

## **DIRECTORATE OF COMMAND AREA DEVELOPMENT: JAMMU**

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### **CITIZEN’S CHARTERS**

The main objective of the exercise to issue the Citizen’s Charter of a Department is to improve the quality of public services. This is done by letting people know the mandate of the concerned Department, how one can get in touch with its officials, what to expect by way of services and how to seek a remedy if something goes wrong. The Citizen’s Charter does not by itself create new legal rights, but it surely helps in enforcing existing rights. The website provides the details of Citizen’s Charter of Department.

## **OUR VISION**

Our Department is committed to accord high priority to water conservation and its management, for this the stress is being laid on the vision of extending the coverage of irrigation scheme **“Har Khet Ko Pani”**a **sub scheme under PMKSY** and improving water use efficiency in a focused manner with end to end solution on source creation, distribution, management field application and extension activities.

Command Area Development, Jammu since its inception in 1974-75 as Centrally Sponsored Scheme by the Ministry of Water Resources, Govt. of India, is functioning in an integrated manner with the main objective to reduce the gap between irrigation potential created and potential utilized with efficient management of irrigation water so as to raise the production and productivity level of different crops.

## **OUR MISSION**

To reduce seepage and percolation losses and improving water use efficiency by constructing field channels from outlet to the farmers fields, enforcing warabandi through Water Users Associations, educating farmers regarding consumptive use of irrigation water and construction of field drains, to increase agriculture production and crop intensity thus bringing much desired rural prosperity.

## **DIRECTORATE OF COMMAND AREA DEVELOPMENT: JAMMU**

### **MAIN AIMS, OBJECTIVES & FUNCTIONS OF THE COMMAND AREA DEVELOPMENT & WATER MANAGEMENT (CADWM) PROGRAMME**

#### **INTRODUCTION:-**

Command Area Development, Jammu, since its inception in 1974-75 as Centrally Sponsored Scheme by the Ministry of Water Resources, Govt. of India is functioning with the objective of bridging the Gap between the Irrigation Potential Created and the Potential Utilized by intercepting the Seepage and Percolation losses and improving water use efficiency by constructing Lined Field Channels from outlet to the tail end of the farmers fields, Educating farmers regarding Consumptive use of Irrigation Water and construction of field drains through various Schemes.

#### **OBJECTIVES:-**

- a. To provide irrigation facilities up to farmer's field.**
- b. To bridge the gap between irrigation potential created and potential utilized with efficient management of irrigation Water.**
- c. Conjunctive use of ground and surface water.**
- d. Preparation of land prior to creation of irrigation potential.**
- e. Farm education, Demonstrations, Training and Agriculture Extension facilities.**
- f. To demonstrate utility of proper and efficient water management.**

#### **Goals of the Department:-**

The main emphasis is to extend the irrigated area by Managing Water Resources of various gravity, lift irrigation schemes for proper water management among user groups.

- a. Major and minor schemes extending in the Inter-Districts for various culturable Command Areas can be taken up with proper representation of each district.
- b. To reduce the gap between irrigation potential created and potential utilized with efficient management of irrigation water.
- c. To raise production & productivity levels in the identified commands through assured irrigation.

### **OBJECTIVES**

Command Area Development and Water Management (CADWM) programme, a Centrally Sponsored Scheme is being implemented in our Union Territory 1974-75 with the main objective of reducing the gap between irrigation potential created & potential utilized. The programme aims at enhancing agriculture production and productivity by judicious and equitable distribution of the available irrigation water with active involvement of farmers. Improving water use efficiency in irrigation and providing assured supply of irrigation water to every farm field.

Creation of new water sources through Minor Irrigation (both surface and ground water)

1. Command Area Development, strengthening and creation of distribution network from source to the farm.
2. Improvement in water management and distribution system. At least 30% of the command area to be covered under micro/precision irrigation. (Sprinkler & Drip system);

3. Repair, restoration and renovation of water bodies; rain water harvesting structures;
4. Creation and rejuvenation of traditional water storage system.

### **Impact of Irrigation in increasing the production, productivity and income of the farmers:**

The availability of Irrigation facility can increase the income of the farmers in 3 ways, which can be deliberated in the following points;

- i. Increase in Production:**
- ii. Increase in Productivity:**
- iii. Change in the cropping pattern:**

### **Transfer of control and management of irrigation system to WUAs:**

Control and management of Irrigation system which includes upkeep and maintenance will be carried out by the Water Users Associations (WUAs) which will consist of the beneficiaries of that particular area. For the purpose of cost estimation, the number of WUAs has been estimated by assuming one WUA per 500 hectare of CCA; The project will be considered completed once it is transferred to the WUAs under the PIM Act once it comes into power.

A proposal for enacting of PIM Act in the State of J&K stands already submitted to the Administrative Department for further action in this regard.

## ➤ Schemes

### 1. PMKSY/ISBIG (HKKP) Scheme features

- i. Incentivisation of central assistance for better performing projects;
- ii. Assurance of financial support for central assistance as well as counterpart funding by the States and with time bound targets, in a Mission mode;
- iii. Extensive Coverage to fully bridge the existing (known) IPC-IPU gap;
- iv. Enhanced Micro-Irrigation targeting 30% coverage;
- v. Community based Solar Power System for Micro-Irrigation;
- vi. Conjunctive use of ground water;
- vii. Canal automation for introducing control & measurement;
- viii. Reuse of municipal and industrial waste-water in irrigation sector;
- ix. Deeper penetration of Water Education and
- x. Participatory Irrigation Management to be the focal-point of Scheme.



## **2.RKVY**

In Jammu Province under Rashtriya Krishi Vikas Yojana (RKVY), 06 projects are under implementation since 2010-11 in districts Udhampur, Samba, Kathua, Ramban, Doda and Kishtwar. Under these projects field channels/field drains are being constructed which result in optimum utilization of irrigation potential created by the Irrigation department which in-turn increases production as well as productivity of the crops grown by the farmers. The estimated revised cost of the projects under implementation is **Rs. 924.51 lacs** against which **Rs. 569.443** lacs stand utilized up to March, 2021 by covering an area of **2577 ha.** against the target of **3589.36 ha.** A Balance of **Rs. 352.347 lacs** is still required for the completion of these ongoing schemes to cover an area of 1004.21 ha. under field channels. The projects of Ramban and Kishtwar districts are closed.

### **3.CAPEX BUDGET**

Remodelling and reconstruction of old field channels under the following projects:-

- i. Ravi Tawi/KKC CAD project.
- ii. Ravi CAD Project.
- iii. Duddar Canal CAD Project.
- iv. Rajal Canal CAD Project.
- v. Reasi Shiv Ganga CAD Project.
- vi. Rajouri Pir Panchal Ist CAD Project.
- vii. Border Panchayat Cluster Block Rajpura CAD Project.
- viii. OFD Works in Udhampur District IFS CAD Project.
- ix. Tail end project of Kathua District.

### **4. NABARD PROJECTS Under Submission**

- i. Panchayat-Taloor CAD Project Block Sumb.
- ii. Border Panchayats Cluster CAD Project.
- iii. Pai Canal CAD Project.
- iv. Hiranagar Cluster Kathua CAD Project.
- v. Natural Sources of Udhampur CAD Project.
- vi. Rejuvenation of Heritage Project on Ujh Canal.
- vii. Rejuvenation of old FC under Ranjan Canal.
- viii. Rejuvenation of old water bodies of Udhampur District.
- ix. Rejuvenation of old FC on Panthal Canal.

## **Impact of Irrigation in increasing the production, productivity and income of the farmers:**

The availability of Irrigation facility can increase the income of the farmers in 3 ways, which can be deliberated in the following points;

**iv. Increase in Production:**

**v. Increase in Productivity:**

**vi. Change in the cropping pattern:**

### **PROGRAMME COMPONENTS:**

#### **1. Topographical Survey :-**

Topographical survey is carried out departmentally by the technical staff in the Command Area of the project for fixing alignment for construction of Field Channels, Field Drains. The beneficiaries on the basis of alignment voluntarily contribute the required land for the purpose.

#### **2. Construction of Field Channels :-**

Field Channels is the core component under CAD&WM Programme. The field channels facilitate in carrying out water from outlets of minors, distributaries etc. up to tail ends at very short time preventing loss of seepage in agriculture land. This helps in rotational water supply in judicious manner to each field to achieve higher production.

### **3. Construction of Field Drains :-**

Field drains help in draining out surplus water from the agriculture land to main and trunk drain. This prevents water logging in the crop field by which higher productivity is achieved and it helps in taking up cash crops after draining out the excess water from the field.

### **4. Farmer's Training :-**

Training camps are organized in villages to educate the farmers on water management and crop management. This is important activity for educating the farmers to adopt modern technologies for proper regulation of available water resource which will help in achieving high production and productivity.

### **5. Crop Demonstration :-**

Demonstrations are carried out on the farmer's field to show them practically, how to adopt suitable cropping pattern and use of balanced dose of inputs with proper management of available water.

## **ROLE OF ADHOC WATER USERS ASSOCIATION**

Under the Command Area Development programme the execution of Field Channels and Field Drains are taken up through JK e-tendering systems with the close supervision of the technical personnel of CAD organization.

The Water Users Association plays a key role in motivating the farmers for the land donation. The Water Users Association takes keen interest in maintaining the quality of work allotted to the contactors through e-tendering for execution. After execution the works are handed over to Water Users Associations for operation and maintenance.

## **Job Chart of Project Officers Command Area Development Jammu/Samba.**

1. The Project Officers , CAD are responsible for smooth and timely implementation as well as completion and monitoring of projects taken up under different schemes such as CAD&WM and RKVY.
2. Project Planning Preparation of new projects and overall supervision of the works related to on Farm Development works.
3. To impart technical guidance and financial advices to Assistant Soil Conservation Officers in respect of Jobs assigned to them.
4. Check measurement of works to the extent of 20% of works.
5. Responsible for timely submission of report and returns including utilization certificates of all funds allotted to him under different projects/ schemes.
6. To Check and accord technical sanction of estimates up to Rs 5.00 lacs for OFD Works.
7. Administrative Inspection of Subordinate Offices including Physical Verification of stores.
8. Any other duties/ responsibilities which may be assigned to him from time to time by the Directorate.

## **Job Chart of Assistant Soil Conservation Officers**

1. To conduct Survey, Planning and preparation of project reports and implementation of all the activities sanctioned in project after full- filling all codal formalities.
2. To exercise the power of DDO's and Head of office in respect of his office.
3. Check measurement of works executed by contractor WUA's upto 75%.
4. To Co- ordinate in timely submission of reports and returns of all ongoing schemes to proper quarter.
5. Checking of plan and estimates of OFD Works.
6. Manage monitor and review the overall project implementation.
7. To study the impact of scheme on the production of crops after implementation from time to time.
8. To provide technical guidelines to Soil Conservation Assistants & Field Assistants.

## **Job chart of Soil Conservation Assistants**

1. Each Soil Conservation Assistant remains in charge of 4 Field Assistants under his control and is responsible for effective implementation of projects/ works assigned to his section.
2. To guide the Field Assistants in collection of basic data of area falling under his section and to compile the data of his section and to submit the same to Assistant Soil Conservation Officer Concerned.
3. To visit the area under his jurisdiction and check/ measure the works executed in his section.
4. To guide Field Assistants in selecting the farmers for taking up OFD Works.
5. To Prepare Project reports, Technical maps, plans from field survey data.
6. To provide technical guidance to Field Assistants and contractors.
7. To manage project implementation.
8. Monitor and review the overall project implementation.
9. To make 100% check measurements of the OFD works executed under his Jurisdiction.
10. To check the work register maintained by Field Assistants.
11. To record the work done in the measurements book with his signatures upon which the checks is to be exercised as defined to the respective capacities.
12. To prepare the estimates of OFD Works being executed under his jurisdiction.
13. To be physically present in the field and execute the OFD works assigned to him through the contractors concerned.