**MEDICAL INFRASTRUCTURE CATALOGUE**

**TECHNICAL CHARACTERISTICS**

(TO BE FILLED IN BY MSF OR SUPPLIER)

|  |  |
| --- | --- |
| Reference/name | <Generic name> |
| Date of last update | <dd-mm-yy> |
| Image+ | <Upload image> |
| Name of assessor | <name> |
| Date | <dd-mm-yy> |

**Supplier/manufacturer**

|  |  |
| --- | --- |
| Name | <name of company> |
| Location | <city/country> |
| Contact person | <name/email address/telephone> |
| Website | <website> |
| Description | <activities e.g. production and sales of festival tents> |
| Size | <#employees, #clients> |
| Average stock availability | <units/date of request > |
| Production capacity | <units/year or month> |

**Physical characteristics**

|  |  |
| --- | --- |
| DIMENSIONS | |
| Dimensions | <Inner habitable area><Length (m)><Width (m)><Eave Height (m)><Ridge height (m)><Distance between trusses (m)> |
| Covered surface | <Inner habitable area><m2> |
| Extendibility | <Y/N ><description e.g. Doubling product or using extension modules> |
| ENVELOPE CHARACTERISTICS | |
| Structure material | <e.g. Aluminium, steel, etc> |
| Walls material | <e.g. PVC, canvas, sandwich, etc> |
| Roof material | <e.g. PVC, steel sheets, sandwich, etc> |
| Floor surface | <Y/N><#if applicable><e.g. PVC, etc> |
| Windows | <number><material><dimensions Height x Width (m)> |
| Doors | <number><material><dimensions Height x Width (m)> <closing mechanisms e.g. magnet, velkro, zipper> |
| ACCLIMATIZATION | |
| Thermal value | <R value m2.K/W per element> |
| Inner liner | <Y/N ><notes> |
| Natural ventilation system | <Y/N ><notes> |
| Adaptable to heating system | <Y/N ><notes> |
| ADDITIONAL ADD-ONS AND THEIR FIXTURE | |
| Shadow net kit | <Y/N<notes> |
| Winterization kit | <Y/N ><notes> |
| Flooring kit | <Y/N ><notes> |
| Partitioning kit | <Y/N ><notes> |
| Possibility for hanging furniture? | <Y/N ><notes> |
| SAFETY AND ROBUSTNESS | |
| Fire resistance (EU norm or equivalent) | <Y/N ><notes> |
| Snow load | <kN/m2> |
| Wind resistance | <km/h> |
| Security | <Y/N><#locks><type of locks> |

**Installation**

|  |  |
| --- | --- |
| Assembly manual | <Y/N ><notes> |
| People required | <number, training> |
| Estimated set-up time | <hours> |
| Installation team provided | <Y/N ><notes> |
| Ground preparation required | <Y/N ><notes> |
| Equipment required | <Y/N><e.g. Ladder, specialized tools> |
| Possible to dismantle | <Y/N ><notes> |

**Transport and pricing**

|  |  |
| --- | --- |
| Price (excl. transport & installation) | <€/m² per component; date of request> |
| Packaging dimensions | <Height x Weight x Depth (m)> |
| Type of transport | <Container/Plane/Truck/Pickup> |
| Loading volume | <m3 or number per 20’/40’ containers > |
| Loading weight | <kg> |
| Special/sensitive parts | <Y/N ><notes> |
| Warranty | <Y/N ><duration> |

**Deployment**

|  |  |
| --- | --- |
| In use by MSF  In use by other humanitarian organizations | <Section><Project><m²><status>  <Country><Project><m²><status> |
| Comments | <Other things to highlight> |

**QUALITATIVE (PRE)VALIDATION**

(TO BE FILLED IN BY MSF HQ AND/OR FIELD)

|  |  |
| --- | --- |
| Name of assessor | <name> |
| Position of assessor | <name> |
| Date | <dd-mm-yy> |

**Trustworthiness and durability**

|  |
| --- |
| **Stability/robustness** <rating><consider material, shape, fragility of components and structural connections, safety> <justify>  **Tendency to aging** <rating><consider materials, friction on structural elements, resistance to elements and cleaning agents>  **Estimated lifespan for medical use** < BASIC shelter (3 mths < x < 6 mths), TRANSITIONAL shelter (x < 18 mths), WAREHOUSE structure (x < 2y), PREFABRICATED structures (x < 5y)>  **Maintenance plan** <Y/N ><notes> |

**Modularity and customization**

|  |
| --- |
| **Modularity** <rating><consider flexibility offered to design different matrixes, being supportive of patient flow, number of components available, ease to extend or reduce, quality of connections><justify>  **Customization** <rating><consider possibility of drilling holes/attach sharp container/hand washing on wall) ><justify>  **Continuity/sustainability** <rating><consider adequacy for transitional shelter><justify> |

**Building Envelope performance**

|  |
| --- |
| **Thermal performance** <rating><Low/Medium/High><notes>  **Natural light** <rating><Y/N ><notes>  **Natural ventilation** <rating><cross ventilation, extractors, tendency for condensation><notes>  **Cleanability of floor and walls** <rating><consider ease of cleaning and materials resistance>  **Tendency to get dirty/slippery** <rating><consider materials, shape and openings> |

**Installation**

|  |
| --- |
| **Required training** <rating><<consider #trained people to setup, required degree of specialized training>  **Ease, duration and safety of setup** <rating><<consider estimated time, #people required to setup, #steps to install>  **Required tools and machinery** <rating><<consider type and # of needed tools ><justify>  **Clarity of manual** <rating><justify> |

**Supply**

|  |
| --- |
| **Mobility** <rating><consider foldability, weight setup time, volume for transport>  **Quality of service** <rating><consider ease/speed of communication/languages, professionalism; reactiveness; capacity to expand>  **Pricing** <rating>< justify> |

|  |  |
| --- | --- |
| Comments | <Improvement required, general impressions or things to highlight> |

**Rating**

|  |  |
| --- | --- |
| 1 | Very poor |
| 2 | Poor |
| 3 | Average |
| 4 | Good |
| 5 | Very Good |
| 6 | N/A |