Technical highlights

Turin, 18.10.2018
Project Organization

Masterplan

«Ambito 12.32 Parco della Salute e sede Regione Piemonte»

with total land area (ST) of approximately 313,725 mq.

District 1 - Health, Research and Innovation Park:

- Lot 1: Health and Clinical Training Center + Research Center
- Lot 2: Didactic Center + Residential Center

District 2 - Headquarters of the Piedmont Region and activities of general interest

District 3 - Complementary activities to the TRH (Railway area Urban Systems)

District 4 - Area Fiera Oval
Lot 1 - Health and Clinical Training Center + Research Center

Healthcare and clinical training center, with an area of 127,000 square meters, of which 5,000 square meters dedicated to clinical training, and a total capacity of beds equal to 1,040 (of which 70 technical posts dedicated to short observations, dialysis, first aid, etc)

Research center, with an area of 10,000 square meters, sized for a user of about 1,000 people including teaching staff, assistants, doctoral students and auxiliary staff

Connections:
- New road (surface & underground) defined by the Z.U.T;
- Pedestrian promenade along the East-West axis (connection between the train station and the metropolitan station)
- New bridge Lingotto station (District 3)
- Connection with existing or under construction

<table>
<thead>
<tr>
<th>Lotto</th>
<th>Area (SLP) (mq)</th>
<th>Parking (mq)</th>
<th>Beds (p)</th>
<th>Students (n)</th>
<th>Users (n)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overo 1</td>
<td>127.000</td>
<td>44.100</td>
<td>1,040</td>
<td></td>
<td></td>
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<tr>
<td>Research pole</td>
<td>10.000</td>
<td>3.400</td>
<td></td>
<td>5,000</td>
<td></td>
</tr>
<tr>
<td>Overo 2</td>
<td>31.000</td>
<td>10.700</td>
<td></td>
<td>1,000</td>
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<tr>
<td>Residential residency pole</td>
<td>8.000</td>
<td>2.800</td>
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<tr>
<td>Total</td>
<td>176.000</td>
<td>61.000*</td>
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Total mq 237.000
Feasibility Technical and Economical Study

- General Report
- Feasibility study (update July 2018) with the cost benefit analysis
- Book 1: Aspects related to urban morphology
- Book 2: Aspects related to the transport and traffic mobility system, logistics, accessibility
- Book 3: Aspects related to Energy Sustainability
- Book 4: Functional Organization of the Hospital
- Actual status with the road conditions under construction
Main Objectives of the Competitive Dialogue

- Masterplan for urban transformation Lot 1 and Lot 2
- Functional optimisation and rationalisation of hospital routes
- Humanisation of the places of treatment
- Safety and reliability
- Maintainability, inspectionability, substitutability
- Automation solutions for plants and buildings
- Structural and plant flexibility
- Reduction of environmental impact
- Building Information Modeling (BIM)
Services included in the PPP Contract

- The maintenance service of building and plant engineering works
- The maintenance and management of internal transport systems
- The maintenance, operation and management of electrical and lighting systems and the related electrical supply
- The maintenance, management and management of water and sanitary systems and drains and water supply
- The maintenance, management and management of air-conditioning systems (both in winter and in summer) and supply of energy carriers
- The maintenance service of communication and information networks (excluding consumption)
- Green maintenance service