

Montenegro Ministry of Ecology, Spatial Planning and Urbanism

# QUESTIONS AND ANSWERS COMPETITION FOR CONCEPTUAL ARCHITECTURAL SOLUTION OF GENERAL HOSPITAL FACILITY IN PLIEVUA

#### 1. Question/

My client is interested in the entire project of the hospital in Pljevlja. Are there any documents regarding the competition apart from the current plans to build the hospital and the tender for the conceptual solution. We ask this in order to consider this project to present it to the relevant Investor. We kindly ask you to direct us to the documentation, that is, where and how we can get it.

#### Answer/

For the call for competition for the hospital in Pljevlja, a tender was not announced, but a call for competition for the development of a conceptual design. The project is financed from the budget of the state of Montenegro for the needs of the Ministry of Health, and the call for competition is announced by the Ministry of Ecology, Spatial Planning and Urbanism. All documentation related to the announced competition is available on the website: <a href="https://www.architecturalcompetitions.me">https://www.architecturalcompetitions.me</a>.

#### 2. Question/

The deadline for submission is April 14th. Announcement of results is May 9th. 25 days are planned for the jury's work!!! The time of 25 days gives too much space for various manipulations. It is realistic for the jury to start working immediately after the deadline for submission of papers and for the results to be announced within three days.

## Answer/

As it is an international competition for which there is great interest from participants from all over the world, which is why it is expected that a large number of competition solutions will arrive, and as the hospital project is one of the most complex architectural buildings, the deadline of 3 days that you state is completely unrealistic for the quality performance of the jury process. In addition, when defining the deadline for the publication of the results, the following were taken into account: non-working days due to national and religious holidays in Montenegro, the organization of the jury, preparation of the final report of the jury and the translation of all documentation into English, the publication of the results is planned no later than May 9th.

#### 3. Question/

I would like to know if a sloping roof is necessary or is it still possible to have a flat one?

#### Answer/

In the call for competition page no. 4 states: "The recommended roof is sloping, it is preferable to have a greater slope." Roofs can be two-gable, four-gable or complex. Therefore, the sloping roof is given as a recommendation, not as a mandatory item.

Dear MR, Hope you are good. we are architects from Algeria and we have a question about the competition for conceptual architectural solution of General hospital facility in Pljevlja, we want to know if we can participate in this competition even we are in Algeria. Thank you

## Answer/

Regarding the competitions announced by the Ministry of Ecology, Spatial Planning and Urbanism: the requirements are as following:

Persons residing or domiciled in the territory of Montenegro, as well as persons domiciled in the territory of any other country, regardless the nationality, may participate in the Competition, where at least one of the authors of the competition solution (individual or author team leader) is a licensed Architect. The author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture).

As a student, you can participate only if you are a part of the team where one of the team members is a licensed Architect.

All other information regarding the competition, you can find in Call for competition and the Competition brief.

# 5. Question/

I have seen the call for the competition and I wonder if the students of architecture can participate in your competition. There is also concerns about the nationality of the participants, whether it is open to people from all nationalities or not. Please come back to me with the answers to these eligibility concerns so that I can organize my team as soon as possible.

#### Answer/

See the answer to question number 4.

#### 6. Question/

1- Land area, AutoCAD file with actual dimensions 2- Permitted building area 3- The number of floors 4- The number of beds 5- Departments and specializations in the hospital

#### Answer/

The question is not understandable. All information can be found in the Competition Brief.

# 7. Question/

I am Adish, writing to you on behalf of Amalgrain Studio, India. My firm and I are keen on participating in your competition: "General Hospital Building in Pljevlja" as posted on your website. How shall we express our interest to participate? The registration process for the competition is unclear.

#### Answer/

Registration is not required. The method of submitting work is defined in chapter 9.4. Method of submission of solutions in the Call for Competitions.

# Question/

As an architecture student, would it be possible to participate in this competition?

## Answer/

See the answer to question number 4.

UCN of the author / giro account number of the author (one of the members of the author's team) / Name of the bank - IBAN and SWIFT code, to which the payment of the prize will be made. Can you explain the abbreviations and clauses mentioned in the above article?

## Answer/

You should provide ID or passport number of the author and foreign currency account with IBAN and SWIFT numbers (your bank provides this information) in order to realize the potential payment from the Ministry.

# 10. Question/

How to submission?

# Answer/

See the answer to question number 7.

# 11. Question/

Where is the project task of the investor, then where are the urban technical conditions and whether they can be obtained through the email of my company, my email is zvečava 59@gmail.com

#### Answer/

All materials for the preparation of competition solutions, the competition task with defined content, areas and parameters, as well as other information on deadlines, methods of submission and conditions for participation are available within the competition documentation, which can be downloaded from the website: www.architecturalcompetitions.me.

# 12. Question/

I am a Turkish architect. Can I participate in this competition alone?

# Answer/

See the answer to question number 4.

## 13. Question/

I am ANIS DAMAK a Tunisian architect (TUNISIA). I would like to participate to the Competition For Conceptual Architectural Solution Of General Hospital Facility In Pljevlja Is that possible as a foreign architect. and. How can I do it?

#### Answer/

See the answer to question number 4.

# 14. Question/

How to register for the competition?

# Answer/

See the answer to question number 7.

Will the houses and trees in the land be demolished?

# Answer/

On page 2 of the call for competition, it is clearly stated: There are two buildings on the site - one of them is the administrative premises of the Emergency Situations Sector, while the other is used by the Pljevlja Health Center, which during the peak of the corona virus pandemic was used for the hospitalization of patients suffering from the corona virus and later as an outpatient clinic for patients suffering from the corona virus. The above-mentioned buildings are scheduled for demolition by the Detailed Urban Plan. The state of the existing green fund at the location is shown in the Elaboration of landscape taxation, which is an integral part of the call for competition, based on which all parameters relevant to the valorisation of the analysed trees can be viewed. 198 trees were recorded on the site. When designing, it is necessary to preserve trees of the "B" category (trees of good quality) with adequate care measures. Category "C" trees include trees of limited quality that require significant care measures. Their general condition can be repaired and improved to a certain extent by applying adequate care and maintenance measures. Trees of the "R" category are those trees that cannot be repaired due to major damage, low decorativeness and vitality, or complete dryness, so they should be removed from the site. The effective tree protection zone has a radius of 38 cm for every 2.5 cm of trunk diameter. The protective zone protects roots, soil and keeps branches away from construction equipment and materials. When designing, it is necessary to preserve and incorporate healthy and functional greenery. In places where it is not possible to fit them in and keep them, plan their transplanting - this applies to species that tolerate transplanting. The layout of the building on the urban plot depends on the quality of the trees and the position of geomorphological, hydrological phenomena and objects. Characteristics of tree seedlings for greening: min. seedling height of 2.50-3.00m, min. girth of the tree at a height of 1m, from 10-15cm.

#### 16. Question/

Analyzing the Competition task, especially from the aspect of compliance with certain provisions of the by-laws whose application is mandatory in the development of the subject project, some questions are raised, so please answer them. It is about the following:

**Question 1:** DESIGN OF ELEVATORS. Design of elevators is not assigned as part of the competition task. Bearing in mind the function and purpose of the planned facility, as well as the conditions set by the Rulebook on closer conditions and methods of adapting facilities for access and movement of persons with reduced mobility and persons with disabilities ("Official Gazette of Montenegro 48/13 and 44/15) we consider it necessary to design elevators (elevators for patients and staff and service elevators).

<u>Answer:</u> In Chapter 11 of the competition task, the following is stated: Rulebook on detailed conditions and methods of adaptation of facilities for access and movement of persons with reduced mobility and persons with disabilities ("Official Gazette of Montenegro", no. 48/13 and 44/15). It goes without saying that an object of this typology must include elevators as a form of communication.

**Question 2:** MAGNETIC RESONANCE. In the task for the design of radiological diagnostics, the design of magnetic resonance imaging is not foreseen. In the Rulebook on closer conditions for the performance of health activities in hospitals and natural spas, "Official Gazette of Montenegro", no. 74/2008 and 32/2010. it is prescribed that a general hospital must also have magnetic resonance in the X-ray diagnostics section.

<u>Answer:</u> Magnetic resonance is necessary in a general hospital, it should be planned within the parameters set by the competition task and the planning document.

**Question 3:** CONTENTS OF THE PHYSICAL MEDICINE SERVICE. In the Rulebook on closer conditions for the performance of health activities in hospitals and natural spas, "Official Gazette of Montenegro", no. 74/2008 and 32/2010. It is prescribed that a general hospital in the physical medicine department must also have the following facilities: Galvanic bath, Four-cell galvanic baths,

Bath with underwater massage, Hubbard bath. These contents are not provided for in the competition task.

<u>Answer:</u> The mentioned facilities (Galvanic bathtub, Four-cell galvanic baths, Bathtub with underwater massage, Hubbard bathtub) should be designed within the parameters set by the competition task and the planning document.

**Question 4:** OTHER FUNCTIONAL UNITS. The subject project should meet the current and development needs of the municipalities of Pljevlja and Žabljak. That is why the question of designing and individual functional units that are not included in the competition task arises, namely:

**Question 4.1:** HEMODIALYSIS. Is there a hospital department or a day hospital for haemodialysis in Pljevlja and what is its status in the future organization of health care at the secondary level for these two municipalities.

<u>Answer:</u> Within the existing complex of the General Hospital in Pljevlja there is a haemodialysis building, which is functional. Given the proximity of the planned new facility, it is not necessary to plan a space for haemodialysis in the new building of the Pljevlja General Hospital.

Question 4.2: UROLOGY. Same question as for haemodialysis.

<u>Answer:</u> As it is a surgical branch of medicine, urology is intended to be part of the surgical department. The Department of Urology currently functions within the department of surgery, because surgical interventions are performed in the surgical block of the department of surgery. Considering the number of services and the number of inpatients, the number of operations and interventions, the same organizational model as before can be used in the new facility of the general hospital. All surgical branches belong to the Department of Surgery.

**Question 4.3:** TRANSFUSION SERVICE. How is the blood transfusion service organized in the municipality of Pljevlja - in a separate facility managed by the Blood Transfusion Institute of Montenegro, or is it necessary to provide space in the facility of the general hospital.

Answer: Article 5, paragraph 2 of the Law on blood supply establishes that the Institute also carries out its activities through organizational units in health institutions that use blood in treatment in their activities, in accordance with the Institute's acts. In this regard, the Statute of the Institute and the Rulebook on the internal organization and systematization of workplaces provide for the Department for blood collection, laboratory, clinical and emergency transfusion of Pljevlja as one of the organizational parts of the Institute. Accordingly, we advise that the existing Department for blood collection, laboratory, clinical and emergency transfusion located within the existing hospital in Pljevlja will be kept at the same location, and it is not necessary to design it within the new hospital.

**Question 4.4:** OTORHINOLARINGOLOGIE - The competition task envisages ENT diagnostics as part of the polyclinic. Is the department planned - ENT inpatient?

<u>Answer:</u> As it is a surgical branch, it is planned that Otorhinolaryngology (ENT) will be part of the surgical department. The ENT service currently functions within the department of surgery, diagnostics and treatment (operations) are performed within the same operating block. Considering the number of services and the number of inpatients, the number of operations and interventions, the same organizational model as before can be used in the new facility of the general hospital. All surgical branches belong to the Department of Surgery.

Question 4.5: OPHTHALMOLOGY. The competition task provides for only one doctor's office and one intervention clinic. Bearing in mind the new diagnostic methods in ophthalmology, the underdeveloped diagnostic network in this branch of medicine in Montenegro, the question arises as to why more offices are not planned, such as a glaucoma office, etc...

<u>Answer:</u> As new therapeutic minimally invasive surgical interventions are increasingly used, which do not require a surgical room, it is possible to plan another ophthalmology office, if there are spatial possibilities within the parameters set by the competition task and the planning document.

**Question 4.6:** ECONOMIC SERVICE CONTENTS. A general hospital is a large and complex system, with lots of furniture and equipment. Furniture and equipment "wear out", get damaged, break, etc... All of that needs to be put away somewhere. The question arises whether a special economic service content should be designed - a warehouse for storage and storage of old and damaged furniture and equipment and its repair and servicing. Then, a warehouse of new furniture and equipment - for replacing damaged furniture and as a kind of reserve for extraordinary circumstances when it is necessary to hospitalize a larger number of people than the available capacities.

Answer: It is possible to design these spaces in the semi-underground floor/basement floors within the parameters set by the competition task and the planning document. It is necessary to keep in mind that the entire furniture will not be damaged, and therefore it is not necessary to plan a room with a large capacity, but a smaller room that will be sufficient for storage and repair of damaged furniture and equipment.

**Question 4.7:** CENTRAL ARCHIVE. The general hospital, in addition to the digitized archive, also has a significant archive in analogue form, whether it is medical or general, financial and bookkeeping documentation. All of this needs to be stored somewhere and for a certain period of time. Should a special space be designed for these purposes?

<u>Answer:</u> It is possible to design these spaces in the semi-underground floor/basement floors within the parameters set by the competition task and the planning document.

**Question 4.8:** KITCHENETTES. In some functional units, rest rooms and similar rooms are provided, which, most often, are also used as kitchenettes and dining rooms for employees. There are no such contents in the Polyclinic, Administration and other diagnostic units, so you should think about designing smaller kitchenettes/dining rooms for employees, which would avoid having to eat in surgeries and nurses' desks.

<u>Answer:</u> Kitchenettes are provided in the rooms where the duty teams stay, and they are not provided where work is done in one shift, while smaller kitchenettes can be provided in the administration and polyclinic. According to spatial possibilities, the participants of the competition are given the freedom to design additional contents in order to improve the space for employees within the parameters set by the competition task and the planning document.

Question 4.9: CENTRAL KITCHEN. The capacities of the central hospital kitchen should be increased to prepare a hot meal for employees (regardless of who pays for that meal). In this way, employees are provided with a quality hot meal while they are on shift.

<u>Answer:</u> The planned capacity of the kitchen is adequate for preparing meals for employees, since according to the Law, general hospitals are not obliged to provide hot meals to employees, except for duty teams.

Question 4.10: "ANTISTRESS CABINET". Health workers are constantly exposed to stress. It is desirable that in the building (in the basement) they have a space for relaxation that they would use in their free time (weight training, table tennis, chess, billiards, etc.), tentatively named as "anti-stress cabinet".

<u>Answer:</u> In the Rulebook on closer conditions for the performance of health activities in hospitals and natural spas ("Official Gazette of Montenegro", no. 74/08 and 32/10), it is not defined that a general hospital must have an anti-stress cabinet. According to the spatial possibilities, the participants of the competition are given the freedom to design additional contents in order to improve the space for employees within the parameters set by the competition task and the planning document.

Question 5: LANDSCAPE DESIGN PLAN AND OCCUPANCY INDEX. Certain parts of the competition task are partly inconsistent with each other and cause certain doubts. The competition task stipulates that the maximum area under the building can be 30% of the planned location. It is further stipulated that at least 70% of the area of the complex must be designated for green areas. The question is what about the traffic? Pedestrian and vehicular access roads must be designed. In addition to the main building, 8 more separate buildings are planned, and all of them must have a functional traffic connection that cannot harm the area of the buildings. Stationary traffic should be resolved and at least 400 parking spaces should be designed (30 pm/1000 m2 of buildings). An underground garage with so many parking spaces is large and expensive. It means that one part of the parking space would have to be in an open parking lot, and the conditions of the terrain do not allow it... Should a heliport be designed within the complex, because it is not provided for in the competition task either.

## Answer/

Part of the defined percentage of 70% greenery within the urban plot can be achieved by planning a green roof or vertical greening façade, which creates the possibility to solve traffic communications and possibly a smaller part of surface parking on the urban plot. The heliport is not foreseen in the competition task, the competition participants are left free to design additional contents in order to improve the contents of the hospital within the parameters set by the competition task and the planning document.

## 17. Question/

How to register and obtain the code please. What is the registration website?

# Answer/

See the answer to question number 7.

# 18. Question/

Dear organizers, please could you help us to how register in both competitions: COMPETITION FOR CONCEPTUAL ARCHITECTURAL SOLUTION OF GENERAL HOSPITAL FACILITY IN PLIEVLIA and Conceptual urban-architectural solution of a zoo with a CITES center and associated contact zone in Berane. best regards, Wassim

# Answer/

See the answer to question number 7.

In the call for competition, the maximum number of floors of the building is mentioned as Su+P+2. In another place, it is mentioned that it is possible to form an underground garage in several floors. Does this mean that it is possible for the building to have several underground floors and do they include the existing basement, or must they be located below the mentioned basement floor?

#### Answer/

On page 3 of the competition task, it is stated: "The maximum gross floor area of the building is 13,851.00m², while it is recommended that the total gross floor area of the building be approximately 11,500.00 m², whereby the underground floors, which can be single or multi-story, are not included in the calculation of the gross floor area, only if they are intended to be used to ensure the capacity of stationary traffic, service spaces necessary for the functioning of the underground garage and technical systems of the facilities."

Yes, the building can have several underground floors, but they do not include the semi-underground floor.

# 20. Question/

In the call for competition, it is stated that "30 parking spaces (10-40) per 1000m2" should be provided. In relation to the  $11,500 \text{ m}^2$  that is recommended to be above ground for the BRGP building, does this mean that about 345 parking spaces should be provided (underground and above ground) on the plot? What does the parenthesis "10-40 PM" mean.

# Answer/

On page 4 of the competition task, it is stated: "The required number of parking spaces should be provided within the urban plot, outdoors, in a garage inside or outside the building." For buildings on sloping ground, garages can be built as part of the landscaping of the yard, in the denivelation in front of the building. It is necessary to predict 30 PM (10-40) per 1000m<sup>2</sup>."

Therefore, the specified number of parking spaces can be allocated within the urban plot, outdoors, in a garage within or outside the building, whereby the minimum number of parking spaces per 1000m<sup>2</sup> is 10, and the maximum number is 40.

# 21. Question/

In the call for competition, it is stated that the area under the building should be a maximum of 30% of the area of the urban plot. At the same time, it was stated elsewhere that at least 70% of the urban plot should be under green areas. How can this be implemented, since if these parameters are respected, it is not possible to design any traffic areas on the plot (streets, ramps, driveways, covered plateaus, footpaths, outdoor parking spaces, etc.). Can all these traffic areas be found in 70% of the plot area together with greenery?

# Answer/

On page 6 of the competition material, it is stated: "Minimum 70% of the area of the complex, which is 10,773m², must be occupied by green areas." Use species with phytocidal effects, and within the health complex create areas for peaceful rest. Form walkways with accompanying furniture." Part of the defined percentage of 70% greenery within the urban plot can be achieved by planning a green roof or vertical greening façade, which creates the possibility to solve traffic communications and possibly a smaller part of surface parking on the urban plot.

On page 10 of the call for competition, it is stated that the Center for Emergency Medicine, within the hospital, must have "good and easy access to medical vehicles and helicopters". Does this mean that part of the mandatory project program is also a heliport on top of the building, since there is nowhere on the plot to place a heliport?

## Answer/

The heliport is not foreseen in the competition task, the competition participants are left free to design additional contents in order to improve the contents of the hospital within the parameters set by the competition task and planning document.

# 23. Question/

I'm a Gurgaon, India based architect. I have been through your upcoming competition, updated this month. As I have mentioned that I'm an India based practice, am I eligible to send my entry as a company or I have to be associated with a local architect/practice as a formality/rulebook, if yes then please share the link to register.

Thanks & Regards,

#### Answer/

See the answers to questions number 4 and 7.

# 24. Question/

Dear Competition Committee, We are interested to participate in the hospital design competition and would like to ask a few questions as followed:

Since we are international team, can the submission language be in English alone?
 Answer/
 Yes.

2) Is there any maximum page limit to the textual part? Can graphics be included in the textual part?

\*\*Answer/\*\*

The content of the competition work is defined in chapter 8. Content of the competition work. Regarding the textual part, all information is defined in chapter 8.1. Textual and numerical part of the Call for Competition. There is no maximum page limit to the textual part and it can include graphics.

3) Is there any maximum number of A0 graphic boards?

Answer/

Graphical attachments are defined in chapter 9.2. Graphical attachments: "All graphic attachments of the competition design solutions are submitted in a single file in .pdf format AO (horizontal orientation). Graphic attachments are submitted in accordance with the content indicated in chapter number 8. The number of pages is not limited."

4) Is this hospital positioned as a pioneer hospital in the country of Montenegro? How should its facilities be compared with the other hospitals?

Answer/

It is not a pioneer hospital in Montenegro. The Pljevlja General Hospital, as a public health institution, covers two municipalities - the Pljevlja municipality and the Žabljak municipality, and there is no need to compare it with other hospitals.

5) Can our functional programs and their location be deviated from the brief?

In chapter 6. Spatial facilities within the building of the Competition brief (page 9) it is defined that the recommendations are given through the amenities and approximate dimensioning of them, and indicate which facilities must necessarily be connected, but in no way prejudice the template design, which the participants of the competition should adhere to.

6) How many doctors and staff shall be in this hospital? Do we need to provide sleep-over for some medical professionals?

#### Answer/

The current internal organization and systematization of work positions of the General Hospital in Pljevlja specifies 250 medical workers, of which 52 are doctors and 101 non-medical workers, with the possibility of changing it if the conditions require it (increased number of insured persons and increased need for services).

7) How many patients can this hospital serve at one time?

#### Answer/

In chapter 5. Conditions, parameters and recommendations of the Competition brief, on page 5 it is defined as following: "It is necessary to provide 140 patient beds for the new General Hospital."

8) Any regulations to calculation the number of toilets, and carpark?

#### Answer/

The number of parking spaces is defined in the competition task, while the number of toilets must be designed in accordance with the expected capacities of the hospital.

9) Is helicopter pad be needed?

#### Answer/

The heliport is not foreseen in the competition task, the competition participants are left free to design additional contents in order to improve the contents of the hospital within the parameters set by the competition task and planning document.

10) Are the patients required to paid medical fee in this hospital? Or is it fully subsidized by the Government?

# Answer/

This is not a private healthcare institution. Insurers of the Health Insurance Fund of Montenegro pay co-payments, and foreign persons pay for services.

11) Given the many documents to be submitted, can the submission deadline be extended one more month at least since we hope to provide an excellent design?

# Answer/

There is no possibility to extend the duration of the competition and change the deadline for submission.

What will be the mode of presentation? Prize money is not clear in advertisement

# Answer/

The method of organizing the exhibition of competition works will be provided after the announcement of the results of the competition. The prize fund is defined in chapter 6.2. Prize fund within the call for competition.

#### 26. Question/

Good morning Do I need to register for the competition? To which address should the project be sent? My name is Rodrigo Pinotti, I am an architect and I would very much like to participate in the competition Thanks!

#### Answer/

See the answer to question number 7.

## 27. Question/

I would like to ask regarding eligibility of competition. I am an architect who is from Turkey and registered to chamber of Turkish architects. Can I join competition as foreign architect?

# Answer/

See the answer to question number 4.

#### 28. Question/

Is a floor more than half buried in the ground considered a basement or a ground floor?

# Answer/

The rulebook on the detailed content and form of the planning document, criteria for the use of areas, elements of urban regulation and unique graphic symbols ("Official Gazette of Montenegro", number 24/10 and 33/14) defines that the underground floor is the basement, and the above-ground floors are the semiunderground floor, ground floor, first floor and loft. The underground floor is the part of the building that is completely underground. The basement is an underground floor whose vertical dimensions cannot exceed the relevant terrain elevation of 0.00 m, whose horizontal dimensions are defined by the GLO construction line from Article 96 paragraph 1 of this regulation and cannot be larger than the urban plot. If there is a denivelation of the terrain, the relevant elevation of the terrain from paragraph 2 of this article is considered to be the lowest elevation of the finally arranged and leveled terrain around the object. Semi-underground floor is an above-ground floor where part of the vertical dimension is above the height of the finally leveled terrain around the building and whose horizontal dimensions are defined by construction line GL1 from Article 96 paragraph 2 of this rulebook. The semi-underground floor can be on flat or sloping terrain. In the case of a semi-underground floor on flat terrain, the vertical volume of semi-underground floor cannot exceed the elevation of the ground by more than 1.00m of the finally leveled and arranged terrain around the building. The semi-underground floor on sloping terrain is built into the ground on three sides, with the semi-underground floor level on one side of the building matching the ground level or deviating from the ground level by a maximum of 1.00 m.

# 29. Question/

where do we submit the entry?

#### Answer/

The method of submission of the competition paper is defined in chapter 9.4. within the Competition Brief. 30. Question/

How do we register and sign up? Is there a fee to join?

#### Answer/

Registration is not required and there is no application fee. The method of submitting solutions is defined in chapter 9.4. Method of submission of solutions in the Call for Competitions.

#### 31. Question/

Hello, Can you clarify the conditions of The right to participate Please. What do you mean exactly at least one of the authors of the competition solution (individual or author team leader) is a responsible person in the architectural profession. This person has to possess a degree in architecture? It has to be a registred architecture member? thank you in advance

#### Answer/

See the answer to question number 4.

#### 32. Question/

We are writing you this email to get more information about this competition, since We're too architects, Asmae Maachi and Arij Boumalak , we are interested about the "Competition for conceptual architectural solution of General hospital facility in Pljevlja". We have recently graduated with M.Arch from the International University of Rabat. We actually want to know if we need to apply by this email to the competition? And when we will be able to find more documentation about the competition? And how is the procedure of registration? Can we do a group or it's an individual competition?

During our internships we have gained enough knowledge and skills to meet the requirements of the job. We appreciate the challenge of bringing new ideas to reality and sharing our architectural visions, and this competition will allow us to do that on a global scale.

#### Answer/

All materials for the preparation of competition solutions, the competition task with defined content, areas and parameters, as well as other information on deadlines, methods of submission and conditions for participation are available within the competition documentation that can be downloaded from the website: <a href="https://www.architecturalcompetitions.me">www.architecturalcompetitions.me</a> which can be found at the bottom of the page, under the announcement of the competition.

# 33. Question/

Request for information on the location for the General Hospital project in Pljevlja. In the detailed urban plan "MALI LOGOR" in chapter 6. URBAN TECHNICAL CONDITIONS, Part 6.3.1. it says that it is on plot UP1 the CONSTRUCTION of a HOME OF HEALTH or another facility in the function of health care is planned. In part 6.4. BUILDING STORY in chapter 6.4.1. Health (UP1) has a maximum floor space of Su+P+2, which according to the nomenclature of health activities belongs to PRIMARY HEALTHCARE and not to SECONDARY HEALTHCARE, which includes General hospitals. Considering the height restrictions as well as other medical parameters used in the design of hospitals, we ask the announcer to give a real explanation of what type of health care is foreseen at this location (primary health care or secondary or tertiary care)?

## Answer/

In the competition task it is clearly specified that it is a competition for the conceptual architectural design of the building of the general hospital in Pljevlja, and all the set parameters are binding when drafting a competition solution.

Hello, My team was reading the competition brief of the design of the general hospital in Pljevlja building and we stumbled across something that questioned us. Since english language is not our native language we were wondering what those highlighted words stand for. We are guessing it's for roentgenography and roentgenoscopy but we wanted to confirm with you if possible.

In attached files you can find the words in question - Rö hall for scopy, Rö hall for graphy. Awaiting for you response, Kindly wish you a nice day,

#### Answer/

It is the rooms for roentgenography (x-ray) and roentgenoscopy.

#### 35. Question/

Regarding the conditions published in the call for competition documentation, we noticed inconsistencies in part of the needs given in the competition task and limitations that define the DUP "Mali Logor" as a valid planning document, which does not give the possibility of adequate functional organization of both the hospital facility itself and the complex.

Namely:

CONDITIONS IN THE COMPETITION TASK ACCORDING TO PLANNING DOCUMENT ARE:

- o Urban plot 15,390m<sup>2</sup>
- o Under the object max. 30%
- o Maximum BGP 13 851m<sup>2</sup>
- o recommended 11,500m<sup>2</sup>
- o Floor Su+P+2
- o Parking 30PM (10-40) on 1000m<sup>2</sup>
- O Green areas 70% of the area of the complex, i.e. 10,773m<sup>2</sup> + protection of "B" category trees and treatment of "C" category trees
- o Helidrome

# ACCORDING TO THE COMPETITION TASK, WE REQUIRE:

- o Net area of the basic building 6,564m<sup>2</sup>
- o Net area of other buildings on the plot Infectious + accompanying buildings 1,048m<sup>2</sup>

Note: TS and boiler room are not included, nor is the heating method defined.

# ANALYSIS:

For the required net area, when communications 30% and walls 15% are taken into account, the BRGP would be:

- For the basic building, 9517.8 m<sup>2</sup>
- Other buildings on the plot: Infectious 504.6m<sup>2</sup> and accompanying buildings 805m<sup>2</sup>

#### TOTAL BRGP 10 827.4m<sup>2</sup>

TOTAL AREA UNDER FACILITIES 4,482.2  $m^2$  (BRGP of the main building / 3.5 floors + areas under auxiliary facilities and the infectious department)

REQUIRED NUMBER OF PARKING PLACES 325 PM

GREEN AREAS 10 773M<sup>2</sup> AVAILABLE AREA outside buildings and greenery where you need to organize traffic manipulative areas, quiet rest, possibly parking 134.8m<sup>2</sup>

From the above, it can be seen that within the parameters set by the plan (occupancy, number of floors, green areas, required number of parking spaces) it is not possible to achieve the requested capacities, especially if the conditions for the functional connection of certain contents, the need for technical rooms even on the technical floor are taken into account and that the calculation did not include TS and the boiler room, which would have a significant area for this facility. When you take into account the area under the building and the given area of greenery, the free area within which you can find parking lots, manipulative areas, areas for quiet rest, etc. is 134.8m², which, even with the condition of complete underground parking, is insufficient for traffic manipulative surfaces.

Bearing the above in mind, our question is: Is it possible to deviate from the planned parameters in order to obtain a solution that will meet the conditions of the competition in terms of providing the required capacities and respecting the conditions of functional connectivity and all in accordance with modern regulations for this type of facilities? (Occupancy, number of floors, green area, required number of parking spaces)? Is it possible to supplement the conditions of the call for competition so that they state: "If it is not possible to fully satisfy the parameters given by the DUP "Mali Logor", the solution will be given as an Urbanistic architectural one, which will elaborate the location in accordance with the given program and will be reviewed by the DUP given parameters with the aim of implementing the parameters obtained by the best solution in the PUP, which will create a basis for direct implementation and construction within the area in question.

## Answer/

See the answer to question number 21.

# 36. Question/

Dear Sir/Madam, as a team participating in the Competition for the conceptual architectural design of the General Hospital in Pljevlja, we are asking you to extend the deadline for submission of the competition solutions. Since the task is complex and requires detailed analysis and elaboration, we believe that more time is needed to bring the idea of our concept to the level of conceptual solution. In the hope that you will consider our question, we sincerely thank you. Greetings!

#### Answer/

There is no possibility to extend the duration of the competition and change the deadline for submission.

#### 37. Question/

How do we register ourself to participate in competition?

#### Answer/

See the answer to question number 7.

# 38. Question/

Hello, I would like to participate in the competition of the General hospital facility in Pljevlja, please advise and inform me the important points. Thanks. S. mohammad Reza Jamshidi, Tehran Iran

#### Answer/

You can participate as an individual or as an author team. We would like to remind you that at least one of the authors of the competition solution (individual or author team leader) is a licensed Architect. The author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture). There is no need for registration. You should submit your entry on e-mail: info@architecturalcompetitions.me by the competition deadline in form specified in Call for Competition and Competition brief. All other information regarding the competition, you can find in Call for competition and the Competition brief.

# 39. Question/

Dear Sir, I am interested in the following things:

- 1. Is there a possibility to form a projecting part of the building (like a bay window), which on the upper floors would be outside the defined construction (red) line? If there is, is it limited in length or is the border of the plot the border of that plot?
- 2. Is it possible to place inpatient blocks (such as surgical and pediatric inpatient) that have duplicated surfaces on two different floors (one above the other) or is it advisable to have them on one floor? Thank you in advance. Sincerely, Elena

- 1. It is not possible to design any part of the building outside the construction line.
- 2. It is recommended that the surgical hospital be on the same floor for better organization, while it is not mandatory for the pediatric hospital.

Can you show access to Montenegrin building regulations please?

#### Answer/

Legal building regulations in Montenegro can be found on the website of the Ministry of Ecology, Spatial Planning and Urbanism: https://www.gov.me/dokumenta/0c6bcfb6-589c-4951-98a6-e439b60093d9.

#### 41. Question/

Is there a registration fee?

#### Answer/

See the answer to question number 7.

## 42. Question/

I did not receive the point cloud model?

#### Answer/

You can find the Point cloud model in competition documentation, in folder 02\_Graphical documentation.

#### 43. Question/

Hello, I would like to participate in the competition -General hospital facility in Pljevlja. It would be great if you help me on the registration process. Thanks, Narthana

#### Answer/

See the answer to question number 7.

#### 44. Question/

Hi. Please help me in the registration process of the competition.

## Answer/

See the answer to question number 7.

# 45. Question/

- 1. Please give a closer explanation about the request in point 8.1 / graphic part reduced panels / in what scale?
- 2. Is only the content from folder 01 sent in English or is the complete graphic documentation required in folder 2 sent in English?

# Answer/

- 1. All graphic attachments made in A0 format are submitted proportionately reduced within an A3 notebook.
- 2. The entire competition paper can be submitted in Montenegrin or in English.

Dear Competition Team, We are writing you with the following questions, regarding the Competition for the General Hospital Building in Pljevlja:

- 1. What is the minimum distance between staircases that should be provided in terms of emergency evacuation?
- 2. Are the areas of semi-dug building's structures in the terrain counting within the gross area?
- 3. In case we propose areas, which we consider necessary for the functioning of the General hospital and are not mentioned in the competition brief (for example Corpse cold chamber for the Mortuary building) will that be considered a violation of the Competition program? In case no, is there a maximum amount of additional areas that can be proposed?

Please let us know in case you need any further information. Kind regards!

#### Answer/

- 1. The maximum distance from the room to the evacuation staircase is 25m.
- 2. The part of the semi-underground floor that is used as a garage, storage or technical room is not included in the BRGP calculation.
- 3. According to spatial possibilities, the participants of the competition are left free to design additional contents in order to improve the functioning of the hospital, within the parameters set by the competition brief and the planning document. Therefore, the given parameters must not be exceeded.

# 47. Question/

Hi dear all, we want to register for the competition but I cant find the registration link. Regards.

#### Answer/

See the answer to question number 7.

#### 48. Question/

I want to know is it mandatory to provide a space for helicopters because it is not mentioned in the competition brief?

#### Answer/

See the answer to question number 22.

#### 49. Question/

Question: I am a licensed architect residing in Turkey. Is it possible for me to participate in the competition alone?

Thank you so much.

## Answer/

See the answer to question number 4.

# 50. Question/

Hi dear all, we wanted to participate in the General hospital competition, but we couldn't find the registration link! Sincerely yours, Arch. Salih Jamal, HR manager

## Answer/

See the answer to question number 7.

Dear Sir/Madam, We have the following questions regarding the competition for the Conceptual Solution of the General Hospital in Plievlja.

- 1. Is it possible to postpone the deadline for submission of solutions? The assignment is very complex with a lot of content and requires more time.
- 2. Does the infectious department have to be in a separate facility or can it be within the single facility of the General Clinic but with a separate entrance?
- 3. Can all the departments that are stated to be in separate facilities be within the same building of the General Hospital? Let's say they have separate entrances and orientations.

#### Answer/

- 1. There is no possibility to extend the duration of the competition and change the deadline for submission.
- 2. The infectious department should be a separate functional unit with a separate entrance, but it should have a good connection with the internal department because one doctor during duty covers both the internal department and the infectious department. Whether it is designed as a separate facility, or as an annex of the main facility, the Infectious Department must have an independent entrance, separated using landscaping, with a very controlled entrance and all measures of prevention, disinfection, etc. The rooms of this block must be naturally ventilated. Take into account the possibility of easy modular upgrading of this block in the event of a pandemic (extensive space).
- 3. In chapter 6. Spatial facilities within the building, in the Competition Brief, it is stated that the center of medical gases and the treatment of medical waste must be located in a separate facility, since liquefied gas, for safety reasons, must be located at a safe distance from other facilities. As for the other contents, it is up to the participants of the competition to offer the best solution for the organization of the space, taking care to fulfil the conditions given by the competition task.

#### 52. Question/

Is this competition open to international participants as well?

#### Answer/

See the answer to question number 4.

#### 53. Question/

If the files exceed the 5mb limit, can we compress it to Zip file and Submit by email? the WeTransfer platform only keep the download link for 7 days, do you need to download the files many times or once?

#### Answer/

You can compress the material in .zip file or you can send it via WeTransfer link, because all competition entries will be downloaded as soon as they are delivered. We remind you that we will send you a confirmation e-mail after we receive the documentation.

# 54. Question/

In the "7. CRITERIA ON THE BASIS OF WHICH design solutions WILL BE EVALUATED" which mentions: Detailed situational presentation of the solution - detailed purpose of surfaces and buildings, compositional plan - plan of physical structures and spatial relationships (with cast shadows), regulation and levelling of space, number of floors of buildings, brief data on planned capacities and other data that must be presented in graphics attachments for easier understanding of the solutions. R 1:500 so which part is in 1:500 please make this clear.

In Chapter 8.2. The graphic part in the Call for competition is defined in which scale each required graphic attachment should be made.

# 55. Question/

- 1. In which link do you register for the competition of the general hospital facility in Pljevlja or is the project only sent until the established deadline date?
- 2. How is the law of space planning and building construction obtained.
- 3. How do i get the digital form of point 9.3
- 4. What is the solution code of 5 digits of author data
- 5. What is the domain used by the author.
- 6. Can you do it with google drive to send documents larger than 5 mb?
- 7. What is the ucn of the author of point 12.

#### Answer/

- 1. Registration is not required, the competition solution is submitted via email to the address: info@architecturalcompetitions.me no later than 23:59 (UTC+1) Friday, April 14, 2023.
- 2. The Law on Spatial Planning and Building Construction is available on the website: <a href="https://www.gov.me/dokumenta/1603a1b7-1090-4e00-b7fd-e5e97607f030">https://www.gov.me/dokumenta/1603a1b7-1090-4e00-b7fd-e5e97607f030</a>
- 3. The chapter refers to the method of submitting solution, which is described in chapter 9.4.
- 4. Participants of the competition determine their work code, which must be a five-digit number.
- 5. To send solutions, it is mandatory to use a special email address created for that purpose, which consists of the following elements: 1. obp, 2. dot (.), 3. selected author code and 4. widely used domain (Gmail, Yahoo, Hotmail etc.). Example: obp.xxxxx@gmail.com
- 6. Google drive can be used when sending competition documents.
- 7. Unique identification number (or identity card number or passport number).

#### 56. Question/

Do we need to design only 2 operating rooms in surgery or can we do additional ones in gynecology? Thanks in advance.

#### Answer/

It is also necessary to plan one hall for the operating program of the department of gynecology and obstetrics, as indicated in the competition task.

## 57. Question/

"The graphic attachments of the competition design solutions are also submitted reduced to A3 format, as an integral part of the file from point 8.1." Will the reduced versions of A0 panels to A3 format be shared? Or will it be added separately as a booklet in A3 format, which has a separate page design within the design presented in A0 panels?

# Answer/

Graphic attachments that are made on the AO format panel should also be submitted within the A3 notebook containing all other attachments, in such a way that the AO format will be reduced to a3 format.

## 58. Question/

"In the upper right corner of each page, state the full name of the Competition." Is this name "Competition for the conceptual architectural design of the building of the general hospital in Pljevlja"?

# Answer/

Yes.

# 59. Question/

Is there a restriction on the number of A0 panels? How many A0 panels can we use for presentation? *Answer/* 

The number of AO panels is not limited. For the purposes of organizing the exhibition, submit one panel of AO size, on which the author can display the content he chooses from the competition work, with characteristic representations of the objects, which will illustrate his character in the best way. Adjust the scale to the panel.

#### 60. Question/

Should be engineer and landscape architecture in each team?

## Answer/

In the Call for Competitions, it is defined that one of the authors of the competition work (individual or author team leader) must be a responsible person in the architectural profession (licensed architect). The author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture). All other information is listed in chapter 1.8. The right to participate in the Call for Competitions.

# 61. Question/

Should mortuary building be separated from general hospital building? Can we think this building without any connect?

#### Answer/

It is up to the participants of the competition to offer the best solution for the organization of the space, taking into account the fulfilment of the conditions given by the competition task.

# 62. Question/

Patient room 2 beds -  $16 \text{ m}^2$  and bathroom with a shower bath on the floor level -  $6 \text{ m}^2$ . Is bathroom in the room? So can we think  $10 \text{ m}^2$  to beds and  $6 \text{ m}^2$  bathroom so totally  $16 \text{ m}^2$ ?

# Answer/

The area of the patient's room for 2 beds is  $16 \text{ m}^2$ , while the area of the bathroom with a shower at floor level is  $6 \text{ m}^2$ . So the total area of the room is  $22\text{m}^2$  with bathroom.

# 63. Question/

"In order to enable the normal operation of the Urgent Treatment Centre, it is necessary to provide: • Good and easy access to ambulances and helicopters" Is a concrete floor space expected to be reserved for the helicopter outside?

# Answer/

The heliport is not foreseen in the competition task, the competition participants are left free to design additional contents in order to improve the contents of the hospital within the parameters set by the competition task and planning document.

# 64. Question/

In the competition area, protection of B and C trees is envisaged. Is it possible to remove these trees in the field?

## Answer/

See the answer to question number 15.

In the specification, the preferred roof is requested to be inclined. Is the mentioned roof expected to be a common brick roof?

# Answer/

In the call for competition on page no. 4 states: "The recommended roof is sloping, it is preferable to have a greater slope." Roofs can be two-gable, four-gable or complex. Therefore, the sloping roof is given as a recommendation, not as a mandatory item. The roof should be designed taking into account the climatic conditions of the location.

## 66. Question/

Will underground car parks and underground technical rooms not be included in the BRGP calculation?

#### Answer/

The part of the basement or semi-underground floor that is used as a garage, storeroom or technical room is not included in the GFA calculation.

# 67. Question/

What is the: UCN of the author?? and a giro account number of the author? I'm a foreigner and we have another identification and other account numbers.

#### Answer/

See the answer to question number 9.

# 68. Question/

How to get register for competition and how to get competition code?

#### Answer/

See the answer to question number 7.

# 69. Question/

Dear Organizing Committee, With reference to our competition, I would like to send you the list of questions. The list of questions that you need is attached below.

- 1. I am i am an architecture student from Viet Nam, Can i join this contest?
- 2. What are the requirements for the submission? About language, paper size, frame name
- 3. Can you show me a build density for this building?

I look forward to hearing from you. Have a nice day.

- It is defined in the Call for Competition that one of the authors of the competition work (individual or author team leader) must be a responsible person in the architectural profession (licensed architect). The author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture). All other information is listed in chapter 1.8. The right to participate in the Call for Competition.
- 2. All information related to the method of submission of the competition work is specified in the Call for Competition.
- 3. You can find all the information about the spatial contents and capacities of the facility in the Competition Brief.

- 1. Can business activities be planned in the semi-underground floor?
- 2. What is the maximum height of the basement/semi-underground floor if business activities are planned in it?
- 3. According to the "competition task", the minimum green area of the complex should be 70% 10,773m², and on the other hand, max. The area under the building can be 30%, is there no possibility for parking outside in front of the building?
- 4. Is it necessary to plan, in addition to the surgical inpatient unit, also an inpatient unit in the service of the Emergency Center?
- 5. Coronary unit with 5 beds, to be organized as part of the intensive care unit or separately, only with the characteristics of the intensive care unit;
- 6. Are the covered atrium space counted in the GFA;
- 7. Are porches, covered passages counted in GFA;
- 8. Is it necessary for the kitchen and laundry room to be a separate facility, outside the main building of the hospital?
- 9. What is meant more specifically by "Technical systems of the facility", which are not included in the calculation of GFA, does it also mean: substation, boiler room, treatment of medical waste, laundry, morgue?
- 10. Is it necessary to predict 30PM per 1000m<sup>2</sup>, in the range (10-40PM), is it wrong or too little if 10PM per 1000m<sup>2</sup> is taken?
- 11. Can "Special objects" be foreseen, partially or completely buried in the ground??

#### Answer/

- 1. In the semi-underground floor, it is possible to provide the contents that are listed in the Competition Brief. It is possible to plan additional contents that improve the contents of the hospital, taking into account the fulfilment of the conditions given by the Competition Brief.
- 2. The height of the floors is determined in accordance with the purpose of the premises.
- 3. Part of the prescribed percentage of 70% greenery within the urban plot can be achieved by planning a green roof or vertical greening of the facades, which creates the possibility to solve traffic communications and possibly a smaller part of surface parking on the urban plot. In addition, all the given parameters are maximum, and it is possible to achieve even less in order to fulfil all other given conditions.
- 4. As part of the emergency block, it is necessary to provide a room for observation of patients (observation does not last longer than 24 hours)
- 5. The coronary unit is organized as a special intensive care unit within cardiology, which belongs to the internal medicine department.
- 6. Yes.
- 7. Yes.
- 8. No.
- 9. Of the above, the BRGP of the facility does not include: substation, boiler room, treatment of medical waste and laundry.
- 10. The specified number of parking spaces can be allocated within the urban plot, outdoors, in a garage within or outside the building, whereby the minimum number of parking spaces per 1000m<sup>2</sup> is 10, and the maximum number is 40.
- 11. It is up to the participants of the competition to provide the best solution in accordance with the slope of the terrain and the specific conditions at the location.

## 71. Question/

Dear Sir / Madame, I would like to participate the competition as a team. I am an architect who has residency in Karadag but i have not accredited my architecture licence in Karadag yet. I would like to understand whether we can participate the competition including team members outside of Karadag who do not have residency as well. I will be glad if you kindly inform me. Thanks a lot. Regards

You can participate as a team, where one of the authors of the competition work (individual or author team leader) must be a responsible person in the architectural profession (licensed architect) regardless of residence.

# 72. Question/

Good day! I am Nikolic Radomir and I am interested in participating in the design of the hospital in Pljevlja. I am interested in whether I should register for the competition.

#### Answer/

Registration is not required.

# 73. Question/

Can it possible to place some special facilities units in basement?

#### Answer/

It is up to the participants of the competition to offer the best solution for the organization of the space, taking into account the fulfilment of the conditions given by the competition task.

#### 74. Question/

- 1. According to the overloaded and detailed listed requirement program, we need more time to work on and develop architectural design. Only two months' time given for such an advanced topic will not be enough, especially for the international participants. So can you extend the submission deadline? We are kindly asking for extension of the given time.
- 2. Are we as participants required to draw furnished floor plans in 1/500 and 1/200, is this obligatory, or may we draw plans without furniture and give only codes of expected rooms on the plan?
- 3. I am architect who has license from another country. Are you asking for any license (as digital file) obtained from the chamber of architects? Can I have interior architects in my team?
- 4. Can we transplant trees in category "B" and also "C"?
- 5. Is there any registration deadline and fee?

## Answer/

- 1. There is no possibility to extend the duration of the competition and change the deadline for submission.
- 2. It is necessary to show the furniture on every floor plan.
- 3. The competition is international, therefore any foreign citizen licensed architect can participate in the competition. The license must be submitted in digital format, scanned within the author information folder. You can have any professional associates within the team.
- 4. In the Elaboration of landscape taxation, which is an integral part of the Competition documentation, the treatment of existing trees on the site is described in detail.
- 5. Registration is not required and there is no application fee, the competition work is submitted via email to the address: info@architecturalcompetitions.me no later than 23:59 (UTC+1) Friday, April 14, 2023.

# 75. Question/

We have 2 questions for the Conceptual Architectural Solution Of General Hospital Facility In Pljevlja Competition. In the competition specification it is said 'the building must be freestanding and can have a maximum floorage of B+GF+2'. Is the floor gained due to the slope in the attic an additional floor? Or is it included in the '+2' mentioned in the specification? Is this floor area included in the BRGP? In the competition specification, it was stated that the project should be submitted digitally. In addition, is hardcopy submission required? Regards. İsmail SARI. Mimar

#### Answer/

The last floor can be designed as an attic, or as a full floor above which there can be an attic. If the last floor is designed as an attic, it is calculated in the GFA of the building, and if an attic is designed above the last floor, that area is not included in the GFA of the building. We remind you that the Rulebook on the detailed content and form of the planning document, surface use criteria, elements of urban regulation and unique graphic symbols ("Official Gazette of Montenegro", number 24/10 and 33/14) defines that the attic is part of the building without façade walls, exclusively under the sloping or arched roof, and above the mezzanine structure of the last floor and may have minimal openings for light and ventilation. The attic is not a floor. When it comes to the loft, it is located above the last floor. The lowest clear height of the façade loft walls must not be higher than 1.20 m at the point where the building line of the loft and other floors coincide.

Competition works are sent in digital form to the e-mail address: <a href="mailto:info@architecturalcompetitions.me">info@architecturalcompetitions.me</a>, within the given period and it is not necessary to submit a printed version.

# 76. Question/

Dear Administrative team, my team includes a family design and architecture group. I am an interior designer at 59 years old, my son is an industrial designer at 28 years old, and my daughter is a graphic artist at 22 years old. However, I have more than 20 years of experience in the field of architecture, design and production of construction projects, especially prefabricated houses. I think the competition includes me and I can participate, right? Best wishes, S. Mohammad Reza Jamshidi, Tehran Iran

# Answer/

The competition announcement defines that one of the authors of the competition work (individual or author team leader) must be a responsible person in the architectural profession, that is, he must have a license. In addition, the author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture).

# 77. Question/

How can I apply in this competition?

#### Answer/

See the answer to question number 7.

#### 78. Question/

Good evening, as a potential participant I would like to clarify some doubts:

- 1) Is a minimum specific team required?
- 3) Referring to question (1), if yes, what documents are required?
- 2) Referring to question (1), if yes, should references also be submitted? And if so, which ones?
- 3) Is a hypothetical overall budget known for the eventual construction of the structure?
- 4) Referring to question (3), if yes, what fees are there?
- 5) Is there any overall organizational chart of reference on how you would like the structure to be preferably built? (Considering the there are very specific indications on the rooms and areas in general necessary for the structure)
- 6) Finally, it is not clear to me what happens to the winning project. Are there real chances that the structure will be built? If yes, how will the relationship with the winner of the competition work? How will it be managed?
- 7) Referring to question (6), if the structure should actually be built, does a timetable already exist or will it be established later? Thanks in advance.

#### Answer/

1) The number of team members is not limited. The Call for Competition defines that one of the authors of the competition work (individual or author team leader) must be a responsible person in the architectural

profession, that is, he must have a license. In addition, the author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture).

- 3) The license of the team leader must be submitted in digital format, scanned in the author data folder.
- 2) It is not necessary to provide references.
- 3) It is necessary for the participants of the competition to submit a rough estimate of the investment.
- 4) Since it is a competitive solution, the participants of the competition should submit a rough estimate of the investment. A precise estimate of the investment costs of building the building will be defined during the preparation of the Architectural Construction Documentation, and the tender procedure for the preparation of the Architectural Construction Documentation will follow after the selection of the first-prized solution in the competition.
- 5) There are no previously defined organizational charts related to the planned structure of the facility. It is up to the participants of the competition to offer the best solution for the organization of the space, taking into account the fulfillment of the conditions given by the competition brief.
- 6) After the selection of the first-prized solution, the same is elaborated by the Architectural Construction Documentation. The Directorate for Capital Projects is announcing a tender for the development of the main project of the General Hospital in Pljevlja, at which the design firm will be selected. The author of the first-prized solution does not have an advantage over other tender participants.
- 7) All procedures related to the further development of the project will be defined later, after the Jury makes a decision on the selection of the first-prized solution in the competition. We remind you that the Ministry of Ecology, Spatial Planning and Urbanism announces Call for Competitions for conceptual design of architectural buildings, while all other procedures related to the construction of public buildings are carried out by other competent institutions.

# 79. Question/

Dear Sir/Madam, Questions related to competition documents:

- 1. Can a legal entity in cooperation with natural persons apply for the competition?
- 2. The permitted area under the building is 30% of the plot, does this percentage also apply to underground garages, since they are exempt from GFA calculations according to the project assignment?
- 3. What is provided as primary and what as reserve energy for heating the hospital?
- 4. Is it insisted that intensive care be part of the surgical block?
- 5. Is it permissible to design the entire pediatric department with only one corridor?
- 6. Given that the department of pediatrics has two organizational units, pediatrics and neonatology, is it necessary to provide for neonatology since there is no mention of the contents and required areas for neonatology?
- 7. If a neonatology department is needed, should it be located near the maternity ward?
- 8. Is the central preparation of technical steam foreseen?
- 9. Is it possible to place part of the mechanical installations in the roof of the hospital? Best Regards!

- 1. It is possible, provided that the team leader is a responsible person in the architectural profession, that is, he must have a license. In addition, the author, or the leader of the author's team, can hire experts from other professions in order to improve the competition solution (it is preferable that the member of the author's team is a graduate engineer in landscape architecture).
- 2. The percentage of 30% under the building does not refer to the basement, which is an underground floor, but it refers to the semi-underground floor, since it is defined by the Rulebook as an above-ground floor.
- 3. As the primary emergent for heating the hospital, heating oil is planned. We emphasize that the heating project is underway, one arm of which would go to the hospital. The first arms to the city heat will be carried out in 2024.
- 4. Intensive care of the surgical block is provided for surgical patients.

- 5. The pediatric department can also be organized in this way, but isolation rooms should be provided in case of need. Infectious patients are hospitalized in the infectious department.
- 6. Within the department of pediatrics, a space with a smaller capacity will be planned for the needs of neonatology.
- 7. The neonatology department for healthy new-borns must be in the gynecology department or in the immediate vicinity of obstetricians.
- 8. This system needs to be planned according to the Competition brief.
- 9. Yes.

Dear Sir or Madam, Our questions:

- 1. Having read the detailed competition brief and because of our experience in designing hospitals for decades, we think that some functions are either missing or lacking in square-meter area. Is there a possibility for extension of the Gross Developed Construction Area?
- 2. What is the annual planned patient turnover?
- 3. What is the headcount of the planned staff?
- 4. What is the parking space requirement for ground level parking?

Yours sincerely, Anonymous

# Answer/

- 1. There is no possibility to expand the parameters given in the competition task and which are prescribed by the planning document.
- 2. Based on the data obtained from the General Hospital Pljevlja in the Year 2022, the occupancy of the bed fund was 3,231 patients, and 25,257 patients were examined in the outpatient department.
- 3. Planned medical staff for the needs of General Hospital Pljevlja/252 medical staff, of which 52 are doctors, 308 total employed medical workers.
- 4. On page 4 of the competition assignment, it is stated: "The required number of parking spaces should be provided within the urban plot, outdoors, in a garage inside or outside the building." For buildings on sloping ground, garages can be built as part of the landscaping of the yard, in the unevenness in front of the building. It is necessary to foresee 30 PM (10-40) per 1000m<sup>2</sup>." So, the prescribed number of parking spaces can be realized partly in the underground garage, partly outdoors, and all in accordance with the functional organization of the hospital facility.

# 81. Question/

Dear Sir/Madam, We refer to the COMPETITION FOR CONCEPTUAL ARCHITECTURAL SOLUTION OF GENERAL HOSPITAL FACILITY IN PLIEVLIA. Questions related to the competition terms of reference are noted below:

- 1. Section 5.1: Please clarify the requirement in this sentence: 'It is necessary to envisage 30 PBs (10-40) per 1000m2' What does the 10-40 in the bracket mean? Are we supposed to provide 30 Parking Bays with within an area of 1000m2?
- 2. As there was no mention of separation of clean and soiled lift, are we assuming the hospital will consider some waste management system?(eg. Pneumatic waste logistics or refuse chute?)
- 3. Is there a specific requirement for the location infectious facility in the Montenegro's National Code? (eg. Any specific safe distance required from the main hospital building?)
- 4. Section 5.4: Along the parking area, planting should be done in openings for seedlings or in green strips in the background of the parking lot at a distance of 2 to 3 parking bays, depending on the type of plant. In the parking areas, provide curtains made of grid elements with grass joints (concrete and grass ratio 30:70) and concrete elements. On green areas next to roads, planting should be done in grass strips 1.5-2m wide or in openings for seedlings on paved surfaces measuring 0.60/0.80m. When forming tree lines in parking lots, one tree should be provided in two parking bays, and in the

- case of longitudinal parking, one tree should be provided in one parking bay. This paragraph is not clear, could you provide a simple intentional sketch/ provide us the Rulebooks or access links as mentioned section 11 for our easy understanding.
- 5. Section 5.3: 70% of the complex is to be occupied by Green areas. Is there specific definition of green areas or could you provide us some national guides/codes on what can be regarded as green areas or how green areas are calculated?

Many thanks! Best

## Answer/

- 1. The specified number of parking spaces can be allocated within the urban plot, outdoors, in a garage within or outside the building, whereby the minimum number of parking spaces per 1000m2 is 10, and the maximum number is 40.
- 2. It is necessary to plan elevators for "clean" and for "dirty".
- 3. The infectious department should be a separate functional unit with a separate entrance, but it should have a good connection with the internal department because one doctor during duty covers both the internal department and the infectious department. Whether it is designed as a separate facility, or as an annex of the main facility, the Infectious Department must have an independent entrance, separated by a landscaping, with a very controlled entrance and all measures of prevention, disinfection, etc. The rooms of this block must be naturally ventilated. Take into account the possibility of easy modular upgrading of this block in the event of a pandemic (extensive space).
- 4. The Law on Spatial Planning and Building Construction as well as the Regulations are available on the website: <a href="https://www.gov.me/clanak/137389-zakonska-regulativa-iz-oblasti-planiranja-prostora">https://www.gov.me/clanak/137389-zakonska-regulativa-iz-oblasti-planiranja-prostora</a>

The jury is not able to provide any sketches or proposals for the conceptual solution of the building or its parts, because the participants of the competition must not be prejudiced by the design method. It is up to the participants of the competition to offer the best solution for the organization of the space, taking into account the fulfilment of the conditions given by the competition task.

5. In chapter 5.4, it is defined that the representativeness of the object can be achieved in combination with small green areas where large tree-lined trees, solitary deciduous and conifer trees, ornamental shrubs, hedges, hedges and lawns with seasonal flowers can be found. When choosing the plant stock, use highly decorative seedlings of different colors and phenophases of flowering, taking care that the minimum height of the seedling is 2.5-3m, and that the minimum circumference of the seedling at a height of 1m is 10-15cm. Part of the prescribed percentage of 70% greenery within the urban plot can be achieved by planning a green roof or vertical greening of the facades, which creates the possibility to solve traffic communications and possibly a smaller part of surface parking on the urban plot. Contest participants have the freedom to, according to their own idea, propose a solution for green areas within the site, which will contribute in the best way to the functional, aesthetic and visual identity of the site, taking into account the prescribed conditions and parameters.

# 82. Question/

Dear organisation team, Please, find another question regarding the competition below.

- 1. In the evaluation criteria there is a point called " Economic criterion Program and market sustainability". What does that exactly include? Does that mean that there should be any estimated economical parameters (e.g. construction costs) and what type, scale and level of detail should the?
- 2. What is the minimum set of items which could be considered sufficient for " Economic criterion Program and market sustainability"?
- 3. What is exactly meant by "Framework assessment of the investment" Looking forward for your answers! Thank you in advance! Kind regards.

## Answer/

1. In chapter 8.1 of the Call for Competition, it is defined that it is necessary to provide a rough estimate of the investment, which means that it is necessary to roughly show what would be the total construction

costs of the facility provided for in the competition decision - construction and craft work with landscaping, without interior equipment.

- 2. It is not necessary to give individual items of certain construction works, but an overall assessment of the investment because it is a solution (concept design), but it is necessary to separate it into three phases: the underground part of the building, the above-ground part of the building and the parterre landscaping. The detailed investment projection will be defined by the main project that is being done after the selection of the first prize solution in the competition.
- 3. See the answer to question (1) above.

#### 83. Question/

Dear organisation team, Please, find all of the questions regarding the competition below. We're highly excited about the competition and your answers would really help to proceed with our design ideas. Questions:

- 1. Did we understood correctly that there are two types of panels: First overall A0 panels (number of pages not limited); Second Exhibition Board (A0 format)
- 2. Would the exhibition A0 board be evaluated by the Jury?
- 3. Would the A3 album with graphic attachments (point 8.1 and 9.2) also be used for evaluation of the design solution?
- 4. Should the whole territory of the hospital be publicly accessible? Or some parts of the territory should be fenced and have no public access? If they are, please, specify those territories.
- 5. In the brief it is said that pitched roof are recommended. What is the reason for this? Is it because of the local aesthetics or any practical considerations? From our experience, flat roofs are more practical, since they could be used for retaining water, snow, green rood and insulation.
- 6. Would the absence of pitched roof influence the evaluation of the project?
- 7. In the drawings we received there are red border which indicates the boundary of area dedicated for construction (Layer "165.Gradjevinska Linija Gl1"). Can this border be adjusted if it will lead to a stronger design solution and response to the context?
- 8. Are timber structures allowed or preferred? How common modern timber construction in the region and are there local manufacturers of CLT and wood structures in Montenegro?
- 9. Can offices. nurses' and doctors' rooms be orientated towards the North (or other directions with small amount of direct sun lights? Which spaces should strictly have an access to direct sun light?
- 10. In points 9.01.5, 0.03.5 and other points of the functional program there are spaces called "Lounges"? Are those lounges dedicated both for staff and patients?
- 11. We couldn't find a Pljevlja city plan with buildings in vector/dwg/dxf/gis formats. Could you provide a sufficient plan of the overall city, which could be helpful for production of the maps and context diagrams.
- 12. Should we use any random five-digit number? Should we create it by ourselves or would it be assigned to our team after the submission?

Looking forward for your answers! Thank you in advance!

- 1. Yes.
- 2. Yes.
- 3. Yes.
- 4. There must be a fence around the entire hospital.
- 5. The sloping roof is given as a recommendation, not as a mandatory item, taking into account the climatic conditions of the location. It is up to the participants of the competition to propose the type of roof that they think is the best for this type of building and explain the reasons for the chosen type of roof.
- 6. No.
- 7. The construction line defined by the planning document must not be changed.
- 8. It is up to the participants of the competition to offer the best type of structure that they consider appropriate for this type of object.

- 9. It is up to the participants of the competition to offer the best spatial organization in relation to the context of the location and climatic conditions. The jury is not able to suggest concrete solutions to the participants, because the architects should set the concept of the conceptual design of the object in accordance with the rules of the profession, taking care to fulfil the conditions given by the Competition Brief.
- 10. The listed premises refer to medical staff, and smaller dining rooms for patients can be designed in wards with mobile patients.
- 11. An integral part of this announcement is the requested cadastral plan of the city center in dwg format. On the website: <a href="https://geoportal.co.me/Geoportal01/">https://geoportal.co.me/Geoportal01/</a> you can find the entire territory of the state of Montenegro.
- 12. Participants of the contest create their own work code consisting of 5 numbers of any numbers.

Greetings from Panama.

This are our questions:

- 1. The code selected by the author have a maximum or minimum total of characters? Five is the max or the min.? It has to be only numbers?
- 2. The name of the folder for the application will be Folder 01, Folder 02 and Folder 03? Or we have to name it Folder 01-Text Data, Folder 02-Graphic Data, Folder 03-Authors Data?
- 3. For the Graphical attachments, it says that the number of pages A0 is not limited. But then it says that for the exhibition we have to submit one panel A0 size. This one is like a summary of the other panels? Can you explain this?
- 4. When you said "In the upper left corner of each sheet, indicate the solution code" it means the Authors code?

#### Answer/

- 1. The code must consist of exactly 5 digits.
- 2. Folders should be named: Folder 1, Folder 2 and Folder 3.
- 3. In chapter 9.2 of the Call for competition, it is defined that for the purposes of organizing the exhibition, it is necessary to submit one panel of AO size, on which the author can display the content he chooses from the competition work, with characteristic representations of the objects (graphic drawing (base, section, etc.), rendering, sketch, diagram at the choice of the competition participant) that will best illustrate his character. Adjust the scale to the panel.
- 4. Yes.

#### 85. Question/

- 1. In the competition documentation, it is described that: "The recommended roof is sloping, preferably with a greater slope. Roofs can be two-gable, four-gable or complex...", does this mean that single-gable roofs are not allowed?
- 2. Can the access ramp for entry-exit to the underground levels parking lot, be positioned outside the construction line, but within the framework of the urban plot?
- 3. Given that the underground construction line is not shown, can the basement levels of the parking lot extend over the entire site to the border of the urban plot?
- 4. Are the suggested facility areas in the tables for individual rooms the minimum for those rooms or is there an optimum that the competition participants should strictly respect. Are deviations from these proposals allowed in order to meet the conditions for the functioning of some of the rooms?

- 1. The sloping roof is given as a recommendation, not as a mandatory item, taking into account the climatic conditions of the location. It is up to the participants of the competition to propose the type of roof that they think is the best for this type of building and explain the reasons for the chosen type of roof.
- 2. Yes.
- 3. Basement floors can be designed outside the dimensions of the above-ground part of the building, which is defined by the construction line, at a distance of at least 3m from the border of the urban plot.
- 4. The proposed facility areas within the building are minimum, it is up to the participants of the competition to offer the best solution for the organization of the space, taking into account the fulfilment of the conditions given by the Competition Brief regarding the gross maximum area of the building (GFA).

Dear Supervisors of Competition, I want to know how can I Submit in the Competition Form And when is the dead time for submission.

#### Answer/

In chapter 9.4 Method of submission of the solutions within the Call for Competition, it is defined that the competition solution is submitted via email to the address: info@architecturalcompetitions.me no later than 23:59 (UTC+1) Friday, April 14, 2023. All other information can be found in the Call for Competition.

#### 87. Question/

Heliport is not included in the program. A modern hospital cannot be without a heliport, and it is mentioned: "to have good access to helicopters". Can the program be extended with a heliport on the roof? If yes then for which category of helicopters?

# Answer/

The heliport is not foreseen in the competition task, the competition participants are left free to design additional contents in order to improve the contents of the hospital within the parameters set by the competition task and the planning document.

# 88. Question/

Drones have a growing role in the urgent transportation of medical materials (drugs, blood, instruments, parts, etc.). Can the program be extended with drone pads?

# Answer/

It is not possible to plan areas for the landing of drones because they are not provided for by normative solutions.

# 89. Question/

Regarding the floor height measurement, Is it measured from floor to floor? or is it the clear height of the floor?

# Answer/

Floor height is measured from floor to floor.

Hello, In relation to the competition for Conceptual Architectural solution for general hospital in Plevlya, we have few questions as follows:

- 1. What kind of requirements would be needed for a bulgarian architect apart from the full architectural design license?
- 2. What kind of documents would be needed to be shown?
- 3. Where to find and use the medical norms for the architectural design of health institutions that are used and applied in Montenegro?
- 4. Are they the same as in Yugoslavia?
- 5. Any other architectural norms applied in Montenegro that we should take in consideration?
- 6. Can we use the medical norms for health institutions used in Bulgaria?
- 7. What kind of file is the "Bolnica\_Pljevlja\_Mali\_Logor\_rcs" how exactly to be unzipped to be used? Thanks in advance

#### Answer/

- 1. The only requirement is that the team leader must be a licensed architect.
- 2. The architect's license must be submitted in digital format, scanned in the author's data folder.
- 3. The Rulebook is available on the website: https://www.gov.me/dokumenta/ebc5d323-a466-48ab-aaec-737c32961f4a
- 4. Use the above rulebook.
- 5. The Law on Spatial Planning and Building Construction as well as the Regulations are available on the website: https://www.gov.me/clanak/137389-zakonska-regulativa-iz-oblasti-planiranja-prostora
- 6. Use the above regulations.
- 7. It is a Point cloud model that can be opened in any of the design programs (AutoCAD, Revit, ArchiCAD, etc.)

#### 91. Question/

- 1. Should any of existing buildings in competition area be protected? What are their functions? Can we remove some of them, can you specify?
- 2. Can the road inside the competition area be redesigned, changed, or cancelled?
- 3. The total area of spaces in the title of "SPATIAL FACILITIES AND CAPACITIES" is 7587 m<sup>2</sup>, meanwhile the total BRGP of the building is approx. 11,500.00m2. Is the difference between them leave for circulation areas.
- 4. Is there any %10 flexibility about BRGP (Under or over)
- 5. Can the spaces that do not need sunlight be arranged in basement floor? If so, should they also be included in the total BRGP? (the is a confusion about this sentence: "whereby the underground floors, which can be single-story or multi-story, are not included in the calculation of the BRGP")

- 1. Look at the answer to question number 15.
- 2. The existing road located within the urban plot should not be considered relevant, the access roads to the location are defined by the planning document, while the participants of the competition are free to solve the traffic solution within the urban plot according to their own concept.
- 3. The total area of hospital facilities of 7587m2 refers to the net area of individual rooms and does not include communications, corridors, elevators, halls, etc. that must be provided within the facility. The area of 11,500.00m2 is recommended and refers to the total gross developed construction area of the building, which represents the sum of the areas of all above-ground floors of the building, measured at the floor level and includes the external measurements of the perimeter walls (with cladding, parapets and fences). The maximum gross floor area of the building is 13,851.00m2.
- 4. No, the defined GFA of the building of 13,851.00m<sup>2</sup> must not be exceeded.
- 5. Rooms that do not require sunlight can be provided in the basement. The areas that are foreseen in the basement and semi-underground floor and which are used to ensure the capacity of stationary traffic, service spaces necessary for the functioning of the underground garage and technical systems of the facilities, are not calculated in the GFA of the facility.
- 92. Question/

- 1. Can be designed the Maternity-obstetric unit in LDR or LDRP system? (mothers stay in the same well-equipped room from labor to post-partum phase with father together)
- 2. What is the intended average of in-patient stay?
- 3. The brief mentions by the UTC connection to the "burns centre", which has very special requirements, beyond ICU services. In the table of inpatient units it it is not visible. Shall be designed a "burns unit"? If yes with how many beds?
- 4. Will UTC take on children too?
- 5. Shall be calculated a reserved area for MRI unit in prospect?
- 6. Does the "RÖ for scopy" imaging service include DSA interventions too? (Digital Substraction Angiography). In this case the program needs to be extended by some extra rooms, but it's services will provide solution for cardiac and any other vascular cases on the spot.
- 7. Can central laboratory be designed in two parts: 1. specimen+blood collection and 2. automatised testing+work area? Separated locations, connected by automatic transportation system?
- 8. Is ICU for general medical care or provides mainly post-op care? E.g.: does ICU take stroke patients? Or intoxicated cases? Burns? Children (with 1 parent)? Infectious patients (COVID!)?
- 9. In Operation block table is not mentioned PACU room (Post-Anesthetic Care Unit). How is planned to solve it? 5 ICU beds have insufficient capacity for it.
- 10. With how many operations a year can be calculated in the future?
- 11. Is it not planned one/same day surgery service?
- 12. Shall we calculate in out-patient clinical surgeries with an assistant nurse beyond the the doctor?
- 13. Are the single use sterile materials under the control of Central Sterilisation Unit? 8 m2 seems to be underestimated to store them.
- 14. How many portions should produce the central kitchen?
- 15. What is the intended system of food catering? (Eg. cook and chill?)
- 16. How is planned the disinfection of beds and mattresses? Centralised?
- 17. How is planned the cleaning and disinfection of transport containers and trolleys?
- 18. Beyond Histopathology is not planned any other pathological service in the hospital? (autopsy, forensic diagnostic)?
- 19. Can be designed out-door O2 tank?
- 20. Can the number of parking spots be reduced according to the range 10-40/1000m2 you provided? Is this 1000m2 gross or net area?

- 1. All maternity units in Montenegro are planned to be Baby Friendly. In maternity units, the presence of the father during childbirth will be enabled, as well as the visit of the mother and baby during the stay.
- 2. The expected average stay of the patient in the hospital is 7 days.
- 3. There is no special ward for patients with severe burns. They are transported to a tertiary institution.
- 4. Yes.
- 5. Within the dimensions of the new hospital, it is necessary to plan the space for magnetic resonance.
- 6. No angiography room is planned.
- 7. The laboratory can be organized in the above way, that is, divided into two sectors. It would be convenient for the sectors to be at the same level due to the rational use of resources (medical staff), and next to each other due to the number of staff (if rooms 1 and 2 are physically distant in the afternoon and at night, it wouldn't be convenient for one employee to receive samples and extract of blood, and another employee to do all the analyses because two employees work in shifts. Now it works so that the reception of samples and part of the analysis is done by one laboratory technician, and the other larger part of the analysis is done by another laboratory technician.
- 8. The intensive care unit is planned as part of the surgical block for surgical patients. Neurology is planned to have its own intensive care unit for postoperative patients and neurological patients. As part of the internal department, a metabolic and coronary intensive care unit is planned.
- The planned 4 units of intensive care are sufficient for the reception of postoperative patients who
  require intensive supervision. Patients in good general condition go directly to the ward
  postoperatively.

- 10. It is planned to perform 700 operations on an annual level, including caesarean sections.
- 11. Patients operated laparoscopically are discharged the next day.
- 12. Yes, in out-patient interventions, the presence of a nurse-assistant is implied, beyond the doctor.
- 13. Yes, sterile materials for single use are under the control of the central sterilization unit for which a total area of 210 m<sup>2</sup> is planned, which is quite sufficient for all needs. 8m2, which is intended for the storage of materials for one-time use, is sufficient for the intended purpose.
- 14. The central kitchen produces portions in relation to the occupancy of the hospital at a given moment, and the maximum is as provided for in the bed fund, in accordance with the pathology of the patient's disease. The intended area of the kitchen is sufficient to serve the planned total capacity of the hospital.
- 15. Food preparation is carried out in accordance with the pathology of the patient.
- 16. It is not planned centralised, but disinfection of beds and mattresses is carried out by departments as needed.
- 17. Disinfection of transport containers and trolleys is carried out according to valid protocols or internal protocols prepared in cooperation with the Institute of Public Health.
- 18. It is not planned, because autopsies and forensics will be performed at the Institute of Pathology and the Institute of Forensic Medicine.
- 19. Yes. An oxygen tank (liquid oxygen) is needed due to the capacity of the hospital, and due to the risk of fire, it should be stationed outside the hospital premises.
- 20. The specified number of parking spaces can be allocated within the urban plot, outdoors, in a garage within or outside the building, whereby the minimum number of parking spaces per 1000m² is 10, and the maximum number is 40.

QUESTION - It is possible to expand the 3 access roads to the new hospital. Knowing that sooner or later urban growth will demand vehicular growth and urban transport.

# Answer/

Roads outside the urban plot where the hospital is being built, are planned by the planning document and their expansion is not possible, nor is it the subject of this competition.

# 94. Question/

I have a few questions regarding the Competition for the preliminary architectural design of the building of the general hospital in Pljevlja:

- 1. It is stated that 30 parking spaces per 1000m2 were requested. Does this mean that in relation to the recommended gross area of 11500m2, 345 parking spaces are expected?
- 2. Do the working rooms in the inpatient section necessarily have to be opposite the rooms with patients, or is it possible for them to be nearby, but arranged in a different way? Thanks in advance! Sincerely, Milan Karaklić

# Answer/

- 1. The specified number of parking spaces can be allocated within the urban plot, outdoors, in a garage within or outside the building, whereby the minimum number of parking spaces per  $1000m^2$  is 10, and the maximum number is 40.
- 2. Work rooms in the inpatient area do not have to be opposite the patient rooms.

- 1. Are there PATIENT DINING ROOMS in inpatient facilities?
- 2. Is there a DAY STAY provided for patients or medical staff in inpatient hospitals?
- 3. Is an ARCHED (BARREL) ROOF allowed on the main hospital building?

4. What type of energy fuel is used in the BOILER PLANT? Sincerely,  $\ensuremath{\mathsf{D.B.}}$ 

- 1. A lounge of 16 m2 is planned in each department, and can also be used for the purpose of a dining room.
- 2. A lounge of 16 m2 is planned for patients.
- 3. No.
- 4. Heating oil is planned with the heating of the city that is already underway.