Ke Kula ʻO SM Kamakau is seeking a structural engineer to provide the following services in preparation of construction for its Hale ʻĀina Pavilion. Should you choose to respond to this RFP, please detail in your proposal which of the services below your firm is able to provide and the associated cost along with a total proposed cost for your services related to this project.

**Schematic Development**
Scope of work:
1. Research property information
2. Conduct field investigation and measurements of existing grade
3. Conduct survey of existing conditions
4. Review geotechnical soils investigation (provided by Client).
5. Prepare preliminary site development plan
6. Establish building design criteria including architectural, structural, and electrical
7. Prepare Schematic Development drawings

**Design Development:**
Scope of work:
1. Prepare civil engineering and site development plans
   - Review survey documents, geotechnical report, as-built data from research, and any project-related data provided by Kamakau
   - Prepare preliminary grading plans
2. Establish building design criteria including architectural, structural, and electrical systems
3. Perform preliminary engineering analysis based on proposed building systems
4. Prepare Design Development drawings

**Construction Documents:**
Scope of work:
1. Finalize engineering analysis
2. Prepare drainage and erosion control plan, as necessary
3. Prepare finished construction drawings, including, but not limited to:
   a. Title Sheet, General Project Information, Construction Notes and Project Location
   b. Zoning and Building Code Analysis
   c. Civil plans, grading and erosion control plans
   d. Architectural plans and details
   e. Structural engineering drawings
   f. Electrical engineering drawings
Permitting Routing:
Scope of work:
1. Upon completion of Construction Documents, plans will be routed to the appropriate governing agencies for permit approval. Construction drawings will be revised and finalized based on review comments.
2. Provide responses to Requests for Information (“RFI”); and, any necessary addenda to the Bidding Documents will be prepared and issued.

Construction Administration
Scope of work:
1. Review shop drawings, product data submittals and material samples for general conformance with the design concept set forth in the Construction Documents.
2. Evaluate requests for substitutions.
3. Respond to Contractor’s RFIs (Request for Information) and, if determined necessary, issue supplemental documents to clarify portions of the Construction Documents.
4. Attend pre-bid and pre-con meetings.
5. Provide periodic on-site visit to review the progress of construction for general conformance with the design concept set forth in the Construction Documents.
6. Review reports from the testing and inspection agencies to determine if the agencies have verified compliance of the reported item of work with the structural portions of the Contract Documents.
7. At the time of substantial completion of construction, prepare final punch list, including items which have been observed as requiring remedial work or replacements. Final walk-thru and inspection shall be conducted, reviewing all punch list items, if any.
Pela’o Pama’akau
Ext. Condition Photos
The following drawings proposes a new open-air roof structure to provide a covered gathering space outside the classrooms for students and teachers for the lunch period.

The location for this structure is located in the present location of the temporary tent seen in the preceding photos.
ADDITIONAL NEW WALKWAYS ARE PROPOSED TO FACILITATE ACCESS THRU THE AREA.

EXISTING UTILITY BOXES IN THE PROPOSED LOCATION WOULD NEED TO BE ADJUSTED FOR IN THE NEW CONSTRUCTION OR RELOCATED.

THE AREA OF THE PROPOSED PLAN EQUALS APPROX. 1,248 SQ FT.
THE AREA OF THE PROPOSED PLAN EQUALS APPROX. 1,248 SQ.FT.
Phase I of the construction proposes the construction of the open-air structure of a reinforced conc. footing & grade-beam system w/ wood column & wood trusses under an asphalt-shingled roof.
A REMOVABLE/REUSABLE PAVER SYSTEM COULD BE UTILIZED FOR THE FLOORING UNDER THE ROOF STRUCTURE AS A LOWER COST OPTION FOR AN INITIAL REINF. CONC. FLOOR SLAB.

*Pāʻo Pānapaʻau - HaleʻAma*

Schematic Concept - Phase 1 option 1
Phase 2 of the construction proposes the later enclosure of the structure with a low perimeter wall w/ rock facing at grade & a system of operable jalousie and fixed glass corner windows and entry doors.
THIS ADDITIONAL OPTION FOR THE DESIGN OF THE STRUCTURE PROPOSES A FLAT-ROOF WHICH COULD CREATE A HIGHER CEILING HEIGHT AND THE FEELING OF A LARGER ROOM AREA.
AN ADDITIONAL OPTION TO THE SMALLER ROOF PAVILION STRUCTURE PROPOSES HEREIN A LARGER ASSEMBLY ROOM STRUCTURE WHICH COULD SERVE A LARGE GROUP OF PEOPLE FOR LARGE EVENTS AND INCLUDE A SMALL UTILITY/KITCHEN AREA.

A LARGER PARKING AREA NEEDED TO ACCOMMODATE THE LARGE GROUP WOULD BE PROPOSED IN THE LOWER OPEN FIELD AREA.