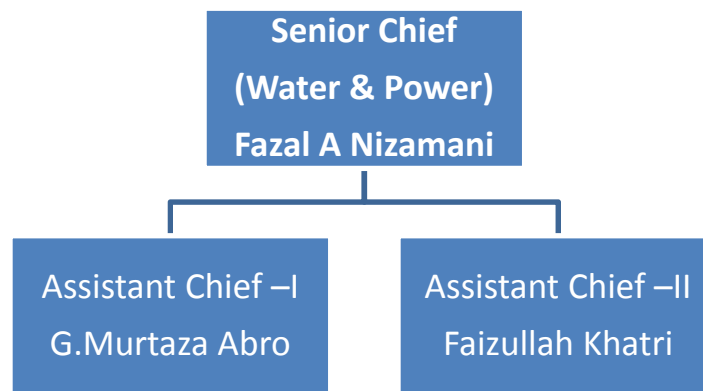


## **WATER & POWER SECTION:**

### **INTRODUCTION:**

Water & Power Section of Planning & Development Department assist the Irrigation and Power Department on the policy matters related to irrigation channels, their rehabilitation, open canals, drainage, small dams & other infrastructure development related to conservation, propagation of Water. Besides this section also coordinates issues on Power Sector specially Village Electrification Program with Province and Federal Government and assist different Project Director on Foreign Aided Projects.

The section consists of following staff directly under the Additional Chief Secretary (Development):



This Section deals with projects in such areas as:

- Water resource development (Provincial irrigation projects).
- Water logging and salinity control.
- Flood protection and restoration - all Sindh except Karachi.
- Power and energy -conservation, generation, transmission, distribution and bio-gas.
- Village electrification
- Irrigation and Power Department of the Provincial Government and WAPDA (South) come into contract with this Section.

## **Salient features of Water & Power Sector**

**Rs. 3400.00 Million** have been earmarked for **One Hundred Twenty Seven** (127) schemes of Water & Power Sector.

### **1. Survey & Investigation**

Rs. 141.865 million are earmarked for 08 schemes for Survey & Investigation, this includes Seven On-Going schemes and One New Scheme which is ***"Feasibility Study for Design & Construction of Small Dams on the Nais Originating from Quba Qadir Bux to Ubhan Shah Hills in Sukkur & Khairpur Districts"***

### **2. Drainage Reclamation & Tube Wells**

Rs. 339.563 million are earmarked for 20 schemes for Drainage Reclamation & Tube Wells, this includes Seven On-Going schemes and Thirteen New Scheme of which the important among these are:

- ✓ Rs. 211.70 million for NDP left over works.
- ✓ Rs. 74.686 million for Construction of Salihpat Drain in Sukkur District.
- ✓ Another Scheme is for Nawabshah for Surface Drainage Scheme in Deh Sutiario & Nakur.
- ✓ Surface Drainage Scheme for Deh 35, 36, 37 & 38 Dad Taluka Nawabshah & Deh Bio Taluka Sakrand
- ✓ Construction of Drainage Scheme for Ansari Farm.
- ✓ Control of Water logging & Salinity in Dehs Barachari, Maldasi, Shahdarpur and Jonejani Taluka Shahadpur and Tandojam, District Sanghar

### **3. Open Canals**

The major investment in the Water & Power Sector is earmarked to this sub-sector that is meant to improve and strengthen the irrigation network to support the agriculture so that food requirements could be met. The allocation for this sub-sector is Rs. 2368.572 million which will cover 92 schemes for Open Canals, this includes Fifty Eight On-Going schemes and Thirty Four New Schemes of which the Major Schemes are:

- ✓ Assuring Water Supply for Karachi – Upgrading Kinjhar Lake System (under Urban Water Supply) for District Thatta
- ✓ Restoration / Strengthening and providing sand coring banks of N.W. Canal RD-23 to 180 for Larkana

- ✓ Construction of Small Dams in Dadu and Jamshoro
- ✓ Remodeling & Extension of Gadeji Link Channel upto RD-35 Naulakhi Branch to supplement Mehrab Wah & Machhar Minor for District Khairpur.
- ✓ Construction of Pumping Scheme for Dadu Tail.
- ✓ Rehabilitation of Mirza Wah for Sukkur.
- ✓ Lining of D-2R Ex-Chohi Canal in Jacobabad.
- ✓ Cement Concrete lining along Kalhori Minor from RD-0 to 25, Abad Minor from RD-0to22.4, Umarkhas Wah from RD-0to25, Patni Distry from RD-0to 72.4, Kandri Minor from RD-0to 25 for Sukkur.
- ✓ **Benazir Human Resource Center for Training of Darogas and Abdars of Irrigation & Power Department in Sindh at the cost of Rs. 100.00 million for the Year 2008-09.**
- ✓ Mechanized Concrete Lining of Canals in Sindh province through Japanese Grant.
- ✓ Ground water monitoring for entire Sindh.

#### **4. Power Sector**

This time, this sub-sector had brought massive investment for Electrification of Villages for Rural Areas in Sindh and around its Capital City of Karachi. The allocation for this sub-sector is Rs. 750.00 million which will cover 07 schemes of Power, this includes Three On-Going schemes and Four New Schemes of which the Major Schemes are:

- ✓ Village Electrification Program for Sindh at the Cost of Rs. 825 million, now revised to Rs. 1800.00 million. Additional Rs. 1000.00 are provided through Re-Appropriation and released by Finance Department.
- ✓ Creation of Power Cell in Irrigation & Power Department to look after the energy issues.
- ✓ Feasibility Studies for Hydrel Power Generation at Rohri Canal & Guddu Barrage.
- ✓ Feasibility study for identification Establishment of Small and Mini Power Generation Units on various perennial canals, lakes and falls in Sindh.