


ملحق (أ) – الشروط والمواصفات الفنية Annex (A) Technical Specifications


المواصفات الفنية للمواد المطلوبة: توريد اخشاب بحسب المواصفات ادناه:

IMPORTANT: The bidder is requested to provide a sample for each item (as indicated in the table below) of the offered Lot(s). The bid has to meet at least the specifications of the products as set forth here below:

A. Items Technical Specification

No.	Item Name	Item Description	Picture of the item
1	Wooden Pole 7x7x300 cm	<p>Wooden Pole: 7x7x300 cm Type: Sawn wood</p> <p>Timber Specifications:</p> <p>Dimensions: 7x7 cm or more (section size)</p> <p>Length of pole: 300 cm (\pm 3 cm in length only)</p> <p>Color: white or brown.</p> <p>Quality: hard quality, Heartwood</p> <p>Treatment: the wood must be certificated that was treated all parts of each pole against the termite and insects.</p> <p>Moisture Level: dry as much as possible with moisture level (if any) must be between 9% to 15%.</p> <p>Shake, Cracks:</p> <p>Free of crack as much as possible, with an acceptable percentage of cracks per bundle (196pcs almost), according to the details in Annex (A)</p> <p>The acceptable bundle must be contained 60% free of cracks if more: Rejected.</p> <p>e.g., if the bundle (196pcs) of poles contains 117 pcs or more free of cracks, then the bundle is considered accepted, if less, then the bundle will be rejected.</p> <p>2- Minor cracks: The presence of minor surface cracks (i.e. lattice cracks) is considered acceptable.</p> <p>3- Shake: Allowable limit 3.5 cm (1/2 thickness)</p> <ul style="list-style-type: none"> • Acceptable cracks in the 40% (remaining in a bundle) should be according to the following tolerance range: <ul style="list-style-type: none"> a. End Split: Longest split, 20 cm at each end. b. Dimensions of cracks in a section of each pole 7x7 cm <p>Width: up to 5.0 mm in max</p> <p>depth: up to 25.0 mm in max</p> <p>The cracked pole is considered rejected if the results of points a and b</p> <p>more than the tolerances limits.</p> <p>d. If the number of rejected cracked poles is less than or equal to 25% out of the 40% then the bundle will consider accepted if more: Rejected</p>	

[Type here]

2	Wooden Plate 10x2.2x300 cm	<p>Wooden Plate: 10x2.2x300 cm Type: Sawn wood</p> <p>Dimensions: Plate width: 10 cm (± 3 mm in width) Plate thickness: 2.2 cm (± 1 mm in thickness) Plate length: 300 cm (± 3 cm in length) Color: white or brown. Quality: hard quality Treatment: the wood must be certificated that was treated all parts of each plate against the termite and insects. Moisture Level: dry as much as possible with moisture level (if any) must be between 9% to 15%. Shake, Cracks: Free of crack as much as possible, with the accepted percentage of cracks per bundle (500 -550 pcs almost), according to the details in Annex (A) The acceptable bundle must be contained 96% free of cracks per bundle if more: Rejected 2- Minor cracks: The presence of minor surface cracks (i.e. lattice cracks) is considered acceptable. 3- Only minor cracks are acceptable, any other cracks are considered unacceptable. 4- If the number of the rejected plates is more than 4% in each bundle, then the bundle is considered Rejected.</p>	
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Details of the accepted cracks of the wooden Poles & Plates (Sawn wood)

- Below specifications and tolerances limits will be applied on bundle by the inspection Company during receiving the qty of delivered timbers by the suppliers.

Notes:

- Bundle of poles contains 196 pcs almost (± 10 pcs)
- Bundle of plates contains between 500 to 550 pcs almost.

- **Inspection Mechanism:**

- ❖ **Firstly: Wooden Poles:**

- **Initially: the acceptable bundles**

- 1- The acceptable bundle must be contained 60% free of cracks, if more: **Rejected.**

e.g., if the bundle (196pcs) of poles contains 117 pcs or more free of cracks, then the bundle is considered accepted, if less, then the bundle will be rejected.

- 2- **Minor cracks:** Presence of minor surface cracks (i.e. lattice cracks) is considered acceptable.

- 3- **Shake:** Allowable limit 3.5 cm (1/2 thickness)

- **Acceptable cracks** in the 40% (remaining in bundle) should be according to the following tolerance range:

- a. **End Split:** Longest split, 20 cm at each end.

- b. **Dimensions of cracks in section of each pole 7x7**

Width: up to 5.0 mm in max

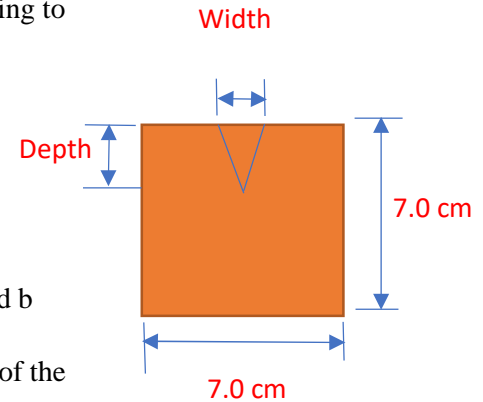
depth: up to 25.0 mm in max

- c. The cracked pole is considered rejected if the results of points a and b more than the tolerances limits.

- d. If the number of rejected cracked poles less than or equal 25% out of the 40% then the bundle will consider accepted, if more: **Rejected**



Bundle of wooden poles

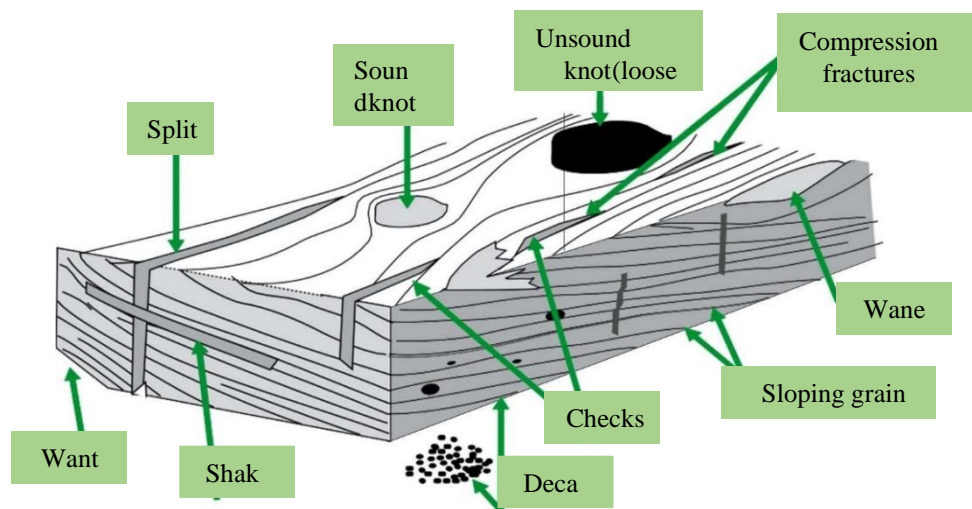


❖ **Secondly: Wooden Plates:**

❖ **Initially: the acceptable bundles**

- 1- The acceptable bundle must be contained 96% free of cracks per bundle, if more:
Rejected
- 2- **Minor cracks:** Presence of minor surface cracks (i.e. lattice cracks) is considered acceptable.
- 3- Only the minor cracks are acceptable; any other cracks are considered unacceptable.
- 4- If the number of the rejected plates is more than 4% in each bundle, then the bundle is considered **Rejected**.

END



B. Packing

Goods must be adequately packed to meet the requirements of the transport mode stipulated and to withstand any rough handling during transit to final destination.

C. Delivery of Works

- 1-** The Supplier shall ensure that each delivery of the Goods is accompanied by a delivery note / waybill that shows the date of the Order and, the type and quantity of the Goods (including the code number of the Goods, where applicable)
- 2-** The Supplier shall deliver the Goods to the locations set out in the tender or such other locations as the parties may agree in respect of Project locations in Amant Al-Asamah (Sana'a) & Dhamar City.
- 3-** The Supplier shall be responsible for unloading the Goods at the Delivery Location
- 4-** The Supplier may deliver the Goods by instalments or as agreed, which shall be invoiced and paid for separately.

على مقدم العطاء احضار عينات موضح فيها اسم المورد لكل صنف من الاصناف المذكورة اعلاه لغرض التقييم الفني. وفي حالة ان المورد لم يقدم عينات سيتم استبعاده من المناقصة.

على مقدم العطاء الالتزام بالجدول الزمني لتوريد المواد الى المخازن المحددة في صنعاء او ذمار علما ان مدة التوريد المحددة 15 يوم من تاريخ توقيع العقد بحسب كمية امر الشراء التي سيتم طلبها رسميا من قبل المؤسسة.

أماكن التوريد والموقع النهائي لتسليم المواد:

- 1-مخازن المؤسسة في امانه العاصمة – الحصبة خلف اللجنة الدائمة
- 2- مخازن المؤسسة في ذمار – شارع الدائري الجنوبي – جوار صالة أبو حديد.

الجودة:

سيتم التقييم الفني على اساس جودة الاصناف المقدمة وعليه فان جميع الاصناف المقدمة يجب ان تكون ذات جودة عالية.

الفحص والاستلام:

للمؤسسة الحق في رفض المواد الغير مطابقة للعينات المقدمة من المورد والمتفق عليها، ويتحمل المورد المسؤولية كاملة لأي تكلفة او تأخير عدم التطابق الذي قد ينجم عن ذلك.

- يجب ان تكون الاصناف المطلوب توريدها سليمة وخالية من أي عيوب كما يتحمل المورد مسؤولية تبديل أي صنف تبين انه معيوب او تالف ويتحمل المورد المسؤولية كاملة لأي تكلفة او تأخير عدم التطابق الذي قد ينجم عن ذلك.
- يجب على المورد الالتزام بتوريد الاصناف اعلاه بالكميات المتفق عليها واي نقص في الكميات اثناء التوريد يتحمل المورد المسؤولية لاستكمالها في أسرع وقت.
- على مقدم العطاء عمل الحماية اللازمة للمواد المطلوبة حتى تصل سليمة الى الأماكن المستهدفة اثناء نقلها.