

# PUNJAB IRRIGATION DEPARTMENT



## Contingency Plan for Monsoon Season 2017

**Compliance/Status of decisions taken in 51<sup>st</sup> Annual Meeting of FFC review during 1<sup>st</sup> Pre Monsoon Season 2017 meeting held on 28<sup>th</sup> March 2017(by FFC), including arrangements for 2017 Monsoon Season.**

## **DECISION NO.(1)**

**Provincial Irrigation Departments & Federal Line Agencies will vigorously follow up their cases regarding pending approval of new flood protection schemes & release of funds under Normal/ Emergent Flood Program of PSDP (2016-17) so as to accelerate the pace of implementation in order to complete all new/ongoing flood protection schemes before the start of upcoming monsoon season 2017.**

## **NEW SCHEMES PROPOSED UNDER NORMAL / EMERGENT FLOOD PROGRAMME (PSDP) DURING 2016-17**

**Allocation = Rs.225.000 Million - Released by FFC = Rs. Nil**

<b>Sr. No.</b>	<b>Name of the scheme</b>	<b>Approved Cost (Rs. in Million)</b>	<b>Funds Released/ Expenditure / (Rs. in Million)</b>	<b>Remarks</b>
1.	Extension of existing J-Head Spur by 2400 feet at RD. 188+000 of Link No.1.	124.324		PC-I cleared by Scrutinizing Committee on 07.02.2017. Now under process of approval by CDWP. Work is planned to be completed before 30.06.2018.
2.	Checking erosion from RD 458 to 465 Extension Minchin Flood Bund in Dallas Canal Division Rahimyar Khan.	136.906	-	PC-I cleared by PDWP on 26/05/2017 has been recommended by Scrutinizing Committee of FFC meeting held on 10.05.2017.

## **STATUS OF FUNDS RELEASED AND UTILIZED DURING FINANCIAL YEAR (2014-15, 2015-16 & 2016-17)**

*Rs. in Million*

Year	Allocation	Released By FFC	Funds released by F.D Punjab	Status upto 30.06.2017			
				Utilized			Balance
				2015-16	2016-17	Total	
2014-15	382.500	382.500	382.500	206.736	-	206.736	175.764
2015-16	391.930	391.930	391.930	-	108.468	108.468	283.462
2016-17	-	-	-	-	-	-	-
<b>Total:-</b>	<b>774.430</b>	<b>774.430</b>	<b>774.430</b>	<b>206.736</b>	<b>108.468</b>	<b>315.204</b>	<b>459.226</b>

- Lapsed amount Rs.175.764 (2014-15)+Rs.283.462(2015-16)= Rs.459.226 under process of release with Administrative Department.
- Allocation of Rs.225.00 million for the year 2016-17 has not been released / received so far.

## PHYSICAL AND FINANCIAL PROGRESS ON IMPLEMENTATION OF FLOOD PROTECTION ON GOING SCHEMES

**Allocation = Rs.382.500 Million - Released by FFC = Rs.382.500 Million -**

**Released by F.D. Punjab = Rs.382.500 Million of (2014-15) Released during March, 2016**

Sr. No.	Name of the scheme	Approved Cost (Rs. Million)	Expenditure / Balance Required (Rs. Million)	Remarks
1	Construction of J-Head Spur at RD 20+000 and Spur at RD 25+000 Magasson Branch District Muzaffargarh.	590.92 (2014-15)	<u>172.908</u> <u>270.164</u>	Revised PC.I amounting to Rs.513.339 million. Approved by Scrutinizing Committee on 16.1.2017. 55-Copies of amended PC-1 has been submitted to FFC for its clearance by CDWP. <b><u>Work in progress</u></b> Financial =32% Physical =47%
2	Protecting Irrigation System near Head Regulator Bakaini, Area of Bait Daryai Gabbar Arrian from hectic erosive action of Indus River.	532.440 (2012-13) (Revised 2015-16)	<u>426.546</u> (2012-14) <u>105.786</u>	The scheme revised by CDWP on 29-10-2015. Administrative Approval issued on 08.02.2016 . Revised Estimate T.S is under process of verification with NESPAK. ➤ Financial =80% Physical =92%
3	Checking erosive action of Chenab River left bank near Gangwal, Papin Village upstream Marala Barrage	171.613 (2014-15)	<u>138.012</u> (2015-16) 5.063	<b><u>Work in progress</u></b> ➤ Financial =72% Physical =94% Work could not be completed due to none release of funds from Finance Department.

**NEW SCHEMES UNDER NORMAL / EMERGENT FLOOD PROGRAMME (PSDP)  
DURING 2015-16**

Allocation = Rs.427.500 million  
Released by FFC = Rs. 391.930 million  
Released by FD Pb = Rs. 391.930 million

*(Rs. In Million)*

Sr. No.	Name of the scheme	Approved Cost	Contract Cost including contingency	Expdr. Ending 30.06.2017	Physical / Financial Progress	Remarks
1	Restoration of J-Head Spur at RD.165+000 of Link No.1	246.980	69.596	39.324	<u>85%</u> 56%	To be completed before 30.06.2018
2	Restoration of J-Head Spur at RD.167+000 of Link No.1	144.950	58.303	56.043	<u>100%</u> 99%	Completed

## **DECISION NO.(2)**

Provincial Irrigation Departments & Federal Line Agencies will ensure to carry out pre-flood monitoring of flood protection infrastructure (*flood bunds, spurs, Barrages/Head Works and allied works etc.*) alongwith concerned Corps of Engineers of Pak Army and ensure strengthening of all weak sections of bunds/spurs etc. well before the start of Monsoon Season 2017 (by/before 15thJune 2017).

### **Reply:**

Pre-flood inspection by Departmental Teams of flood protection infrastructure (*flood bunds, spurs, Barrages/Head Works and allied works etc.*) alongwith Pak Army & District Administration has been completed before 15.06.2017 and short-comings pointed out has almost been rectified by the field formation.



### **DECISION NO.(3)**

**Provincial Irrigation Departments & Federal Line Agencies will ensure completion of strengthening work of all critical points/weak sections of flood protection infrastructure (flood bunds, spurs, Barrages/Head Works and allied works etc.) including flood damages restoration works related to Irrigation, Drainage & Flood Protection Infrastructure by/before 15th June 2017. The compliance report would be submitted to FFC soon after completion of the task.**

# Flood Protection Works

## ❑ On-going Annual Development Plan

- Total works: 25 (72%)
- Cost: Rs. 18290m
- Total expenditure: Rs. 12842m
- Release (2016-17): Rs. 5046m
- Utilization (2016-17): Rs. 4746m (94%)
- To be completed by end of July 2017

## ❑ Maintenance and repair funds

- Major works: 100
- Cost: Rs. 1799m
- Completed: 87
- Works in progress: 13
- To be completed by end of July 2017

## ❑ New Annual Development Plan

- Total works: 19
- Cost: Rs. 14252m
- Release (2016-17): Rs. 3635m
- Utilization (2016-17): Rs. 3598m (99%)
- To be completed this year: 4

## ❑ Public Sector Development Program

- Total works: 9
- Cost: Rs. 4651m
- Total expenditure: Rs. 980m
- Releases (2016-17): Rs. 288m
- Works to be completed during 2017-18

## **DECISION NO.(4)**

Provincial Irrigation Departments & Federal Line Agencies will finalize District/ Division-wise Flood Fighting Plans, keeping in mind lessons learnt during the past consecutive flood events and ensure their circulation among concerned organizations by/before 15th June 2017.

## **Reply:**

54 No. Flood Fighting Plans of flood related divisions have been circulated among all the stakeholders.

## **DECISION NO.(5)**

**PID Punjab including NHA, Pak Railways will ensure arrangements of explosive and others material at sites of pre-determined breaching sections and stone reserve stock/ flood fighting material to be arranged at all critical reaches of flood embankments as identified during pre-flood inspections before start of monsoon season 2017 (before 15th June 2017).**

## **Reply:**

**The flood fighting material has been arranged, the detail of explosive material and reserve stock of stone is shown in next slides.**

# STATUS OF EXPLOSIVE MATERIAL

Zone	Irrigation Division	Payment Made to Pak Army (Rs. m)	Purpose	Remarks
Bahawalpur	Panjnad HWs	22.35	Construction of Explosive magazine	Further arrangements has to be done by Pak Army.
Multan	Shujabad Canal	22.42	Explosive material	
	Sidhnai Barrage	5.33	Explosive material	
Lahore	Gujranwala Canal	5.80	Explosive material	
DG Khan	Muzaffargarh Canal	33.00	Explosive material	

# RESERVE STOCK OF STONE

Zone	Sanctioned (in lac cft)	Minimum 70% (in lac cft)	Available (in lac cft)	Available (%)	Deficiency (in lac cft)
DG Khan	181.340	126.938	92.968	51%	88.372
Multan	38.600	27.020	33.276	86%	5.324
Faisalabad	44.890	31.423	34.602	77%	10.288
Bahawalpur	64.520	45.164	44.900	70%	19.620
Lahore	90.864	63.6048	30.524	34%	60.340
Sargodha	81.330	56.931	29.326	36%	52.004
PMO Barrages	32.900	21.630	22.860	74%	8.040
Total	534.444	372.7108	288.456	61%	243.988

**Note:-** Ample quantity of stone is available at vulnerable sites.

## **DECISION NO.(6)**

**PID, Punjab will ensure completion of strengthening works of “Minchin Flood Bund”, “Mashko Flood Bund” & Jhelum Flood Protection Bund through Provincial resources well before the start of monsoon season 2017.**

### **Reply:**

#### **Minchin Flood Bund & Mashka Flood Bund**

Physical progress of Minchin Flood Bund is 75% and will be completed by 31 July,2017.

Mashka Flood Bund was taken up under M&R, 30% work has been done by Departmental Machinery. Work will be completed on receipt of funds and site is safe to face the flood 2017.

#### **Jhelum Flood Protection Bund**

The work has been awarded by Project Implementation Unit (PIU). Contractor will mobilize shortly.

## **DECISION NO.(7)**

**PID, Punjab {Chief Engineer (Irrigation), Lahore Zone} to expedite action regarding preparation of a comprehensive & implementable/feasible project proposal (socially, environmentally & politically acceptable proposal) in consultation with all concerned organizations including concerned Corps of Engineers of Pak Army regarding the long outstanding issue of “*Enhancing the discharge capacity of Shadara Railway Bridge across River Ravi*”. Thereafter, the PC-I may be prepared by PID Punjab in consultation with all concerned organizations and process the same on priority basis for approval and funding arrangements. Meanwhile, all necessary short term/ pre-emptive measures may also be taken by PID Punjab on war footing basis for safe passage of flood flows during the monsoon season 2017.**

## **REPLY:**

- i. The Contingency Plan for breaching section at Shadara Bridge has been formulated by department and forwarded to Federal Flood Commission vide D&F letter No.D&F/2017/3069/64/74 dated 3.7.2017.
- ii. Chief Engineer Lahore Zone convened meeting on 22.3.2017, 29.03.2017, 13.04.2017, & 28.04.2017 regarding “**Enhancing the discharge capacity of Shadara Railway Bridge across River Ravi**”. Representative of SNGPL , Pak Railway, DC Lahore ,S.E Highway Lahore & Chief Engineer Drainage & Flood Zone attended meetings, detailed discussion on the issue were carried out and final decision will be made shortly.



## **DECISION NO.(10)**

**Provincial Irrigation Departments & Federal Line Agencies will ensure to expedite the on going process of removal of encroachments from flood Protection infrastructure and flood plains before start of Monsoon Season 2017 (by/before 15th June 2017). The updated compliance report may be submitted to SUPARCO without further delay under intimation of FFC, which would be reviewed during the next quarterly progress review meeting of FFC, likely to be organized shortly.**

# PRESENT STATUS OF ENCROACHMENTS

Zone	Encroachments reported	Encroachments removed	Remarks
DG Khan	1397	-	<ul style="list-style-type: none"> <li>▪ Respective district administration being approached by the concerned Executive Engineers for removal of encroachments along embankments</li> <li>▪ List of most critical encroachments which are unavoidable also shared</li> <li>▪ Anomalies shared in detail with SUPARCO vide No.D&amp;F/2017/2315/2/2015 dated 17.5.2017 &amp; No.D&amp;F/2017/2442/2/2015 dated 22.05.2017 under intimation to FFC.</li> </ul>
Multan	1300	415	
Bahawalpur	709	101	
Lahore	82	-	
Sargodha	93	-	
Faisalabad	-	-	
LBDC (IP)	-	-	
PMO Barrages	-	-	
Total	3581	516	

## **DECISION NO.(11)**

**PIDs, FLAs including NDMA /PDMAs/ GB-DMA/ FDMA/ SDMA to prepare their Contingency Plans for monsoon season 2017 and share hard as well as soft copies of the same with all concerned organizations including FFC for uploading on its website.**

## **Reply:**

**Contingency Plans for monsoon season 2017, prepared by concerned flood related 54 Nos. irrigation Divisions, have been shared with concerned organizations. More over Hard & soft copies have also been shared with F.F.C.**

## **DECISION NO.(18)**

**Provincial Irrigation Departments & Federal Line Agencies will ensure submission of all necessary flood information/ rivers flow data to all concerned agencies including FFC & FFD, Lahore, regularly on daily basis, during the entire monsoon season**

## **Reply:**

**Flood Warning Centre, Punjab has started functioning with effect from 15.06.2017, all stake holders included FFC & FFD is being regularly informed on daily basis.**

**THANKS**