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**OFFICE OF THE EXECUTIVE ENGINEER  
M.C.I.I. DIVISION, MANIJANGA  
JAGATSINGHPUR**

Lr No. 1310/(W.E.)  
To

Dt. 24.5.2018

Chief Engineer-cum-Project Director,  
PMU (OIIAWMIP), 5<sup>th</sup> floor,  
Rajiv Bhawan, Bhubaneswar.


Sub: Submission of Annual Report of M.C.I.I. Division, Manijanga for the year 2017-18, Regarding.

Sir,

In inviting a reference to the subject cited above, the Annual Report of M.C.I.I. Division, Manijanga for the year 2017-18 is submitted herewith for favour of kind information and further necessary action.


Encl: As above- 1 Set

Yours Faithfully,

  
**Executive Engineer,  
M.C.I.I. Division, Manijanga**

Memo No. 1311 Dt. 24.5.2018

Copy submitted to the Superintending Engineer, Drainage Circle, Cuttack for favour of kind information.

  
**Executive Engineer,  
M.C.I.I. Division, Manijanga**



**GOVERNMENT OF ODISHA  
DEPARTMENT OF WATER RESOURCES**

**ANNUAL REPORT 2017-18**

**MAHANADI CHITROTPALA ISLAND IRRIGATION DIVISION,  
MANIJANGA**

**Executive Engineer  
MCII Division, Manijanga**

**NOTES ON**  
**MAHANADI CHITROTPALA ISLAND IRRIGATION PROJECT (MCIIP)**

Govt. of Odisha proposed to execute Odisha Integrated Irrigated, Agriculture and Water-Management Investment Programme (OIIAWMIP) with the assistance of Asian Development Bank. The objective of the project is to enhance the productivity and sustainability and for improvement / extension of Major, Medium & Minor Irrigation Project. Mahanadi Chitrotpala Island Irrigation Project is one of the component proposed under Tranch –II of the Project.

River Mahanadi provides irrigation facility to about 3.03lakh/ha. under Mahanadi delta. The Mahanadi first bifurcates into two channels viz., Kathjori river and Mahanadi. An anicut was constructed across Mahanadi river during 1864. Kendrapara canal off-takes from left side of the Mahandi anicut. At 11.495m of Kendrapara Canal a link canal was constructed to cater the need of Mahanadi and Chitrapala Island Irrigation Project. The project originally estimated to cost Rs. 3993.7Lakhs to irrigate a CCA of 19542 ha was accepted by Planning Commission vide Lr. No. 2(294) 89-I & CAD dated 24.05.1989. Subsequently an area of 4200ha laying at the tail end of canal system was deferred due to water logging problems and the CCA has been restricted to 15342ha. Due to paucity of funds, the project was not constructed. However during 1995 Mahanadi Chitrapala project estimated to cost Rs. 124.72 Cr. To irrigate a CCA of 15342ha has been included as a component of World Bank aided Odisha Water Resources Consolidation Project (OWRCP). The Odisha Water Resources Consolidation Project was approved by Planning Commission on 27.09.1995.

The present proposal is to complete left over work of Mahanadi Chitrapala Project proposed under OWRCP through ADB Assistance. The Mahanadi Chitrotpala Island Irrigation Project (M.C.I.I. Project) is located in Salipar, Kishannagar and Nischintakoili blocks of Cuttack district, Tirtol and Raghunathpur blocks of Jagatsinghpur district and Marshaghai and Garadpur blocks of Kendrapara district. Due to closure of funding of OWRCP, the project could not be completed for delay, associated with land acquisition programmes. The present scope of work under Asian Development Bank (ADB) project proposes to focus on

left over stretches and attempt to complete the balance works, providing additional irrigation potential to a tune of 6366.24 Ha.

**Project Proposal :**

The Mahanadi Chitrotpala project component envisaged under World Bank aided OWRCPC closed in 2004 are given below;

- i. Remodeling of existing Kendrapara Canal for a length of 11.890Km to carry an additional discharge of 27 cumecs.
- ii. Construction of Link canal of 8.68Km long.
- iii. Construction of 833m long syphon cum bridge across river Chitrotpala at Harichandanpur.
- iv. Construction of 497.6m long syphon cum bridge across river Paika at Krishanandapur.
- v. Construction of Mahanadi Left Canal of 28.03km<sup>2</sup> long and Chitrotpala Right Canal of 15.20Km length.
- vi. Construction of three branch canals namely a) Mahanadi Left Branch Canal of 11.495Km. b) Paika Left Branch Canal of 25.18Km c) Chitrotpala Right Branch Canal of 32.240Km d) Chitrotpala Right Canal of 15.20Km.
- vii. Construction of two distributary systems such as a) Mahanadi Left Distributary of 11.70Km length b) Paika Right Distributary of 20.22Km.
- viii. Construction of Minors and Sub-Minors.

Govt. of Odisha completed most of the above works except the following which are now proposed to be executed with assistance of Asian Development Bank covering an ayacut area of 6366.24Ha.

- i) Construction of Chitrotpala Right Branch Canal (CRBC) including construction of structures from RD 15.20Km to 27.14Km for a length of 11.94Km.
- ii) Re-sectioning of Paik Left Branch Canal (PLBC) including construction of structures from RD 15.00Km to 25.18Km. to a length of 10.18Km.
- iii) Construction of new canal including construction of structures of 25 nos. of minors & sub-minors of CRBC and 20 new minors and sub-minors canals in PLBC to a total no. of 45 Nos. is proposed under ADB Assistance.

