COASTAL ARCHITECTURAL PROJECTS

Design projects for seaside facilities

Determinazione n.808/TP/CA-CI del 26 maggio 2010
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COASTAL ARCHITECTURAL PROJECTS

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INTRODUCTION

In accordance with what required by the European Landscape Convention, with the “Codice Urbani” and with the guidelines of the Regional Landscape Plan, the Regione Autonoma della Sardegna - Direzione Generale della Pianificazione Urbanistica Territoriale e della Vigilanza edilizia, Servizio Tutela Paesaggistica – intends to promote the study and design research regarding removable and temporary structures related to the seaside facilities around Sardinian coastline. The study is aimed at analysing the environmental and cultural context where the seaside facilities will be located.

ARTICLE 1 - SUBJECT OF THE CONTRACT

Ideas and design proposals for temporary and easily removable seaside facilities, related to touristic and recreational services.

ARTICLE 2 - GENERAL AND SPECIFIC AIMS

In accordance with the requirements of the Regional Landscape Plan, the national and european standards and the guidelines for the preparation of municipal Plans for Coastal Exploitation, this public competition takes into account and recognises the particular vulnerability of border areas, urban periphery and transition zones of Sardinian coastline. It also aims to give a contribution to the preservation of the coastal resources and its ecological components, without affecting the existing delicate balance and the elements governing the coastal transformations, allowing, at the same time, an appropriate and consistent use of the resources.

The public competition identifies the coastline as a main resource for the regional economy, with the awareness that the need to protect this resource should lead to a careful and intelligent planning of services and facilities that exploit this resource.

To fully achieve this aim, the competition:

- requires direct involvement of suppliers in all research activities;
- promotes the participation of local populations and stakeholders in the planning process.

The specific purposes of the public competition are:

- improve accessibility and usability of the coastal system, leading to a sustainable development able to reduce the deterioration of the resource;
- regulate and control the human pressure on the beaches by reducing the physical-mechanical action;
- regulate and control all activities on sandy and pebbly coasts;
- diversify the touristic offer at local, county and regional level, while respecting cultural identity;
organise coastal services and exploitation in relation to the territories with significant natural, rural or urban characteristics;

promote energy independence of seaside facilities through employment of alternative energies integrated with the existing architecture;

encourage innovation and technological excellence in designing contemporary seaside facilities;

testing new design elements able to fit in with the existing context and to address the need for development, according to the evolution of human coastal exploitation.

**ARTICLE 3 - DESIGN CRITERIA**

The seaside facilities refer to a variety of elements, such as walkways, vertical and horizontal elements, roofing, walls with or without openings, awnings, garages, kiosks, turrets, etc. The criteria to be taken as reference for the design of seaside facilities are the following:

- equipment related to touristic and recreational services, grouped in these three categories:
  - Simple: facilities aimed at renting beach equipment (umbrellas, chairs, beach beds), at providing basic services (sea-rescue platforms and walkways, first aid, toilets, showers, changing rooms, clothing storage facilities) and commercial activities of retail sale (e.g. a kiosk selling only packaged products);
  - Complex: facilities aimed at renting beach equipment, at providing basic services, catering, including preparation and delivery of beverages and food (cooking areas, dressing rooms for employees, storage and preservation facilities for foodstuffs, areas for tables and chairs);
  - Multifunctional: facilities aimed at providing all the aforementioned services, plus rental and storage of rowing and sailing boats and the like, or other facilities for recreational or sporting purposes;

- type of facility, location and design should take into account physical, morphological and environmental characteristics of the coastline and the context in which it is located. This latter is considered to be "urban" if characterized by large construction projects and infrastructures; "suburban" if construction works are spread out; or "virgin", if construction is sporadic or absent;

- the maximum acceptable building area should not exceed 500, 1,000 or 1,500 square meters for simple, complex and multifunctional facilities, respectively;

- in the preliminary evaluation of the type of infrastructure one should take into account the morphology of the beach zone, with particular emphasis on the relationships with the landscape components: open spaces, distribution of Mediterranean chaparral, shrubs and trees, dune systems, coastal lagoons, visual contrasts, highlands and depressions, etc.;

- design solutions for new facilities must have a visual opening towards the sea, while limiting the visual impact due to its height; facilities should be preferably located outside the beach area;

- the facilities should be easily removable and have a uniform design; such are those composed of modular elements for easy portability, in conjunction with each other and removable without the need for any demolition work;
pedestrian access to the facilities must be free for all users and the seaside resorts will be built so as to ensure sea access even to people with reduced mobility. Systems consisting of modular elements located on the sand, raised above the beach level and assembled with dry joints will be privileged;

- materials should be preferably of natural source, including wood (for the platforms and elevated surfaces), excluding construction materials such as concrete, stone, brick, tiles etc. When structures cannot be anchored by inserting wooden poles, prefabricated structures can be used for the foundations, provided that they are completely underground and easily removable without requiring any demolition work.

**ARTICLE 4 - IDENTIFICATION OF PLACES AND DOCUMENTATION**

The public competition identifies eight coastal zones, one for each Sardinian county, each unique for geographical, cultural and environmental characteristics. Preliminary choice of the sites allows for the identification of design solutions - including shapes, materials and techniques - that fulfil the objectives set herein.

In particular, the coastal zones cover the following geographical areas:

<table>
<thead>
<tr>
<th>PROVINCE</th>
<th>TOWN</th>
<th>AREA–COASTAL ZONE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Cagliari (CA)</td>
<td>Cagliari-Quartu S. Elena</td>
<td>Poetto</td>
</tr>
<tr>
<td>2 Carbonia-Iglesias (CI)</td>
<td>Sant'Anna Arresi - Teulada</td>
<td>Porto Pino</td>
</tr>
<tr>
<td>3 Medio Campidano (MC)</td>
<td>Arbus</td>
<td>Pistis</td>
</tr>
<tr>
<td>4 Nuoro (NU)</td>
<td>Budoni</td>
<td>Budoni</td>
</tr>
<tr>
<td>5 Ogliastra (OG)</td>
<td>Tortoli</td>
<td>Lido Orri</td>
</tr>
<tr>
<td>6 Olbia-Tempio (OT)</td>
<td>Palau - Santa Teresa di Gallura</td>
<td>Spiaggia del Liscia</td>
</tr>
<tr>
<td>7 Oristano (OR)</td>
<td>Cabras</td>
<td>San Giovanni di Sinis</td>
</tr>
<tr>
<td>8 Sassari (SS)</td>
<td>Alghero</td>
<td>Spiaggia Maria Pia</td>
</tr>
</tbody>
</table>

The technical documentation for professionals, including the forms attached to this public notice, can be downloaded at [www.sardegnaterritorio.it](http://www.sardegnaterritorio.it) and consists of:

- Technical Regional map
- Beach geographical atlas
- Regional Landscape Plan (RPP) Atlas
- Orthophotographs 2006

Additional online resources:

- The proceedings of the RPP - first homogeneous coastal area, downloadable version available at [www.sardegnaterritorio.it](http://www.sardegnaterritorio.it) along with all the documentation and technical support;
- Iconographic material (architecture, art, photography, photo gallery, landscape): [www.sardegnacultura.it](http://www.sardegnacultura.it);
- the geographical navigators, which allow the exploration of the territorial maps in two and three dimensions, providing additional information: [www.sardegnaterritorio.it](http://www.sardegnaterritorio.it).
ARTICLE 5 - QUALIFICATION OF CANDIDATES

This public competition is open to architects and engineers, registered with their respective Professional Associations. Participation may be individual or as a group of professionals from different disciplines. In this latter case, a representative needs to be appointed who will be responsible towards the Regione Autonoma della Sardegna. The appointment of the representative must be made via a declaration signed by all members of the group and must be attached to the documents of the competition. Membership to the aforementioned professional associations is required only for the representative; all other members of the group should be affiliated to other professional associations. Group members not affiliated to any professional association may only participate as collaborators or consultants. For all purposes of this competition, a group of competitors will collectively have the same rights of a single competitor. Ownership of project ideas will be recognized to all members of the group. A single participant cannot be member of more than one group, nor can the composition of the group be modified during the competition. Each project proposal drawn up by a single candidate or group of professionals can be presented with the support of a manufacturer that guarantees the feasibility, production and marketing of the proposed project.

The following people cannot take part in the competition:

- components of the examination commission, their spouses and their relatives up to the third degree;
- those who have any professional relationship or cooperation with members of the examination committee;
- those who have a professional relationship with public institutions or governments, unless specifically authorized by their institution or by the law;
- those who participated in the drafting of this public notice and its annexes.

ARTICLE 6 - CONDITIONS OF PARTICIPATION - PRESENTATION OF APPLICATIONS

The following conditions and methods for the presentation of the projects are mandatory; failure to comply with these requirements will determine exclusion from the competition.

All the documents related to each project proposal should be contained in a single, sealed, anonymous envelope.

The documentation to be included in the package is the following:

ENVELOPE "A"

The anonymous, sealed, non-transparent, A4-format envelope (210 mm x 297 mm) will only bear the wording "BUSTA A / DOCUMENTAZIONE AMMINISTRATIVA, Litorale (No. ___ "name of the coastal zone"), and will contain the application forms and the statements. These can be downloaded from the website. The applicant should use plain, A4 paper, filled out according to the specifications of art. 46 DPR 28.12.2000 n. 445.

Administrative Documentation

The administrative documentation is intended to uniquely identify each participant and to verify compliance with the participation’s requirements. The documentation is subject to verification upon request of the Administration, and should contain:

1. Application Form (see Annex I)
The application form will include all necessary personal data and evidence of eligibility, and an indication of the province, municipality, city-coast for which he or she competes.

2. Appointment representative (see Annex II)
   Declaration with the name of the professional acting as legal representative of the group, including the delegation of signature of documents and the acceptance of the representative, signed by all members.

3. Declaration of representative (see Annex III)
   Statement of the representative containing:
   a. certification of membership of professional association (or equivalent) with details on qualification;
   b. permission to publish the documents presented at the competition and the names of any designers and consultants, even in case of unsuccessful application;
   c. certification of compatibility, as described in art. 7;
   d. consent to processing personal data according to D. Lgs. 196/2003;
   e. acceptance of all terms of the contract.

4. Declaration of consultants (see Annex IV)
   Statement of individual members of the group including:
   a. certification of membership of professional association (or equivalent) with details on qualification, expertise and nature of collaboration;
   b. permission to publish the papers presented at the competition and the names of any designers and consultants, even in case of unsuccessful application;
   c. certification of compatibility, as described in art. 7;
   d. consent to processing personal data according to D. Lgs. 196/2003;
   e. acceptance of all terms of the contract.

5. Authorization for government employees (if any) (see Annex V)
   Letter of authorization to participate in the competition issued by the employing agency, institution, university, etc.

This documentation must be dated and signed and accompanied by a simple photocopy of the identity card of the applicant/s.

CD Rom

The administrative documents contained in Envelope A and the design project, contained in Envelope B, must be also saved on a CD Rom, which will contain:

- a folder named "Envelope A" with all administrative documentation files (in .pdf format) with the nomenclature specified in the previous paragraph;

- a folder named "Envelope B" containing both the project drawings (in .pdf format - High resolution), named "Tavola_N °_pdf", and the main project report (in .pdf format), named "Relazione.pdf".
All folders and files must be saved inside a folder (directory) named "City ___________
Name of the coastal zone _______". The CD cover must be customized for the identification
of the professional or group of professionals.

**ENVELOPE "B"**

The anonymous, sealed, non-transparent, envelope will only bear the wording "Busta B / PROPOSTA PROGETTUALE/ with the indication of province, municipality, city-coastal zone
for which one wants to compete."

The envelope must contain the following anonymous documents:

* **Drawings** (see Annex VI)*

The metric system for measurements should be used to prepare the projects; a metric
reference chart should be included, so as to allow small format publications. The format
should be black and white or colour, on three, horizontal, UNI format A1 (594 mm x 840 mm)
panels, mounted on a rigid support such as poliplat or forex (5 mm), including:

- a general map (arbitrary scale) showing both the project plan and the structural
elements of the natural coastal landscape and its connections with urban or suburban
areas;
- a general map at the 1:1000 or 1:500 scale, representing the territorial landscape, the
traffic maps and the interactions with the elements of the project proposal;
- volume and surface analysis at the 1:200 or 1:100 scale;
- plants and sections at the 1:100 or 1:50 scale;
- illustration on some selected design solutions - individual pieces of furniture, light
structures (shelters, kiosks, etc..), pavements, landscaping etc.;
- typological studies, architectural abaci;
- renderings showing the location and the design solutions proposed.

* **Report***

The general report of the project proposal should be anonymous and should contain (see
Annex VII):

- the description of the location of the project, the drawings and the compliance with the
objectives listed in Article 2;
- explanatory reports illustrating the proposed design solutions;
- design methods and procedures;
- any graphic diagrams, sketches and drawings;
- a technical and economic analysis with total costs for each component of the project;
- photos of the site and general map.

The report, together with small-format copies of all drawings, should be presented in a
scrapbook consisting of a maximum of 14 sheets, A3 landscape format, in two copies. The
report can be printed on both sides, while the small-format copies of the drawings must be printed on one side.

The lack of seals on any of the envelopes and shipping methods other than those specified will cause exclusion from the competition.

Participation will be anonymous. Any information included in envelope B that may reveal the identity of the participant should be omitted. All submitted papers will be marked with an identification code by the examination committee.

Preparation and delivery costs shall be borne by the candidate.

All documents, drawings and reports must be in the format indicated herein.

All documents submitted will remain property of the Regione Autonoma della Sardegna and may be used for future publication.

**ARTICLE 7 - ELIGIBILITY CRITERIA**

The criteria for acceptance of proposals are:

a. Professionals can participate individually or in groups. Participation as a single individual and, at the same time, as part of a group is not allowed;

b. Every professional or professionals’ group may submit only one project proposal and for only one of the coastal zones indicated in art. 4;

c. Project proposals must be the result of original ideas and must not have previously received public or private funding;

d. Proposals must be anonymous.

Failure to comply with even one of the above criteria will invalidate the application.

**ARTICLE 8 - INFORMATION AND CLARIFICATIONS**

Requests for clarifications about this notice should be sent by August 31st 2010, by e-mail to the following address:

eell.serv.terr.ca@regione.sardegna.it

After this date the Regione Autonoma della Sardegna will not accept further requests for clarifications, except those related to the administrative procedures. The Regione Autonoma della Sardegna will send a reply by September 2010. All questions and answers will be published on the website:

www.sardegnaterritorio.it

All answers will be available for public access in the offices of the Servizio tutela paesaggistica per le Province di Cagliari, Carbonia-Iglesias. No information will be given on the phone. Under no circumstances a participant should contact any member of the examination committee.

**ARTICLE 9 - PUBLICITY**

This public notice is published on the website of the Regione Autonoma della Sardegna, www.regione.sardegna.it, and on Italian and European websites.
ARTICLE 10 - DEADLINES

The application form, together with all the required documentation, must be written in Italian and presented by the candidate in two identical copies, both in written and digital format. For the purposes of eligibility and selection of proposals only the paper copy will be considered.

Project proposals must be submitted by hand, by post or by courier no later than 12:00 pm of September 30th 2010. This deadline refers to the actual arrival date of the letter, not to the shipping date.

The envelope should be sealed on all sides and include the Province, City and coastal zone for which the participant wants to compete, as specified below:

ARCHITETTURE PER I LITORALI Idee progettuali per le attrezzature a servizio della balneazione Comune ________________ Provincia ________________ Litorale ________________ (complete spaces) NON APRIRE

and should be addressed to:

Regione Autonoma della Sardegna, Assessorato Enti locali Finanze ed Urbanistica, Direzione Generale della Pianificazione Urbanistica Territoriale e della Vigilanza Edilizia
Viale Trieste 186, 09123 CAGLIARI

All applications received after the deadline or not compliant with the aforementioned requirements will not be considered.

ARTICLE 11 - SELECTION PROCEDURE

The General Director of the office "Pianificazione Urbanistica Territoriale dell’Assessorato Enti locali, Finanze e Urbanistica della Regione Sardegna" will appoint the examination committee, composed of the following 5 members:

- the General Director of Pianificazione Urbanistica Territoriale e della Vigilanza Edilizia or his nominee, Chairman;
- two experts in landscape planning, drawn from the General Directorate of Assessorato Enti locali, Finanze e Urbanistica;
- two external members appointed by the Region with proven experience in landscape, urban and architectural design.

The selection of candidates will follow this procedure:

PHASE I: The committee will open the envelopes and will assign a serial number to identify envelopes A and B contained inside each proposal.

PHASE II: The committee opens envelope B containing the drawings and will examine the project proposals according to the criteria listed in Article 12. The committee will exclude all non-anonymous proposals, according to Article 7 of this notice. In evaluating the projects, the committee will pursue a unanimous decision as far as possible; the President may require that every component motivates the opinions expressed by the committee members. The committee decides on the preliminary ranking of the project proposals.
PHASE III: The examination committee will then verify the administrative documentation to establish eligibility of proposals based on the criteria listed in Article 6.

PHASE IV: The Committee will determine the final ranking of projects on the basis of the mark obtained in phase II and following the exclusion of any proposals made in Phase III.

PHASE V: Final approval of the list will be made public through official letter from the General Director.

**ARTICLE 12 - EVALUATION CRITERIA OF APPLICATIONS**

The maximum score for a project proposal is 100.

The committee will consider the following requirements:

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 CONSISTENCY WITH THE REQUIREMENTS OF REGIONAL LANDSCAPE PLAN (P.P.R. Delibera di G.R. 36/7 05/09/2006) AND WITH THE GUIDELINES FOR THE &quot;PIANI DI UTILIZZO DEI LITORALI&quot; (Delibera G.R. 29/15 22/05/2008)</td>
<td>20</td>
</tr>
</tbody>
</table>

The design project addresses the following points:

a. The landscape natural resources "Dune and sand systems" are subject to conservation and protection aimed at maintaining the characteristics of natural elements and morphology, and at preserving their integrity and the optimal balance between natural habitat and human activities.

b. Conservation of dune systems, wetlands and beaches, through actions designed to organize and regulate traffic, parking and access for touristic and recreational use.

c. Preservation or reconstruction of the relationship between urban areas and sea, through the creation of spaces designed for leisure activities.

d. Administration of coastal wetlands through protection of the traditional activities aimed at environmental and biodiversity conservation.

e. Management and regulation of access of dunes systems and sandy shores, aimed at conservation of natural resources.

f. Recreation of links between urban and environmental areas;

g. Improvement of accessibility and usability of the coastal areas aimed at sustainable development to reduce depletion of natural resources.

h. Control of human pressure on natural beaches.

i. Integrated management of coastal areas and adjacent natural, urban and rural zones.

2 QUALITY OF PROJECT PROPOSAL | 30 |

The quality of the project proposal is judged on the basis of:

- the integration of the project proposal with the surrounding landscape, assessed through an analysis of the elements of the territory;
compatibility with existing transformations and preservation of the unitary nature of the environmental system;

- a complex set of elements, such as walkways, vertical and horizontal components of pavement and roofing, walls with or without openings, awnings, etc., functioning in relation to beach exploitation;

- preservation of the morphology of dune systems, e.g. Mediterranean chaparral, shrubs and trees, dune systems, coastal lagoons, visual contrasts, highlands and depressions, etc.;

- design solutions with visual opening towards the sea, while limiting the visual impact;

- typological and constructive characteristics that favour modular elements, detached from the sand, easily transportable and removable without any demolition work;

- research and innovation in design and technology according to contemporary architectural standards of seaside facilities;

- full accessibility to all potential users, to ensure sea access even to persons with reduced mobility;

- use of natural materials, including wood (for platforms and surfaces in elevation), excluding construction materials such as concrete, stone, brick, tiles etc.;

- indication on the areas to be used for temporary events such as festivals, sports and cultural events, and other recreational activities organised even for short periods.

### 3 USE OF ALTERNATIVE ENERGIES

Energy independency reached through exploitation of alternative energy integrated with the structures.

### 4 PUBLIC PARTICIPATION

The project proposal arises from a multidisciplinary and participatory process in which the local population is directly involved through meetings aimed at discussing all major issues. The participation should involve all social groups, including simple users, schools, town meetings.

### 5 INVOLVEMENT OF PRODUCTION COMPANIES

The project proposal involves research companies able to compete directly in terms of the standards set by the market, e.g. affordability, marketability and reuse.

### 6 FEASIBILITY OF THE PROPOSAL

All the administrative and technical aspects related to the effective implementation, maintenance and management of the offered services will be taken into account.

### 7 COSTS OF THE PROPOSAL

20
Affordability of the project proposal, ability to follow market trends and possibility of re-marketing through third parties.

MAXIMUM TOTAL POINTS

<table>
<thead>
<tr>
<th>Points</th>
</tr>
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<tbody>
<tr>
<td>100</td>
</tr>
</tbody>
</table>

**ARTICLE 13 - PRIZE**

The total prize amounts to 240,000 euros. The total amount is allocated to each of the eight coastal zones listed in art. 4, according to the following ranking:

1st place: € 15,000.00  
2nd place: € 10,000.00  
3rd place: € 5000.00

It is not possible for two participant to have same ranking. All prizes are to be considered before VAT, taxes and other contributions. If none of the project proposals is considered to be valid by the examination committee, a smaller proportion of the prize, equal to 1/6 (one sixth) of the value of the 1st place prize (i.e. € 5,000.00) may be allocated to one or more projects worthy of recognition.

The list of winners will be sent to the National Architect Association, to the National Engineer Association, to the professional associations, and will be published on regional, italian and european websites.

Winning projects will become property of the Region, which will be allowed to use the ideas, even partially, provided that the name of the author is referenced.

The prize will be conferred after presentation of the invoice at the offices of Regione Sardegna, Assessorato Enti locali Finanze ed Urbanistica Direzione Generale della Pianificazione Urbanistica Territoriale e della Vigilanza Edilizia, Viale Trieste 186, 09123 Cagliari.

**ARTICLE 14 - RETURNING THE DOCUMENTATION**

All proposals, except those awarded for the best idea or worthy of recognition, may be withdrawn at the expense of the professional or group of professionals. Regione Sardegna will not be responsible of the data after one year after the announcement of the winners.

**ARTICLE 15 - PERSONAL DATA TREATMENT**

Personal data acquired during the competition may only be treated in relation to the administrative procedure and in accordance with the law.

**ARTICLE 16 - OBLIGATIONS OF CANDIDATES**

The decisions of the examination committee are final and participation in the competition implies acceptance of the rules set herein.

**ARTICLE 17 - OWNERSHIP OF DESIGN PROJECTS**

All project material and copyright are ownership of the participants. Regione Sardegna will have full availability of the documentation, subject to the requirements set by the law. Once the prize is payed for, the Regione Autonoma della Sardegna retains ownership of the winning proposals.
The Regione Autonoma della Sardegna, at its discretion, has the right to use the results of the competition to promote the initiative through exhibitions, seminars and publications, without prior consent of the authors. Any civil complaint shall be commenced in the judicial court of Cagliari.

**LIST OF ANNEXES**

**Administrative Documentation**

I. Application form
II. Appointment of representative
III. Declaration of representative
IV. Declaration of consultants
V. Authorization for government employees

**Technical Documentation**

VI. Drawings
VII. Report