



SPDB

Basic task of System Project and Design Bureau (SPDB) is to ensure efficiency of control and implementation of comprehensive projects in the framework of the Federal Targeted Programs (FTP), as well as to ensure the activities of our enterprise in the field of rendering complexes of services, starting from an object design and up to its “turn-key” commissioning.

Main functions of SPDB are:

- Analysis of basic directions of development of FTP on Modernization of Consolidated System of Air Traffic Management and Federal Service of Airspace Reconnaissance and Monitoring, work-out of investment ideas for planning, design, construction, redesign and overhaul of the objects of said Consolidated Systems;
- Establishment of co-operation between external organizations for planning, design and equipping the objects of Consolidated System of Air Traffic Management and Federal System of Airspace Reconnaissance and Monitoring;
- Planning and direct development of project and design documentation for installation of equipment to the centers of Consolidated System of Air Traffic Management for air-navigational servicing of flights in terminal areas and on air routes, including dual-use aids, meteorological support and information-technical interaction systems;
- Complex project management, arrangement and co-ordination of the work on equipment delivery and installation.

SPDB consolidates all stages of life-cycle of a comprehensive project, starting from project initiation and up to an object commissioning, including the following ones:

- Front-end engineering;
- Planning, design and research work as well as participation in expertise procedure;
- Equipment manufacture and delivery;
- Fulfillment of start-up-and-adjustment and commissioning work;
- Training the Customer’s personnel on rules of operating the equipment delivered;
- Commissioning of projects to the Customer;
- Warranty and post-warranty servicing.





Front-end engineering should be carried out for the purpose to clarify initial data for planning and design of objects of air-navigational infrastructure. Research and planning and design work is carried out both by forces of SPDB and with attraction of outside agencies. Final stage of front-end engineering is the project expertise. On this stage SPDB carries out analysis and elimination of criticism points obtained.

In compliance with technological solutions accepted on the stage of planning and design, SPDB places orders for equipment manufacture and delivery. Depending on equipment types, the orders are subject to fulfillment by PJSC "ALMAZ R&P Corp." or to placement at partner enterprises.

There are departments of SPDB aimed on fulfillment of functions of project management, design documentation development, arrangement of construction-and-installation work, as well as departments, which do ensure economical and legal support of projects (contracts). Well co-ordinated teamwork of SPDB departments allows realizing full scope of work for objects of any level of complexity.

Consolidation of all stages of a comprehensive project within one design bureau allows enhancing the project efficiency, optimizing time intervals for the work fulfillment and minimizing project expenses and risks.

Such a way, comprehensive projects on construction, installation, equipment deliveries and start-up-and-adjustment become one of top-priority directions of activities of PJSC "ALMAZ R&P Corp.". Currently our enterprise is ready to provide the full scope of work on modernization of the objects of existing air-navigational infrastructure and on construction and commissioning of new ones on "turn-key" basis.

