

## Shelter Technical Working Group 6 August 2018

10:00 – 12:30

Attendees: KBC, KMSS-MKN, KMSS-BMO, SHALOM, ICRC, UNHCR.

Absentees: DRC, NRC, Metta

	Agenda	Responsible partner
1	<p>Introduction of new Head of Office; Cliff Winston Alvarico</p> <p>Cliff Winston Alvarico introduced himself and welcome to attendees. Contact details for Mr Alvarico are; Mail: <a href="mailto:alvarico@unhcr.org">alvarico@unhcr.org</a></p> <p>Phone: 09 450061384</p>	
2	<p>Review of Shelter Design; (<i>Includes BoQ, difficulties, challenges, PSN friendly, privacy, site planning</i>)</p> <p>Challenges;</p> <p>KBC – The amount of Estimating cost will be depend on local material available (eg; no local bamboo available, timber needs to used) and cost of CGI is not relevant thus, BoQ has to be revised on that case. Some agency using 4angle color roofing sheet instead of ordinary CGI zinc sheet. Need to make decision for roofing which type of sheet should be used. Partitions are necessary and KBC provided it in every units now, however, ceiling is required for prevent heat, noise prevention. And have to consider about cost of ceiling. Bamboo mat ceiling for timber frame and heat shield mat for metal frame. Better to increase kitchen space if land available. Current space in common design is 7ft x 11ft. Proposed space is 8ft x 11ft. Storage space at ceiling is based on the needs and required more room head.</p>	

	<p>ICRC - The depth of foundation considered depended on type of soil. Also considered to get enough lighting and ventilation. And if bracing is kept then could avoid tilting of shelter. Treatment for timber post is required especially for lower part. All IDPs from Tagun Taing Monastery received shelter support from ICRC.</p> <p>KMSS-MKN - Technical support need to be provided for 4 angle color roofing works. KMSS-MKN Engineer designed individual housing for resettlement. Barrack design included verandah since IDPs need open space in front of shelter especially during raining season and unit cost will be rise. Main cost in BoQ is timber cost and labor cost. Shelter space are assumed for 5 family member beside stick with minimum standard for family who has 7-10 member.</p> <p>Shalom - Same as KBC. Shelter design for resettlement needs to be standardized. Naung Pon individual housing as sample design and agreed to add verandah with width of 4ft.</p> <p>KMSS-BMO - Material price is higher in border area thus BoQ is not relevant now. Shelter room should provide base on the family size. Fixed square mesh at upper part of walling for enough lighting. Unit cost for shelter in higher when the site is on slopping and soft soil. The thickness of plywood for flooring should 12mm instead 9mm. advantage of using 12mm thick plywood compared to 9mm is more durable.</p>	

Shelter Improvement Action plan:

- 1) Share the proposed design with BoQ to Cluster by All partners : **Time line : 10 August 2018**
- 2) Cluster to share the questionnaire for survey by Shelter unit, UNHCR : **Time line : 10 August 2018**
- 3) Survey to be conducted in two location / two camps per partner. ( 5 individual HHs in each camp )
  - a. Camp selection and share to the Shelter Unit, UNHCR : **Time line: 18 August 2018**
  - b. Survey to be conducted by 5 national partners : **Time line: 18 August- 10 September 2018**
- 4) Partners to share the survey report in the provided matrix : **Timeline: 10 September-15 September 2018**
- 5) Consolidation and prepare the shelter design by Shelter unit, UNHCR : **15 September- 30 September 2018**
- 6) Share the draft version to all partners and collect the input : **Timeline: 1 October -15 October 2018**
- 7) Finalisation of shelter design : **Timeline: 15 October- 31 October 2018**
- 8) Next TWIG meeting for BoQ finalization and share final shelter design : **Timeline: 15 November 2018**

Resettlement design to be shared by partner based on Nong Pon design.

Evaluation of shelter tool kit will be discuss in the next TWIG meeting.

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