

For both the client and supplier, a substation project involves a highly complex process, from initial inquiry through operation and maintenance. At each stage of the project, the client will have specific requirements which demand a smooth and well coordinated response from the supplier. Answering these needs promptly and efficiently requires a highly synchronized organization. An organization like Japan AE Power Systems Corporation.

1 PHASE 1: Planning



CLIENT

- Feasibility Study
- Site Investigation
- Project Outlining
- Economic Forecasts
- Financing & Budget
- Substation Configuration

JAPAN AE POWER SYSTEMS CORPORATION

PRE-SALE SERVICES

- Substation Classification
- Analysis & Simulations
- Documentation & Proposals for Pre-qualification
- Budget Estimation

2 PHASE 2: Tender & Contracting



CLIENT

- Preparation of Tender Specifications
- Tender Announcement
- Tender Closing & Evaluation
- Post Tender Clarification & Negotiation
- Award of Contract

JAPAN AE POWER SYSTEMS CORPORATION

COMPETITIVE PROPOSALS & QUOTATION

- Competitive Price Supported by Superior Management & Engineering
- First-class Proposals & Presentation

3 PHASE 3: *Designing & Manufacturing*



CLIENT

- Construction Program
- Overall Cost Estimation
- Land Procurement Program
- Clearances & Permits
- Drawing Approval & Technical Meetings

JAPAN AE POWER SYSTEMS CORPORATION

SUPERIOR MANAGEMENT & ENGINEERING

- Project Scheduling & Control for:
Punctual Drawing Submission & Manufacturing
- Quality Assurance & Control

4 PHASE 4: *Construction, Erection & Testing*



CLIENT

- Field Supervision
- Progress Control
- Quality Control
- Test Witnessing
- Commissioning

JAPAN AE POWER SYSTEMS CORPORATION

SYNCHRONIZED ORGANIZATION

- Civil & Building Work
- Shipping & Transportation
- Equipment Erection Work
- Site Tests & Commissioning
- Quality Assurance & Control

5 PHASE 5: *Operation & Maintenance*



CLIENT

- Start-up Tests
- Personnel Training
- Maintenance Programs
- Preventive Maintenance

JAPAN AE POWER SYSTEMS CORPORATION

FAST RESPONSE/ PROMPT ADVICE

- Operation & Maintenance Manuals
- Factory-based Training
- On-site Training
- Technical Seminars/Services