

**PLA Air Force Command &
PLA Air Force Logistics Department**

(Request for Approval)

Command
Communication [2007]
No. 118

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**Submitted the Design Task Plan for the
Construction of the Air Force's First anti-"Taiwan
Isolation" Combat Command Dedicated Network
Project**

General Staff, General Logistics Department:

According to the instruction spirit of General Staff Communication [2007] No. 433 "Assign the First Batch of Battlefield Communication Facilities Construction Projects of 2007", combined with the demand for the command dedicated network in the construction of the integrated command platform, ground-air data link, and airspace early warning system, the construction project design task plan is hereby submitted.

According to the plan, the first batch of construction tasks include 221 nodes projects. Among them, there are 2 regional C-type nodes, 7 regional B-type nodes, 9 regional A-type nodes, 1 D-type connection node, 25 C-type connection nodes, 24 B-type connection nodes, and 153 A-type connection nodes. Each node's construction project mainly includes integrated wiring, equipment installation, optical (electrical) transmission (including transmission system expansion of 21 units), grounding system construction, and equipment room renovation and other supporting projects. According to the calculation, the above-mentioned construction projects will

require a total construction expense of 99.9465 million yuan (including 85.7332 million yuan for node construction and 14.2133 million yuan for transmission equipment expansion).

Please give instructions on whether this plan is appropriate.

Attachment: The Design Task Plan for the Construction of the Air Force's First anti-"Taiwan Isolation" Combat Command Dedicated Network Project

PLA Air Force Command &
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November 3, 2007

Attachment

The Design Task Plan for the Construction of the Air Force's First anti-"Taiwan Isolation" Combat Command Dedicated Network Project

1. Project name: the Construction of the Air Force's First anti-"Taiwan Isolation" Combat Command Dedicated Network Project.
2. Project code: 2709.
3. Construction location: Air Force units.
4. Construction Basis: General Staff Department's General Staff Communication [2007] No. 433 "Assign the First Batch of Battlefield Communication Facilities Construction Projects of 2007" and the construction plan of the PLA command dedicated network.
5. Construction purpose: The construction of this project can meet needs of the integrated command platform, ground-air data link, and air situation early warning system construction for the command dedicated network.
6. Construction scope and contents: The first batch of construction tasks include 221 nodes projects. Among them, there are 2 regional C-type nodes, 7 regional B-type nodes, 9 regional A-type

nodes, 1 D-type connection node, 25 C-type connection nodes, 24 B-type connection nodes, and 153 A-type connection nodes. Each node's construction project mainly includes integrated wiring, equipment installation, optical (electrical) transmission (including transmission system expansion of 21 units), grounding system construction, and equipment room renovation and other supporting projects.

7. Warfare technology requirements: Through the construction of this project, the command dedicated network must be capable of carrying radar intelligence networking services and ground-air data link services. After the system is completed, it can provide a public platform for the command and control system to meet the needs of collection, processing and distribution of various types of command information, weapon control information, and various intelligence information.

8. Estimated budget: the total construction cost is estimated to be 99.9465 million yuan. Among them, the node construction costs 85.7332

million yuan, and the transmission equipment expansion costs 14.2133 million yuan.

9. Organization and implementation: The project will be planned and implemented by the Communication Department of the Air Force Command, designed by the Communication Engineering Design Institute of the Air Force Command, and constructed by the units affiliated to the Air Force of the Nanjing Military Region.

10. Schedule: Construction drawings will be completed in mid November 2007, construction will begin in late November 2007, and project construction will be completed in December 2007.

Attachment:

1. Budget estimates for the construction of the first batch of command dedicated network nodes of the Air Force
2. Budget estimates for the expansion of the first batch of command dedicated network transmission systems of the Air Force

Key words: construction projects, task plan
[command dedicated network]

CC: Operations Department and Communication Department of General Staff; Finance Department of General Logistics Department; Operations Department and Communication Department of the Air Force Command; Finance Department of Air Force Logistics Department. (8 copies in total)

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