



1886 SCA 2019

**INTERNATIONAL CALL FOR IDEAS - EXPO 2023  
COMPETITION 1 "ARGENTINE PAVILION"**

Consultation Round as of 11 June 2019

**QUESTION 1**

Immersive projection room: 400 viewers standing or seated?

**ANSWER 1**

*It will have a capacity for 400 seated viewers, with recliner seats.*

**QUESTION 2**

Immersive projection room: what is the diameter for the dome?

**ANSWER 2**

*The dome diameter is at the discretion of the designers, it will be calculated based on 400 seated viewers.*

**QUESTION 3**

There are full-dome systems with a half-sphere, full-sphere and tilted half-sphere with a rising floor in the manner of stands; for standing audience and general events, with seats, and with recliner seats. Please specify.

**ANSWER 3**

*The inside shape will be that of a half-sphere, with rising floor in the manner of stands or tiers, with recliner seats. The outside shape is left at the participant's discretion.*

**QUESTION 4**

1. Is it required for the participating architect to be registered in his/her country with the respective Architects' Association (though this may not be required in his/her country), or is it enough for him/her to be registered and licensed to practice the profession in his/her country of origin?

2. Is the chart design free or will there be a guideline as can be inferred in the Masterplan-4 document attachment. Is the chart orientation free or is there a specific required orientation?

3. Can we have access to the 3D model of Tecnópolis Campus?

4. Are there determining factors, such as the Maximum area to build, Maximum area to be occupied on the site, Maximum height of the building?

5. Is there any special requirement regarding the immersive projection room, understanding that it can have multiple spatial characteristics?

6. Are the general amounts and prize amounts stated in USD or in another currency?



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#### **ANSWER 4**

1. *The architect must be registered and licensed to practice the profession in his/her country.*
2. *Guidelines as per the Delivery and Submission Terms. See item 4 of the Specific Terms and Conditions.*
3. *No. The definition of the existing 3D model is only for illustration.*
4. *The surface areas of the Programme may have a 10% variation up or down. The maximum area of land to be used is the totality less the mandatory clearances from the perimeters.  
The maximum height is not defined.*
5. *See answers to questions 1, 2 and 3.*
6. *The amounts are stated in Argentine Pesos.*

#### **QUESTION 5**

A 15-day extension is requested due to the complexity of the topic to be addressed.

#### **ANSWER 5**

*The new deadline set for the delivery of proposals for Competition 1 is **18 July 2019**.*

#### **QUESTION 6**

Please indicate the height requirements of the Auditorium, the Showrooms and the immersive projection room with its pre-show area. For the latter, we would appreciate an example for reference purposes.

#### **ANSWER 6**

*Height requirements are as follows:*

*Auditorium, at the discretion of the designers. Showrooms, minimum 5.40 m*

*Classroom/Workshop, minimum 3.60 m*

*The dome dimensions are at the discretion of the designers considering a capacity for 400 seated viewers.*

*Immersive projection room: See some examples in the References.*

#### **QUESTION 7**

Please send us more info about registration with the "COMPRAR" system. Can the registration be made after opening the envelopes, and if the proposal wins?

#### **ANSWER 7**

*To register with the Comprar system, visit <https://comprar.gob.ar/Inscripcion.aspx>, where you will find more information, as well as the procedure and documentation for each type of invoicing company or individual. The recommendation is to register if the project wins, not previously.*

#### **QUESTION 8**

I would like to know if a group of Architecture students in the last year of the study program can participate. None of us has a degree or a license yet, but we are in the last semester of the study program.



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### **ANSWER 8**

Architecture students cannot participate as **authors**. They may participate as collaborators. The person that signs the proposal must be licensed in accordance with the FADEA Competition Rules and Item 2.4.2 of the Terms and Conditions.

### **QUESTION 9**

We would like to ask some questions regarding the competition. Basically, our questions have to do with the fact that the Terms and Conditions mention that the circulation areas, stairs and elevators are already included in the surface areas for the various uses. Therefore, there are ambiguous situations where it is not clear from which use the calculation of circulation square meters must be subtracted. Some of the questions are:

1. If we have a volume generating a flyover, and therefore a semi-covered space, how is that space calculated? Is the common space subtracted from the area of which one of the uses?
2. If we have a large portal covering different uses, generating different semi-covered spaces, how are these spaces computed?
3. If we have a walkway for several uses, is this circulation subtracted from the square meter area for which one of the uses?

### **ANSWER 9**

The surface areas indicated in each Programme include the circulation areas, stairs and elevators and are indicated in the Programme. They may have a 10% variation up or down.

The semi-covered areas are itemised as such in the Computation Spreadsheet. Remember the concept of Idea for said areas.

### **QUESTION 10**

Is it possible to locate the underground level below the marking +15.50?

### **ANSWER 10**

It is possible; it is at the discretion of the designer.

### **QUESTION 11**

CHAPTER 3: SPECIFIC TERMS AND CONDITIONS

3.1. COMPETITION 1 - ARGENTINE PAVILION

3. PROGRAMME OF NEEDS:

PUBLIC ZONE:

\* What do you mean by "Group reception" area and "Shop"?

\* What do you mean by "pre-show area", in the immersive projection room?

\* TOTAL SURFACE:

\* Regarding the 7760 m<sup>2</sup>, can the total area be proposed as covered surface? Or does that total surface contemplate proposing semi-covered or open surface areas? How do we count these, when we calculate the sum of the surface areas? Is there a specific requirement for this?

UNDERGROUND LEVEL

\* Is this level required? Or can it be eliminated and can the "underground level"

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functions be created on a potential ground floor?

## **ANSWER 11**

### GROUP RECEPTION

*There are individual and group visits.*

*The Group Reception area is where the groups will gather before they enter the premises, for scheduled visits.*

### SHOP:

*Gift shop for selling products and publications.*

### PRE SHOW:

*The immersive projection room will have a pre-show area to organise and optimise the flow of spectators. After queuing for an attraction, the public, in the same quantity as the show capacity, will access a pre-show area where they will see an introductory presentation of the topic they will see in the show. At the same time, spectators will be organised in the different access doors for the main show, so that they can enter the show as an organised flow while at the other end of the room the spectators who have already seen the show are going out. This makes the wait more interesting for spectators and the incoming and outgoing timing is improved, in order to provide more presentations or shows during the day.*

### SURFACE AREAS:

*7,760 m<sup>2</sup> is the total covered surface, plus the semi-covered area. The semi-covered square meters are calculated at 50% of the covered area.*

*Free or open surface areas are uncovered/outdoor areas of the site.*

*Total or partial surface areas can have a variation of 10% up or down.*

### UNDERGROUND:

*Surface under the building footprint. It is mandatory to comply with the designated purpose and the surface area specified in the Programme. The underground height level is at the discretion of the Participant.*

## **QUESTION 12**

I have some questions regarding Expo 2023; in the Competition Rules, **Article 13 Section IV.- PARTICIPANTS**

Quote: "Participating in a competition implies knowledge and acceptance of..."

I understand that only architects can participate in the competition, who must be members of or registered with an Entity, therefore, my questions would be as follows:

1. Only architects are eligible to participate, or can students of Architecture also participate?
2. Being a member of an Entity or being registered with an Entity is required. For a foreigner (in this case, from Panama), how must one proceed on this point?

## **ANSWER 12**

*Participants must be licensed Architects, authorized to practice the profession in their country. Students can only be Collaborators.*

## **QUESTION 13**

Enquiry 1:

Regarding the term for the submission of the projects and particularly the deadline:

- a- Considering the short term allowed for the preparation of the proposals, we request a

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- 15-day extension of the term.  
b- We understand that in Argentina, Monday 8 July 2019 will be a holiday.

**ENQUIRY 2:**

Surface area of Public Restrooms:

- a- Please ratify or rectify the 400 m<sup>2</sup> specified for public restrooms (explain the criterion behind this need).

**ENQUIRY 3:**

Consultation Round:

- a- We request that a second consultation round be allowed, if possible, for after the second tentative date of the Site visit (15/06).

**ANSWER 13**

**ENQUIRY 1**

*a and b- See answer to QUESTION 5.*

**ENQUIRY 2**

*a-It is ratified. The surface areas given may have a +/- 10 % variation.*

**ENQUIRY 3**

*A second consultation round is added on 21 June 2019. Please note that the second Site visit is on 13/06, not 15/06.*

**QUESTION 14**

- 1- Is there a limit to the total building height?
- 2- What is the minimum height of showrooms?
- 3- Must the showrooms have a blind type of closing given the characteristics of the items to be displayed?
- 4- Should the four showrooms be able to merge into a single one?
- 5- Can the showrooms be on different levels?
- 6- What is the pre-show area?
- 7- What activities will take place in the pre-show area ?
- 8- Is the pre-show an enclosed space?
- 9- What kind of furniture must the pre-show area have? Does it have to have chairs?
- 10- What is the VIP area?
- 11- Can Cuenca Street be a large pedestrian surface with potential vehicle circulation? Or does it have sidewalks on both sides?
- 12- Is the dome an indoor spherical space?
- 13- What type of furniture must the dome have—seats, fixed seats or nothing?

**ANSWER 14**

- 1- *There is no total height limit for the building.*
- 2- *See ANSWER 6.*
- 3- *The showrooms must have the closing means determined by the Participant. Darkening /dimming ability is required.*
- 4- *At the Participant's discretion.*
- 5- *At the Participant's discretion.*
- 6- 7- 8 and 9 *See Answers to QUESTION 11 regarding the Pre-Show area.*
- 10- *The VIP area is a sector reserved for authorities, special visitors, etc.*
- 11- *Cuenca Street is mainly a low-speed cargo and service street, potentially with pedestrian circulation. At present, it does not have sidewalks.*
- 12-and 13- *See Answers to Questions 1 and 3.*

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### QUESTION 15

- 1- What is the width of the sidewalk and street to be considered for the block in question?
- 2- Can the dome-shaped immersive projection room have a flat floor surface?
- 3- Does it have to have a slope for placing fixed seats?
- 4- What specific percentage of the total square meters is allocated to circulation areas, stairs and elevators?
- 5- The surface allocated to public restrooms (400m<sup>2</sup>) is unchangeable? It is a bit excessive.

### ANSWER 15

- 1- *Cuenca Street does not have sidewalks for pedestrians. It is a vehicle-pedestrian street.  
No sidewalks should be planned in the mandatory clearance areas. For current widths of streets, see Plans in the General Annexes.*
- 2- *See answers to Questions 1 and 3.*
- 3- *See answers to Questions 1 and 3.*
- 4- *The dimensions will be at the discretion of the Participant, in accordance with its purpose and current regulations.*
- 5- *See answer to QUESTION 13-2.*

### QUESTION 16

- 1) REGISTRATION CONDITIONS: Given that the six Competitions for Expo 2023 have been launched almost simultaneously,
  - a) Is it possible to use the same Gmail account to enrol in several competitions for the Expo, or if the Participant wishes to participate in, for instance, the six competitions, should the Participant have six different Gmail accounts?
  - b) Can a single team receive several awards/prizes for the different Expo 2023 competitions?
- 2) MEASUREMENT DISCREPANCIES: In the Terms and Conditions Chapter 3.1, Item 2 Location, the following is said about the site that is part of the Competition: "It has an irregular shape; approx. 66.98 meters wide and 162.94 meters long on its longer parallel side..." This matches the CAD plan "ARGENTINE PAVILION" but the drawing on the Master Plan 4, page 13 /58, the dimensions are 155m long and 56m maximum width .Which one is correct?
- 3) CONDITIONS OF DELIVERY: This Competition has been launched as a Call for IDEAS, therefore, it calls our attention that the scales requested are more of the Preliminary Design or Project level (scales 1:100 and 1:200), while in the other competitions launched so far, the scales are 1:1000, 1:300. The same applies to the request for rise markings and surface areas in all locations and the request of 6 or 7 A0 (1189x840) panels. Are you considering any change in the Conditions of Delivery?
- 4) No estimated budget is mentioned for the pavilion, which would condition the type of technologies to be proposed and the aesthetic implications, etc. What is the estimated budget for the Argentine Pavilion?
- 5) We request the provision of higher definition aerial images to be used in the delivery of the proposals.

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6) We would like to know if the existing metallic installations (some sort of gazebo) are within the site of intervention or if they are adjacent to the site and outside it.

#### **ANSWER 16**

- 1)
  - a) *It is possible, and for any Competition, the required enrolment or registration must be completed.*
  - b) *A single team can participate and receive prizes/awards in various competitions.*
  - c) *MEASUREMENT DISCREPANCIES: Consider the land/site sizes and the clearance spaces indicated in the CAD plan "ARGENTINE PAVILION".dwg.*
- 2) *CONDITIONS OF DELIVERY: The conditions of delivery are indicated in the Terms and Conditions and enable a correct reading and evaluation of the proposal by the Jury.*
- 3) *The Promoter has not set an estimated budget.*
- 4) *It is not possible to provide aerial images with higher definition.*
- 5) *Consider it an empty site.*

#### **QUESTION 17**

- 1- Considering the difference in level on the grounds, which reaches 4.5 meters, and the proximity to the lake, how deep can the underground parking go?
- 2- Regarding Chapter 4-Conditions for Delivery, can the panel orientation be horizontal or vertical, at the choice of Participants?
- 3- The streets outlined in the road scheme attached to the Expo 2023 Master Plan do not appear in the Vehicle and Parking Street plan for the Master Plan 3 annex, page 139. How can this be interpreted?
- 4- Will the streets have a ditch-shaped curb as they do as present, or can we propose a street at the sidewalk level with some type of limit, such as bollards?
- 5- Is there any recommendation for the seating setup in the dome? Is it a central stage or lateral stage?
- 6- Given the complexity of the Competition, an extension is requested. Is it possible?

#### **ANSWER 17**

- 1- *Maximum depth marking for underground parking: 12.00 meters.*
- 2- *The panel orientation will be horizontal, as indicated in the Terms and Conditions.*
- 3- *The Road Scheme that in the Specific Annex will be taken as valid.*
- 4- *At present, the streets have a ditch-shaped curb. The proposal will be at the discretion of participants in Competition 6.*
- 5- *There is no recommendation for the seating arrangement at the dome.*
- 6- *See answer to QUESTION 5.*

#### **QUESTION 18**

##### **SURFACES:**

- 1) How should the surfaces allocated to a given activity be considered? Example: a workshop has an area of 150 square meters, and due to the volume metrics of the building, a rooftop is created, generating an expansion of the workshop to work



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outdoors. Is the rooftop included in the 150 square meters, or given that it is not roofed it is not considered in that area?

- 2) If the same space can be used for two different activities, should the surface areas requested by the Competition for each activity added? Or is a percentage considered, for instance, for each of them? Example: a showroom (open floor) can be compartmentalised with mobile panels to create the workshops. That is, a rectangle can serve as exhibition area and as workshop, depending on the moment it is used.

**PRESENTATION:**

- 1) In the Terms and Conditions, Presentation section, what does the following mean? "The floor plans should be presented in a single layout"
- 2) Are the requested graphic pieces the maximum or the minimum to be submitted? That is, can more pieces be added, or should Participants do only as requested?

**ANSWER 18**

**SURFACES:**

- 1) *It is not a roofed area, so it is not covered or semi-covered; it is open or outdoor ("free").*
- 2) *The surface areas specified in the Programme should be observed. Depending on the proposal, the given surface areas must be added.*

**PRESENTATION:**

- 1) *Given that there is no physical modification in the Legacy Stage, it is not necessary to redraw the Proposal.*
- 2) *Only one optional chart or graphic piece can be added.*

**QUESTION 19**

1. Registration: Where shall we do it?
2. Site visit: Is it mandatory? We are based in Cordoba City. For professionals in the provinces, and in the event it is not mandatory, are you planning to upload videos?
3. Contact phone number and/or email for questions.

**ANSWER 19**

1. *See item 2.4.6. Registration, of the General Terms and Conditions.*
2. *The site visit is not mandatory, but it is recommendable to do it for better knowledge and response to the problem raised. No videos will be uploaded.*
3. *The Advisory contact is through enquiries/consultation.*

**QUESTION 20**

A- PROGRAMME OF NEEDS, IMMERSIVE PROJECTION ROOM  
Is the dome shape for the full-dome room an exclusive requirement?

B- 1.11 Legacy: Auditoriums and Amphitheatres. Are these part of Competition 1?

C- Given that all pavilions make reference to the "Creativity and Knowledge" theme, what is the singular theme contemplated for this interactive space for creativity and

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knowledge in Pavilion 1? Can the Advisors provide further details? Thank you.

#### D- 2.5.3- ENQUIRIES FOR ADVISORS

Wouldn't it be considered advisable by the organising entities to grant an extension in this first stage to enable familiarisation and proper recognition of the site in the preliminary instance in order to favour and encourage wider participation in this and subsequent Competitions, given the significance of the call?

E- Can this first competition be outlined with preliminary information for Competition 6 for integration and completeness purposes?

#### **ANSWER 20**

A- *The dome shape for the full dome room is an exclusive requirement.*

B- *1.11 Legacy:*

*The Legacy in question in this Competition is that for the "Argentine Pavilion".*

C- *The objective is to highlight the potential of applied creativity and show the value of ideas in a market of competing types of intelligence. The cultural industries and businesses are part of scientific knowledge, technological capacity, applied scientific innovation, academic and educational activity, and entertainment and creative leisure.*

D- *See answer to Question 5.*

E- *The Promoter decided to organise different competitions for Expo 2023 and the order of the calls.*

#### **QUESTION 21**

1. We are a group of architects graduated from UBA, registered with CAPBA and CPAU. Is this enough to participate? We are not members of SCA. It is not clear to us if not being members of SCA is a criterion of ineligibility.

#### **ANSWER 21**

*To be an author, the Participant must be a licensed Architect and belong to an Entity or Association that is a member of FADEA, in this case, CAPBA is a member of FADEA.*

#### **QUESTION 22**

We would like to ask some questions about the following topics:

\* Immersive projection room 360°:

1- We have not been able to identify in our research the spatial definition for the pre-show area. What are its characteristics? What functions take place in the pre-show area? Does it have a surface percentage assigned of the total provided in the Programme of Needs?

2- Regarding the 360° immersion projection room, there are variations depending on the complexity of projections, therefore, is there any limitation regarding its technical features? Do we have discretion to solve the method of projection? That is, static or on the move/walking along a walkway? Example: full-dome in South Korea.

3- Regarding the underground level, according to the surface area allocation in the Programme of Needs, it is mentioned that the same area as the building footprint should be allocated to parking and general storage. Can part of the underground level be used to house other spaces requested in the Programme of Needs? In this way, the different ground levels could be utilized in a better way.



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4- VIP Area: We would need more specifications regarding this area, as we do not clearly understand who would be the "VIP user" for whom we would be designing this space.

**ANSWER 22**

- 1- See the Specific Terms and Conditions, item 3.3.
- 2- See Answers 1 and 2. No limitations; resolution shall be left at the designer's discretion.
- 3- The Programme considers that the surface area should be the same as the footprint of the building, and that the purpose is parking and storage space. This surface, taking into account the differences in ground level, can be organised at the designer's criterion.
- 4- The VIP Area will be for people who must have independence for security reasons.

**QUESTION 23**

According to the PROGRAMME OF NEEDS regarding the "Immersive projection room":

A- For how many people is it intended?

B- Of 1500 m2 requested, how many square meters are allocated to the pre-show area and how many to the projection room?

C- As regards the way to view the projection / show, are the viewers seated, standing or touring around?

According to the PROGRAMME OF NEEDS regarding the "Underground Level":

D- What is the required relation of the underground level/structural footprint or excavation? Is it required to use 100% of the footprint only for parking space?

- What is the minimum quantity of cars to be considered?

- Can other activities be housed in the underground level or will it be exclusively intended for parking, storage and loading/unloading of heavy elements?

According to the PROGRAMME OF NEEDS regarding the "Showroom":

E- What is the minimum height to be considered for the Showrooms?

As regards Safety and Emergency systems:

F- Is it required to have pressurized stairs?

G- Is it necessary to use elevators? In addition to the lifting platform for heavy elements.

**ANSWER 23**

- a- See the Terms and Conditions Chapter 3 item 3, Immersive projection room.
- b- See the Terms and Conditions Chapter 3 item 3.
- c- See the Terms and Conditions Chapter 3 item 3, and Answer 1.
- d- See Answer 22.
- e- At the discretion of the designer.



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f- No.

g- At the discretion of the designer.

#### **QUESTION 24**

- 1- We don't see this anywhere ::>>> Additionally, existing buildings to be demolished, kept or modified are also indicated.
- 2- Thematic Pavilion 1 and Thematic Pavilion 2... in a design attached to the Terms and Conditions, they are identified as 5A and 5B. Which is which?
- 3- Corporate Pavilions... which ones do you mean???
- 4- Is the Master Plan to be observed and complied with as mandatory... or can there be different guidelines within the same concept?
- 5- The idea is 3 months and then it goes to the LEGACY stage? Or will it be like the current Tecnopolis, used again for Trade Shows, in the international pavilions?

#### **ANSWER 24**

- 1- *If the question is about the ground for COMPETITION 1, the answer is that at that location there are no buildings to be preserved.*
- 2- *The Thematic Pavilions mentioned in the questions will be part of a different Competition and the ground is considered empty.*
- 3- *If the question is about the Corporate Pavilions to be included in the Public Space, they will be part of a separate Competition.*
- 4- *The Master Plan must be observed.*
- 5- *After the three-month Expo ends, the Legacy stage starts.*

#### **QUESTION 25**

Please inform us the maximum and minimum marking of the water level of the basin referred to the ground level markings of the Tecnopolis site.

#### **ANSWER 25**

*Maximum marking 11.50 m / Existing marking 8.00 m approx. / Medrano stream flooding marking 10.47 m.*

*Buenos Aires, June 11, 2019*

*Advisory Board*