

## CONSORZIO ZONA INDUSTRIALE E PORTO FLUVIALE DI PADOVA

*This translations is devoid of technical-legal value.  
The only language of this Planning Competition is Italian.*

### **International Planning Competition "Research Tower in the industrial area in Padua"**

#### **SPECIFICATIONS OF THE COMPETITION**

Consorzio Zona Industriale e Porto Fluviale di Padova (Union Industrial Area and River Port of Padua – from now on just named ZIP) announces a planning competition for the "Research Tower in the industrial area in Padua" and the planivolumetrical framing within the area placed at disposal. The competition will occur according to a restricted procedure with a single stage applicant's preselection.

#### **1 - DEFINITIONS AND KIND OF COMPETITION**

##### **1.1 Planning**

The planning guidelines are to be found on the DDP (Preliminary Document of the Planning) which will be given to the candidates concomitantly with the beginning of phase as specified in point n. 4.

##### **1.2 Value of the structure**

The maximal total value of the work is € 85.000.000,00= according to the estimate of the costs stated on the DDP.

##### **1.3 Kind of competition**

The applicants have to work out a **preliminary plan** of the structures to be built under the provisions of the art. 93, par. 3 of the legislative decree n. 163/06 and rules of r. l. n. 27/2003, according to prescriptions of Title IV, paragraph III of President of Republic decree n. 554/99.

The competition is regulated by art. N. 99 and 105 of the legislative decree n. 163/06. The official language is Italian.

The person in charge of the competition is Eng. Alberto Danieli.

##### **1.4 Participation and advertising**

The competition is open to all people specified in art. n. 90, par. 1, let. d), e), f), g), and h) of the legislative decree n. 163/06 and subsequent amendments and integrations, in particular art. n. 51, 53 and 54 of d.P.R. n. 554/99.

Apart from the juridical nature of the applicant, the planning must be done by persons that at the moment of the application belong to their respective professional roll or anyway are entitled to practise according to the provisions in force in the country they come from.

Within the groups of candidates (art. 90, p.1, let. g), legislative decree n. 163/06) there must be one professional entitled to practise since not more than five years (it does not have to be a member of the group), as specified in art. 51, par. 5 of d.P.R. n. 554/99, penalty the expulsion from the competition.

The applicants are forbidden to participate to this competition taking part in more than one group, alias to participate both as a single person and as a member of a group.

The breach of the above-mentioned points will entail the expulsion from the competition.

The pools, as specified in art. 90, par.1, let h) legislative decree n. 163/06, must state for which concern they stand in. It is forbidden to participate both as a pool and as a single concern.

During the planning, the applicants can have recourse to different professional figures. The names of these consultants must appear in the application form and indicated together with the group of professional figures that will take part in the planning, as specified below.

Consultants are anyway to be considered as third party as to the applicant.

The same consultant can not give his/her services to more than one candidate. All candidates who indicate the same consultant will be excluded from the competition.

The competition is a restricted one and is articulated in one single stage with a preselection as specified below:

- **Preselection: in a public way.** It is open to all persons stated in this paragraph and take place according to the provisions specified in the following paragraph n. 3.
- **One sole competition phase: in anonymous way.** It is reserved to the 10 applicants that get through the preselection and takes place according to the provisions specified in the following paragraph n. 4.

### **1.5 Secretariat of the competition**

A special organizational Secretariat will hold the relations with the candidates, transmit the documentation of the competition, receive the material and give information. Its e-mail address is [concorsotorrericerca@zip.padova.it](mailto:concorsotorrericerca@zip.padova.it)

### **1.6 Informative material**

The informative material helpful for taking part to the competition can be downloaded from the website [www.zip.padova.it](http://www.zip.padova.it)

Applicants admitted to the competition phase will be given a CD-ROM with all necessary documentation for the planning drawing up.

### **1.7 Jury**

Jury is the same, both during the preselection and the competition phase.

The coordinator of the Secretariat of the competition takes part to the activity of the Jury as a recording secretary, without right to assess. The secretary will write a record of the activity of the Jury which will be held by the Consorzio ZIP.

Members of the Jury are international experts in the field and will be elected after the deadline for the submission of the application forms, according to the law.

### **1.8 Technical Committee**

In choosing the ten persons that pass the preselection and in the preliminary examination of the projects in the competition phase, Jury will be assisted by a Technical Committee that will write a record of the activity done during the meetings and will forward it to the Jury.

All material and the record of the activity done will be given to the Jury that will decide on every point stated on the record itself.

### **1.9 Incompatibility conditions and requisites for admission**

### A – Incompatibility conditions

People that can not take part to the competition neither as candidate nor as consultant are:

Effective or temporary members of the Jury, their wife or husband, relatives till the third degree of relationship included;

Members of the Technical Committee and of the Secretariat of the Competition;

Employees and collaborators of those in the previous points;

Employees and permanent collaborators of Consorzio ZIP;

Those people for whom following expulsion conditions are valid at the moment of the application: art. 45, par. 1, EU directive 2004/18, art. 51 d.P.R. n. 554/99 and others according to the laws in force (art. 10 l. n. 575/1965 replaced by art. 3 l. n. 55/90 regarding antimafia; art. 9 legislative decree n. 231/01 for what the liability of juridical persons concerns; art. 1, par 2, legislative decree n. 210/02 replaced by l. n. 266/02).

### B – The requirements for admission

The candidates must have the economic financial and technical organisational requirements as specified in the **enclosure n. 5**.

Competing business firms (that are professional and engineering concerns and pools) must also be registered in the roll of C.C.I.A.A - Chamber of Commerce, Industry, Crafts and Agriculture (foreign firms must be registered in the professional roll of the country they come from) for an activity branch consistent with the competition subject. Single applicants must belong to the respective professional roll or anyway be entitled to practise according to the provisions in force in the country they come from. For what the Consultants concerns following requirements are asked: if they are concerns they must be registered in the roll of C.C.I.A.A or in the professional roll of the country they come from if they are foreign firms; if they are persons they must belong to the respective professional roll or anyway be entitled to practise according to the provisions in force in the country they come from.

## **2 - APPLICATION**

### **2.1 Application for the competition**

The registration to the competition occurs when all documents for the preselection has been sent (as stated in the following paragraph 3.1).

### **2.2 Questions**

Applicants can ask questions to Secretariat of Competition only using the e-mail address given in the previous paragraph 1.5 till 10 days before the deadline for the hand over of application forms for what the preselection concerns and till 20 days before the deadline for the hand over of documents stated in following paragraph 4.4, for what the competition phase concerns. All questions received during the preselection phase and their answers will be put on line on the web site [www.zip.padova.it](http://www.zip.padova.it)

All questions received during the competition phase and their answers will be sent via e-mail to the selected candidates.

## **3 – PRESELECTION**

### **3.1 Ways of participation**

The participation to the preselection of the competition takes place in a public way.

To take part to the preselection of the competition the below listed documents in paper format and on not-rewritable CD-ROM in PDF format must be handed over within the deadline as stated in the following paragraph 3.2:

**1° Dossier** (A4 format) entitled **“ADMINISTRATIVE DOCUMENTS”** consisting of:

a) **APPLICATION FORM** with revenue stamp, signed and written following the **enclosure n. 1.**

If the application form is made by professionals associated according to law of 23.11.1939 n. 1815 (art. n. 90, par. 1, let “d”, legislative decree n. 163/06) it must be signed either by the professional with representative powers or by all associated professionals together.

If the application form is made by professional and engineering concerns and pools (art. 90, par 1, let “e”, “f”, “h”, legislative decree n. 163/06) it must be signed by the legal representative or the proxy of the concern.

If the application form is made by a temporary group that has not been formally constituted through a notarial deed yet (art. 90, par 1, let “g”, legislative decree n. 163/06), it must be written following the **enclosure n. 2** and signed by all members of the group; if the temporary group has already been formally constituted through a notarial deed (art. 90, par 1, let “g”, legislative decree n. 163/06), the application form must be written following the **enclosure n. 3**: in this case only the signature of the member chosen as group leader is needed.

b) **For temporary groups already formally constituted through a notarial deed according art. 90, par 1, let “g”, legislative decree n. 163/06**

**IRREVOCABLE SPECIAL MANDATE** for representation given to the group leader through a public act or private authenticated act.

c) **For each single candidate (single professional, associated professionals according to law of 23.11.1939, n. 1815, professional and engineering concerns and pools), for each member of a temporary group both already or not yet formally constituted, for the concern chosen by the pool and for each consultant**

**SUBSTITUTE STATEMENT** according to d.P.R. 445/2000 and amended by art. n. 9, par.1, legislative decree n. 10/02 written following **enclosure n. 4**, together with a photocopy of the signer’s identity document (art. 38, par. 3 d.P.R. n. 445/2000).

If the statement is made by professionals associated according law of 23.11.1939 n. 1815 (art. n. 90, par. 1, let “d”, legislative decree n. 163/06) it must be given back and signed either by the professional with representative powers or by all associated professionals together.

If the statement is made by professional and engineering concerns and pools (art. 90, par 1, let “e”, “f”, “h”, legislative decree n. 163/06) it must be given back and signed by the legal representative or the proxy of the concern.

We point out that if the statement is made by a temporary group (both the ones that has not been formally constituted through a notarial deed yet and the ones that has already been formally constituted) according to art. 90, par 1, let “g”, legislative decree n. 163/06, it must be given back and signed by all members of the group.

If the declaration is made by pools, it must be given back and signed both by the pool and by the concern it stands in. The declaration must be given back and signed also by each consultant indicated as member of the professionals’ group that will take part in the planning.

It is clear that the enclosures to this competition specification **are an integral and fundamental part of the specification itself.** If the application form and the above

indicated statements are written without following the enclosures, which can also be downloaded from the website [www.zip.padova.it](http://www.zip.padova.it), the documents must anyway include what is foreseen in those enclosures.

**2° Dossier** (A4 format) entitled **“PRESENTATION OF PROFESSIONALS”** (group of professionals that will participate in the planning) consisting of:

- 1) Cover with candidate's name or group leader's name if it is a group;
- 2) Maximum 4 pages where the professionals taking part in the planning are introduced.

In particular, following professionals must be indicated:

Architect or Engineer coordinator of the architectural planning

Expert on structures and foundations planning

Expert on plants planning, especially energy-saving plants

Expert on safety and fire-fighting

Expert on property and facility management of big real estates and multi-storey buildings

- 3) Maximum 15 pages with these experts' professional and scientific curricula vitae
- 4) Maximum 20 pages that include drawings, images and texts about the most representative works, planned and realized, in candidate's opinion with particular reference to competition subject. Following information must be given:

A brief project or work description, explaining the aims and type of intervention (punctual, urban integration, etc.) and what has been carried out by the applicant (if the work has been carried out by a group, the part made by the applicant must be shown);

Quantitative details about volume, surface and cost of the work;

Buyer;

Date of beginning and end of work if it is finished or percentage of progress of work if it has not been finished yet;

Role played by the candidate in the work planning.

These documents can be freely written by the candidate but quantitative and dimensional limits must be respected, even in case of associated participation, no matter the number of members and keeping in mind that in these records elements for the assessment – see point n. 3.3 - are to be found. More records than the ones required will not be taken into consideration.

### **3.2 Deadline for the hand over of documents**

1° Dossier entitled “ADMINISTRATIVE DOCUMENTS” must be put into an envelope marked with letter “A”.

2° Dossier entitled “PRESENTATION OF PROFESSIONALS” both the paper format and its CD-ROM must be put into an envelope marked with letter “B”.

The envelope marked with letter “A” and the envelope marked with letter “B” must be sealed and in turn put into another sealed and initialled envelope on which there will be the sender's address and the writing: Competition “Research Tower in the Industrial area in Padua”. The envelope is to be sent to Registry Office of Consorzio ZIP, Galleria Spagna, n. 35, 35127, Padua, Italy.

The envelope can also be handed considering the following timetable: Monday to Thursday from 9 am to 2 pm and from 3 pm to 6 pm, Friday from 9 am to 2 pm. Last deadline: by 12 am of **July, 10<sup>th</sup> 2007.**

The breach of the above-mentioned points will entail the expulsion from the competition. It is sender risk only to send the envelope the very last days.

### **3.3 Activities of Technical Committee and Jury during the preselection phase**

Within 60 days following the deadline of submission of application forms, Jury and Technical Committee together will select the 10 applicants that will get through the competition phase.

Technical Committee will verify the regular submission of all envelopes and will open the ones regularly received. Then it will open envelopes marked with letter A and will examine the 1° Dossier "ADMINISTRATIVE DOCUMENTS". At the end of this procedure, Technical Committee will transmit the record to Jury.

Jury first of all will verify the activity made by the Technical Committee and then according to its record will admit or not the candidates. After that, Jury will open envelopes marked with letter "B" and assess the 2° Dossier "PRESENTATION OF PROFESSIONALS", thus selecting the candidates who will be admitted to the competition phase.

In selecting the candidates, Jury will consider following elements and points:

curricula vitae of persons involved in the planning activity (up to 60 points), divided as follows: architectural planner (25), plants planner and safety and fire-fighting expert (10), structures and foundations planner (20), expert on property and facility management (5);

Planned and realized works similar to this Competition subject (architectural quality, work and projects value) (up to 40 points), divided as follows: similarity from the economic, technical, physical and functional point of view to the Competition subject (5), architectural quality (25), technical quality (5), total economic value (5).

To write the candidates' results, Jury will use enclosure C of d.P.R. n. 554/99.

In the record of the Jury's activity it will be shown the method followed and the assessment procedure. At the end of assessment, Jury will draw up a list of the candidates selected for the competition phase.

### **3.4 Results of the preselection**

The 10 selected applicants will be sent out the invitation to the competition phase.

## **4 – COMPETITION PHASE**

### **4.1 Ways of participation**

Participation takes place in an anonymous way.

Substitutions and integrations of applicant or consultants that will take part in planning are not allowed.

Candidates can ask questions according to what is stated in paragraph n. 2.2.

### **4.2 Given documents**

Competition Secretariat will send out an invitation and a CD-ROM with following contents to the selected applicants:

1. Notice and specifications of Competition (PDF);
2. aerophotogrammetric cartography of the area, scale 1:2000;
3. Urban regulations. Town-planning regulations of the involved area, scale 1:2000 – 1:5000;
4. Urban regulations, Implementation rules of the town-planning regulations;
5. Cadastral cartography, scale 1:1000;
6. Basic information about the geologic layout of the involved area;
7. Photographic documents;
8. Topographical and planialtimetrical map of the involved area;
9. Preliminary Document of the Planning (DDP);
10. Documents regarding neighbouring areas.

Forwarding will be made at ZIP expenses; ZIP is not to be held responsible in case of delay, misdelivery or undelivered mail.

### 4.3 Requested papers and draftings

Following papers and draftings are requested: maps, written account, plastic model, video representation and CD-ROM in sealed envelope.

#### **A) Maps:**

1. General planimetry, where entrances, outside environment and main point must be specified (scale 1:500);
2. Maps, prospects and building sections (scale 1:200);
3. Functional schema of the distributing system;
4. Structural details useful to understand the technical and planting choice (free scale)
5. Planivolumetries, perspectives, assonometries and other representations useful to show the project solutions;
6. Planivolumetries of the project connected with the environment and buildings of the involved area.

These six maps must be fixed on light unbending panels, such as "forex" or "polyplatte" 10 mm thick, A0 format (1188 x 841mm).

Maps must be done using the decimal metric system and a graphic metric reference must be provided.

Maps must be readable from their longest side and, as long as they contain the requested information, they can be drawn freely.

Moreover, maps need to be reduced in A3 format (420 x 297mm) and handed over in three not bended copies, which will be kept anyway by Consorzio ZIP.

#### **B) Written account:**

The written account must consist of not more than 30 pages (five copies) included cover, in A3 format (420 x 297 mm), horizontal and divide into following heads:

1. General account of the work, with reference to the Preliminary Document of the Planning;
2. Technical report in which the suggested solutions according to requirements set in the Preliminary Document of the Planning are underlined and explained with reference to following angles:
  - energetic saving, maintenance and conduct with solutions that foresee the use of renewable sources of energy;
  - fire prevention;
  - air processing system;
  - lighting system;
3. Report on structural, static and geotechnical features;
4. Description of every feature of the structure and its purposes;
5. Analysis aimed to verify the feasibility of the project considering the environmental point of view;
6. Assessment of geologic and idrogeologic features;
7. Information about Safety Measures;
8. Rough estimate of realization costs and realization time for both the implementation phase , as it is foreseen in the Preliminary Document of the

- Planning, and type of works (building works, fixtures, furniture, technical equipments, etc.);
9. Information about maintenance and conduct plans, specifying materials and technologies used;
  10. Organization chart of candidate's team (everybody's roles and jobs, operational method) foreseen in order to carry out the project.

**C) Plastic model** scale 1:200 not larger than an A0 format (1188 x 841 mm). Plastic will be kept by Consorzio ZIP.

**D) Virtual video representation** not longer than 3 minutes both on CD-ROM "ISO 9660" and on video "AVI". A copy of it will be kept by Consorzio ZIP.

**E) Not rewritable CD-ROM** containing:

1. the 7 maps (paragraph "A") in the original and in PDF format,
2. 5 different views of the plastic model (paragraph "C")
3. 5 images from the video representation (paragraph "D") in "tiff" and "jpg" format, high and low definition;
4. the written account (paragraph "B") in PDF format;

This CD-ROM will be kept by Consorzio ZIP.

**F)** A sealed, non-transparent and initialled on the closing lips envelope containing the candidate's name.

The project must be marked with an alphanumeric code, made up by 7 figures, which must be written on each part of the work (maps, written account, plastic model, video representation, CD-ROM) and on the sealed envelope containing the candidate's name. Additional or different works will not be accepted.

If the paper format is different from the CD-ROM, Jury will assess only the paper format. All works, CD-ROM included, must be anonymous. It is therefore forbidden to write any kind of identifiable sign or symbol, a part from the above mentioned alphanumeric code made up by 7 figures.

**ATTENTION:** in opening the files of the above mentioned CD-ROMs, the candidate's personal details must not be recognizable. Candidates must therefore be careful to avoid such circumstances that would infringe the law about anonymity. The candidates who will not remain anonymous will be excluded from the competition.

#### **4.4 Method and dead line for submission**

The envelope with the competition documents must be sent to the Registry Office of Consorzio ZIP, galleria Spagna, n. 35, 35127, Padua, Italy. It can also be handed in according to timetable specified in paragraph 3.2.

Last deadline: 12.00 am of the 120° day starting from the date on the invitation.

It is sender risk only to hand over the envelope the very last days.

Only the stamp made by the Registry Office will be considered valid.

The envelope must be anonymous, sealed and outside there must be only the writing "INTERNATIONAL PLANNING COMPETITION RESEARCH TOWER IN THE INDUSTRIAL AREA IN PADUA".

Forwarding charges of all documents for the competition, included the possibly assurance, are exclusively at candidate's expenses. Envelopes sent as freepost will not be accepted by ZIP. In order to guarantee that the envelope remain anonymous, it must be put into another envelope, which will be thrown away by the Registry Office.



This is to prevent Jury from seeing the postmark of the sending postal office. The breach of the above-mentioned points will entail the expulsion from the competition.

#### **4.5 Jury activity**

**Preliminary project examination** – The Jury activity is preceded by a public sitting of the Technical Committee, date and place of which will be written on the invitation. The Technical Committee will check that all envelopes are regular and intact, then will open them and examine if the content corresponds to the requirements mentioned above. All documents and the record about what has been done during the sitting will be passed over to the Jury that will decide on every point stated on the record itself. Every decision regarding the assessment will be taken only by the Competition Jury.

The Jury will assess all project proposals according to following criteria:

- 1) Quality of the architectural solution: representativeness of the construction, correspondence to purposes and equipment demanded on the Preliminary Document of the Planning, quality and approximate arrangement of spaces, technique for realizing the building and for technical and technological fixtures (up to 45 points), divided as follows: representativeness (15), static features (10), correspondence to purposes and equipment (9), arrangement of spaces (6), realization technique (5);
  - 2) Quality of fitting in with the urban framework: general layout of the project with respect to existing and planned urban framework, suggestions for the road network, entrances and open spaces organization (up to 10 points) divided as follows: urban framework (3), road network (3), open spaces (4);
  - 3) Flexibility of indoor spaces (up to 15 points) divided as follows: architectural features (7), technological and managerial features (8);
  - 4) Use of innovative elements and suggestions for a low environmental impact (energetic costs, pollution...) as well as for the control of maintenance and managerial costs (up to 20 points) divided as follows: Innovation in building materials (7), innovation in energy supply system and facilities (7), innovation valuation with respect to the maintenance and managerial costs (6);
  - 5) Analysis of single phases of project realization, evaluating time and costs (up to 10 points) divided as follows: time (3), costs (7).
- (Top score: 100 points)

To write the candidates' final results, Jury will use enclosure C of d.P.R. n. 554/99. The record of the activity of the Jury will show which method and procedure has been used to assess.

At the end of the assessment, Jury will write a list with all project proposals and their total score. After that sealed envelopes containing the candidate's name will be opened, as stated in the previous paragraph 4.3, matching the candidate's names to their projects. A record of all activities of the Jury will be written and signed by all members of the Jury itself and from the secretary that wrote the record.

At the end, the President of the Jury will leave the record, the list and all Competition proceedings in the Secretariat of the Competition. The ones who apply in writing can obtain a copy of the record of the Jury activity.

The decision of the Jury is binding for the Consorzio Management.

#### **4.6 Competition results**

The activity of the Jury will end within 60 days from the deadline for submission of the projects.

Within 15 days from the end of the activity of the Jury, Consorzio ZIP will inform the winner and other applicants of the competition results.

Results will be published both in the way provided for by law and also on the website of Consorzio ZIP.

## **5 – PRIZES, TASKS AND FINAL RULES**

### **5.1 Prizes and reimbursement of expenses**

The Competition winner will be given a prize of € 100.000,00 (vat and charges included). Each of the selected candidates who hand over the project according to the methods foreseen in paragraph 4.3 will be given the amount of € 25.000,00 (vat and charges included) as a reimbursement.

### **5.2 Tasks and sequel of planning**

Consorzio ZIP can ask changes and integrations to be done on the winner project. As the execution of the works will be let out on contract, Consorzio ZIP reserves the faculty to entrust the Competition winner, through private negotiations, with the definitive planning, the supervision of the work and the coordination of the safety measures during the execution of the works and may as well change the place where the building will be built and also its cubature, negotiating with the winner different contractual terms that might arise. If the winner will be entrusted, the prize awarded will be considered as a prepayment on the total fee due. The fee will be calculated according to Italian profession fees for architects and engineers with a 40% deduction, as better clarified on **enclosure n. 5.**

### **5.3 Ownership of papers and drafting**

Awarding the prize, Consorzio ZIP buys the winner project. All other projects remain their authors' property. In any case Consorzio ZIP is allowed to display all submitted projects, publish them or let them be published with a cultural aim without bearing any expenses and authors claiming anything for it.

### **5.4 Show, publishing and projects collection**

Consorzio ZIP commits itself to show the projects of the Competition to public through a show and a publishing. The Secretariat will keep papers and drifting of the projects for 120 days after the winner proclamation. Within this period applicants must collect their works, after that the Secretariat can no longer be held responsible for them.

### **5.5 Obligations of candidates and final rules**

Participation to this Competition implies that all candidates must accept without reserve all rules of these specifications. Candidates are not allowed to publish their projects before the Jury has assessed them and published the evaluation.

### **5.6 Approximate timing of the Competition course**

Preselection: deadline for submitting the application forms is 10.07.2007

Jury activity, candidate selection: within 60 days after the deadline for submitting the application forms

Results announcement and invitation: within 15 days after works are finished

Questions: until 20 days before the deadline for handing over papers and drafting for the competition phase  
Paper and drafting handing over: 120 days after the invitation  
Jury activity and winner proclamation: within 60 days after the handing over papers and drafting  
Results announcement: within 15 days after the Jury finishing the works.

## **ENCLOSURES**

- 1) Application form for single applicant;
- 2) Application form for temporary groups that have not been formally constituted through a notarial deed yet;
- 3) Application form for temporary groups that have already been formally constituted through a notarial deed;
- 4) Substitute statement for each single applicant, each member of a temporary group, the member appointed by a pool and for each consultant;
- 5) Economic-financial and technical organisational requirements and approximate fees for planning and supervision of the work.

President  
Eng. Angelo Boschetti