

2020 BARANGAROO PIER PAVILION COMPETITION QUESTIONS & ANSWERS

Issued 09.07.2020

Week 1 (Issued 02.07.2020)

Q1 Can you please confirm whether multiple entries are acceptable from a single registered architect or organisation for the Pier Pavilion Design Competition?

A1 **There is no limit on the number of entries for any entrant as long as the Eligibility requirements are met.**

Q2 I have read the conditions of the Barangaroo competition and I cannot find if entrants can participate in more than one submission.

Would you please confirm if entrants can participate in different submissions?

A2 **Same as A1. There is no limit on the number of entries for any entrant as long as the Eligibility requirements are met.**

Q3 We would like to express our interest to participate in the subject design competition. Can you please let us know how & through which platform we can register & receive a reference number? Thank you & looking forward to hearing from you.

A3 **You can download the Competition Brief, Conditions and other supporting material at <https://www.barangaroo.com/the-project/progress/pier-pavilion-design-competition/> All information related to entering is contained in those documents. Please read carefully and follow all requirements outlined in the Brief and Conditions.**

Q4 I'm wondering what the possibility is to obtain a 3d model of the site, including the surrounding buildings? Or alternatively, additional information found in attachment D for more of the area? There seems to be a lot of great things happening, and it would be incredible to get a good understanding of the context for the pavilion so we can put as much time into designing a landmark that responds accordingly.

A4 **There is no 3D model available at this time. However we have provided a PDF of drawings of the towers and Building R9 in Barangaroo South 1A as Addendum 1 on the Competition website for Entrants to download.**

Q5 I would like to clarify the following eligibility query: I am a temporary part-time employee of the Government Architect NSW/Dept of Planning Industry & Environment. I am also the director of an Architecture practice. The practice would like to enter the competition. Could you please confirm the practice is eligible to do so.

A5 **As a temporary part-time employee of the Government Architect NSW / Department of Planning Industry & Environment you would be eligible for this competition through your independent architecture practice.**

Q6 In working through our design proposals, please refer questions below. Both options would work within the 8m height restriction:

- Is there an option for a structure to sit within Tier 1 and overhang Tier 2 at high level or sit within Tier 2 and overhang Tier 1?

- Is there an option for a structure to sit within tier 1 and overhang Waterman's Cover at high level.

A6 **The Pavilion must sit within Tier 1 and may overhang Tier 2. No other options will be considered.**

Q7 Are entrants able to submit more than one entry?

A7 **Same as A1. There is no limit on the number of entries for any entrant as long as the Eligibility requirements are met.**

Q8 I am a registered landscape architect and some of my work includes documenting structures like the pavilion requested in the competition. I would specifically like to know if I can submit a design?

- A8 This competition is only for registered Australian architects or teams led by registered Australian architects. You are therefore welcome to join a team led by a registered Australian architect. Please refer to the Eligibility clause in the Competition Conditions which states: 'Where an entry is made by a team of professionals which may include a range of design specialists, one eligible professional must be nominated as the Entrant on the Competition Declaration Form'.
- Q9 Refer 5.1 - The Pavilion should be designed to fit within the area marked 'Competition Site' but may consider its relationship to the area marked 'Mid - Level zone'.
Is it prohibited to have any physical element of the Pavilion extending outside the defined 'Competition Site'?
- A9 Same as A6. The Pavilion must sit within Tier 1 and may overhang Tier 2. No other options will be considered.
- Q10 Refer 5.2.1.A - *Maximum height of 8m for no more than 30% of the total canopy area.*
Could you please clarify the maximum height restrictions. Is there an absolute maximum height?
- A10 The absolute maximum height is 8m.
- Q11 Refer 5.2.2. The temporary events and activation mode has been described in some detail. Can you confirm that these temporary and containerised elements are to be located wholly outside the 'Competition Site' and the design of these elements is beyond the scope of the competition.
- A11 These items are described in the Stage 1 Brief so that Entrants are aware that these will need to be designed in detail in Stage 2. They will be located adjacent to the site as determined by each Entrant's design, and should be allowed for in Stage 1.
- Q12 Refer 5.4 Accommodation Schedule - Can you confirm that the only required secured services zone for the Pavilion is primarily for storage and 3sqm.
- A12 Storage is one element of the services zone however other spatial allowances and elements are required within the Flexible/services zone as outlined in Sections 4 and 5 of the Competition Brief. It is the responsibility of each Entrant to evaluate all requirements in the preparation of their Entry.
- Q13 Regarding the Accommodation Schedule from Page 24 of the Competition Brief - there are two Area figures in the right column under Component: "Canopy". Clarification of the two figures mentioned: 250sqm and 400 sqm. Is this a range, or specific areas for different sections.
- A13 The figures on page 24 should be read as a range '250m² minimum - 400m² maximum'.
- Q14 We are looking to participate on this competition and had downloaded the cad files. One of the team member trying to link it to the Sketchup program but we are unable to do so as everything seems to be at a distance or the scale might have been too small. Has other people had same issue as well? And if they do, would there be a revised cad drawings to be issue later on?
- A14 This is the only CAD file we have. Entrants will have to edit the file for their own purposes.
- Q15 Please provide further clarification on height control.
The wording of the currently available brief is the following:
A. A canopy structure over the majority of the Platform area responding to the following formal height controls:
- Maximum height of 8m for no more than 30% of the total canopy area
 - Perimeter of the canopy form should maintain an underside height of 4.5m clear
 - These formal limits look to respect and minimise the interruption of sightlines from surrounding buildings
 - The design needs to mediate between the above parameters
- Based on the above wording the height control is not clearly indicated, it can have several readings, but none of them seem to be reasonable:
- 70% or more of the canopy area must be higher, than 8m (with no height control), or

• maximum 30% of the canopy area can reach 8m, minimum 70% must be lower (with no height defined, even the entire footprint can be 7.95m, still maintaining the 4.50m minimum underside height at the perimeter)

A15 The absolute maximum height is 8m. This can be maintained for no more than 30% of the canopy, the rest must be lower. All formal height controls as outlined in the Competition Brief must be addressed. It is the responsibility of each Entrant to evaluate all requirements in the preparation of their Entry.

Q16 Is it possible to appear in the list of team members in two entries? Is it possible to appear as principal author in two entries?

A16 Same as A1. There is no limit on the number of entries for any entrant as long as the Eligibility requirements are met.

Week 2 (Issued 09.07.2020)

Q17 We have a series of related questions:

a. Can you please explain the significance of maintaining a perimeter underside height of 4.5 m clear?

A17 a. As stated in the next line on page 24 of the Brief, it is to 'Respect and minimise the interruption of sightlines from surrounding buildings.' The height also allows flexibility for various artworks/installations and logistics equipment for events and maintenance.

b. Relating to the perimeter underside height of 4.5 m clear requirement, does it include the underside (or head height) of the overall covered area of the Pavilion as well?

b. Yes

c. We understand that the overall covered area of the Pavilion should be adequately sheltered from strong wind and wind-driven rain so that an event could still take place amid bad weather conditions. Are you also expecting the Pavilion to be fully sealable during cold, windy conditions like a typical building?

c. No, the Pavilion is not to be fully sealable.

d. We understand that facilities like bar (containerised component), kitchen and service (containerised component), freezer and fridge (containerised component), and washroom (containerised component) are to be brought on-site during an event. Should we also show (instead of merely considering) our preferred Potential Event Component Locations to locate the said facilities in Stage 01?

d. It is not a requirement for Stage 1 to locate these facilities, merely to understand and consider their requirements.

e. Are you also expecting a bar, a kitchen and service, a freezer and fridge, and / or a washroom as a permanent facility of the Pavilion?

e. No

f. Are you expecting the Pavilion to have a permanent location (or room) to accommodate temporary waste and FFE items, or are you expecting the said items to be located at the Potential Event Component Locations?

f. No, temporary event components do not require a permanent location.

g. Are you expecting an audio-video screen as a permanent item of the Pavilion?

g. It is up to each entrant to decide if they have a screen as a permanent fixture but if not, they will need to allow for the 'ability to connect a screen', as described on page 20 of the Brief.

h. Can you please advise the differences between the audio-video screen (page 20 of the Competition Brief) and the B. Temporary Screen / Stage (page 22 of the Competition Brief)?

h. Entrants may decide if they have a permanent screen as a part of their design or allow for the 'ability to connect a screen'.

i. Can you please explain the significance of having a visual separation from the ferry terminal?

i. Visual separation is not a priority. It is envisaged that the southern edge may require wind amelioration and that this may lead to some visual separation.

j. Can you please provide the top of roof RL for each building in Barangaroo South to assist us in modelling the massing of the surrounding buildings?

j. Please refer to the PDF of drawings Building R8 issued as part of the Brief and of the towers and Building R9 in Barangaroo South 1A issued as Addendum 1 on the Competition website for Entrants to download. This is all the information available at this time.

k. Are you expecting part of, if not all of (only if need be), the granite pavers on the Platform to be removed to suit the winning design proposal?

k. No. As stated on page 17 'The Platform finish will be delivered as part of the Watermans Cove and pier construction project'. Entrants must maintain this finish.

l. When we were trying to import the provided CAD file (DWG) into our drafting software, the computer warned us that some items could not be imported. Does the CAD file contain any 3D components, or does it only contain 2D lines?

l. The CAD file contains only 2D lines.

m. Can you please provide sewerage and natural gas diagrams?

m. We do not have these drawings at this time.

Q18 The competition conditions say that PI insurance of \$10M is required (at Stage 2A submission). I contacted our insurer as we don't currently have that and they wanted to know whether that was \$10m overall or in any one claim?

A18 \$10M overall

Q19 The Accommodation Schedule notes :
Canopy : 250m²-400m² to define the public event space
Event space : 350m² on the platform.
Are these two different spaces?

A19 The canopy is not a space, it is to be a covering over the Event Space, and it may overhang the mid-level zone as described in A6. 'The Pavilion must sit within Tier 1 and may overhang Tier 2. No other options will be considered.'

Q20 Does the pavilion's ceiling need to be solid for shelter or can it be patterned without glass with voids?

A20 The Pavilion ceiling should be solid for shelter.

Q21 Can you please email me the site survey of the Barangaroo pavilion competition site

A21 All information you need is contained within the drawings available for downloading on the Competition website. We have no other survey drawing.

Q22 Please clarify the requirement for 4.5m clearance to the perimeter of the canopy. Is this required to be provided for the full perimeter or is it reasonable to have solid walls and/or screening devices to a proportion of the perimeter of the canopy? Is there for instance a key area where clear 4.5m access should be prioritised?

A22 The 4.5m clearance is to maintain sightlines through from certain directions, provide flexibility for artwork/installations and allow for logistics equipment for events and maintenance. However some walls or screening may need to be provided. It is the responsibility of each Entrant to evaluate all requirements in the preparation of their Entry.

Q23 Is it acceptable propose minor modifications to the proposed ground plane, for example introducing additional steps to the transition between tier 1 and tier 2?

A23 The ground plane should not be modified.

Q24 We have a series of related questions:

a. Does the mention of the 'Potential inclusion of a flexible zone, screen or wall' in Permanent Pavilion Functional Requirements (5.3.1) refer to the same zone as in the Accommodation Schedule (5.4) 'Flexible/Service Zone'?

A24 a. Yes. It is up to each entrant to decide if they create a zone that includes a screen or wall within their design.

- b. Please elaborate on the meaning of the word 'flexible' in relation to the 'Flexible zone'. Does it mean in this sense that it is a zone which must be able to cater to many different event types, or is it flexible as to our use of that space when designing?
- b. The description of the potential flexible zone is clearly outlined on page 20 of the Competition Brief. It is the responsibility of each Entrant to evaluate all requirements in the preparation of their Entry.
- c. Are we to also design each temporary event component?
- c. No. As noted on page 21 of the Competition Brief, temporary components 'will only be brought on site during temporary events. These items will need to be accommodated within the design.'
- d. Is the Bump In / Bump Out space located outside of the competition site?
- d. Yes. As noted on page 18 of the Competition Brief, entrants 'will need to consider the area east of the Platform which will accommodate large vehicle movements to deliver and drop off/pick up containers, pieces of art and small to medium logistics equipment'.
- e. Are the View A and B mandatory for the competition submission?
- e. View A and B indicate where the views on pages 12 and 13 are taken from. There is no requirement for entrants to use these same viewpoints.
- f. As referred to in section 5.2.1 (Parts B & C), has the location of the columns for the Pavilion already been determined by the Platform structure?
- f. No. It is up to each Entrant to decide how to deal with the structure of their design and how it integrates with the existing structure.

Q25 I am having trouble finding where one needs to register for the Barangaroo Pier Pavilion design competition? Can you please assist?

A25 There is no requirement to register for this competition.
You can download the Competition Brief, Conditions and other supporting material at <https://www.barangaroo.com/the-project/progress/pier-pavilion-design-competition/>
All information related to entering is contained in those documents. Please read carefully and follow all requirements outlined in the Brief and Conditions, particularly the *Entry Requirements* clause on page 11 of the Competition Conditions.

Q26 I'm a registered architect in VIC. I have noticed that Stage 2 requires NSW registration. In this sense does this mean in Stage 1, the architect will need to be of NSW registration, or does the completion welcomes all Australian architects from different states?

A26 As stated on page 4 of the Competition Conditions, 'Stage 1 is an open anonymous ideas competition open to registered Australian architects (who meet the requirements of the *Eligibility* clause...'. Any selected Finalist not registered in NSW will be required to register in NSW or will be required to team with an architect registered in NSW.

Q27 I have a number of related questions:

a. We are assuming that the containerised components will only be brought in whenever required by events, that these components are not part of the designer's scope, that the containers will sit outside of the 350m² Event Space. Please confirm?

A27 a. This is correct.

b. Can the containerised components be located under the canopy, or would this pose installation and removal challenges? What is the minimum height clearance required from floor to canopy soffit to allow for the components to sit beneath the canopy, should we opt to have them installed along the perimeters of and beneath the canopy?

b. These items should not be located beneath the canopy.

c. Please advise on the likely dimensions of the respective containerised components?

c. The containerised component area requirements are outlined in clause 5.3.2 of the Competition Brief as C. Bar, D. Kitchen and Service, E. Freezer, Fridge and F. Washroom. These elements only need to be generally indicated in Stage 1 and will be designed in more detail by Finalists in Stage 2.

d. Will the Event Space host exclusive/ ticketed events that require the area to be cordoned off?

- d. As described on page 15 of the Competition Brief, entrants must 'Allow flexibility for programming and activation of the space - as a venue for live public events, private functions, children's activity programming or temporary art and/or sound installations.'
- e. To what extent can designers modify the floor design/ finish?
- e. Same as A17k. As stated on page 17 'The Platform finish will be delivered as part of the Watermans Cove and pier construction project'. Entrants must maintain this finish.
- f. To what extent can the electrical services be modified? Can designers modify the electrical reticulation, or are designers constrained by the nominated access points shown in the Electrical Drawings Pack?
- f. Entrants in Stage 1 may modify electrical reticulation to best suit their design. Finalists will need to address these issues in more detail in Stage 2.
- g. Page 21 of the Competition Brief indicates that containerised components can potentially be located outside the Competition Site. We are assuming that provision of services can extend beyond the Competition Site to support this layout?
- g. Yes, but this need only be addressed by Finalists in Stage 2.
- h. Must the entire 350m² of the Event Space be beneath the canopy?
- h. Since the canopy may be between 250m² and 400m², the majority of the 350m² event space must be beneath the canopy.
- i. We note that four benches (labelled TB-01 on landscaping drawing B1B-L-D-8-90-00-8511) are proposed on the southern edge of the platform. On a recent site visit, we noticed that these have not been installed. Can we please know if these will eventually be installed as proposed, and if so, can we nominate to have them removed to suit the pavilion design?
- i. Entrants in Stage 1 are free to decide what is best for their design. Finalists will address these issues in more detail in Stage 2.

- Q28 Is there a 3D digital model available of the site and surrounding buildings?
 A28 Same as A4. There is no 3D model available at this time. However we have provided a PDF of drawings of the towers and Building R9 in Barangaroo South 1A as Addendum 1 on the Competition website for Entrants to download.
- Q29 I'm writing to enquire on what form/information are needed to participate in this design competition. I'll be joined by my friend who is a registered architect in Vic. I will be the main point of contact as I live in Sydney. Apart from the Stage 1 Competition Declaration Form do we need to fill up anything? Are we to put our names in the 'Name of Entrant' or a 'team name' (my understanding is that this is an anonymous competition)? Does 'Name of Entrant' have to be my friend's name or as long as I provide his name and registration number under the 'Architect Registration Board No. and State' & 'Principal Authors/List of Team Members' would suffice?
 A29 You must fill in the Declaration Form with the name and details of the registered architect in the team, along with any other team members. An anonymous competition means that you will not place any 'markings or information to identify the author/s' on the 3 x A3 entry sheets as explained in the *Anonymity of Entrants* clause of the Competition Conditions.
- Q30 Could we please get a hi-res version of the bottom image on page 12 of the brief: View A?
 A30 We are unable to provide this.
- Q31 Can the perimeter of the canopy be lower than 4.5 metres? Must it be minimum 4.5 m clear? (page 17, 5.2.1 General, A canopy structure)
 A31 No, the perimeter of the Canopy cannot be lower than 4.5m and must be a minimum of 4.5m clear. Also refer to A17a.
- Q32 Acceptable or not? Lower the lower part of the pavilion into sea water for 3-5m (cutting a pier), subject to the design boundaries, all requirements for a height of 8m + 30% / m2 and a budget of \$ 6.75 million.
 A32 It is the responsibility of each Entrant to evaluate all requirements in the preparation of their Entry.

- Q33 In the brief it says that the vertical elements (of the new structure) need to be integrated into the platform structure. Are we to assume
- a). that these elements would need to directly align with the columns below the platform or
 - b). that there would there be sufficient integrity in the slab (and beams) to redistribute loads?
- A33 For Stage 1 it can be assumed there is sufficient integrity in the slab to carry a new Pavilion. Finalists will need to clarify their structure in more detail in Stage 2.