Ghilad county hall

Header

Clarifications

Due to the fact that a company participating in the tender awarding procedure requested clarifications regarding the tender documentation, we communicate to all the participants the questions and answers received from the project designers:

1. **Question:**
   Due to the fact that in the technical project and in the tender book there is no clear mentioning of the material required to be used and tendered for accomplishing the surface of the covered field.
   We request that the characteristics of the material and how the linings are going to be placed are to be made available

   Answer:

   The participants are to accomplish the surface of the field taking into account the following characteristics:

   The proposed system is a premium elastic steel structural system type Conica SP (or similar)
   The surface is going to be permeable by water
   Resistant to UV
   It is going to be applied directly on the concrete flooring
   To be applied a CONIPUR type primer (or similar) at an estimated usage of 0.20 kg/m^2.

   The base surface will consist of EPDM granules 1-4 mm, 11.0 kg/m^2 in a homogeneous mixture with a binder type CONIPUR 322 or 326 (or similar) through application by special equipment at an estimated width of 2.1 kg/m^2.

   The usage surface will be realized from pulverizing EDPM granules 0.5-1.5 mm 0.8 kg/mp that forms a homogenate compound with the binder type CONIPUR 217 or 216/322 (or similar). To be applied through pulverization with special equipment in width.

   For the finishing surface before the tracing the EPDM 0.00-0.5 mm powder will be applied with a usage of 0.05 kg/m^2.

The tracing is going to be accomplished for 3 fields using CONIPUR 20-39 g/m (or similar) through pulverization.

The total width of the elastic system will be approximately 13mm.

2. Question

Due to the fact that in the technical project and in the tender book there is no clear mentioning of the material required to be used and tendered for accomplishing the pre-stressed membrane roof cover of the covered field.
We request that the material characteristics or the characteristics file are to be made available.

Answer: The characteristics for the tendered items are as following:

Structure Dimensions
External Width……..26.70 m
External Length……47.00 m
Approximate Height……..12.50 m
Sliding lateral wall Height ……2.50 m

Tender Component

1.1 Metallic elements

The structural frame of the construction will be made of lattice frame(arched lattice) consisting of steel bars OL37.
The frame is going to consist of multiple pieces in order to facilitate transportation on site and will be assembled by mechanical means (screws) and welding where necessary. At the base of the arches, the fixing mechanism to the concrete surface(foundation) is done with an articulation.
For wind bracing, full steel bars OL37 are to be used and placed in X form, and will be provided with tensioners. The wind bracing will be attached to the structure through metallic parts fixed with screws group 8.8. The protection for these metallic parts is going to be done with the use of a primer.

2.2 PVC Tarpaulin

The canvas covering the arena will release its load directly on the arches and can be accomplished using a PVC canvas 900g/m^2 having the thread 12x12. The canvas as well as the two frontons are to be made of one piece and the assembly of the pieces are to be done in a specialized factory using a high frequency welding machine(this method being net superior to hot air welding, giving a better tensile strength for high frequency welding)

The canvas gets pre-stressed with the use of a system formed of pipes and tie bands with a cricket, a system that facilitates the pre-tensioning as well as the re-tensioning of the canvas. (the re-tensioning period is going to be specified in the CONSTRUCTION BOOK – document that will be produced with the execution of the structure by the tendering company, and a copy of this book will be given to the site supervisor at the finalization of the works).
On the sides the canvas is rolling (it openes form the bottom towards the top through rolling on each section individually) allowing it to be oppened in summer. Oppening of the canvas can be done from bottom to top through rolling and fixing with belts.
One one of the frotones there will be an access for pedestrians consisting of a zipper.
The covering canvas is white while the frotones and the longitudinal walls are grey.
In the lateral walls a 1300x2000 mm piece of transparent canvas will be inserted. These are to be inserted one each traverse.

CANVAS CHARATERISTICS 99G/M^2
STANDARD DESCRIPTION, THREAD TYPE
End/picks wires 53853 n° /cm 12/12
Varnishing on both sides 61101 l1/1
Total weight EN ISO 2268-2 g/m^3 900
Tensile strength DIN EN ISO 1421/V1 N/5 cm 4300/4000
Tear resistance DIN 53363 N500/500
Temperature resistance DIN EN 1876-1 °C -30/ +70

TREATMENTS:
- Finishing varnish coat applied to stop corrosion over time

3. **Question:**
Due to the fact that in the award documentation it is mentioned that there are endowments to be tendered, we request that the endowments characteristics file are to be made available.

Answer:
The endowments are not to be included in the technical-financial proposal of the participants. These items are listed under a different chapter and will make the object for a different acquisition procedure.

4. **Question:**
Due to the fact that in the technical project and in the tender book there is no clear mentioning of the type of the plants required to warm up the covered arena.

We request that the characteristics of the plants or the plants characteristics file are to be made available.

Answer:
The plants required for warming up the covered field will not be included in the technical- financial proposal. These are listed under a different chapter and will make the object for a different acquisition procedure.