

Technical evaluation for purchasing mobile border processing unit	
Section A	
Truck Base	
#	Technical Description
1	Vehicle base (MERCEDES)
2	Drive style: 6 x 4
3	Steering wheel position: Left hand
4	Steel spring suspension
5	Body type: Flat Roof
6	Engine type: In-Line, six. cylinder, water cooling, diesel
7	Displacement (L): 9.276
8	Max power (ps/rpm): 250/340 (2200)
9	Max torque (Nm/rpm): 1350 (1100-1600)
10	Gross Vehicle Weight: 25.000Kg
11	Wheelbase: 3825 + 1350mm
12	Total length: 8480 mm
13	Total width: 3400mm
Section B	
Office Container and other Accessories.	
. Internal dimensions:	
1	Length: 5860 mm - Width: 2240 mm - Height: 2340 mm . Produced with heavy-duty steel framework and ruggedized steel plates . Walls insulation: polyurethane foam, 60mm thickness . Roof insulation: mineral wool, 100mm thickness . Flooring insulation: mineral wool, 60mm thickness . Floor covering: PVC grey color . 02 Windows with normal and tilting opening and blinds . 02 External steel doors (875mm x 2065mm) . 02 Retractable steps placed under external access doors . 01 Rolling electrical store on right side, model FIAMMA; Store can be operated by control box (switch) or manually in case of lack of energy. - Forward dimension: 2500mm Shadow surface: 8,3m; including:
AC Equipment	

- 02 Outdoor units of Air Conditioner, wall mount type, with high cooling capacity (24.000BTU each unit)
- . 02 Indoor units for Air Conditioned deliver
 - . Hybrid Energy solution 1300W (Eolic & Solar)
 - . 04x Photovoltaic solar panels with 130W power (each) installed outside roof container, with easy set points to adjust sun position
 - . 01x Wind turbine Ecosolar 400W 12V (600W peak)
 - . 01x Multiplus inverter-charger-controller (3 in 1)
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- Pure sine wave inverter 12V 800W (1600W peak)
 - Maximizer regulator 50A 12V
 - Battery charger 30A 12V
 - . 01x Wind screen controller 12V 600W
 - . 02x Gel battery (low self-discharge, completely sealed and maintenance free) with 250Ah capacity/each
 - . Accessories (cables, connectors, fuse holders, fuses, cable and battery connectors)

Silenced Generator unit, single-phase, electric starter

- . Diesel Koehler engine with 9kVA power @3000rpm (8100Watt), installed in a housed, insulated and separated servicing access compartment, autonomy for 8 hours.
 - . Electric system and lighting
 - . 08 Internal LED lights fixed in the roof and distributed along container rooms.
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- . Each room will be equipped with switches for lighting control
 - . 08 Electric socket of 220V
 - . 04 Electric socket of 12V
 - . Electrical cabling system

Internal conversion

- 01 Covering of side walls and roof with washable materials
- . 02 Internal walls splitting the container into 3 separate rooms (forensic laboratory, immigration processing and waiting/reception area)
 - . 02 Internal doors allowing communication between rooms
 - . Workbench for communication and IT storage
 - . Cabinets with lockable doors and drawers placed in both working rooms for devices and materials storage
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- . 02 Chairs with arm support, 5 castors and lockable system when truck is moving.
 - . 01 Couch "L" shape in waiting area, lined with washable material and lower Storage compartment
 - . 01 Table in waiting area (newspaper, magazines, etc.)

Others

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- . 2 x Water tank with 60L capacity, mounted outside clinic, under the body
- . Steel construction support for water tank mounting
- . Lettering & signs with reflective sticker according to client requirements.
- "Logo" on side panels of vehicle
- Logo/Flag on the vehicle side panels
- External access ladder to the roof