# Section 5a: Technical Specifications

|  |  |  |  |
| --- | --- | --- | --- |
| **#** | **Item to be supplied Description/Specifications[[1]](#footnote-1)** | **Qty** | **Delivery Date** |
| **1** | **STEEL BUNK BEDS*** Triple bunk bed (three sleeping spaces at different levels), made of steel for use in prison cells
1. First level shall be 0.25 metres from the base of the bed.
2. Second level shall be at 1.2 metres from the base of the bed
3. Third level shall be at 2.0 metres from the base of the bed
4. The feet of the bed shall have a flat plate of 140 mm by 140 mm by 6.0 mm to enable its mounting to the floor with bolts of size 17.
* Made from a main frame of 40 mm by 40 mm by 1.6 mm mild steel square tubes
* 2.0 metres by 1.0 metres to enable accommodating single mattresses of 1.89 metres by 0.91 metres at each level.
* The mattress support shall be 6 mm thick plywood on a support frame of 30 mm by 5 mm thick mild steel flat bars in both longitudinal and horizontally across the bed
* Each sleeping level of the bed should be dismountable.
* The bunk bed should provide for a climbing-stairs to the upper two levels and be mounted towards the longitudinal end of the bunk bed.
* Bunk beds should be designed to provide safe usage
* The steel for bunk beds should be compliant with Malawi Bureau of Standards
* The bunk beds should be painted with Red oxide as first coat, then then grey as a final colour
 | **350** | **Six weeks after signing the order** |
| **2** | **MATTRESSES*** The mattress shall be 1.89 metres by 0.91 metres and 102.4 mm (4 inches).
* The mattress shall be covered by a PVC Re-enforced fabric
 | **1050** | **Six weeks after signing the order** |

1. *Clustering items by lots, if any, is recommended, especially if partial bids will be allowed.* [↑](#footnote-ref-1)