



Building Back Better Communities Port-au-Prince, Haiti

Request for Proposal on behalf of the Government of the
Republic of Haiti

June 17, 2010

Appendix A



MALCOLM READING CONSULTANTS, LONDON

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INTRODUCTION AND SITE DETAILS

The Expo (Lot 1) will be located on a 2 hectare site located some 5km north of Port-au-Prince International Airport. This government owned land, known as the Oranger site, has the advantage of being level, well accessed and having an established community of some 2,000 residents living close by. Beyond the Expo site, it is intended to construct adjoining developments notably an exemplar housing settlement (Lot 2) on a 3 hectare site to its southwest.

Context photographs of Oranger as well as a notional master-plan for the Expo are below and overleaf. Proposed adjoining developments will be refined in consultation with interested parties, including local communities, over the course of the coming months.

Location of proposed Expo site



Panoramic view of proposed Expo site looking west





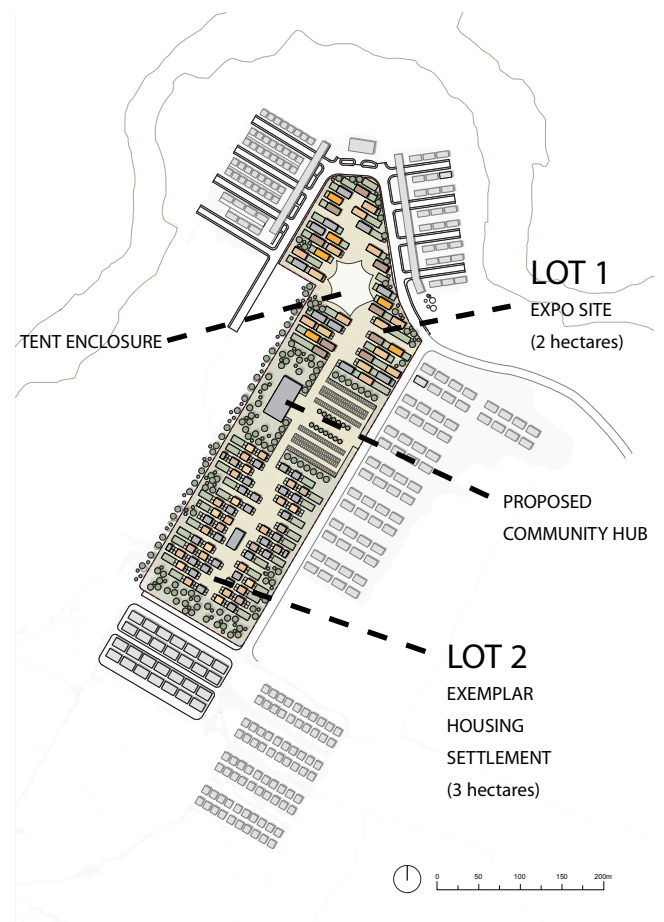
Existing housing close to the Oranger site



Existing Oranger site



Notional layout of the Oranger site for the Expo and proposed adjoining developments



The Expo and its adjoining developments will consist of a number of discrete but connected elements:

Tent enclosure

This will be erected to accommodate central facilities, seminar areas and display stands for, amongst others:

- housing manufacturers
- contractors
- material suppliers
- NGOs
- construction consultants
- architects
- designers

Areas will be set aside for car parking and support facilities. It is also envisaged that the tent enclosure will act as a focus for discussion during the Expo, where all those committed to Haiti's reconstruction will have an opportunity to share their views, and where informed discussions can take place.

The enclosure will also allow the project to be considered in the context of emerging strategies and policies for Haiti's reconstruction, including those being established by the Interim Haiti Reconstruction Commission (IHRC).

Green businesses will be invited to participate in the Expo. It is the intention that the housing companies will interact with these businesses to determine how their green products can be incorporated into both the Expo housing and the exemplar settlement.

Please note the tent enclosure design and construction does not form part of this RFP.

Community hub

There will be a site reserved for a school, church, community centre and associated accommodation to serve as a community hub, to be erected after the Expo.

Please note that the design and construction of the community hub does not form part of this RFP.

Expo site (Lot 1)

The Expo will be located on a 2 hectare site displaying single/multiple family housing. It will show a spectrum of techniques from prefabricated housing units to in-situ construction using local materials and skills or promote appropriate construction technology, which will be pre-selected through this process. Expo participants should be looking to source housing products locally and to work with Haitian partners.

Participants are encouraged to examine setting up local manufacturing operations and / or for skills and job training to play an important role in the housing development process.

Exemplar housing settlement (Lot 2)

The Exemplar housing settlement will be located on a 3 hectare site built to agreed specifications, using a range of different housing types selected in consultation with the community. The site will be occupied, post-Expo, by around 100 to 200 families. The goal is to develop a model mixed-income village with the potential to grow into a larger settlement over time.

It is the intention that this site will incorporate housing units constructed using traditional, locally based methods as well as prefabricated units displayed at the Expo. The housing settlement's construction will begin at the earliest opportunity, later this year.

COMPETITION SPECIFICATION

The following issues should be considered by those submitting their credentials for Lots 1 and 2:

1. Transportation

Proposals must consider logistics for transportation, such as the use of standard semi-trailers for prefabricated elements. No extra wide loads or helicopter deliveries will be appropriate.

2. Installation

Cranes are a limited resource in Haiti. Applicants must demonstrate that their proposal can be modularized and/or site installed without the use of a crane or, as an alternative, demonstrate that they possess the immediate resources to bring and operate their own crane in Haiti.

3. Codes

All designs must be consistent with minimum Sphere standards for settlement, the Caribbean Uniform Building Code and GTFBC recommendations for Haiti. Designs must also be in accordance with the International Building Code (IBC 2009) provisions for wind and earthquake load resistance.

4. Economic Development

Proposals should demonstrate that they can create local jobs and develop skills. For instance this RFP will be seeking proposals that utilise local materials, methods and crafts people, as well as those building local capacity, manufacturing and job creation.

5. Logistics

Any proposal must be able to be installed in a module of at least one unit at the Expo within the prescribed time frame, including all costs associated with shipping, taxes, customs and local transport.

6. Production

All applicants must demonstrate a capability of producing significant numbers of housing units in the first year following the Expo.

7. Adaptability

Designs must be adaptable by means of local labor and materials, and not require additional purchases by residents of significant imported manufactured products. Haitian family sizes can range from 2 to 14, and therefore options must reflect this variation.

8. Access

Consideration should be given by applicants to ease of access particularly for those with disabilities.

9. Environmental

a. Daylighting

Optimum daylight will be required without excessive solar gain.

b. Passive Cooling

Designs should not rely on active cooling. All cooling must be achieved with breeze and shade.

c. Water

Due to frequent water shortages and a lack of municipal supply, designs which are capable of collecting and storing rainwater will be favored.

d. Power

All units must have U.S. standard electrical outlets and fixtures.

e. Energy

Solutions that feature renewable technologies (e.g. solar) will be favored.

f. Utilities

Consideration will be required for washing, cooking, and sanitation.

10. Consultation and Partnership

Applicants will need to demonstrate how they propose to engage local stakeholders as well as Haitian consultants and others in the design and fabrication process.

11. Durability

Proposals must be constructed using durable materials. The use of green or recycled materials and techniques is strongly encouraged. In the case of manufactured homes, the supplier must furnish a warranty of all systems and parts for a minimum of 5 years maintenance free.

12. Cost and Floor Area

Applicants should consider affordability and floor area as a key element in their proposals. Particular consideration will be given to proposals which can be delivered at low cost, while maintaining quality and performance. Where different proposals show similar merits, cost will be the determining factor.

13. Culture

In addition to the aforementioned criteria, designs should consider Haitian heritage and Haiti's domestic tradition. Proposals should demonstrate how they would support and relate to the area's cultural identity and the Haitian lifestyle.

14. Timescale

Those suppliers selected from this RFP will be required to comply with the agreed timescales set out in the second stage submission requirements document (which will be issued to all teams progressing to the second stage). Those selected for Lot 1 will be required to demonstrate capabilities to install housing by the time of the Expo in October, whereas those for Lot 2 will be required to demonstrate readiness to build by the time of the Expo.