

“Cash for Weatherproofing Assistance in Informal Settlements”

Quick Market Assessment Report

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MARKET ASSESSMENT DETAILS:	
Timeframe:	August 28 th , 2017- September 8 th , 2017
Location (cadastres):	Zahlé Haouch El-Oumara Aradi, Majdel Aanjar, Aanjar (Haouch Moussa), Saaidé, Haouche Barada, Bouday
Items Assessed:	Weatherproofing items: plastic sheet/film LOT, timber LOT, ironmongery LOT, tool LOT
# of Suppliers Assessed:	15
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I. Objective:

As a preliminary and complementary step to the 'Cash for Weatherproofing Assistance in Informal Settlements' pilot project, the objective of the market assessment was to gather information on the weatherproofing kit item specification and description, availability of items, pricing, origin of material, and accessibility of items within the 7 selected cadasters, namely, Zahlé Haouch El-Oumara Aradi, Majdel Aanjar, Aanjar (Haouch Moussa), Saaidé, Haouche Barada, and Bouday. Weatherproofing kit items in question include plastic sheet/film LOT, timber LOT, ironmongery LOT, and tool LOT, and information gathered on those items accounts for the varying qualities of the items within the markets.

Prior to implementation, concerns were raised by UNHCR on the risks of evictions within Zahle Housh El-Oumara Aradi. In order to assess the level of risk, as well as identify certain cases of risks (those who have received notice periods), SCI shelter team Beqaa relayed questions first to the Shaweesh, such as, 'have you recently received the eviction notice?', 'If so, what is the timeframe of the notice?' and 'who give the eviction notice? Landlord, municipality or army?' the questions were then reiterated to households to compare responses. Upon conducting the assessments within the area, the following are the sites who received eviction notice:

1. 51127-01-003 have already evicted. Initially, the municipality, Lebanese armed forces and the landlord requested the eviction. Only 7 tents out of 100 tents remain in the site. To date, the beneficiaries have neither received notice nor have been informed that they are at a risk of being evicted.
2. 51127-01-024 already evicted. Only 5 tents out of 15 tents remain in the site. The households have indicated that they will remain in the same site as the initial eviction notice was given by the landlord, but have managed to have new agreement with him.

The assessed household who reported risks of eviction have already evicted their premises. In order to mitigate any further risks, as SCI intends to keep Zahle Houche Al- Oumara Aradi as a pilot beneficiary due to its close proximity to the market, and it being a large cadaster and therefore would be difficult to find a substitute location, all households who result in high risk of eviction shall not be included in the selection process of the pilot.

The information gathered showcased varying costs, average cost per cadaster, location of main suppliers, and identification of quality / compliant item specification. In addition to that, the shelter team accounted for accessibility of ATM machines within each cadaster to ensure due diligence and strengthen the communication strategy by being able to advise beneficiaries on 1) availability location of quality / feasible items within the markets, and 2) associated costs (transportation).

2. Methodology:

The market assessment was conducted within SCI's area of intervention, and mainly focused on three main markets: Zahle industrial zone, the market on the country road (highway) between Majd Al-Anjar and Anjar (Haouch Moussa), and the markets surrounding Saaidé, Haouche Barada, and Bouday (due to the close proximity of the areas). The shelter team both mapped and visited the suppliers that SCI had previous agreements with, as well as the smaller suppliers around the market. The 'Quick Market Assessment' tool was used to gather information on items that were compliant with both UNHCR standards, as well as specifications used by SCI for its weatherproofing intervention (see Annex 1).

The shelter team began each assessment with a briefing on the project and the assessment, justification of the assessment (unlike conventional market assessment that assess wholesale / tendering prices, this

assessment focused on cost per unit of varying qualities of items), and notified suppliers on the possibility of beneficiaries selecting their locations to purchase items. Information was gathered item by item, scrolling down the list with the assessment form. The following findings resulted from the assessment.

3. Findings / Results:

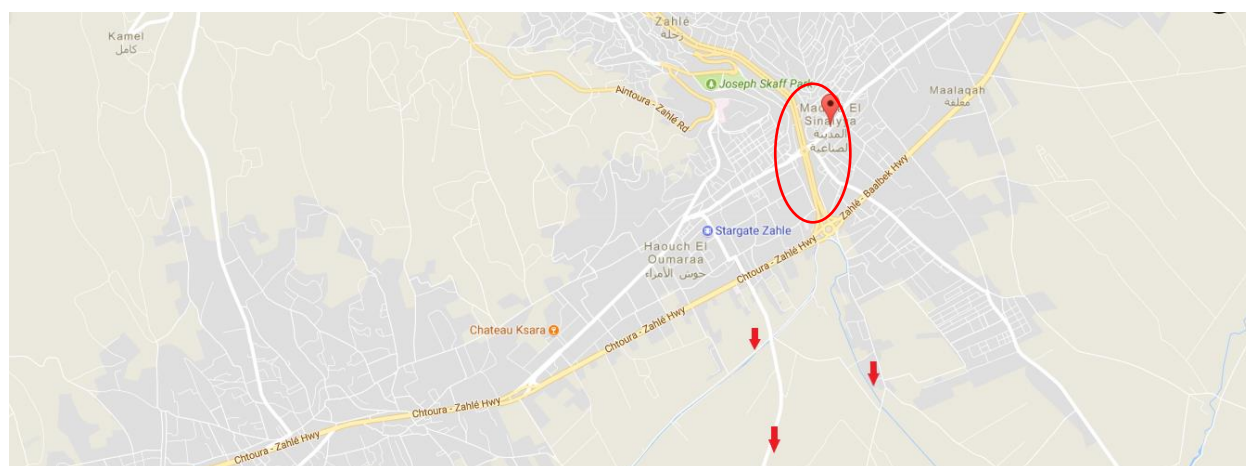
The detailed findings of each market assessment can be found within the documents affixed in the ‘Market Assessment Report’ e-communication. Large suppliers and main market distributors have been working with INGOs since the uprising of the Syrian conflict, and are therefore familiar with both weatherproofing as an intervention, and the criteria and specifications of items required to work in the humanitarian sector. In other words, the majority of suppliers are aware and in stock of specifications suited for standard weatherproofing kit items. The larger suppliers are also the main distributors of the items in the market, which concludes the constant availability of items within the market.

It is important to note that the below information and collected prices range according to the following criteria:

- Large suppliers able to trade at competitive prices vs. smaller suppliers with less competitive pricing
- Country of import of items, ranging from Chinese (lowest bound value), to high value Asian imports (Chinese, Malaysian, Taiwanese) to European imports.

3.1. Cost Comparison

Zahlé Haouch El-Oumara – Industrial City



The picture above showcases locations of both markets assessed and selected informal settlements. Two points of reference were taken in the industrial city: the first point locates the larger supplier of the plastic sheet/film, ironmongery, and tool LOT; the second point locates the larger supplier of timber and plywood. The two points of reference were selected due to the higher possibility that beneficiaries will prefer to purchase all items from one main location where prices are more competitive and transportation

is more feasible. The parameter highlights the area there ATMs are abundant. The average deduced distance the beneficiaries would have to travel to purchase all kit items is 4km. The average deduced distance the beneficiaries would have to travel to get to an ATM is also approximately 4km. This converts to an average of 10,000 L.L in transportation costs.

The table below is a cost comparison between actual prices collected as a result of the market assessment vs. initial budgeted costs.

3.1.1. Plastic Sheet/film LOT

Item	Origin & description	Price Range		Initial forecast
Plastic sheeting heavy duty 100g/m ²	¹ Brand: Ever Green Tarpaulin Inner HDPE woven fabric ,both sides coated by LDPE material. Cost per (4x5)m ² / (4x6)m ² Thickness 0.1 – 0.4 mm Colour: Blue / White Feature: Waterproof, ripstop , UV resistance , mildew proof, dust proof, easy to fold and keep , longer usage life . Country of import: China	10,000L.L	21,000 L.L.	
Plastic sheeting heavy duty 150g/m ²	² HDPE yarn + LDPE Laminated Cost per (4x5)m ² / (4x6)m ² Colour: White Feature: PP rope reinforced in hems, reinforced eyelets Country of import: China	12,750L.L	27,000 L.L	
Plastic sheeting heavy duty 190g/m ²	HDPE yarn + LDPE Laminated Cost per (4x5)m ² / (4x6)m ² Colour: White Feature: PP rope reinforced in hems, reinforced eyelets Country of import: China	19,500L.L	33,000 L.L	21,000 L.L
Clear Plastic Nylon film, 4m x 5m	Country of import: China	2,500L.L	3,000 L.L	9,000 L.L

Price range from less to more expensive depends on whether the material is located at larger to smaller suppliers, respectively. Both locations confirmed the materials were imported, available, and

¹ Specifications retrieved from https://www.alibaba.com/product-detail/PE-blue-tarps-Plastic-Canvas-Tarpaulin_60442691280.html?spm=a2700.7724838.2017121.83.3c93b095YEPD5i

² Specification retrieved from: https://www.alibaba.com/product-detail/Construction-Material-Plastic-Sheeting-And-Tarpaulins_60476733761.html?spm=a2700.7724838.2017115.2.3c93b095YEPD5i&s=p

had the ability to quickly restock. When asked, suppliers informed that for the plastic sheeting heavy duty, white and blue sheeting was available (at 50/50 ration). Noticed were significant ranges in prices for plastic sheeting. Prices for plastic sheeting were collected per 5m*4m.

The initial forecasted prices for plastic sheeting heavy duty was 21,000 L.L. Actual, lower bound, collected prices on average are 14,000 L.L., and are approximately 33% less expensive than initial forecasted prices. Actual, upper bound, collected prices on average are 27,000 L.L. are approximately 33% more expensive than initial forecasted prices. Both actual, upper and lower bound, collected prices on average are 2,750 L.L., and are about 70% less expensive than initial forecasted prices.

It is important to note that physical visits to suppliers were conducted (warehouses were even visited). Exact Specifications could not be retrieved during these visits, due to the fact that specifications were not detailed on the packaging of the plastic sheeting itself. Therefore, SCI shelter team cross-referenced visual evidence retrieved (pictures of the materials within the warehouse and have been attached within the e-communication) and cross referenced available data with online specifications. Links can be found within the footnotes of the documents.

3.1.2. Timber LOT

Item	Origin & description	Price Range		Initial forecast
		Lower bound value	Upper bound value	
Timber 80mm*80mm*3m	Air Dried – Imported from Romania	7,500L.L	9,000 L.L.	9,000 L.L
Timber 100mm*50mm*4m	Air Dried – Imported from Romania	8,000L.L	9,000 L.L	7,500 L.L
Timber 100mm*25mm*4m	Air Dried – Imported from Romania	4,000L.L	4,500 L.L.	5,250L.L
Timber 100mm*25mm*4.8m	Air Dried – Imported from Romania	7,500L.L	8,000 L.L.	7,500 L.L
Plywood sheet 244 cm * 122 cm * 8mm	Imported from Indonesia	18,000L.L	25,500 L.L.	19,500L.L
Plywood 244 cm * 122 cm sheet 4mm	Imported from Indonesia	9,000L.L	12,500L.L	10,500 L.L

Larger suppliers are dominant particular to this LOT. Timber items are mainly imported from Romania, and prices depend on Air Dried specifications. All locations confirmed the materials were available and had the ability to quickly restock. Noticed were negligible differences in prices. Plywood items are imported from China, Indonesia, and Malaysia, and prices vary accordingly.

The initial forecasted prices for timber on average was 7,500 L.L. Actual, lower bound, collected prices for timber on average are 6,750 L.L., and are approximately 10% less expensive than initial forecasted prices. Actual, upper bound, collected prices for timber on average are 7,750 L.L. are approximately 4% more expensive than initial forecasted prices. Initial forecasted prices for plywood averaged 15,000L.L. Actual, lower bound, collected prices for plywood on average are 7,750 L.L. are approximately 10% less expensive than initial forecasted prices. Actual, upper bound, collected prices for plywood on average are 19,000 L.L. are approximately 20% more expensive than initial forecasted prices.

3.1.3. Ironmongery & Tool LOT

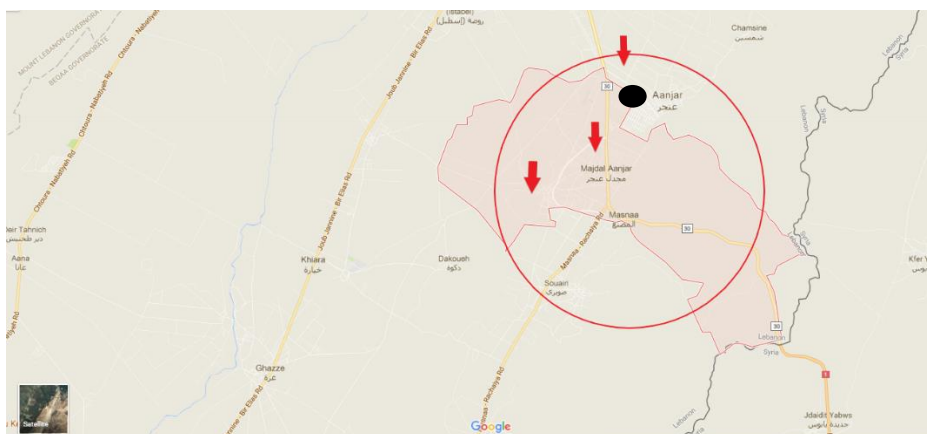
Item	Origin & description	Price Range		Initial forecast
Ironmongery LOT				
Timber screws 4mm shank diameter x 25 mm long	Per 1,000 pcs Chinese Lower Bound / Europe or Grade I Chinese upper bound	6,000 L.L	6,000L.L	6000 L.L
Roofing Nails 4mm shank diameter x 60	Per 1,000 pcs Chinese Lower Bound / Europe or Grade I Chinese upper bound	3,750 L.L	10, 500 L.L	3,750 L.L
Timber nails - 2mm shank diameter x 30mm length	Per 1,000 pcs Chinese Lower Bound / Europe or Grade I Chinese upper bound	2,000 L.L	4500 L.L	3,000 L.L
Timber nails - 4mm shank diameter x 50mm length.	Per 1,000 pcs Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,500 L.L	9,000 L.L	3,000 L.L
Timber nails - 4mm shank diameter x 75mm length	Per 1,000 pcs Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,500 L.L	9,750 L.L	3,000 L.L
Steel angle sections 10x10x2.5cm	Chinese import – price per piece	1,000 L.L	2,750 L.L	500 L.L
Rubber Ties square section 15mm. Roll of 5o meters	Chinese import – price per 7 meters	6,750 L.L	N/A	7,500 L.L
Stapler (with adequate stapples) Stapples Gun Tacker - Medium Duty – Manual	Chinese import Lower bound Swedish import Upper bound	4,500 L.L	7,500 L.L	22,500 L.L
Hinges 15cm long x 3cm wide	Chinese import	500 L.L	2,000 L.L	750 L.L
Hasp 10cm length x 3cm wide	Chinese import	1,500L.L	2,000 L.L	1,500 L.L
Padlock Body size minimum 4x4x2cm	Chinese import	1,250 L.L	3000 L.L	1,500 L.L
Flue Pipe 15cm diameter x 50cm length	Chinese import	11,250 L.L	N/A	10,500 L.L
Tool LOT				
Carpentry Hammer 35cm long	Chinese import Lower bound Swedish import Upper bound	3,750 L.L	5,250 L.L	4,500 L.L
Wood Saw 50cm long	Chinese import Lower bound European import Upper bound	3,000 L.L	9,000 L.L	4,500 L.L
Cutter	Chinese import Lower bound Chinese grade I import Upper bound	1,000 L.L	1,500L.L/3,000L.L	3,000 L.L
Screw-driver 6mm wide blade-head, Shaft length:12.5cm	Chinese import	1,500 L.L	1,500 L.L	3,000 L.L
Tape Measure 10m length.	Chinese import (7.5 meters)	4,500L.L	9,750 L.L	5,250 L.L

Ranges in prices vary from larger suppliers to vendors, respectively. Both locations confirmed the materials were imported, available, and had the ability to quickly restock. Noticed were ranges in competitive prices and availability of both medium and high quality items at larger suppliers. Prices of medium / high quality items depend on the country of import. Exact prices per specifications are noted.

The initial forecasted prices for the ironmongery LOT were 5,000 L.L. Actual, lower bound, collected prices were 2,750 L.L., and are approximately 50% less expensive. Actual, upper bound, collected prices were 5,750 L.L. and are approximately 15% more expensive than initial forecasted costs. The

initial forecasted prices for the tool LOT were 4,000 L.L. Actual, lower bound, collected prices were 2,750 L.L., and are approximately 30% less expensive. Actual, upper bound, collected prices were 5,750 L.L. and are approximately 30% more expensive than initial forecasted costs.

3.2. Majd Al Anjar / Anjar (Haouch Moussa)



The below information pertains to the varying and average costs of the weatherproofing kit items (per LOT) of within Majdal Anjar and Anjar markets (relatively close in distance), as well as a comparison of what was initially forecasted. The showcased parameter outlines the market region within this cadaster. The average deduced distance the beneficiaries would have to travel to purchase all kit items is approximately 2.5km. For ATM distance (showcased by solid circle on the map), there exists an ATM within Majdel Anjar, and is located on average 1.5 km from the selected informal settlements. Otherwise, beneficiaries must travel to Qab Elias, an average of 6 km to access ATMs. This converts to an average of 4,000 – 6,000 L.L in transportation costs.

It is important to note that although not showcased in the below table, there exist multiple ‘\$1’ stores within the markets and close proximity to the selected informal settlements. The importance of including this information relates to the high probability that some beneficiaries may choose to purchase the weatherproofing items from those suppliers, items which have been rendered ‘low quality Chinese imports’.

3.2.1. Plastic Sheet/film LOT

Item	Spec	Price Range		Initial forecast
		Lower bound value	Upper bound value	
Plastic sheeting heavy duty 100g/m ²	80 g/m ² (4x5) High Quality Polyethylene Brand: Ever Safe Feature: PP rope reinforced in hems, reinforced eyeleds Country of import: China	10,000 L.L	15,000 L.L	
Plastic sheeting heavy duty 150g/m ²	120g/m ² (4x5) High Quality Polyethylene Brand: Ever Safe Feature: PP rope reinforced in hems, reinforced eyeleds Country of import: China		20,000 L.L	
Plastic sheeting heavy duty 190g/m ²	200g/m ² (4x5)		25,000 L.L	21,000 L.L

	High Quality Polyethylene Brand: Ever Safe Feature: PP rope reinforced in hems, reinforced eyelets Country of import: China			
Clear Plastic Nylon film, 4m x 5m	Chinese import	10,000 L.L	15,000 L.L	9,000 L.L

Exact specifications required were not highly available within the markets. However, existing specifications have been denoted above. Both availability of materials and ranges in prices vary from larger suppliers to vendors, respectively. Both locations confirmed the materials were imported (mainly from China), available, and had the ability to quickly restock. When asked, suppliers informed that for the plastic sheeting heavy duty, white and blue sheeting was available (at 50/50 ration) Noticed were significant ranges in prices for plastic sheeting. Prices for plastic sheeting were collected per 5m*4m dimensions.

The initial forecasted prices for plastic sheeting heavy duty were 18,000 L.L. Price variations are difficult to calculate for this cadastre due to the unavailability of materials in the market, however, as can be seen in the above table, and as deduced throughout the assessment, prices remain fairly less expensive for lower bound values, and slightly more expensive for upper values.

It is important to note that only the larger supplier in the assessed market was able to provide the detailed specification requested by SCI shelter staff. Both shared information have been attached within the e-communication.

3.2.2. Timber LOT

Item	Spec	Price Range		Initial forecast
		Lower bound value	Upper bound value	
Timber 80mm*80mm*3m	Romanian Import / AD	8,000 L.L	-	9,000 L.L
Timber 100mm*50mm*4m	Romanian Imported / AD	8,500 L.L	-	7,500 L.L
Timber 100mm*25mm*4m	Romanian Imported / AD	4,500 L.L	-	5,250L.L
Timber 100mm*25mm*4.8m	Romanian Imported / AD	9,000 L.L	-	7,500 L.L
Plywood 244 cm * 122 cm * sheet 8mm	معاكس Indonesian	13,000 L.L	-	19,500L.L
Plywood 244 cm * 122 cm * sheet 4mm	معاكس Indonesian	9,000 L.L	-	10,500 L.L

Larger suppliers are dominant particular to this LOT. Timber items are mainly imported from Romania, and prices depend on Air Dried specifications. All locations confirmed the materials were available and had the ability to quickly restock. Noticed were negligible differences in prices. Plywood items are imported from China, and Indonesia, and prices vary accordingly.

The initial forecasted prices for timber on average was 7,500 L.L. Actual, lower bound, collected prices for timber on average are 7,500 L.L., with no difference from initial forecasted prices. Initial forecasted prices for plywood averaged 15,000L.L. Actual, lower bound, collected prices for plywood on average are 15,500 L.L. , with negligible recorded differences between actual and forecasted prices.

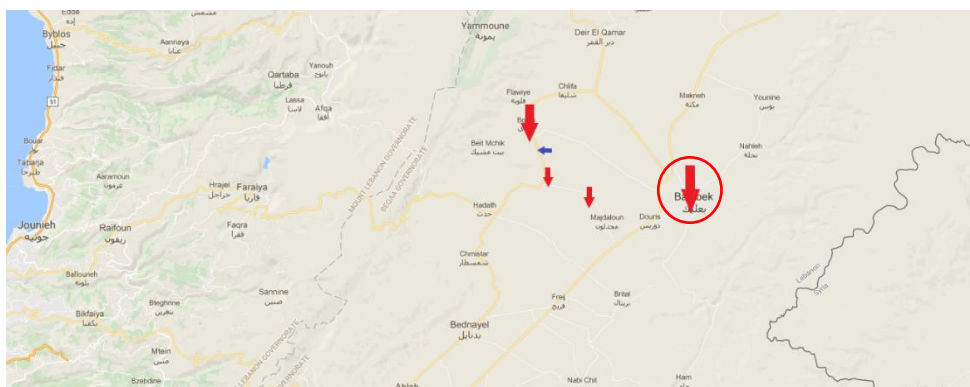
3.2.3. Ironmongery & Tool LOT

Item	Spec	Price Range		Initial forecast
		Lower bound value	Upper bound value	
Ironmongery LOT				
Timber screws 4mm shank diameter x 25 mm long	Per 100 pieces Chinese Lower Bound / Grade I Chinese upper bound	1,500 L.L	3,000 L.L	6000 L.L
Roofing Nails 4mm shank diameter x 60	Per 100 pieces Chinese Lower Bound / Grade I Chinese upper bound	1,500 L.L	3,750 L.L	3,750 L.L
Timber nails - 2mm shank diameter x 30mm length	Per 100 pieces Chinese Lower Bound / Grade I Chinese upper bound	1,000 L.L	2,250 L.L	3,000 L.L
Timber nails - 4mm shank diameter x 50mm length.	Per 100 pieces Chinese Lower Bound Grade I Chinese upper bound	1,500 L.L	4,500 L.L	3,000 L.L
Timber nails - 4mm shank diameter x 75mm length	Per 100 pieces Chinese Lower Bound / Grade I Chinese upper bound	1,500 L.L	6,000 L.L	3,000 L.L
Steel angle sections 10x10x2.5cm	Per piece Chinese Lower Bound / Grade I Chinese upper bound	500 – 1,500 L.L	1,250 L.L	500 L.L
Rubber Ties square section 15mm. Roll of 50 meters	Per avg. Chinese Lower Bound / Grade I Chinese upper bound	7,500 L.L	29,000 L.L	7,500 L.L
Stapler (with adequate stapples) Stapples Gun Tacker - Medium Duty – Manual	Per Piece Chinese Lower Bound / Europe Chinese upper bound	8,000 L.L	10,000 L.L	22,500 L.L
Hinges 15cm long x 3cm wide	Per piece Chinese Lower Bound / Grade I Chinese upper bound	500 L.L	1,500 L.L	750 L.L
Hasp 10cm length x 3cm wide	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,000 L.L	1,500 L.L	1,500 L.L
Padlock Body size minimum 4x4x2cm	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,500 L.L	2,500 L.L	1,500 L.L
Flue Pipe 15cm diameter x 50cm length	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	3,000 L.L	10,000 L.L	10,500 L.L
Tool LOT				
Carpentary Hammer 35cm long	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	5,000 L.L	6,000 L.L	4,500 L.L
Wood Saw 50cm long	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	9,000 L.L	9,000 L.L	4,500 L.L
Cutter	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,500 L.L	4,000L.L	3,000 L.L
Screw-driver 6mm wide blade-head, Shaft length:12.5cm	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,500 L.L	2,000 L.L	3,000 L.L
Tape Measure 10m length.	Per piece (avg. 7.5 m) Chinese Lower Bound / Europe or Grade I Chinese upper bound	3,000 L.L	10,500 L.L	5,250 L.L

Ranges in prices vary from larger suppliers to vendors, respectively. Both locations confirmed the materials were imported, available, and had the ability to quickly restock. Noticed were ranges in competitive prices and availability of both medium and high quality items at larger suppliers. Lower and upper bound values of items depend on the country of import (Chinese and European markets [mostly Swedish products], respectively). Exact prices per specifications are noted.

The initial forecasted prices for the ironmongery LOT were 5,000 L.L. Actual, lower bound, collected prices were 3,000 L.L., and are approximately 40% less expensive. Actual, upper bound, collected prices were 5,750 L.L. and are approximately 15% more expensive than initial forecasted costs. The initial forecasted prices for the tool LOT were 4,000 L.L. Actual, lower bound, collected prices were 4,000 L.L., with no recorded difference in prices. Actual, upper bound, collected prices were 6,750 L.L. and are approximately 36% more expensive than initial forecasted costs.

3.3. Bouday, Saiide, & Haouch Moussa – Baalbek Market Included



The picture above showcases locations of both market assessed in Baalbek, and selected informal settlements in Bouday, Saiide, and Houche Barada cadasters. These cadasters are farther from markets (Baalbek market) when compared to other cadasters (averaging 18 km). However, one main supplier was found within an average distance of 2 km from surrounding informal settlements with items at competitive costs. By association, the average transportation costs from Baalbek market is about 10,000 L.L., while it would cost an approximate 2,000 L.L. to purchase materials at the main supplier in the area. In addition to that, ATMs (outlined parameter on the map) are mostly located outside the cadasters assessed, and mainly in Baalbek.

The below information pertains to the varying and average costs of the weatherproofing kit items available in Baalbek, Bouday, Saiide, and Houche Barada:

3.3.1. Plastic Sheet/film LOT

Item	Spec	Price Range		Initial forecast
		Lower bound value	Upper bound value	
Plastic sheeting heavy duty 100g/m ²	Inner HDPE woven fabric ,both sides coated by LDPE material. Cost per (4x5)m ² Colour: White Country of Import : China	8,000 L.L	12,750 L.L	
Plastic sheeting heavy duty 150g/m ²	Laminated woven polyethylene, completely water proof, strong tear proof, mildew proof, grommets on each corner and all around, poly roping in hem all around Weight: 120 g/m ² Country of import: China			

Plastic sheeting heavy duty 190g/m ²	Laminated woven polyethylene, completely water proof, strong tear proof, mildew proof, grommets on each corner and all around, poly roping in hem all around Weight: 160 g/m ² Country of import: China	16,500 L.L	18,000 L.L	21,000 L.L
Clear Plastic Nylon film, 4m x 5m	Inner HDPE woven fabric ,both sides coated by LDPE material. Cost per (4x5)m ² Colour: White Country of Import : China	8,000 L.L	12,500 L.L	9,000 L.L

Exact specifications are lacking due to the limited knowledge of the interviewee. However, existing specifications have been denoted above. Both locations confirmed the materials were imported (mainly from China), available, and had the ability to quickly restock. When asked, suppliers informed that for the plastic sheeting heavy duty, white and blue sheeting was available (at 50/50 ration) Noticed were significant ranges in prices for plastic sheeting. Prices for plastic sheeting were collected per 5m*4m dimensions.

The initial forecasted prices for plastic sheeting heavy duty was 17,000 L.L. (it is important to note that the second item was removed from the calculations as it was neither available at larger suppliers, nor at smaller suppliers). Actual, lower bound, collected prices on average are 11,000 L.L., and are approximately 35% less expensive than initial forecasted prices. Actual, upper bound, collected prices on average are 21,750 L.L. are approximately 21% more expensive than initial forecasted prices.

3.3.2. Timber LOT

Item	Spec	Price Range		Initial forecast
		Lower bound Value	Upper bound value	
Timber 80mm*80mm*3m	Russia / Romania - AD	7,750 L.L	8,000 L.L	9,000 L.L
Timber 100mm*50mm*4m	Russia / Romania - AD	8,500 L.L	9,000 L.L	7,500 L.L
-Timber 100mm*25mm*4m	Russia / Romania - AD	4,250 L.L	4,500 L.L	5,250 L.L
Timber 100mm*25mm*4.8m			-	7,500 L.L
Plywood sheet 8mm	معاكس Indonesian / Chinese	15,000 L.L	25,000 L.L	19,500 L.L
Plywood sheet 4mm	معاكس Indonesian / Chinese	15,000 L.L		10,500 L.L

Two main suppliers were assessed for this LOT, one supplier in the Beqaa market, and one with the adjacent cadasters. Timber items are mainly imported from Romania or Russia, and prices depend on Dried specifications. All locations confirmed the materials were available and had the ability to quickly

restock. Noticed were negligible differences in prices. Plywood items are imported from China, and Indonesia, and prices vary accordingly.

The initial forecasted prices for timber on average was 7,250 L.L. (the third item was excluded from the calculations as it was not available as a result of the market assessment). Both actual, lower and upper bound, collected prices for timber on average are 7,000 L.L., with negligible recorded differences in prices. Price variations are difficult to calculate for this cadaster due to the unavailability of materials in the market, however, as can be seen in the above table, and as deduced throughout the assessment, prices remain fairly less expensive for lower bound values, and slightly more expensive for upper values.

3.3.3. Ironmongery & Tool LOT

Item	Spec	Price Range		Initial forecast
		Lower bound Value	Higher bound Value	
Ironmongery LOT				
Timber screws 4mm shank diameter x 25 mm long	Per 5 kg Chinese Lower Bound / Grade I Chinese upper bound	9,000 L.L	10,000 L.L	6000 L.L
Roofing Nails 4mm shank diameter x 60	Per 5 kg Chinese Lower Bound / Grade I Chinese upper bound	9,000 L.L	15,000 L.L	3,750 L.L
Timber nails - 2mm shank diameter x 30mm length	Per 5 kg Chinese Lower Bound / Grade I Chinese upper bound	9,000 L.L	15,000 L.L	3,000 L.L
Timber nails - 4mm shank diameter x 50mm length.	Per 5 kg Chinese Lower Bound Grade I Chinese upper bound	7,500 L.L	9,000 L.L	3,000 L.L
Timber nails - 4mm shank diameter x 75mm length	Per 5 kg Chinese Lower Bound / Grade I Chinese upper bound	9,000 L.L	9,000 L.L	3,000 L.L
Steel angle sections 10x10x2.5cm	Per piece Chinese Lower Bound / Grade I Chinese upper bound	1,000 L.L	250L.L	500 L.L
Rubber Ties square section 15mm. Roll of 50 meters	Per avg. Chinese Lower Bound / Grade I Chinese upper bound	7,000 L.L		7,500 L.L
Stapler (with adequate stapples) Stapples Gun Tacker - Medium Duty – Manual	Per Piece Chinese Lower Bound / Europe Chinese upper bound	10,500 L.L	14,000 L.L	22,500 L.L
Hinges 15cm long x 3cm wide	Per piece Chinese Lower Bound / Grade I Chinese upper bound	750 L.L	2,000 L.L	750 L.L
Hasp 10cm length x 3cm wide	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	500 L.L	3,000 L.L	1,500 L.L
Padlock Body size minimum 4x4x2cm	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	3,000 L.L	3,500 L.L	1,500 L.L
Flue Pipe 15cm diameter x 50cm length	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	9,000 L.L	15,000 L.L	10,500 L.L
Tool LOT				
Carpentry Hammer 35cm long	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	7,000 L.L	7,500 L.L	4,500 L.L
Wood Saw 50cm long	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	9,000 L.L	15,000 L.L	4,500 L.L
Cutter	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	1,500 L.L	5,000 L.L	3,000 L.L
Screw-driver 6mm wide blade-head, Shaft length:12.5cm	Per piece Chinese Lower Bound / Europe or Grade I Chinese upper bound	2,000 L.L	3,000 L.L	3,000 L.L

Tape Measure 10m length.	Per piece (avg. 7.5 m) Chinese Lower Bound / Europe or Grade I Chinese upper bound	7,000 L.L	15,000 L.L	5,250 L.L
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Ranges in prices are compared according to prices collected from Baalbek markets and main supplier within the adjacent cadasters. All locations confirmed the materials were imported, available, and had the ability to quickly restock. Noticed were nearly negligible ranges in price. Lower and upper bound values of items depend on the country of import (Chinese and European markets [mostly Swedish or high quality Chinese products], respectively). Exact prices per specifications are noted.

The initial forecasted prices for the ironmongery LOT were 5,000 L.L. However, actual, lower bound, collected prices were not collected according to quantity used during the initial forecast, and therefore calculations (if conducted as above), will not portray approximate costs carnations. Therefore, it can be assumed, similar to the above results of different cadasters and markets, the prices remain fairly less expensive for lower bound values, and slightly more expensive for upper values.

3.4. Challenges and Risks of Associated Costs

Findings show that all materials (kit items) are available within cadaster markets. Associated challenges include the following:

- Availability of all materials per LOT at each supplier
- Availability of ATM machines, mainly within Houche Barada, Bouday and Saiide cadasters.
- Low availability of large suppliers of timber & plywood within close proximities of the informal settlements.
- Low availability of precise costs of transportation.

In effect, associated risks include beneficiaries losing money while trying to access the cash at ATMS, especially beneficiaries living in informal settlements in Bouday, Saiide and Houche Barada. The closest ATMs to those cadasters are in the Baalbek markets. This could put the beneficiaries at risks of losing some value of the cash assistance if a small fee (whether from a middle man or increased transportation costs) in return for gaining access to the cash.

4. Conclusion, Recommendations and Next Steps:

Next Steps:

As highlighted in the 'Cash for Weatherproofing, Action Plan' template shared with UNHCR prior to the implementation of the quick market assessment, next steps include technical and socio-economic assessments of the households within the three cadasters for vulnerability ranking and selection. SCI shelter staff have begun conducting the assessments in Zahle Houche El-Oumara Aradi. Once completed, the team will move on conducting assessments in Ajar / Majd Al Anjar, followed by Bouday, Saiide and Houche Barada.

Referring to section 3.1 of the report, SCI shelter team has accounted for risks of evictions in the Zahle Houche El-Oumara Aradi cadaster, and has included within its technical assessments questions that capture the level of risk of each household. All households who are subject to eviction (either through

receiving notice of eviction or have been informed of the possibility of an eviction) shall not be included in the selection process of the pilot.

Conclusion and Recommendations:

In conclusion, the market assessment proved to be highly valuable perquisite, especially in the case of the cash for weatherproofing pilot project. It is a fundamental step to ensuring due diligence through improved communication with beneficiaries on the location of available materials and associated costs, as well as gaining a realistic understanding of market values that organizations would find valuable for future pilots. The quick market assessment can be catered to identify prices of a range of items specific to each shelter intervention to ensure

In order to properly manage the timeframe in the action plan, the team was selected according to their knowledge and familiarity with the markets to be visited. This not only allowed effective time management, but also facilitated the interviewing process and retrieval of information vital to the work of the pilot.

It is highly recommended that this market assessment be taken into consideration by any shelter actor prior to implementing of their interventions, as it captures information useful, necessary, and fundamental to the success of similar projects. The templates developed by UNHCR and SCI are simple, comprehensive, and allow shelter staff to easily collect the relevant and required information.