



## **pbnetworks signs contract with San Diego International Airport**

pbnetworks has signed an agreement for sub-consulting services with [DMJM Aviation](#) - Professional Services in connection with the [San Diego International Airport](#).



The San Diego International Airport has given us a sub consultant task authorization to perform work on the “Airport Wireless Network”. The scope of professional services includes the following:

- 1.1** Signal coverage survey of existing Authority and Tenant access point equipment locations and areas, this information to be indicated on Terminal floor plans. The survey to use signal detection equipment. Survey results and issues report and terminal floor plans with markup of coverage are deliverables.
- 1.2** Signal coverage analysis for ground terminal areas and ramp edge to be performed and mapped unto ground level terminal drawings. The coverage analysis to use signal detection equipment. Coverage analysis results and issues and markup terminal floor plan drawings are the deliverables.
- 1.3** Coverage analysis for exterior ramp areas using a combination of equipment measurements to determine any existing signals and then coverage computations for proposed ramp coverage. Projection of coverage unto a site plan and coverage issues and recommendations are the deliverables.
- 1.4** Coverage analysis for exterior campus AOA areas and edge areas where Authority and tenant personnel and vehicles operate. Projection of potential coverage onto site plans and a recommendations and issues document are the deliverables.
- 1.5** Analysis of mesh topologies for exterior wireless coverage. Possible mesh diagrams and campus site plan markup of potential mesh locations are the deliverables.

- 1.6** Analysis of wireless security requirements for Authority and tenants and recommendations for security configurations. An analysis and recommendation document is the deliverable.
- 1.7** Participation with the Authority's Information Technology Department's development of the overall wireless network topology and architecture and approach that can be implemented in stages. Summaries of interaction with issues and recommendations are the deliverables for this task.
- 1.8** Participate in the drafting and review of wireless system specifications and associated construction requirements to support wireless network implementation. Submittal of assigned specification section or section portions, and reviews of specifications are the deliverables for this task.
- 1.9** Review of construction drawings and system drawings and diagrams for placement of wireless access points and possible coverage issues. Delivery of review comments is the submittal for this task.
- 1.10** Associated with the scope of work in the use of signal measurement and analysis equipment. The use of this equipment will be a reimbursable based upon an hourly use fee with a not to exceed maximum level.