



**GOVERNMENT OF SINDH  
PLANNING & DEVELOPMENT DEPARTMENT**

**MINUTES OF TECHNICAL COMMITTEE MEETING HELD ON 11-8-2009 IN P&D DEPARTMENT REGARDING WATER & DRAINAGE SECTOR PROJECTS.**

(LIST OF PARTICIPANTS AT ANNEXURE -I)

**ITEM No. 1 PROVIDING DRAINAGE FACILITY FOR MALKANI DRAINAGE SYSTEM TALUKA JATI (Estimated cost Rs.74.208 million)**

After the words of welcome from chair the forum was apprised that scheme has been initiated on the directives of the Chief Minister Sindh on 3<sup>rd</sup> February 2009 on application of the local Khatedars of Taluka Jati District . Under the scheme the drainage facility would be provided to the left over pocket of 23000 acres of land in Deh Distry/Panjari, Tupo Mughal Been, Taluka Jati District Thatta by out falling Malkani drains into sea creek.

2. It was informed to the forum that feasibility study for drain needed as per directive of the CM Sindh. It was responded by the Director Monitoring , I&P Department that scheme is already included in the ADP 2009-2010 and agreed to provide feasibility report of the proposal of the disposal/out falling of drainage in the Malkani out fall. However Special Secretary (Tech) P&D Department suggested that since scheme is already included in current year ADP, the study may not be mandatory.

3. During discussions the Technical Section pointed out that cost estimate of the main activities were on higher side like Drainage crossing, Bridges, Buildings inlets , cartage of material , therefore AD to review/reduce the cost and structure. AD agreed to rationalize the cost estimate, besides the provision of the land acquisition of 223 acres of land for which an amount of Rs.16.380 million proposed were observed on higher side and suggested by the forum that cost of land acquisition should be deleted as a contribution from beneficiaries, however, AD agreed to review/reduce the cost of land acquisition and cartage of material.

4. On a query the concerned SE responded that criteria/selection for provision of drain crossing inlet, bridges with clear technical parameters and clear design/cross section including out fall system would be incorporated in the PC-I. During discussions, the concerned XEN confirmed that scheme has been submitted on the basis of the field survey/contour and all factors at out fall point for safe disposal into sea creek has been considered and confirmed that there would be no back flow/impact on the system.

**DECISIONS**

- (1) The scheme was cleared for PDWP subject to review/submission of more feasible details.
- (2) AD would modify PC-I with the rationalized cost estimate /prioritize the activities for structures, Drainage, Buildings, Earth works etc. and also reduce/rationalize the provision of land acquisition/cartage of material.
- (3) AD would submit certificate that required scheme framed on the basis of the field survey considering technical parameters, and have safe disposal of effluent into out fall system to sea creek and there would be no back flow and other negative impacts.



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**ITEM No. 2 CEMENT CONCRETE LINING OF FATEHPUR DISTRY FROM RD 00 TO 55+992  
(Estimated cost Rs.99.439 million)**

The forum was apprised that Fateh pur Minor off takes from Hala Branch at RD 58.8 District Matiari as such scheme prepared to provide water to tail enders through lining of Minor from RD 0 to 55.992

2. It was pointed out by the Technical Section that PC-I was very sketchy and without complete technical information/required details as per P&D Division's guidelines, besides cost of Rs.99.439 million for lining of 56 RD seem on high side and it needed to be rationalized with cost details of full discharge-command and cross sections.

3. The Special Secretary (Tech) suggested that AD may also look into other alternative solution for control of seepage of water like use of Geo-membrane instead of CC Lining. The Director Planning , I&P informed that Geo-membrane are not properly performed to control seepage, looking into past experience at James Minor at Nawabshah.

4. The forum was apprised that AD to indicate proper justification , present discharge of Fatehpur distry, increase in water in cusecs due to seepage control, increase in CCA, crop production and other benefits after lining.

5. The Sr. Chief (W&P) informed that Federal scheme of the Lining of Distributaries/Minors in Sindh at a cost of about Rs.14 billion Priority-I is under implementation , therefore, AD may book this scheme into it, if necessary . The SE Rohri responded that subject scheme was not included in any programme of Lining and needed to supply water to tail enders through control of seepage.

**DECISIONS**

1. The scheme was returned to AD subject to field visit and decision on merit keeping in view the existing cropping intensity of channel and its consideration in Technical Committee at later stage in the lights of comments offered in Working Paper.



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**M**INUTES OF TECHNICAL COMMITTEE MEETING HELD ON 11-8-2009 IN P&D DEPARTMENT REGARDING WATER & DRAINAGE SECTOR PROJECTS.

(LIST OF PARTICIPANTS AT ANNEXURE -I)

**ITEM NO. 3: CONSTRUCTION OF STONE PITCHING LEFT SIDE ALONG DADU CANAL FROM RD 10+440 TO 23+000 NEAR SUKKUR BYE PASS ROAD  
(Estimated Cost Rs. 133.390 Million)**

After words of welcome from chair, the forum was apprised that the scheme has been include in the ADP 2009-10 portfolio at G. No.195. The objective of the scheme was to save Dadu Canal from any likely damage due to drawing enhanced discharges to meet the future demands of the area under the command of the canal situated in the newly carved out district of Jamshoro. Moreover, the proposed reaches passes through the populated area and the Sukkur Airport as well. Canal runs below the ground level and it slides due to the seepage from the adjoining area causing damage to Sukkur Bye Pass road and the land under the jurisdiction of the Sukkur Airport. Therefore, section of the canal is proposed for stone pitching.

2. It was informed to the forum that cost of the few item of work was to high i.e. cost of the cartage has been exorbitantly high, almost 100% to the civil works, which may be rationalized. The chair advised to re-work out the quantities at rationalize the cost for major item of works specially cartage of material and also to review the design for laying of apron in the bed.

3. After detail discussion it was decided that I&P Department would correct/modify the PC-I in light of the discussions held during the meeting and observation raised in the working paper.

**Decision:**

- i. Scheme was recommended for PDWP at reduced cost.
- ii. A.D would modify / correct the PC-I in light of discussions held during the meeting and observations raised in the working paper for consideration of the PDWP forum at rationalized cost, prioritize the activites and review design parameters specially stone pitching / apron in the bed duly certified by Chief Engineer.
- iii. A.D would look into high cost of item of works and rationalize the same.
- iv. A.D would submitted correct / modified PC-I for consideration of PDWP.



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**ITEM NO. 4: STONE PITCHING & RETAINING WALL AT SOME WEAK PORTIONS OF BEGARI BETWEEN 32 MILE & 34 MILES (Estimated Cost Rs. 142.756 Million)**

After words of welcome from chair, the forum was apprised that the scheme has been included in the ADP 2009-10 portfolio at G. No.222. It was informed to the forum that Irrigation & Power Department has proposed the scheme to provide Stone Pitching with Apron & Retaining Wall at some weak portions of Begari Canal between 32 Miles and 34 miles and do some earthwork for passing maximum discharge safely to ensure supply to Tail Enders of the system.

2. It was informed to the forum that quantities of item of work was too high and has not been calculated on the revised schedule of rates for cartage through the 97<sup>th</sup> Standing Rates Committee, which has been circulated to all the concerned. On the request of sponsors scheme was withdrawn and deferred for the next Technical Committee meeting. It was also advised to the I&P Dept. that proposal for constructing Retaining Wall may be reviewed looked into which is very costly and burden on the Provincial Exchequer.

3. The forum agreed to withdrawal / return of the scheme for review / correction / modification of the scheme.

**Decision:**

i. Scheme was with drawn by the sponsors and deferred by the forum for the next Technical Committee meeting in lieu of replies from A.D as comments offered in Working Paper.



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**ITEM NO. 5: CONSTRUCTION OF BUNDS ALONG MALIR RIVER FROM RD 26.5 TO 39.5 LEFT SIDE (Estimated Cost Rs. 83.169 Million)**

After words of welcome from chair, the forum was apprised that the scheme has been included in the ADP 2009-10 portfolio at G. No.225. This scheme was proposed for constructing protection to the Bund on left side along Malir River in order to secure main course of Malir River from in the days of heavy downpour on the upstream and surrounding area. It was informed that protection work has also been proposed due to impact of another scheme at upstream side for conservation of water. The reach of Weir-I (Artificial Lake) from RD 19.5 to 39.5, out of which stone pitching along the bund has already been provided from RD 19.5 to 26.5 with inner side slope through the namely "Construction of Artificial Lake along U/S of Detention Weir No:1 across malir River @ RD 19.5. The remaining portion of Bund from RD 26.5 up to 39.5 was proposed for stone pitching through this scheme which will protect area from rain storm flood, water pollution and illegal encroachment by the land mafia along the main river course. The forum suggested that A.D may also consult with District government as area belong to them who would also be responsible for the O&M Works.

2. The forum was also informed that scheme had not considered the revised rates for cartage which were enforced w.e.f 1<sup>st</sup> July 2009 through the 97<sup>th</sup> Standing Rates Committee and has also been circulated to all the concerned. The forum agreed to the scheme in principle for consideration of the PDWP forum but would be brought to the PDWP forum after detailed field visit of the scheme by the Technical Section. Sponsors of the scheme would correct / modify the scheme in light of the discussion / observation raised in the working paper.

3. After detail discussion it was decided that I&P Department would correct/modify the PC-I in light of the discussions held during the meeting and observation raised in the working paper and correct the cost of the cartage as per recommendation of the Standing Rates Committee.

**Decision:**

- i. Scheme was recommended for PDWP subject to combined field visit report by the Technical Section of P&D Dept.
- ii. A.D would modify / correct the PC-I in light of discussions held during the meeting and observations raised in the working paper. A.D would look into high cost of item of works and rationalize the same for consideration of the PDWP forum.

**List of Participants**

**Technical Committee Meeting held on 11-8-2009**

**Planning & Development Department**

- i. **Dr. Noor ul Haq**  
Special Secretary (Dev.) / Chief Economist **In Chair.**
- ii. Ms. Rehana G. Ali Memon  
Special Secretary (Technical)
- iii. Mr. Fazal A Nizamani  
Senior Chief (Water & Drainage)
- iv. Mr. Din Mohd Talpur  
Chief (Development / Coord.)
- v. Mr. Faizullah Khatri  
Assistant Chief (Water & Drainage)
- vi. Mr. Ghulam Murtaza Abro  
Assistant Chief (Water & Drainage)

**Finance Department**

- vii. Mr. Abdul Hammed Khaskheli  
S.O (Dev.-II)

**Irrigation & Power Department / SIDA**

- viii. Mr. Zaheer Hyder Shah  
Director, M&E Cell
- ix. Mr. Baber Hussain Effendi  
S.E, Rohri Main Canal
- x. Mr. Khalid Ahmed Larik  
S.E, KIC
- xi. Mr. Abdul Rehman Nizamani  
S.E, L.S.D.C, Hyd.
- xii. Mr. Javed Ahmed Memon  
XEN Drainage Tando Mohammed khan
- xiii. Mr. Zarif Kehro  
XEN Sukkur Barrage.
- xiv. Mr. Ikramullah Quershi  
XEN, Hala
- xv. Mr. Dur Mahammed Bahalakani  
XEN, begari Guddu Barrage