



International Organization for Migration (IOM)  
The UN Migration Agency

**INVITATION TO BID (ITB)  
for the  
RFQGEN #2021.0057 (17-Mar-2021): Supply, Storage and Delivery of Mobile  
Storage Units for IOM Global Use**

**BID BULLETIN  
Addendum No. 2**

This Addendum No. 02 is issued to address inquiries and clarification from bidders and modify information provided in the Invitation to Bid for the Supply, Storage and Delivery of Mobile Storage Units for IOM Global Use under Long Term Agreement posted in IOM and UNGM websites on 17 March 2021.

**A. General Instructions to Bidders**

1. The following forms were updated under the Section 3 (Standard Bid Forms) of the ITB and attached hereto:
  - a) Annex A.1 Acceptable Quality Limit (AQL)
  - b) Annex D.1 Price Schedule form was replaced with Annex D.1 Amendment 1

**B. Inquiries from Bidders**

**I. Commercial Inquiries**

<b>Question</b>	<b>Answer</b>
1. What is the estimated order quantity?	IOM aims to sign a Long Term Agreement/s (LTA/s) for a period of up to three (3) years with no guarantee for any minimum order quantities under the LTA. However, based on historical records IOM has purchased approximately 17 units through global LTA.
2. What is the estimated order quantity for Lot 1 and reserved stock quantity for Lot 2? Could you please provide procurement details of approximate annual demand of Mobile Storage Units(MSUs)?	Please refer to the answer to question #1 above. As for the reserved stocks, IOM requires at least three (3) units be stored in the vendor managed warehouse.

*RG* *M*

Question	Answer
<p>3. Does IOM confirm that all reserved stock will be purchased before the end of contract?</p>	<p>Yes, this will be clearly captured in the contract that at least three (3) units should be made available to IOM at any time during the LTA period. When IOM places order during the LTA period, Supplier should replenish the reserved stock based on agreed reserved quantity. However, during the last six (6) months of the LTA, Supplier will only replenish upon advise of IOM. IOM will then purchase the reserved stocks prior to the end of the LTA period.</p>
<p>4. For Lot 2, pursuant the requirement of the bidding documents, we shall "Maintain sufficient quantities of the Goods with/without IOM Logo at all times". What will be the range of "sufficient quantities"?</p>	<p>This pertains to the reserved stock quantity with IOM logo, which will be clearly captured in the LTA. Please refer to the answer to question #3 above.</p>

## II. Technical Inquiries

Question	Answer
1. Are ventilation and window required? If yes, please clarify the size and quantity.	Four (4) ventilation openings are required yes, as per Annex A. 1 Acceptable Quality Limit (AQL). Windows are not required.
2. How many doors are required? Please also clarify the size of doors.	Please refer to Annex A.1 AQL parameter 6 which states that 2 doors are required with width minimum 4.5m, heights min 4.0m
3. Please clarify the packaging requirement, if any.	Please see Annex A.1 AQL parameter 19 which details the packaging requirements.
4. Is there a weight limit of container?	Please refer to parameters 9 and 19 in the Annex A.1 AQL for any weight requirements of components and packaging.
5. Please confirm if tent size 10x33m is acceptable (in increments of 3m).	Not Acceptable, please refer to Annex A.1 AQL parameter 4.8.
6. Is packing requirement in standard forms mandatory or can we make some adjustment?	Yes, refer to Annex A.1 AQL 19 for standard packaging.
7. Regarding the flame retardance, please confirm if DIN4102 standard is acceptable.	Refer to Annex A.1 AQL parameter 1.8 – EN13501, Different matrices exist and many have a slightly different interpretation and does not mean that it automatically obtains the comparable European (or other national) rating.
8. Regarding the doors, please confirm if you only need the doors be made of PVC material. Do you need solid frame for the door?	Please refer to Annex A.1 AQL parameters 6.4 and 3.2.

Question	Answer
9. Regarding the doors' height, please confirm if 3.3m is acceptable.	This is not acceptable, please refer to Annex A.1 AQL parameter 1.6
10. Regarding the doors, please confirm if it will be on each gable (10m) end.	This is confirmed.
11. Regarding the lighting and electrical systems, should it be LED? Please advise the quantity of light.	This is just an optional accessory. Vendor can provide options as long as illuminance is 150 lux as per Annex A.1 AQL parameter 15.
12. For first and second package, please confirm if plastic pallet is acceptable.	Refer to Annex A.1 AQL on packaging requirements, we would like to avoid plastics where possible.
13. Regarding the snow load, please confirm if it is 0.75kN/sqm.	This is confirmed.
14. Regarding the ridge height, please advise if 4.85 is acceptable.	No, refer to Annex A.1 AQL parameter 4.5 for the allowable tolerances.
15. Regarding the feet/baseplates, please advise the range.	Adjustable feet must be able to extend minimum 20cm.
16. Regarding the weight, please confirm if 850g +/- 20g/sqm under DIN53352 is acceptable.	Refer to Annex A.1 AQL 1.6 for allowable tolerances.
17. Please provide reference images of the MSUs.	Refer to Annex A.1 AQL for schematic design.

Very truly yours,



08/04/2021

**Niiara ABLIAMITOVA**

Head, Global Procurement and Supply Unit






International Organization for Migration (IOM)  
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## AQL for MSU

### Definitions, penalties, **Corrective Action Plan** and Quality Control rules.

MA/QA/AQL/000009/MSU  
ver1  
09.03.2021

**Nonconformities classification: Critical: C; Major: M; Minor: m**

#### **Definitions:**

**Critical nonconformity** : Any discrepancy which might harm an user or makes it impossible to use the product properly is considered to be critical. Lots with Critical discrepancy are subject to refusal.

**Major nonconformity** : Any discrepancy which makes the use of the product less efficient than expected is considered to be major. Lots with Major discrepancies can be accepted.

**Minor nonconformity** : Any discrepancy which does not have an influence on the performance of the product is considered to be minor. Lots with Minor discrepancies can be accepted.

#### **Non-Conformities classification and related penalties:**

**Corrective action plan must be implemented by the vendor on its processes, addressing root causes of occurrence (production) and of non-detection of the nonconformity (QC).**

#### **Critical: (AQL 0)**

Nonconforming characteristic (number of nonconforming items  $\geq$  Rejection number. ISO-2859-1) implies a penalty of 10% of the value of the total PO and is subject to lot refusal.

#### **Major: (AQL 4.0)**

Nonconforming characteristic (number of nonconforming items  $\geq$  Rejection number. ISO-2859-1) implies first time a penalty of 0.5% of the value of the total PO, second time 1 %, and + 0.5% at every occurrence for the duration of the contract per each nonconforming characteristic. **>10% of nonconforming items is subject to lot refusal.** Penalty is put on hold for 3 months from the date of sharing of the inspection report with supplier, after this period if the nonconformity is not anymore found by inspection the penalty is cancelled, if the nonconformity still exists the penalty applies for the whole POs received during the 3 months.

#### **Minor: (AQL 6.5)**

Nonconforming characteristic (number of nonconforming items  $\geq$  Rejection number. ISO-2859-1) implies 2 times without penalties, third time a penalty of 0.5% of the value of the total PO, fourth time 1 %, and + 0.5% at every occurrence for the duration of the contract per each nonconforming characteristic. **>10% of nonconforming items is subject to lot refusal.** Penalty is put on hold for 3 months from the date of sharing of the inspection report with supplier, after this period if the nonconformity is not anymore found by inspection the penalty is cancelled, if the nonconformity still exists the penalty applies for the whole POs received during the 3 months.

#### **Quality Control and Acceptance Quality Level**

- The Method of testing is drawn from ISO-2859-1 International Standards (table1: Sample size code letters, and table 2-A: Single sampling plans for normal inspection). The samples will be taken randomly by the buyer from the delivered items and then inspected.
- The buyer can decide either to inspect the lot at IOM QC laboratory or to use an inspection company for analysis, or both. Transport to laboratory and analysis cost for lab testing are at expense of IOM.
- The vendor can contest the results of the Quality Control done at IOM warehouses by requesting a lab testing. In this case transport to laboratory and analysis cost for lab testing are at expense of the seller.
- **Nonconformity**: non-fulfilment of a specified characteristic requirement.
- **Nonconforming item**: item with one or more nonconformities.
- **Lot**: definite amount of some product, material or service, collected together.
- **Sample**: set of one or more items taken from a lot and intended to provide information on the lot.

AQL Mobile Storage Unit (MSU) Specifications and Quality Control		MA/QA/AQL/000009/MSUver1 09.03.2021			
Nonconformities classification: Critical: <b>C</b> ; Major: <b>M</b> ; Minor: <b>m</b>					
Items	Characteristics	Nonconformities classification	QC type	AQL	QC Inspection at IOM warehouses and lab testing Unless otherwise specified, a maximum tolerance of +/- 1% is accepted on all dimensions.
1. Specifications for all tent components made of PVC sheet (roof, walls, mud-flaps, ground sheet, shade-fly, and other sheet components)	1. Material for the cover	C	Ok/Nok	0	Polyvinyl Chloride (PVC) coated polyester as per ISO1833
	2. Cover characteristics	M	Ok/Nok	4	Fire retardant, fully waterproof, and rot-proof, UV resistance of minimum 6 years.
	3. Coating colour	m	Ok/Nok	6.5	RAL 9010
	4. Tear Strength (N)	M	Measurement	4	Minimum 250N under DIN53363 or ISO 4674, with a test piece of 200x200mm as described in ISO4674
	5 UV resistance measured as remaining tensile strength after UV exposure.	M	Measurement	4	Tested with ISO1421-1 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak). Minimum 80% of the original value of the actual product, AND not less than 475N.
	6. Weight	M	Measurement	4	700.0 g/m <sup>2</sup> +/-0.5% in finished state under ISO3801
	7. Seams and stitching	M	Measurement	4	All seams that are subject to possible tension must be double lock stitched or double row binding, waterproof The stitches can be waterproofed with tape on the inner side where required. Stitching produces strong, long-lasting, neat and professional looking seams. The stitch count as well as UV and rot-proof sewing threads must be appropriate and suited to the fabric. Stitching must provide strong, waterproof seams with at least the same lifespan as the tent. The seams must be oriented to facilitate the unimpeded runoff of rain: avoid creating water lines or water pockets. Wherever possible, the colour of the sewing thread should be compatible with the fabric colour
	8. Flame retardant	C	Ok/Nok	0	according to EN13501, through FR Test EN13823 Minimum class D, s2, d2. Minimum time to reach large wing external edge: 4minutes (LFS)
2 Specifications for the waterproofing	1 Water-penetration resistance	M	Measurement	4	ISO811 . The test pieces include seams. Seams tapes are positioned on the inner face of the tent (opposite to the water).30hPa minimum, increasing speed at 100mm per minute
	2. Rain-penetration resistance	M	Measurement	4	ISO5912:2003 The test piece is the complete tent with the shade-fly in place.(attention: ISO5912:2011 does not apply). There should be no water penetrating inside the tent, including through capillarity action.Apply procedure as per point 4.2.11 in ISO5912:2003 and point 5.6 plus following:A visual control from the inside of the tent, while the artificial rain is on, must be done after 2h and 5h, with the complete tent.The test operator should ensure that the set up of the test will not create condensation inside the tent that could be interpreted as leakages.
3 Specifications for the frame components	1. Weight	M	Measurement	4	Max individual part weight is 50kg
	2. Materials	M	Ok/Nok	4	Aluminum box profiles and hot-dipped galvanised hardware that are fully HF welded
	3. Wind Load (kN/m2)	M	Measurement	4	Minimum 0.6
	4. Snow Load (kN/m2)	M	Measurement	4	Minimum 0.75 under ISO8937 (snow load for camping tent).
4. Dimensions / erecting system	5. Dimensions, Ridge height (m)	M	Measurement	4	5.5 +/-0.5%.
	6. Dimensions, Side wall height (m)	M	Measurement	4	3.3 +/-0.5%.
	7. Dimensions, Width (m)	M	Measurement	4	10
	8. Dimensions, Length (m)	M	Measurement	4	24 or 32 as required
	9. Unit volume bulk (m3)	M	Measurement	4	600
5. Ventilation	Ventilation openings	M	Ok/Nok	4	4 total openings above vehicle doors with sealable covers and insect mesh
6 Doors	1 Dimensions, Doors height (m)	M	Measurement	4	Minimum 4.0
	2 Dimensions, Doors width (m)	M	Measurement	4	Minimum 4.5
	3 Number of doors	M	Measurement	4	2
	4 Material	M	Ok/Nok	4	same material of PVC coated polyester located at both ends that are vehicle (sliding) type
7 Feet/baseplates	Requirements	M	Ok/Nok	4	Adjustable feet/baseplates to level the MSU on uneven ground
8 Ballast anchors	Requirements	M	Ok/Nok	4	A series of ballast anchors to seal the structure at ground level
9 Assembly and carry of parts	Requirements	M	Ok/Nok	4	Each individual component can be comfortably handled by a maximum of two people undertaking installation using only tools provided by the contractor.
10 Installation instructions	Requirements	m	Ok/Nok	6.5	The MSU shall be provided with clear installation instructions and colour coded or other suitable system for identification of connecting parts on site.
11 Tool kit	Requirements	m	Ok/Nok	6.5	Ladder, spade, sledgehammer, measuring tape, polyester rope, working gloves, set of spanners for bolts, spikes extractor with gear ratio.
12. Repair kit	Requirements	m	Ok/Nok	6.5	1 kit composed of 1 needle, 20m stitching thread, 3m polyester rope or string of 3mm used to attached the canvas spare piece around the bundle.
13. Set-up instruction	Requirements	m	Ok/Nok	6.5	One set-up instruction sheet in English, showing step by step set-up information drawings and item content list and information, printed on durable laminated paper or durable fabric (see part 7/1). These instructions should be accessible immediately after opening the tent package.
14. Manufacturer identification	Requirements	m	Ok/Nok	6.5	Made with a strong textile tag of 10x10cm with durable print, and stitched inside the tent, in the vertical seam of one tent corner. The tag should include the manufacturer name, the batch number and production date

#### 4. Optional accessories

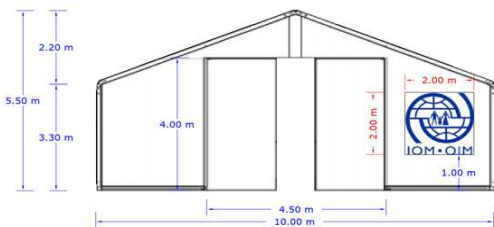
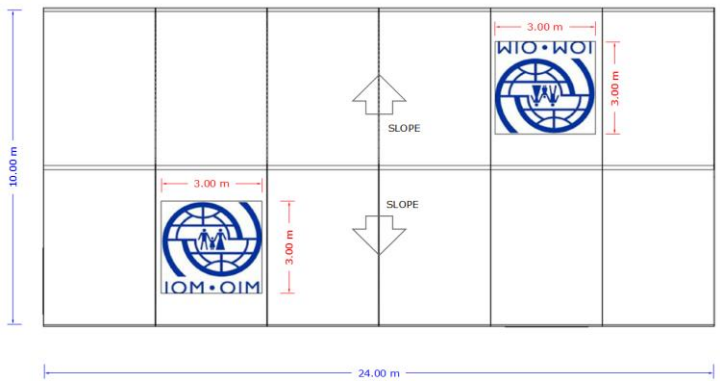
15. Lighting system and electrical system	Requirements	M	Ok/Nok	4	Lighting system: Lighting system with floor level illuminance of 150 lux
16. Fire alarm system	Requirements	M	Ok/Nok	4	One fire alarm system
17. Mechanical ventilation system	Requirements	M	Ok/Nok	4	A heavy duty, in-line, high efficiency air exchange ventilation system. The system shall be placed internally at the midpoint of the MSU at roof level to distribute air within the MSU. Contractor to provide full details within its offer regarding how and where the ventilation system would be fixed to the MSU; routing of cabling, sealed when not in use to prevent insect entry.
18. Renewable energy system	Requirements	M	Ok/Nok	4	A renewable energy system that will meet the minimum load requirement for the lighting system, fire alarm system, and mechanical ventilation systems and shall include a battery bank.
19. Electrical system	Requirements	M	Ok/Nok	4	Electrical System: Any optional electrical systems shall be suitable for connection to either 220V-50hz systems. Electrical goods shall be provided complete with all fittings necessary to connect them to mains/generators/PV systems via standard electrical power connections.
19 Packaging	Requirements	M	Ok/Nok	4	Goods delivered should arrive with appropriate packaging that allows IOM staff to process the offloading, inspection, location and preparation for its rapid dispatch. All Goods should be delivered packed, wrapped, strapped and palletized on Euro pallets or other pallets not exceeding the maximum height of 1.1m, according to the weight of the pallet. Materials used for packaging shall be reduced where possible, specifically plastics, to ensure a more environmentally friendly product.
	1st package	M	Ok/Nok	4	<b>Must contain the following:</b> 7x Roof cover, 4x Logo banner 1x Roof cover for logo, 113 x 80 x 127 (dimension) 2x Gable cover with sliding door, 690 kg (weight) 4x Gate cover, 1.148 cbm (volume)
	2nd package	M	Ok/Nok	4	<b>Must contain the following:</b> bolts and nuts 550 kg (weight) 113 x 80 x 74 (dimension) 0.668 cbm (volume)
	3rd package	M	Ok/Nok	4	<b>Must contain the following:</b> 18x Half truss, 1x Lifting fork for purlins 24x Purlins, 365 x 64 x 50 (dimension) 16x Wall tension bars, 435 kg (weight) 4x Gable columns, 1.168 cbm (volume)
	4th package	M	Ok/Nok	4	<b>Must contain the following:</b> corner joints 437 x 31 x 25 (dimension) 2x Gate assembly, 95 kg (weight) 2x Gable tension bar right, 0.338 cbm (volume) 2x Gable tension bar left
5th package	M	Ok/Nok	4	<b>Must contain the following:</b> corner joints 422 x 40 x 8 (dimension) 1 x ladder 7 kg (weight) 0.135 cbm (volume)	
20. Marking	On the package	m	Ok/Nok	6.5	The buyer's markings (clearly readable) must be printed on the outside indelible ink: Marking as per Purchase Order.
	Logos	m	Ok/Nok	6.5	Labels: Banners that can be attached or printed directly on tent fabric. Label dimensions: refer to logo placement below Number of labels: 6

#### Reference Drawing

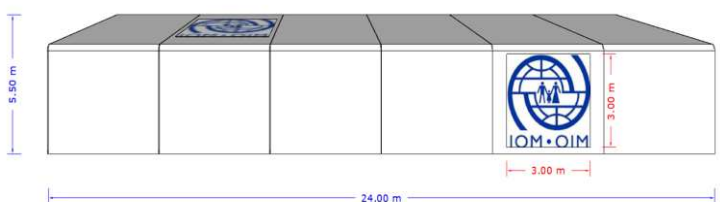


Mobile Storage Unit (MSU)

Top View



Front Elevation View



Side Elevation View

**PRICE SCHEDULE FORM**

Item No.	Description of Goods	Country of Origin	Qty/Unit	Unit Price EXW	Unit Price FOB	Unit Price FCA	Transportation/ Handling Cost	Taxes if Applicable	Total Price per Item
			1-10						
			11-20						
			21-30						
			31-40						
			41-50						
			51-60						
			61-70						
			71-80						
			81-90						
			91-100						

Name of Bidder: \_\_\_\_\_

Signature of Bidder: \_\_\_\_\_

Date: \_\_\_\_\_