

FOREWORD

Based on revised and enhanced mandate of National Water Development Agency (NWDA), preparation of Detailed Project Reports (DPR) of intra state link projects proposed by the State Governments, has been taken up by NWDA. Accordingly, on the request of Government of Tamil Nadu, NWDA took up the preparation of DPR of Ponnaiyar (Nedungal) - Palar Intra-State link project. The Ponnaiyar (Nedungal) - Palar intra state link project envisages diversion of 86 Mm³ of flood waters of Ponnaiyar river, through Nedungal anicut to Palar river to feed en-route system tanks as well as to recharge Groundwater en-route the link canal and in Vaniyambadi taluka of Vellore district at the tail end in Palar basin, for stabilizing the existing ayacut, presently being irrigated through open wells/tube wells. The project is mainly an irrigation scheme with a provision for drinking water supply to en-route villages. The project envisages stabilisation of 9850 ha command area in Pochampalli & Krishnagiri talukas of Krishnagiri district and Tirupattur & Vaniyambadi talukas of Vellore district of Tamil Nadu state.

The DPR of the link project has been prepared based on the Guidelines for Preparation of Detailed Project Report of Irrigation and Multipurpose Projects – 2010, of Ministry of Water Resources. The DPR contains the details of all surveys and investigations such as Topographical surveys, Geotechnical (including drilling) & Construction material surveys, Geological investigations, Geophysical investigations, Archaeological and mineral surveys etc.

The keen interest shown by the Secretary, Ministry of Water Resources, River Development and Ganga Rejuvenation has helped us in timely completion of the DPR.

The Chief Engineer, Plan Formulation, PWD, Chennai and the Superintending Engineer, Plan Formulation Circle, PWD, Salem, constantly shared their technical expertise and extended support in completing various field survey works and design of various components of the project. Their contribution in this regard is gratefully acknowledged. The cooperation and security extended by the local revenue officials especially the collectors of Krishnagiri and Vellore districts while carrying out the field survey works is highly appreciated. My thanks are due to Central Soil & Materials Research Station - New Delhi, Geological Survey of India- Chennai, CSIR-National Geophysical Research Institute (NGRI) - Hyderabad, who were closely associated in the various investigations and studies and provided necessary technical assistance.

I compliment the concerned officers of NWDA specially the Chief Engineer (South), Hyderabad, Chief Engineer (HQs), Superintending Engineer, Investigation Circle, Hyderabad including field Divisions at Bengaluru and Chennai and their team of officials for their sincerity, devotion and hard work in completing this challenging task within the stipulated time period.

It is hoped that the DPR of Ponnaiyar (Nedungal) - Palar link project will be useful for implementation by Government of Tamil Nadu at the earliest to achieve the envisaged benefits from the project.

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Date:



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