

Habitat for Humanity Cambodia (HFHC)

Job Description

Name of Position	Innovative Construction Volunteer (ICV)
Job Grade/Class	Volunteer (6 months)
Current Holder	Vacant
Based at (Location)	National Office in Phnom Penh with required travel to field locations in Battambang and Siem Reap
Reports To	Construction Team Leader
Direct Subordinates	N/A
Assets under Control	To be specified

Core Functions

The ICV is supposed to provide the supports daily to construction team of HFHC on finalizing disability inclusive designs, selecting construction material, providing construction training to local skilled workers, and piloting at the build site. Furthermore, the ICV have to produce a construction manual and guideline of the design to duplicate in other areas of the project. The ICV is also going through HFHC's house designs and update the existing architect, construction drawings based on the HFHC's construction CAD guideline to be standardized across the region. Lastly, the ICV have to work with the construction team to develop the modular steel framework house design with simple and innovative technology, decent and affordable house for the needy family.

Main Tasks

1. Supports and assist Construction Team in finalizing a disability inclusive design and testing in the project targeted areas.
2. Works with the construction team to update the existing construction drawings, manuals and guidelines of Habitat for Humanity Cambodia based on the new approval CAD guideline requirement.
3. Develop modular steel framework house design, testing, and documentation.
4. Develop construction safety orientation and home maintenance session to non-technical people
5. Works closely with the construction team, project staffs and Construction Engagement Team (CET), Construction Team to helping out them in identifying the proper ways of construction such as methodology, technology, and construction management that can be promoted the scaling up annual construction as well as the quality construction of HFHC.
6. Be creative to brainstorm/meeting or workshop with the construction team and project staff to build houses (new house, house upgrading and house repair) and other facilities at the lower cost and in the shortest time possible; created technical new ideas obtained from the community to construction team and Program Manager for further improvement.

7. Develop and advice the new principle document on suggested construction designs, models, and methodologies related to housing, water sanitation for HFHC
8. Sharing lesson learned, finding from research and suggested designs, construction management, and development
9. Other related duties as assigned by supervisor.

Authorities and Authority Limits

1. N/A.

Deliverables/ Performance Measurement Indicators

1. To be determined together with the volunteer and to be included in the work plan

Skills/Attribute and Experience

1. University degree, major in Civil Engineer or Architect is required.
2. At least 5 years experience relevant work, plus at least three years of experiences in community development and social work in rural and urban context is an advantage.
3. Be creative and ability to design low-cost house design (simple, decent, affordable house), and other facilities
4. The computer is proficient in Ms. Word and Excel, Internet and E-mail and AutoCAD.
5. Be willing to learn new things for self-development.
6. Good knowledge of and experience in monitoring & evaluation, and document writing related to construction design and development.
7. Good English speaking and writing skills.
8. Being willing to work flexible hours, travel and work in the field and stay in the community if needed.

Supervisor (signature/name): _____

Date: _____

Incumbent (signature/name): _____

Date: _____