



**GOVERNMENT OF SINDH  
PLANNING & DEVELOPMENT DEPARTMENT**

**MINUTES OF TECHNICAL COMMITTEE MEETING HELD ON 08-09-2009 IN P&D DEPARTMENT REGARDING WATER & DRAINAGE SECTOR PROJECTS.**

(LIST OF PARTICIPANTS AT ANNEXURE -I)

**ITEM NO. 1: CONSTRUCTION OF RETAINING WALL ALONG DADU CANAL FROM RD-605 TO RD-612 BOTH SIDE (OPPOSITE DADU CITY) (Estimated Cost Rs. 90.00 Million)**

After words of welcome from chair, the forum was apprised that Irrigation & Power Department has submitted a scheme costing Rs. 90.00 million for construction of 7 RDs (7000 rft) of Retaining Wall both sides along Dadu Canal with the objective to save city limits, improve the shabby look, maintain the section of canal & its uneven earthen inner slopes and also to save from frequent leaks over flow during the Abkalani season which may cause damages to the Dadu City.

2. The Rep. of the I&P Dept. informed that Dadu Canal carries 5568 cusecs and in particular that reach its discharge is above 1800 cusecs, which had eroded the banks, disturbed the stone pitching constructed many years back and distorted the canal section between 7 RDs, therefore, portion of proposed reach was selected to avoid any mishap in the future.

3. The Technical Section was of the view that Retaining Walls are normally discouraged as all the irrigation channels are made of earthen material and cost of the retaining wall come to Rs. 12857/- per Rft (Both Sides), which was on very higher scale as compared to other options like restoration of existing banks / channels as per design, stone pitching etc. as such A.D may look into other economical option. The Rep. of the I&P Dept. also agreed to this but insisted that the scheme has been taken on the Honorable Chief Minister's Directive and site was vulnerable and must be protected through Retaining Wall.

4. During the discussion, it was pointed out that height of the retaining wall was proposed 16.5 ft and 15 ft against F.S.L of 8.5 ft only above from design bed level and 4 ft below ground for foundation. It was advised to A.D to review the design and come up with workable economy design according to the condition of the site. Rep. of Finance Dept. inquired about the such proposal of retaining wall for other cities. It was informed that some retaining walls were taken in the last ADP for few important reaches of Sukkur, Dadu and Larakna Districts.

5. Special Secretary (Dev.) inquired about the experience of damages / breaches to the proposed reaches. It was informed by the I&P Dept. that as such no breaches had occurred, however situation has now worsened due to encroachment, eroding of stone pitching work and canal distortion near the city portion.

6. It was observed that cost of the scheme was too high and not on the prevailing govt. approved cartage rates, therefore forum decided that A.D may review / reduce the cost of the cartage in particular and other items in general and if necessary then limited RFT of retaining wall on modified design considered on merit on receipt of the documentary proof / photograph of channel with proper justification.

**Decision:**

- (i) The scheme was cleared for PDWP. A.D would modify the PC-I cost.
- (ii) The cost of scheme would be rationalized in general and for carriage / cartage in particular and reduce cost of contingency & De-Watering. The carriage of material would be brought from the nearest quarry.
- (iii) AD would modify PC-I in light of the discussion held during the meeting and observation raised in the Working Paper and submit the scheme for PDWP.

**List of Participants**

**Technical Committee Meeting held on 08-09-2009**

**Planning & Development Department**

- i. **Dr. Noor ul Haq**  
Chief Economist **In Chair.**
- ii. Mr. Iqbal Ahsan Zaidi  
Special Secretary (Dev.)
- iii. Mr. Khalid Waheed Khan  
Special Secretary (S&T/R&T)
- iv. Ms. Rehana G. Ali Memon  
Special Secretary (Technical)
- v. Mr. M. Umar Qazi  
Director General (R&T)
- vi. Mr. Fazal A Nizamani  
Senior Chief (Water & Drainage)
- vii. Mr. Din Mohd Talpur  
Chief (Development / Coord.)
- viii. Mr. Faizullah Khatri  
Assistant Chief (Water & Drainage)
- ix. Mr. Ghulam Murtaza Abro  
Assistant Chief (Water & Drainage)

**Finance Department**

- x. Mr. Rafeo Bashir Shah  
Additional Secretary (Dev.)
- xi. Mr. Abdul hammed Khaskheli  
S.O (Dev.)

**Irrigation & Power Department**

- xii. Mr. Syed Mazar Ali Shah  
Additional Secretary IPD
- xiii. Mr. Amjad Pervaiz Dawach  
XEN Southern Dadu Division