

# K3

PROJECT NAME: Air Photo Mapping for Polio Eradication Initiative.

LOCATION: City of Kano, est. population 5 million

Rotary Club of: Bompai, Kano and Wazobia (provisional)

Summary: Polio remains endemic in D-9120 Nigeria. Immunizers face problems such as villager apathy, noncompliance and rejection of the vaccine. The immunization process currently depends on rough, hand-drawn maps which do not have high accuracy depends on rough, hand-drawn maps which do not have high accuracy. Air photo maps will greatly enhance the way the polio eradication initiative is conducted and will assist the PEI personnel in being more efficient and accurate.



The follow up community teams, sent back to find houses where problems exist, need a more efficient and accurate method of “finding” the houses in the congested maze of the slums, especially the border areas of the wards. 8,000 maps would be laminated, reusable and provided to the ward, each supervisor, and each team, @ two per day.

Project Budget: Total US \$31,750.00 includes the following:

1. 2GB RAM, high end graphics card, laptop computer	US \$1,500.00
2. A3 photo printer equipment	US 750.00
3. Printer ink and paper @ \$2.00 per sheet x 8,000	US 16,000.00
4. Lamination machine	US 500.00
5. Plastic sheet for lamination @ \$0.25 per sheet x 8,000	US 2,000.00
6. Water based markers: 6,000 Nos @ \$1.00 each	US 6,000.00
7. Payment to Ward focal persons to coordinate the effort	US 3,000.00
8. Transport costs to cover entire area	US 2,000.00

For the initial trial, the City of Kano will be covered with the air photo maps. If the project proves to be as successful as estimated, then air photo mapping of all endemic areas of Nigeria will greatly assist in the eradication of Polio.

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Coordinating Agencies: World Health Organization, National Primary Health Care Authority at Nigeria.