

GOVERNMENT OF ODISHA



DEPARTMENT OF WATER RESOURCES

ANNUAL REPORT FOR THE YEAR : 2016-2017

OF

UPPER INDRAVATI RIGHT CANAL DIVISION NO.II,
AT/PO-JUNAGARH, DIST. KALAHANDI, ODISHA,
PIN-766014.

**ANNUAL REPORT OF UPPER INDRAVATI RIGHT CANAL DIVISION NO.II,
JUNAGARH, KALAHANDI, ODISHA
FOR THE YEAR 2016-2017**

1. HISTORY OF THE DIVISION:

The Division was created on 01.03.1987 with an aim to execute the construction and maintenance of the Upper Indravati Right Canal System under Upper Indravati Irrigation Project. Till date 10 nos of Executive Engineers have worked sincerely and provided irrigation in Khariff and Rabi seasons. The construction & maintenance works of RMC, have been transferred to U.I.Right Canal Divn-I, Mukhiguda on Dtd. 01.04.2007 vide Office Order No. 256/ Dt.30.04.2008 of Chief Engineer, UIIP, and the jurisdiction of this Division has been restricted to Right Main Extension Canal from RD. 00m. to RD. 6000m. only. Then after 2 nos. of Executive Engineers , including the present one, have worked hard for this Division. Financial status of the farmers of Kalampur and Junagarh Blocks of Kalahandi District have been uplifted due to increase of crop productivity, but now this Division is looking after only extension programme up to 6.0 KMs and Chandapalla Distributory , for which portion trial irrigation has been done successfully this year.

1. LENGTH OF CANALS with POSITION

Name of the Canal	Lengh	Off taking RD with name of the Parent Canal	Ayacut	Remarks
Right Main Extension Canal	6.128 KM	84 KM of RMC	22.96 Ha	
Chandapalla Distributory	10.00 KM	12.1 KM of REMC	297.25 Ha	
Minors and Sub-Minors	28.283 KM	3 nos of Sub-Minors from REMC & 15 nos. of Sub-Minors from Chandapalla Distributory	1165.278 Ha	

2. Sub-Divisions

Name of Sub-Divisions	Sub-Divn. No.V	Sub-Divn. No. VI	Sub-Divn. No.VII	Sub-Divn. No.VIII	Remarks
Head quarters	Junagarh	Junagarh	Junagarh	Junagarh	

3. Block/ Tahasil/Constituency -wise Irrigation Potential created & utilized

Sl. No.	Name of the Block/Tahasil	Irrigation potential in Ha.		
		Designed	Created	Achieved
1	Bhawanipatna	1485.488	1390.79	-
	TOTAL:	1485.488	1390.79	-

4. Road statistics.

Total length (4+5)	Type of Road				Description of Roads
	Surfaced			Unsurfaced	
	WBM/WMM	BT & CC	Total (2+3)	Total Motorable & Non-motorable	
1	2	3	4	5	6
6.128	4.638	1.49	6.128	-	Main Extension Canal
10.1	10.1	-	10.1	-	Distributaries

5. POSITION OF ESTIMATE / Agreements

	2015-16		2016-17	
	Nos.	Amount	Nos.	Amount
Estimates				
Plan	29	5042610/-	22	262928350/-
Agreements				
	19	3344092/-	16	238938653/-
Tender				
	-	-	16	259677290/-

6. GATE WORKS :

The works in connection with head regulator gates of the Right Canal System are being executed by the Mechanical Division, Hirakud. The estimates for this purpose have been Technically Sanctioned by the E.E, Mechanical Divn, Hirakud, and submitted to CCE, UIP for approval

7. Staff position.

Sl. No.	Name of post	Sanctioned strength	In position	Vacancy	Remarks.
01	Executive Engineer (C)	1	1	--	
02	Dy. Executive Engineer	1	1		Deputed to Ret Irrigation Dam Division
03	Asst. Executive Engineer	3	1	2	
04	Assistant Engineer	4	5	--	2 nos deputed to Jagatsinghpur Irr. Divn & CE & BM, I-K Basin
05	Junior Engineer	6	6	0	1 no. deputed to CE & BM, I-K Basin
06	Divnl. Accountant	1	--	1	
07	Head Clerk	0	0	--	
08	Senior Clerk	2	1	1	
09	Junior Clerk	7	2	5	
10	Stenographer	1	--	1	
11	Draughtsman	1	0	1	
12	Tracer	1	0	1	
13	Ferroprinter	1	0	1	
14	Peon	10	3	7	
15	Watchman	6	3	3	
16	Daftary	1	1	0	
17	Contingent Khalashi	21	21	0	
18	Wages NMR	1	1	--	
19	Work Charged Khalasi	7	1	6	
20	Asst. Pump Driver	1	1	0	
21	Helper Gr.I	2	1	1	
22	Jeep Driver	2	1	1	

8. AUDIT:

The works and establishment records were successfully audited by the office of the Superintending Engineer, U.I.Irrigation Circle, Mukhiguda and the office of the Chief Engineer, U.I.Irrigation Project, Khatiguda.

9. INSPECTION OF WORKS BY SQM

During the month of April, 2017 the State Quality Monitor Shri T.B.Das has inspected Sagada Syphon Aqueduct work and 2nos of CAD & WM works. The works have been certified as satisfactory quality and maintenance of records in the ongoing works.

During the month of May, 2017 the State Quality Monitor Shri K.Bali has inspected Sagada Syphon Aqueduct work and another 2nos of CAD & WM works. The works have been certified as satisfactory quality and maintenance of records in the ongoing works

Executive Engineer
UI Right Canal Divn.No.I
Mukhiguda:Kalahandi

STATUS OF WORKS OF THE DIVISION.

1. Construction of Syphon Aqueduct at RD 2820m. of RMEC over river Sagada

As per decision at Government level the work has been entrusted to M/S OCC Ltd on award basis at an agreement value of Rs. 13,39,50,851.00 vide agreement No-65F2/2004-05 with date of commencement 14.03.2005 and stipulated date of completion 13.03.2007.

After receipt of revised drawings on 16.05.2008, the interim deviation statement has been prepared and submitted to DOWR. Approval thereon has been accorded for Rs. 2942.06 Lakhs vide DOWR Ir. no 13586 dt. 05.05.2009. The second interim deviation incorporating eight new items of works as per revised drawing for an amounting of Rs. 30.489 Crores excluding over head charges, being 161.76% excess has been approved vide DOWR Ir. no. 10106/WR dtd. 15.04.2011. The Corporation has applied further EOT up to 31.03.2012. As the work has remained to be completed by dt. 31.03.2012 and sanctioned thereof is awaited, the Corporation has applied for a fresh EOT up to 05.11.2014 by clubbing the period already applied. Basing on the note at sl. no. 13 vide approved Drg.No. C-8248(S) throughout inside the barrel is required to be applied with water proofing coat. The matter has been referred to the Technical team constituted under the chairman of EIC, Planning & Design for suggestion as regards application of water proofing coat throughout inside of the barrel. Keeping in view of suggestion made by the technical team, correspondence has been made in the address of MD, OCC Ltd. vide this office Lr. No. 1307/Dtd. 03.06.2014 with request to issue suitable instruction to the Senior Manager, Sagada aqueduct, and to furnish detail analysis. This item is not included in the 2nd interim deviation as well as in the agreement. It seems that, this work is likely to be taken up against a separate agreement.

The original work has been completed and aqueduct structure has been tested by trial irrigation water on dtd. 02.01.2017 . During trial irrigation it has been found that the flow of water took only 40 minutes to successfully cross the siphon aqueduct. During trial of water, It has been felt necessary at high level to make some improvement works at both u/s and d/s side of the structure, and accordingly improvement work has been taken up, which are in progress. The total expenditure for this work since inception is 3223.04 lakhs. The final deviation will be prepared after completion of improvement work. Outstanding work advance against the corporation is 150 lakhs and this will be adjusted from final bill.

2. Construction of Sub-minors from RD 00m to 5550m of Chandapalla Disty. Including structures and lining works.

The work has been executed through M/S Ratna Infrastructure Pvt. Ltd. Vide Agt. No. 1F2/12-13 . The 1st. EOT for the works has been sanctioned up to 08.05.2014. The agency has applied for further EOT up to 05.03.2015, which is to be sanctioned. Work has neither been completed by the agency in all respects within the applied period nor further EOT has been applied by the agency. Final deviation along with contract closure proposal has been submitted for approval. After approval of the final deviation the final bill is to be paid to the agency. The Agreement value for this work is 291.54 lakhs and the up to date expenditure made in shape of R/A bills is 209.02 lakhs only.

3. Construction of Sub-minors from RD 5550m to 10100m of Chandapalla Disty. Including structures and lining works.

The work has been executed through M/S Ratna Infrastructure Pvt. Ltd. Vide Agt. No. 2F2/12-13. The 1st. EOT for the work has been sanctioned up to 08.05.2014. The agency has applied for further EOT up to 31.01.2015 , which is yet to be sanctioned. Work has neither been completed by the agency in all respects within the applied period nor further EOT has been applied by the agency. Final deviation along with contract closure proposal has been submitted for approval. After approval of the final deviation the final bill is to be paid to the agency. The Agreement value for this work is 288.60 lakhs and the up to date expenditure made in shape of R/A bills is 205.26 lakhs only.

4. Construction of River Training works at Sagada Syphon aqueduct site of RMEC

The work has been entrusted to Sri Manas Ranjan Nayak for an Agreement value of Rs.208.15 lakhs vide Agreement No. 1F2/14-15. The stipulated date of commencement and completion are 20.05.2014 & 19.02.2015 respectively. The 1st.Extension Of Time has been sanctioned in favour of the executant up to date 27.09.2015 and the 2nd EOT sanctioned up to date 15.06.2016, as the executant could not complete the work within the time sanctioned earlier due to some genuine hindrances. The work has been completed in all respects and the executant has been paid the final bill after approval of the final deviation.

5. Rectification to RMEC from RD 5138m. to 6128m.

The work has been awarded to M/S O.C.C Ltd vide this office Ltr.No-1779 dated 07.11.2013 for an amount of Rs.304.70 Lakhs (including 10% OHC). The Corporation has been issued work advance in phases amounting to Rs.302.10 Lakhs (including 10% OHC).The work has been completed and final deviation has been submitted by OCCL for an amount of RS.3,49,45,415.00, which is 27.24% excess over the agreement value.

6. Construction of Longitudinal and Cross drain in outer slopes of canal in heavy filling sections between RD. 00m. To RD. 3480m. of RMEC

The work has been awarded to M/S O.C.C Ltd vide Works Deptt. Resolution No. 9133/ Dtd. 06.09.2012 for an amount of Rs.625.48 Lakhs. (Including 10% OHC). The 1st Interim Deviation for the work has been approved for Rs. 686.76 only and the Corporation has been issued work advance in phases amounting to Rs. 686.76 Lakhs including 10% OH Charges, phase by phase after utilisation of more than 75% of the work. The work is in progress and likely to be completed within June this year, i.e earlier than the stipulated date of completion.

7. Construction of Gobara S/M-II at RD 5400m of RMEC including structures and lining work.

The work has been awarded to Sri Sudhir Kumar Thakur for an Agreement amount of Rs.32.59 lakhs vide Agreement No. 36F-2/08-09 with stipulated date of commencement and completion are 02.03.09 01.02.10 respectively. The executent has been allowed extension of time up to 01.10.2011 , but could not complete the work, rather applied for further EOT which is yet to be sanctioned. In the mean time the final measurements of the work have been taken and final deviation along with

closure proposal has been submitted for approval. The work will be closed and final bill will be paid after approval of the same.

8. Execution of Lift Canal system of Upper Indravati Irrigation Project in the District of Kalahandi

The work has been transferred to Lift Canal Division as per Govt Order

9. Providing water proofing chemical treatment to the canal syphon aqueduct across River Sagada of Upper Indravati Right Extension Project.

As this water proofing chemical treatment to the canal syphon aqueduct is a non scheduled item and the provision has been made in approved drawing of the original structure of the syphon aqueduct over river Sagada, all efforts are being taken for this work. The work for an amount of Rs.286.00 lakhs, has been awarded to M/S O.C.C Ltd vide Works Deptt. Resolution No.6120 / Dtd. 29.05.2015. The Corporation has been issued work advance in phases amounting to Rs.282.4 Lakhs in phase manner after completion of minimum 75% of the work. The work has been completed and final bill is in progress by the corporation.

10. Construction of Water Courses and field channels of WUA-5, 6 & 12 to 22 of REMC (total 17 Nos of Works).

All the works have been transferred from U.I. Right Canal Division No-III, Junagarh to U.I. Right Canal Division No-II, Junagarh vide office order No-4076 dated 21.05.2016 of Chief Engineer, UIIP, Khatiguda. Tender work has been completed and works are in progress for 16 nos. of works except WUA No-6, because the parent Canal Chandapalla Minor work is delayed due to land acquisition Problem. So it will be taken up after completion of Chandapalla Minor. The total Agreement amount for all the 16 nos of works is 2389.31 lakhs and the up to date expenditure in shape of different R/A bills is 400 lakhs. In spite of land acquisition problems, all the works are likely to be completed by end of this financial year.

Executive Engineer
U.I.Right Canal Division No.II
Junagarh