

**POLICY JUSTIFICATION****Pakistan – Air Traffic Control Radars**

The Government of Pakistan has requested a possible sale for a competition involving Air Traffic Control (ATC) Systems each consisting of Air Surveillance Radars (ASR) and Precision Approach Radars (PAR). The proposed radar models include:

**4 each Fixed ASR radars (Set I)**

3 of either/or

- ASR-9 (Northrop Grumman)
- ASR-11 (Raytheon)

*Plus*

1 FPS-117 or TPS-77 (Lockheed Martin)

**6 each Mobile ASR radars (Set II)**

6 of either/or

- AN/TPN-31 ATNAVICS (Raytheon)
- AN/MPN-25 GCA-2000 (ITTG)
- AN/TPS-79 ASPARCS (Lockheed Martin)
- AN/NPM-26 MACS (ITTG)

**10 each Fixed PAR radars (Set III)**

10 of either/or

- PAR-2000 (ITTG) (part of the GCA-2000 family)
- MACS PAR (ITTG) (derivative of PAR-2000)
- AN/TPN-32 ASPARCS PAR (Lockheed Martin)

Also included will be related support equipment, spare/repair parts, publications/technical data, personnel training/equipment, and U.S. Government and contractor engineering and logistics support services, and other related elements of logistics support. The estimated cost is \$110 million.

This proposed sale will enhance the foreign policy and national security of the United States by providing the Pakistan Air Force (PAF) increased technological capacity to support the U.S. Government efforts in Operation Enduring Freedom.

The proposed sale of ATC radar will be used to manage, monitor, and control air traffic. This proposed sale will enable Pakistan to fulfill the surveillance requirements of the war on terrorism and improve safety of flight for coalition and PAF aircraft inside Pakistani airspace. This radar will contribute to the modernization of Pakistan's forces as well as allow modernization of obsolete radar.

The proposed sale of this equipment and support will not affect the basic military balance in the region.

The specific contractor will be determined through competitive competition. There are no offset agreements proposed in connection with this potential sale.

The number of U.S. Government and contractor representatives required in-country to support the program will be determined in joint negotiations as the program proceeds through the development, production and equipment installation phases.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.