

FOREWORD

A National Perspective Plan for water resources development envisaging inter-basin water transfer was formulated by the Ministry of Water Resources in 1980 for equitable distribution of available water from water surplus basins to water short areas. Subsequently National Water Development Agency (NWDA) was set up to study the feasibility of the river basin links proposed in the above Plan in 1982. The preparation of Detailed Project Report (DPR) of link projects proposed under the National Perspective Plan was included in the functions of NWDA in 2006. Due to concerted efforts of NWDA in association with Central Water Commission (CWC) and Ministry of Water Resources, a tripartite Memorandum of Understanding was signed by the States of Gujarat and Maharashtra and the Union Government on 3rd May 2010 in the presence of Hon'ble Prime Minister for the preparation of Detailed Project Reports of Damanganga-Pinjal and Par-Tapi-Narmada Link Projects. Subsequently, NWDA completed the DPR of Damanganga-Pinjal link Project in March 2014; DPR of the Par-Tapi-Narmada Link Project was completed in August 2015.

The Par-Tapi-Narmada Link Project is a multi-purpose scheme with irrigation, hydropower and water supply benefits. Gujarat State is the principal beneficiary and Maharashtra State will get the benefits of irrigation, water supply to tribal areas in Nasik district and power generation. The project will provide an annual irrigation of 2.32 lakh ha utilizing about 1330 MCM of water including water supply and also generate 21 MW of hydropower.

Government of Gujarat suggested to provide maximum irrigation and drinking water facilities to the tribal areas adjacent to the project. It was suggested to provide irrigation in tribal areas right side of canal by lift in addition to enroute irrigation already proposed and irrigation in tribal areas in the vicinity of six proposed reservoirs. It is also proposed to include command area of five proposed projects of State Government and irrigation in tribal areas of Chhota Udepur and Panchmahal district by lift directly from Narmada Main Canal on substitution basis.

The Secretary (WR,RD&GR) had held meeting with the Hon'ble Chief Minister of Gujarat on 31.12.2016 at Gandhinagar wherein the revised proposal was presented. Some suggestions were given by the Government of Gujarat regarding the planning of the project. NWDA has now completed the modified DPR duly considering the views of Government of Gujarat.


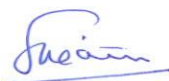
The DPR of the Project has been prepared as per the Guidelines for Preparation of Detailed Project Report of Irrigation and Multipurpose Projects of Ministry of Water Resources (2010). The DPR contains the details of surveys and investigations such as topographical surveys, geotechnical and construction material surveys, geological investigations, environmental impact assessment studies etc. As mentioned in the MoU, the feasibility of utilization of water by Maharashtra State in their territory by lifting water over the western divide from Par, Auranga and Ambica basins was examined and the proposal was found to be economically not viable.

The Secretary, Ministry of Water Resources, River Development & Ganga Rejuvenation and Chairman, Central Water Commission have regularly monitored the work of preparation of DPR and provided valuable guidance for its timely completion. Their contribution in this regard is gratefully acknowledged. The co-operation and assistance received from the Water Resources Department of the Governments of Gujarat and Maharashtra in the preparation of the DPR is thankfully acknowledged. My thanks are due to Central Water Commission, Central Soil & Material Research Station (CSMRS), Geological Survey of India (GSI), Central Water & Power Research Station (CWPRS), Tehri Hydro Development Corporation India Ltd. (THDCIL), Regional Remote Sensing Centre (RRSC), Water and Power Consultancy Services (WAPCOS) who were closely associated with various aspects of the investigations and studies and provided necessary technical assistance.

I compliment the concerned officers of NWDA, especially the Chief Engineer (HQ), the Chief Engineer (South), Hyderabad and the Superintending Engineer, Investigation Circle, Valsad and their teams including field Investigation Divisions Vadodara and Valsad for their sincerity, devotion and hard work in completing this challenging task in the assigned time period.

It is hoped that after the requisite statutory clearances, the Project will be taken up for implementation in the right earnest.

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