



DEPARTMENT OF THE ARMY
RESEARCH, DEVELOPMENT AND ENGINEERING COMMAND (PROVISIONAL)
COMMUNICATIONS-ELECTRONICS RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
FORT MONMOUTH, NEW JERSEY 07703-5201

REPLY TO
ATTENTION OF

DATE: March 1, 2005

FROM: Robert J. Both
US Army Research, Development, and Engineering Center (CERDEC)
Room 4C-402A
Fort Monmouth, NJ 07703
(732) 427-6203
Bob.Both@us.army.mil

To Whom It May Concern:

On behalf of the United States Army, it is a pleasure to acknowledge that Mr. Jesus Arango has made significant research contributions to the United States Army. It is our strong believe that his remaining in the United States is in the public interest. Mr. Arango has been a key participant in a research program that improves the state of electronic communications for our current and future war fighters. Our office oversees Mr. Arango's research and we recommend that Mr. Arango be granted the opportunity to remain in the United States and continue to contribute his talents and expertise.

I am chief of the Sensor Networks Branch of the Space and Terrestrial Communications Directorate (STCD) of the US Army Communications-Electronics Research, Development, and Engineering Center (CERDEC) in Fort Monmouth, NJ. My branch is involved in several research programs including, but not limited to, Future Combat Systems (FCS), Joint Tactical Radio Systems (JTRS) and Tactical War fighter Information Networks. We also oversee the progress of several Small Business Innovative Research (SBIR) programs. The purpose of these programs is to continuously improve the state of electronic communications for our current and future war fighters.

Mr. Arango has been a key participant of the US Army Small Business Innovative Research (SBIR) Program A02-106 under the authorization of his Responsible Officer. He has been conducting research on header compression for wireless networks. The purpose of his research is to increase the capacity of wireless tactical networks by reducing communication overhead. His work will lead to a more efficient method of transmitting voice, video, and other real-time data. The United States Army relies on this work to support larger communication infrastructures and better quality of service in wireless tactical communications.

To summarize, (1) Mr. Arango's research is of sustained importance and relevance to the United States Army. (2) We are very impressed with his performance. (3) His remaining in the United States is in the public's interest. If you desire further please do not hesitate to contact me.

Sincerely,

Robert J. Both
Sensor Networks Branch of the Space and Terrestrial Communications Directorate
US Army Research, Development, and Engineering Center (CERDEC)