

# ARAYANGONJ-NARSINGDI IRRIGATION (DEMONESTRATION) PROJECT

## JATRAMURA PUMP STATION

|     |                                    |   |                                                                                                                                                                                                       |
|-----|------------------------------------|---|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01. | Name of the Pumping Station        | 8 | JATRAMURA PUMP STATION                                                                                                                                                                                |
| 02. | Pump Station Implementation Period | 8 | 1982 to 1984                                                                                                                                                                                          |
| 03. | Cost of The Project                | 8 | 299.18 Crores                                                                                                                                                                                         |
| 04. | Objectives                         | 8 | To provide Irrigation and Drainage facilities in the Narayan-Narsingdi Irrigation (Demonstration) Project area.                                                                                       |
| 05. | Benifited Area                     | 8 | i) Irrigation : 1000 ha.<br>ii) Drainage : 1300 ha.                                                                                                                                                   |
| 06. | No. & Type of Pumps                | 8 | 3 Nos. Axial Flow Vertical Pumps.                                                                                                                                                                     |
| 07. | Capacity of the Pump               | 8 | 37.47 Cusec each at 4.45 m design head.                                                                                                                                                               |
| 08. | Prime Mover                        | 8 | 75 Kw Induction Motor(Each).                                                                                                                                                                          |
| 09. | Rated Motor Voltage & Current      | 8 | 415 KV, 120 Amps.                                                                                                                                                                                     |
| 10. | Main Transformer                   | 8 | 1No. 11/0.415 KV, 500 KVA, DY 11 out door X-fomers.                                                                                                                                                   |
| 11. | Maiden Operation on                | 8 | 1984                                                                                                                                                                                                  |
| 12. | Canal System                       | 8 | i. Main Irrigation Canal : 1No., 9.22 Km.<br>ii. Secondary & Tertiary Irrigation Canals : 37.00 Km<br><br>i. Main Drainage Canal : 8.26 Km.<br>ii. Secondary & Tertiary Irrigation Canals : 14.00 Km. |
| 13. | Hydraulic Control Structures       | 8 | 7 nos.                                                                                                                                                                                                |
| 14. | Period Of Operation                | 8 | 22 years.                                                                                                                                                                                             |