
- Annotated photographs or simple sketches where useful to identify repair locations.
- Measurements sufficient to support preparation of the BOQ.
- Clear identification of areas that should not be used until safety concerns are addressed.

7. Consultant / Engineer Eligibility

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- Degree or diploma in Civil Engineering; a postgraduate qualification in Structural Engineering will be an advantage for structural assessment assignments.
- Relevant professional experience in building condition assessment, repair, rehabilitation or similar civil/structural works.
- Demonstrated experience in assessment of institutional/public buildings, preferably schools or community facilities.
- Ability to prepare technical reports, BOQs, specifications and cost estimates.
- Ability to mobilise for an on-site assessment at short notice.
- The consultant/firm should provide details of relevant previous assignments and at least two professional references, where available.

8. Proposed Engagement Process

- Shortlisted consultants/engineers will be contacted for clarification, if required.
- A site visit will be arranged with the school/project team.
- The selected consultant will undertake the detailed assessment.
- The assessment findings will be reviewed with the project team.
- The final BOQ, specifications and repair recommendations will be submitted for approval and implementation.

9. Timeframe

The assessment is expected to be completed on a fast-track basis. The consultant should indicate the earliest date of mobilisation and the time required for site inspection, assessment, BOQ preparation and final submission. The preferred overall timeline is 7–10 working days from mobilisation.

10. Commercial Proposal

The financial proposal should clearly indicate:

- Professional consultancy fee.
- Site visit / travel expenses, if applicable.
- Taxes and statutory charges, if applicable.
- Any additional testing or investigation costs, if recommended (to be clearly identified separately).
- Any assumptions or exclusions.

11. Submission Requirements

Interested consultants / firms may submit the following:

- Brief profile of the consultant/firm.
- CV/profile of the proposed lead engineer.
- Relevant experience and similar assignments.
- Proposed methodology and work plan.
- Expected timeline for completion.
- Financial quotation.
- GST/PAN and other applicable registration details, where relevant.
- Contact details and references.

12. Evaluation Considerations

Proposals may be evaluated based on the following considerations:

- Relevant technical qualifications and experience.
- Experience in structural/civil condition assessment and rehabilitation.
- Understanding of the assignment and proposed methodology.
- Quality and practicality of proposed deliverables.
- Availability and mobilisation timeline.
- Professional fee and overall value for the assignment.

13. Indicative Assignment Schedule

Day	Activity	Output
Day 1	Mobilisation and site inspection	Site observations and photographic documentation
Days 2–3	Detailed assessment and risk classification	Condition assessment and safety risk register
Days 4–6	Measurements, repair methodology and BOQ preparation	Draft BOQ and technical recommendations

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Days 7–8	Costing and implementation sequencing	Cost estimate and work sequence
Days 9–10	Finalisation and submission	Final technical assessment package

14. Important Technical Note

The baseline assessment is intended to guide the detailed technical assessment and does not replace a professional structural evaluation. The appointed engineer shall exercise independent professional judgement and recommend further investigation, testing or specialist structural assessment wherever the observed condition warrants it. No repair of potentially load-bearing or structurally significant elements should be undertaken solely on the basis of visual observations.

15. Submission Contact

Interested consultants / firms may submit their technical and financial proposal to:

Santhosh Cibi V

Technology Informatics Design Endeavour (TIDE)

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080 23612031

Submission deadline: 24th September 2026