



GOVERNMENT OF ODISHA  
DEPARTMENT OF WATER RESOURCES

**Name of Work:** Implementation of Resettlement Action Plan (RAP)  
for Construction of Additional Spillway of Hirakud  
Dam on Left of Gandhi Hillock, Burla, Odisha, India.

Under the Dam Rehabilitation and Improvement Project (DRIP)

IBRD Loan No. 7943-IN  
IDA Credit No. 4787-IN

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## INFORMATION ON

**The Project:** Construction of Additional Spillway of Hirakud Dam

**THE ASSIGNMENT:** “Implementation of Resettlement Action Plan” for Construction of Additional Spillway of Hirakud Dam, on Left of Gandhi Hillock, Burla, Odisha -India

### A. Background

India has 5,254 large dams in operation - the third largest in the world, besides many other smaller size dams. As a good number of dams are quite old, the situation has compelled attention towards undertaking remedial measures for ensuring their safety. In this context, the Central Water Commission (CWC), Government of India (GOI) sought assistance from the World Bank in 2012 and embarked upon a six-year long Dam Rehabilitation and Improvement Project (DRIP) covering 223 dams spread across seven states – Kerala, Madhya Pradesh, Odisha, Tamil Nadu, Karnataka, Uttarakhand and Jharkhand. The project has three components: i) Rehabilitation and Improvement of Dams and Associated Appurtenances focusing on structural and non-structural measures at project dams, ii) Dam Safety Institutional Strengthening focusing on regulatory and technical frameworks for dam safety assurance and iii) Project Management focusing on overall project coordination and management in each participating state. The project is currently in the fifth year and has been extended up to 29.06.2020, proposes to undertake a major remedial measure in Odisha - the Hirakud Dam.

### B. Project context

Hirakud Dam is a multipurpose project built across Mahanadi river, about 15 km upstream of Sambalpur town in Odisha and was commissioned in the year 1957. The proposed intervention - Construction of an Additional Spillway on the Left Dyke of the Dam-comprises the following components: a Spillway with 5 Radial gates with a release capacity of about 3.20 lakh cusecs, an Approach Channel first 714 m width is 120 m and rest 1.186 km width is 200 m, and a Connecting New Dyke having a length of 1.15 km. The Additional Spillway at left dyke will pass through and encompass seven habitations resulting in significant resettlement related impacts. To address this, Water Resources Department (WRD), Government of Odisha (GoO) has prepared a Resettlement Action Plan (RAP) based upon an Environmental and Social Management Framework (ESMF) approved for the overall project by the State/ National Governments as well as the World Bank.

### C. RAP Preparation

The RAP preparation was participatory with several rounds of consultations, focus group discussions and has been well disseminated. It was prepared following a census study which led to an understanding of the baseline situation analysis and social impact assessments. Adverse impacts arising from the spillway construction include: a) displacement of 716 households comprising 1415 families and 3022 persons. b) loss of all 622 residential and commercial structures comprising 152 Pucca and 470 semi-pucca structures including 20 shop/ Kiosks, c) impact on 455 vulnerable groups/ persons (BPL, widow, Divorcees, Female headed households, orphans, persons with disabilities), d) loss of common property resources and social services institutions such as Community hall, Kalyan Mandap and Anganwadi center, impact on livelihood, loss of business due to loss of clientele, loss of employment for persons dependent, small enterprise and wage labor. The households are spread across seven habitations/ colonies and all of them are in an urban area and some 120 households had undergone displacement during the construction of the dam nearly sixty years back. Unfortunately, none of the 716 households own title to the land/ house and are considered as

‘squatters’. For more details, refer to <https://www.damsafety.in> for Resettlement Action Plan of Additional Spillway of Hirakud Dam.

#### **D. Objectives of the Services**

The objective of the services is to execute all activities as listed in the RAP. The experts will be required to:

- i. to act as main link between the Hirakud Dam Authority, SPMU, DoWR, GoO and PAPs;
- ii. liaise with relevant departments e.g. Sambalpur Municipal Corporation, District Administration and other relevant departments and civil works contractor, etc. to execute/ facilitate RAP activities;
- iii. to support Hirakud Dam Authority including Special LA&R&R officer in verification of PAPs listed in the RAP;
- iv. develop rapport with PAPs by undertaking public information campaign including preparation of relevant IEC material on rehabilitation and resettlement policy;
- v. carry out consultations with local people and local bodies/ Sambalpur Municipal Corporation with regard to relocation, rehabilitation, reconstruction of affected common property resources (CPRs) as well as availability of new facilities under the project;
- vi. identify training needs of PAPs for income generation and institutions for imparting training, generate awareness about the alternative economic livelihood and enable PAPs to make informed choice,
- vii. assist and facilitate aggrieved PAPs by bringing their cases to Grievance Redressal Committee (GRC);
- viii. participate in various meetings and submit monthly progress report and
- ix. carry out any other activities that may be required for the implementation of RAP

#### **E. Scope of the Services, Tasks and Expected Deliverables**

The Experts shall support Hirakud Dam Authority and SPMU, DoWR, Government of Odisha in implementation of the RAP and in mitigating the adverse effects of the project. Further, the Consultant shall assist Hirakud Dam Authority in ensuring social responsibilities of the Client, such as compliance with labour laws, prohibition of child labour, HIV/AIDS, gender and gender-based violence issues. The Experts shall be responsible to carry out the following specific tasks:

##### **1. Verification of PAPs and creation of Database of PAPs**

- support the Special LA &R&R Officer and Social Development Specialist in SPMU, Hirakud Dam Authority in undertaking verification of PAPs including actual measurement of the extent of total property loss/ damage and evaluation of the loss/ damage;
- verify the information already contained in the RAP and the individual losses of the PAPs and validate the same and make suitable changes, if required;
- during verification of eligible PAPs, experts shall ensure that each of the PAPs are contacted and consulted, including consultation with the women and vulnerable families;
- identify any private or community structure coming within the project area after the cut-off date of May 25, 2016 and notify the same to the project authority. The experts shall through consultation, facilitate removal of the ineligible project affected structures as project benefits do not apply to them;
- following the verification exercise, ensure display of the list of eligible PAPs in prominent public places like Panchayat Offices and other visible locations; and finally

- create database of the eligible PAPs along with their GPS coordinates;

## **2. Interaction with female PAPs**

- The Gender Expert shall interact with the female PAPs and enlighten them about their entitlements
- The Gender Expert shall assist the project authorities to undertake public information campaign to inform the affected communities of the RAP, the entitlement package, resettlement site options, timelines, Grievance redressal mechanisms, etc.
- The Gender Expert shall be present during verification of eligible PAPs, and shall ensure that each female PAPs are contacted and consulted;

## **3. Consultation**

- The experts shall assist the project authorities to undertake public information campaign to inform the affected communities of the RAP, the entitlement package, resettlement site options, timelines, Grievance Redressal mechanisms, etc.
- The experts shall educate the PAPs on their rights, entitlements and obligations under the Resettlement Action Plan by disseminating information on entitlements, resettlement site choices, etc.
- It shall explain to the PAPs the need for additional spillway, safety measures, broadly describe infrastructure that shall be constructed including timelines; the provisions of the policy and the entitlements under the RAP.
- The experts shall carry out consultations in separate groups by gender and caste in culturally appropriate manner as required to ensure effective participation in the implementation process.
- It shall support the SDS, Hirakud Dam Authority in identification of choice of resettlement site for each of the affected families. Special efforts will be made to elicit choices of women in respect of site and also associated infrastructure.
- The experts shall develop rapport between the PAPs and the Hirakud Dam Authority by ensuring periodic/ monthly meeting with both the Hirakud Dam Authority's representatives and the PAPs. All such meetings and decisions taken are to be documented
- The Gender Expert shall educate the female PAPs of the existing laws made by the Government of India and Odisha Government to safeguard their interests like Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013, Protection of Women from Domestic Violence Act, 2005.
- The Gender Expert shall educate the female PAPs of the existing laws/ schemes made by the Government of India and Odisha Government for nourishment and development of women and child, like vaccination schemes, prenatal and post natal schemes.

## **4. Listing of preferences for resettlements sites and site development**

- As part of the RAP, all PAFs will receive alternative plots for house construction.
- In this process, the experts will support project authority with respect to:
  - a) ascertain and document final preference of each PAFs to determine numbers at each resettlement site;
  - b) supporting district administration in mapping of resettlement sites among the displaced families;
  - c) helping finalise Resettlement site & allotment of plots while taking of special concerns of vulnerable groups;
  - d) provide inputs to develop the layout of resettlement sites- Stage I relocation and subsequently Stage II – relocation; and
  - e) provide inputs to develop infrastructural facilities at finalised resettlement site;

## **5. Distribution of Entitlement cum-Photo Identity Cards**

- After verification and enlisting of preferences of resettlement site options, the experts shall distribute identity cards to all eligible Project Affected Households (PAHs);
- the identity card should include a photograph of the head of the household, the extent of loss suffered due to the project and the choice of the entitlements with regard to the mode of compensation and assistance with necessary family details;
- the Identity Cards are to be signed by the Chief Engineer & Basin Manager, Upper Mahanadi Basin, Burla; and
- these ID cards will also have due entitlements listed

## **6. Preparation of Micro Plan**

- The experts shall prepare Micro Plans indicating category of entitlement, alternate livelihood options, resettlement site choice - rural or urban, skill up gradation and institutions responsible for training and
- Prepare a separate plan for shifting of community assets.
- The Gender Expert shall verify the micro plans of female headed households

## **7. Training and Support for Income Restoration**

- the experts shall be responsible for training and assisting the PAPs to establish linkages with government programmes;
- the consultant shall undertake Livelihood assessment of PAPs based on identification of Training needs, livelihood options for PAPs, market survey of trades
- The Gender Expert shall interact with the young girls pursuing higher education and educated them about future employment opportunities available to them
- The experts shall prepare individual Income Restoration Plan, as a part of the Micro Plan for all PAPs whose livelihoods are getting affected.
- The experts shall train eligible PAPs losing their livelihood, in suitable income restoration programs, depending on the skills and interest of the PAPs.
- Develop Female Headed Household action plan
- The experts shall explore the potential of employment opportunities with the civil works contractor and wherever possible ensure suitable employment with the contractors. This will include providing the list of people willing to work under contractors and to facilitate these types of jobs to PAPs and local people.
- The experts shall maintain the database for job opportunities created under the project both within the project and outside.
- The experts shall assist the PAPs to establish linkage with financial institutions for facilitating access to credit.
- The experts shall assist the PAPs to establish linkages with Government departments, district administration, etc. to ensure that the PAPs are included in the government development schemes, as applicable especially with reference to vulnerable groups such as pension schemes for senior citizens, schemes for women for women-headed household families, widow pensions, schemes for handicapped persons etc.
- The Gender Expert shall assist the interested women PAPs to establish linkage with the existing SHGs group and also to form new SHGs group as required.

## **8. Disbursement of Assistance and Relocation to resettlement sites**

- The experts shall ensure that PAPs obtain their full entitlements and provide advice on options, if any;
- The experts shall assist the PAPs in opening bank accounts explaining the implications, the rules and the obligations of a joint account and how he/ she can access the resources;
- It will support the project authority in release of installments of assistance amounts such as house building assistance, shifting allowance, replacement cost of structures, subsistence allowance, etc.
- The experts shall ensure proper utilisation by the PAPs of various grants available under the RAP. The experts will be responsible for advising the PAPs on how best to use any cash that may be provided under the RAP. The experts shall ensure proper utilisation of the Rehabilitation & Resettlement Budget available for the project.
- It shall assist the project authority in ensuring a smooth transition helping the PAPs to take salvaged materials and shift with proper notices the relocation process - Stage I (300 PAFs) and Stage II (1115 PAFs) and in close consultation with the PAPs,
- the experts shall inform the Hirakud Dam Authority about the shifting dates agreed with the PAPs in writing and the arrangements desired by the PAPs with respect to their entitlements;
- the consultant shall support the relocation of crematoria and other such common properties

## **9. Assistance to the Hirakud Dam Authority in activities with respect to HIV Awareness Campaigns/ Child Labour/ Gender Mainstreaming**

- The experts shall assist the Hirakud Dam Authority to implement information campaign/ advertisement in collaboration with existing health infrastructure and agencies such as, State AIDS Control Organisation;
- The experts shall ensure in collaboration with Hirakud Dam Authority & Contractor that medical facilities and health checkups which may include detecting STD/ AIDS for the workers are provided at the construction camps.
- The experts shall assist Hirakud Dam Authority to ensure that the contractors comply with applicable labour laws (including prohibition of child labour) and maintain conducive environment for women participation in the labour force.
- The experts shall assist project authority, and contractor to:
  - conduct mandatory and repeated training and awareness raising for the workforce about refraining from unacceptable conduct toward local community members, specifically women;
  - inform workers about national laws that make sexual harassment and gender-based violence a punishable offence which is prosecuted; and
  - provide specific facilities for women workers including, designated health centre, Day Crèche Facilities for workers with infants and small children, organising of construction schedule so as to exempt women workers from night shifts as far as possible;

## **10. Grievance Redressal**

- The experts shall make PAPs aware of the grievance mechanism set out in the RAP and shall assist PAPs who have grievances to pursue a suitable remedy. The experts shall help the PAPs to file a grievance application, particularly those who are illiterate or are physically challenged;

- The Gender Expert shall make the female PAPs aware of the grievance mechanism set out in the RAP as well as by the project authorities to address gender based violence and shall assist the female PAPs who have grievances to pursue a suitable remedy. The Consultant shall help the PAPs to file a grievance application, particularly those who are illiterate or are physically challenged;
- The experts shall maintain a log of the grievances directly received by them and forward the same to the designated complaint officer as per GRM within 7 (seven) days of receipt of the grievance from the PAPs. It shall submit a draft resolution with respect to the particular grievance of the PAP, suggesting solutions, if possible, and deliberate on the same in the GRC meeting through the Consultant representative in the GRC; and
- The experts shall assist in the Grievance Redressal/ resolution process whenever necessary.

## 11. Reporting

The experts shall attend meetings called for by the project authorities; keep them abreast of all developments relating to RAP implementation. In terms of formal reporting, it shall submit

- A monthly Report on progress of RAP implementation
- A completion report on implementation of RAP following completion of assignment

## F. *Qualification Requirements & Duties of the Experts*

The Experts' team shall comprise of following experts.

<b>Designation/Position</b>	<b>Numbers</b>
Gender Expert	1 (Female)
Community Organiser	1 (Female)

The qualification requirements of the Experts are given below:

- i. ***Gender Expert (Remuneration Rs.50,000.00 per month)***: The Gender Expert must be a female having Post-Graduation in Social Sciences. She should have about 7 years' experience in implementation of Rural development/ Community welfare programs. Knowledge of local language is a necessary qualification. She should have the ability to engage with women and marginalised groups. Should have completed community outreach and awareness work in at least 3 social welfare projects in the capacity of expert.
- ii. ***Community Organiser (Remuneration Rs.20,000.00 per month)***: The Community Organiser must be a graduate, female qualified sub professional as appropriate to fulfil the scope of work such as social mobilisers and having excellent skill in writing, reading and conversant in English, Hindi and Odia.

## G. Reporting Requirements & Time Schedule for Deliverables

The experts will submit reports as well as photographs, videotapes etc. taken during the assignment along with an electronic copy of the documents. All reports should be in English language only. However, the supporting documents can be attached in local language along with the translated versions/ summaries in English. The details of documents to be submitted are given below:

(i) **Monthly Progress Reports:** The experts shall submit monthly progress reports on the activities carried out during that month and proposed activities for the coming month. The monthly progress reports will include data on input and output indicators as required by the project, with work charts as against the scheduled time frame of RAP implementation. All progress reports shall include data on input and output indicators as required by the project.

The experts shall document in full details, the consultation/ counselling processes, the process of identification of the resettlement sites, and a full description of the training imparted (or facilitated) as part of the assignment. The progress achieved in land acquisition as per entitlements have to be documented. This documentation shall be submitted to the Project Authority as a part of the monthly progress report.

Copies of the monthly report have to be submitted to (i) Hirakud Dam Authority and (ii) SPMU, DoWR.

(ii) **Final Completion Report:** The experts shall submit a completion report at the end of the contract period summarising the actions taken during the project, the methods and personnel used to carry out the assignment, and a summary of supports/ assistance given to the PAPs, overall physical progress on the key activities under the RAP implementation.

(iii) **Records of Meetings:** The experts shall prepare minutes of the meetings of GRC, Gram Sabhas, meetings between Hirakud Dam Authority and PAPs etc. and submit to (i) Hirakud Dam Authority and (ii) SPMU, DoWR.

(iv) **Record of Grievances:** The experts shall record all grievances and the process of redressal documented and submitted to (i) Hirakud Dam Authority and (ii) SPMU, DoWR.

#### **H. Data, services and facilities to be provided by the Client:**

The Project Authority will provide copies of the RAP, Social Impact Assessment Report, PAP database, land acquisition details and any other relevant reports/ data prepared by the DPR Consultants. Also it will facilitate interaction through providing necessary letters of introduction

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