

**Pre-bid Conference & Site visit for Tender no. HCR/IRQER/2019/RFP-049  
Construction of Two Football Pitches in Ashti IDP Camp in Arbat,  
Sulaimaniya.**

**Venue: 19 August 2019 10:30am at Ashti IDP Camp.**

## **Questions & Answers**

- 1. How to obtain certificates of origin and catalogues for the materials planned to be used throughout project implementation various phases.**

**Answer:** Those documents will be required for goods/items imported and others locally generated that come with these materials. In addition, It's written in the SOW (Annex-A) that the Supervision Engineers may request for lab test, Certificate of Origin & Quality to ensure the quality of the material used in the project. Moreover, the contractor should submit samples or certificate of origin of the materials used in the project, prior implementation.

- 2. What is the minimum thickness of the below pipes for football Pitch's fence?**

**Answer:**

- Pipe 3" dia. thickness is 2.5 mm.
- Pipe 2" dia. thickness is 2.0 mm.

- 3. Is it strictly that the artificial grass should be from HATKO Company?**

**Answer:** No, it's not. The equivalent brands are accepted as well.

- 4. The technical specifications of the grass in the BoQ is not detailed enough.**

**Answer:** Please refer to Item# A.7 in the BOQ (Annex-A) and the sheet #6 in the Drawing (Annex-A).

- 5. Please provide us the major technical specification of Artificial Grass.**

**Answer:**

- Type of Grass: **Monofilament**
- Pile height: **55 mm**
- Tuft gauge: **5/8"**
- Stitch rate per 10cm: **20 s/10cm (200 s/m) (± %2)**
- Pile Composition (dtex): **12,000/6 Dtex (± %2)**
- $\mu$ : **500 micron (± %2)**
- Number of tufts/m2: **10,000 Turfs/sqm (density) (± %2)**
- Number of filaments/m2: **120,000 filaments /sqm (± %2)**
- Face weight: **1,750 gr/m2 (± %2)**
- Total weight: **2,500 gr/m2 (± %2)**

6. **Should we use Western manufactured or we can use another country manufactured with high quality like Chinese or Turkey or equivalent manufactures.**

**Answer:**

**In the BoQ it is clearly mentioned that it should be Philips mark or western manufactured or equivalent. Please refer to the below description of this item as stipulated in the BOQ (Annex A).**

*“LED Flood Light: Provision, installation, testing & commissioning a set of four LED flood light 200 watt (Philips mark/ western manufactured OR equivalent), water-proofed, equipped with aluminum reflect, ballast and power factor correction capacitor, completely enclosed type with clear glass cover, fixture IP-65 according to the specifications. The price includes metal standings as well as power connection with all required electrical fittings and accessories to function the flood-lights. All works should be done according to the instructions of supervision engineer”.*

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