

National Aeronautics and
Space Administration
Office of the Administrator
Washington, DC 20546-0001

TO: Associate Researchers for Mars Colony Living Missions Directorate

FROM: Administrator

SUBJECT: Feasibility of Living Quarters on Mars

The information in this letter is a clarification of the mission requirements for the Habitat on Mars Exploration (HOME). This letter applies to all HOME Program associate researchers.

This letter is intended to consolidate and clarify the major Home Safety Review Panel (HSRP) policy decisions on matters related to the requirements for the design and verification of electrical systems used in establishing a home on Mars.

Studies and previous research show that living quarters on Mars must be energy efficient. Additionally, energy must come from renewable sources (due to the travel time between Earth and Mars and ensuing difficulty with resupplying). You must design the electric circuitry for the living quarters.

The proposal must include:

- Living Quarters
 - Blueprint
 - Prototype
- Electric Circuitry
 - Blueprint

Each proposal will be evaluated based upon the minimum requirements outlined above along with its esthetics, soundness of idea, and research. Researchers with clear, thorough, and well-backed proposals will win the bid to build their living quarters on Mars.

Proposals are due on **xx/xx/xxxx**.

Sincerely,

Charlie Bolden
Administrator