

5. Tentative schedule

The project will be implemented during 1987 - 1992. The first year will be for survey and design, producing technical details for bid invitation to purchase materials and equipment. Project construction works will be carried out in the next 5 years after bidding.

PEA's Power Distribution Project

1. Project name : Distribution System Dispatching Center Project

2. Project description

At present, there are 12 distribution system dispatching centers each at PEA's 12 regional offices. The communication equipments used to propagate information among the head office and regional offices are radios operating at different frequencies such as VHF, UHF and SSB. PEA's distribution systems have been expanding and become more and more complicated. It is apparent that the current control system will not be sufficient for the future situation. Therefore, PEA has considered installing 13 additional distribution system dispatching centers throughout the country, one at the head office and one at each of the 12 regional offices. However, only 2 centers will be initially installed as a pilot project, one at the Central Electric Administration Area 1 (Ayutthaya) and the other at the Central Electric Administration Area 3 (Nakhon Pathom). The installation of equipment for distribution system dispatching control will be on a turnkey basis. The contractor will also provide PEA's staff with recommendations and training regarding installation and preventive maintenance of the equipment. The construction, expansion and modernization of the control buildings as well as the additional installation of protective equipment in the distribution systems will be carried out by PEA.

3. Project cost (Million Baht)

Investment cost of the pilot project totals 110 million Baht. Foreign loan will amount to 70 million while local currency is 40 million. The local investment will be co-financed by the Ministry of Finance and PEA.

4. Tentative schedule

The period during 1985 - 1987 is for assistance seeking, data acquisition, interim activities and feasibility study. Period during 1988 - 1990 will be for pilot project implementation. The rest will be undertaken after the completion of post evaluation of the pilot project.