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**Confidential**

**Submitting the First Batch of Branch  
Line Optical Cable Construction Project  
for the PLA Air Force (Request for  
Approval)**

**Command  
Communication [2007]  
No. 86**

**Signed by  
Zhao Zhongxin**

**Submitting the First Batch of Branch  
Line Optical Cable Construction Project**

General Staff:

According to the instruction spirit of General Staff Communication [2007] No. 325 "Distribution the 'PLA's "Eleventh Five-Year" Battlefield Communication Facility Construction Plan", combined with the combat mission of the Air Force, we conducted a special study on the construction requirements of branch line optical cables. At present, all combat units above regiment level in the Air Force have been connected with optical cables through branch lines and achieved high-speed digital communication. 99% of the ground defense battalions, radar stations and other units in

the southeastern coastal areas have realized long-distance communication with optical cables. However, with the construction of command means and the equipment replacement of ground defense, radar and other troops, the demand for digital communication is getting higher and higher, and relying on the existing analog channels is far from meeting the real needs of communication. In view of this, in combination with the replacement of new weapons, the construction of an integrated command platform and the needs of rear communication, we propose to install 3,610 kilometers of optical cable lines, 456 sets of optical (electrical) transmission equipments,

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106 (sets) of communication power supply equipment and other supporting equipment, as well as renovating 3,420 square meters of equipment rooms. After the above tasks are completed, the supporting communication capabilities of the newly equipped troops and the communication support quality of ground defense, radar, logistics, and equipment troops will be further improved.

It is estimated that a total of 255,080,700 yuan of construction funds will be required to complete the above-mentioned projects. We hereby apply for special fund from the 'Eleventh Five-Year' battlefield communication facility construction plan.

Please give instructions on whether this plan is appropriate.

1. Attachment: Budget Estimates for the First Batch of Branch Line Optical Cable Construction Project of the Air Force
2. Project list of the First Batch of Branch Line Optical Cable Construction Project of the Air Force.

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PLA Air Force Command

September 4, 2007

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Project owner: Communication Department  
of Air Force Command

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