

**AMENDMENT 1 for**  
**RFQ-YEM-0019-2017Solar Shade Structure (Solar Carport) in UNDP Sanaa**  
**office parking area.**

**This Amendment is issued after the site visit arranged as mentioned on UNDP RFQ documents:**

- **To extend the deadline until 16 May 2017**
- **To answer to the suppliers questions raised on the site visit and the results below as follows:**

**Questions and Answers:**

**1. Does the work contain the installation of zinc sheets?**

Zinc Sheets are not included under any items

**2. Is the steel shade of main entrance will be removed?**

No, will not remove. Just modifications on top of structure to modify the slope to south according drawings and BOQ

**3. How much is the angle degree of the panels?**

Between 12 to 15 degree, with changing in columns lengths about 40-50 cm from the drawings.

**4. There are some steel section not available in the local market?**

Equivalent sections are accepted according to:

- same engineering properties for the section
- same capacity strength of the section

And must be approved by the engineer before preparation and installation

**5. Is it possible to use the welding instead of steel bolts?**

Mainly galvanized steel bolts should be used, and it is possible to use welding to enhance fixation as required by the engineer.

**6. Is it possible to use precast reinforced concrete instead of cast in situ?**

Yes, it is possible with the following instruction:

- all preparation work (form work, installing rebar, laying concrete,..... etc.) must be done under Engineer supervision
- Steel hooks shall be added for the transporting process

**7. What the types of painting of steel columns and beams?**

Anti-robust paints by using mechanical spaying shall be applied for first layer, and the final 2 layers from Lacquer Matt ("Narry painting") with approved color

**8. Measurement method for item 1 and 2 will be horizontally or diagonal?**

Measurement method will apply to outline of steel work for top framing plan in diagonal plane for items #1 and #2.

**9. The Solar Panel doesn't mention in the BOQ in Annex 2 So, we can put it in our form or the Solar Panel will include in another Tender.**

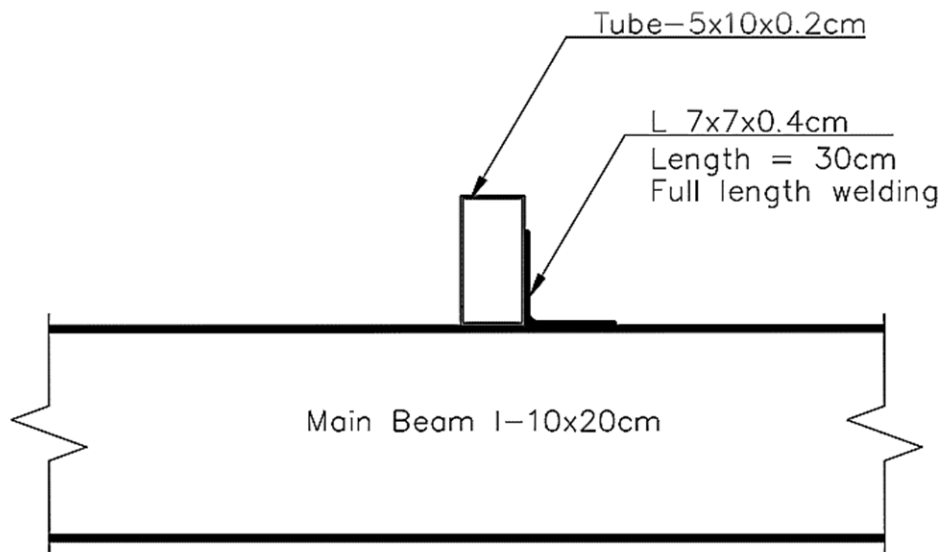
The solar panel doesn't include this tender, just mounting system (steel structures includes drawings and BOQ)

**10. The Annex 2 in the BOQ only mentioned the L 40×40×4mm but in the drawing is different from the BOQ only mentioned L 70×70×4mm.**

The right section for this conflict is L 70×70×4mm instead of L 40×40×4mm

**Important Notes:**

1. The gap between base plate and RC foundation must be filled by cement mortar with ration 1:1 (cement : sand)
2. Steel protection for columns (item No. 3) Shall be fixed with RC foundation and reflective paints / stickers from good quality shall be applied.
3. The conflict between thicknesses that mentioned in drawings and BOQ of steel protection for columns (item No. 3) the right thickness of galvanized pipes is 4mm.
4. The galvanized steel for secondary beams C-70x140mm, and 2mm thickness change to galvanized tube 50x100mm and 2mm thickness



Modified Details