

RFQ/COK/044/2022TECHNICAL SPECIFICATION; SUPPLY OF DESKS IN SCHOOLS IN AFGHANISTAN**1. Background:**

The UNHCR Afghanistan is seeking the services of a qualified company to supply furniture to different schools when required.

**2. Sufficiency of tender**

The supplier shall be deemed to have satisfied himself before tendering as to the correctness and sufficiency of his Tender for the works and of the rates and prices used in his priced Tender Documents. The rates and prices shall cover all his obligations under the Contract and all matters and things necessary for the delivery of the desks and chairs and maintenance of the same during the defect liability period.

All unit rates shall be deemed to include all elements of delivery on site and other overheads e.g., security, profit, cost of materials, wastages, transport etc.

**3. Expected outputs.**

- Supply and delivery of desks to the site; The delivery will be to different sites.

**4. Sample approvals**

- The contractor is advised to seek the UNHCR instructions to approve samples before the desks are supplied. The sample as approved will be retained by UNHCR.

**5. Specification****5.1. Chairs**

- Wooden seat D4 (120cmx38cm), Wooden back rest D5 (120cmx20cm)

GENERAL SPECIFICATIONS OF THE CHAIR					
No.	Item	Length	Width	Height Above Ground Level	Thickness
1	Wooden seat D4	1200mm	380mm	420mm	≥30mm
2	Wooden back rest D5	1200mm	200mm		≥30mm
3	Steel Frames Thickness	≥30x30mm			≥3mm
4	Nosed Box Frame	≥45x30mm			≥3mm

**5.2. Desk**

- Wooden Work Top D1 (**120cmx38cm**), Wooden bottom Books Shelf D2 (**120cmx20cm**)  
Wooden Side bookshelf D3 (**110cmx22cm**)

GENERAL SPECIFICATIONS OF THE CHAIR					
No.	Item	Length	Width	Height Above Ground Level	Thickness
1	Wooden Work Top (D1)	1200mm	500mm	750mm	≥30mm
2	Wooden bottom Books Shelf (D2)	1180mm	270mm	530mm	≥30mm
3	Wooden Side bookshelf (D3)	1100mm	220mm		≥30mm
4	Steel Frames Thickness	≥30x30mm			≥3mm
5	Nosed Box Frame	≥45x30mm			≥3mm

## **6. Workmanship**

All Carpenter's work shall be accurately set out in strict accordance with the Drawings provided and shall be framed together and securely fixed in the best possible manner with properly made joints; all screws, oily fillers, and primer paintings etc., shall be provided as necessary, directed, and approved, and the Contractor's prices shall allow for all the foregoing. All desks and chairs as received on site will be inspected by UNHCR technical unit. and any desk and chairs brought on the Site and not complying with sample as approved, must be removed forthwith from the Site.

### **6.1. Species of Timber**

The species of the timber (wooden boards) to be used should be made from Khar wood, best quality and dry. The timber shall be well seasoned and free of any knots (either dead or live). The timber should as well be free of cracks and warps.

### **6.2. Fiber footing,**

Best quality fiber footing to be installed for the footing and tope frame with special glue.

### **6.3. Joinery**

No screws, or bolts are to be fixed in any split end. If splitting is likely, or is encountered in the course of any work, holes are to be prepared at diameter not exceeding 4 of the diameters of the screws.

Screw planks with stainless steel screws to the steel frame, the screw or bolt head should be flush to the plank surface.

Any joint welded should be smooth and well done.

Circle erasure tope side of timber for screw will be according to the head of screw depth and diameter.

Wooden planks should be joint with using glue and screw according to the detail drawing

### **6.4. Finishes and Painting**

After finishing all welding, carpentry works, and fillings, the supplier is to apply one coat anti rust paint to the steel frames and two layers of primer coat to the wooden boards.

After properly drying of anti-rust and primer coat, the supplier shall apply oil paint in two coats for each steel frames and wooden boards.

### **6.5. Steel frames,**

The welded steel frames are SHS (square hollow sections) of minimum 30mm by 30mm with a thickness of more than 3mm. the steel frames should be rust free and painted as indicated above.

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