



GOVERNMENT OF ORISSA

DEPARTMENT OF WATER RESOURCES

Annual Report OF CHIKITI IRRIGATION DIVISION BERHAMPUR

July 2016

INTRODUCTION

Chikiti Irrigation Division with its head quarter at Brahmapur is one of the Divisions under jurisdiction of the Superintending Engineer, Southern Irrigation Circle, Brahmapur. The office is functioning in the premises of Secha Sadana at Courtpetta, Brahmapur. This division deals with maintenance of three nos. of medium Irrigation Projects i.e. (1) Ghodahada Irrigation Project Reservoir Scheme, (2) Bahuda Irrigation Project, (Division Scheme), (3) Ramanadi Irrigation Project (Diversion Scheme). In addition to these, construction of Mahendratanya Irrigation Project and maintenance of flood banks of length 160.50 Km of rivers Vansadhara, Nagavali, Ghodahada, Ramanadi, Bahuda, Bogi and Padmatola are being dealt by this division.

The Ghatakeswar Multi Purpose Project envisages construction of a Concrete Gravity Dam across river Ghadaka, near village Kankia of Kukudakhadi Tahasil about 20KM from Berhampur town of Ganjam District. The project envisages a homogeneous concrete dam of 266.61 m long with a maximum of 38.83m will be built across River Ghodaka with FRL at 101.70m. The Dam has got 929.61Ham and live Storage of 859.61Ham. Cost of Project is Rs.118. The benefit of the project is to Irrigate 500 ha of CCA in eight villages under Kukudakhadi Tahasil along with drinking water facility (8.25 MLD) to 75000 populations in the immediate vicinity of project & Gosani Nuagam of Berhampur town.

The construction of Mahendratanya Irrigation Project is also being dealt by this division. Mahendratanya Irrigation Project comprises of Construction of barrage across River Mahendratanya at Dambapur for an ayacut of 1010 Ha.

Flood Banks under this division.

1. River Ghodahada	: -	12.85 Km.
2. River Bahuda	: -	1.30 Km.
3. River Ramanadi	: -	3.54 Km.
4. River Bogi	: -	8.20 Km.
5. River Padmatola	: -	2.30 Km.
6. River Kanteijodi	: -	<u>2.60 Km.</u>
Total	: -	30.79 Km.

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Berhampur

Status of Ghatakeswar Multi Purpose Project, Kankia

(A)Introduction

The Ghatakeswar Multi Purpose Project envisages construction of a Concrete Gravity Dam across river Ghadaka, near village Kankia of Kukudakhandi Tahasil about 20KM from Berhampur town of Ganjam District.

The administrative approval of the Project has been accorded for Rs 29.16 Crores vide DOWR L.No-25531 Dt-19.7.2008 .The Project required revalidation with cost up gradation & it was discussed in 80th. TAC held on dated 18.2.2013 for cost of Rs 94.46 Crores & recommended to Govt. for approval. But after receipt of approved drawings from CE (D&R) during March 2015 & due to enhance of labour rate during July 2015, the project cost again enhanced to Rs 118.95 crores.

The benefit of the project is to Irrigate 500 ha of CCA in eight villages under Kukudakhandi Tahasil along with drinking water facility (8.25 MLD) to 75000 populations in the immediate vicinity of project & Gosani Nuagam of Berhampur town.

(B)Present Status

i. Proposal for Revised Administrative Approval

The proposal for Revised Administrative approval of the Project amounting to RS 170.49 Crore has been submitted to Department of Water Resources, Govt.of Odisha vide L.No-41197 dated 26.11.2015 of Engineer in Chief, Water Resources, Bhubaneswar . But DoWR has accorded Revised Administrative Approval of this Project for Rs 118.935 Crore vide L.No 14095 Dt 18.6.2016.

ii. Environmental Clearance

The state Environment Impact Assessment Authority (SEIAA), Odisha has accorded Environmental Clearance on 11/4/2014 vide Ref.no-618/SEIAADated-11/4/2014 .

(iii) Compensatory Afforestation:

A patch of non forest land comprising of area 161.055 AC or 65.00 Ha in mouza Pallur hill of Konisi Tahasil of Ganjam District have been identified & demarcated with boundary Pillars for the purpose of compensatory afforestation of this project .The said land is transferred & mutated in favour of Forest & Env.Department & notified as Protected Forest under section 33 of Odisha Forest Act 1972 vide F &E Department Notification No. 4202/ F & E Dt. 11.03.2015

iv. Forest Clearance

The MOEF in Govt. of India has recommended in principle stage - I Forest clearance for diversion of 64.7514 ha of forest land on 8th July 2013 vide letter no-8-99/2012FC Dt-8/7/2013 subject to fulfillment of 22 conditions. Finally, on the basis of compliance to conditions submitted by Government of Odisha on dated 16.7.2015, the Govt.of India granted final approval of Forest Clearance under section-2 of the Forest Conservation Act 1980 for diversion of 64.7514 Ha of Forest land for construction of this project vide L.No-F.No.8-99/2012-FC Dt-1.12.2015 of Ministry of Environment, Forests & Climate Change (Forest Conservation Division), New Delhi. After final approval, steps were taken jointly with Forest Department & OFDC for enumeration of trees for their cutting & removal from the area.

(v) Rehabilitation & Resettlement Plan

Only one village Koilikote is fully submerged due to construction of this project & according to socio-economic survey, 45 enumerated families are going to be displaced. As per recommendation of the 1st. RPDAC held on Dt-6/7/ 2010 ,Govt. in DOWR have approved Rs 1,89,37,000/-vide L.no-25718 Dt-27/9/2013 towards payment of rehabilitation assistance to 29 no's of displaced families .Out of 29, the construction works for 26 houses are in progress.

Govt.in DOWR have also approved R & R Action Plan for a sum of Rs 4,65,23736/-vide L.no-16255 Dated 10/6/2013 of Director R & R for construction of basic amenities for R & R colony such as School, ANM. Centre, Anganwadi Centre, Community Centre, Hata Pindi, Play Ground, Overhead tank, Temple, Road, Internal Roads, Drains, Crematorium, Open well etc.These works were completed at R & R Colony as per Master Plan approved by the Collector, Ganjam.

The 2nd RPDAC meeting was held on dated 28,6.2016 under the chairmanship of RDC,Southern Division,Berhampur to discuss the status of land acquisition,approval of action plan for Rs 24 lakhs,status of R & R ,Approval of balance 9 eligible DPs ,Provision of Latrines,Electricity,& livelihood programme for the Displaced Persons(DPs).

Status of Works

Rs. In lakhs

Sl No.	Name of the Package	Agreemnt No	Agree-ment Amount	Cummula-tive Expr. Upto the current Month	Re-marks
1	6	5	8	12	13
NABARD Works: System Improvement Wrok					
1	Improvement to Distributary system of Left Main Canal from RD 00 to 8200m of Ghodahada Irrigation Project under NABARD Assistance R.I.D.F.-XVIII Agency : Sri Prakash Ch. Sahu	299P1 /13-14 287.17	287.17	287.21	Work completed
2	Improvement to Distributary system of Right Main Canal from RD 1630m to 4023m of Ghodahada Irrigation Project under NABARD Assistance RIDF-XIX Agency : Binod Kumar Sahu	158P1 /14-15 268.20	268.20	268.09	Work completed
3	Improvement to Palli Distributary and its off taking Minor & Sub-Minors of Ramanadi Irrigation Project under NABARD Assistance R.I.D.F.-XIX Agency : Gajendra Prasad Panda	523P1 /13-14 527.70	527.70	527.68	Work completed
4	Cement Concrete Lining to Distributaries, Minors & Sub-Minors of Left Main Canal of Bahuda Irrigation Project under NABARD Assistance- RIDF-XIX (Package-A). Agency : Brundabana Sahu	152 P1/14-15 494.55	494.55	494.58	Work completed
5	Cement concrete lining to distributaries, minors & sub minors of Right main canal of Bahuda irrigation project under NABARD Assistance R.I.D.F-XIX. (package-B) Agency : Brundabana Sahu	23P1/14-15 466.58	466.58	466.58	Work completed
6	Improvement to Right Main Canal of Bahuda Irrigatin Project from RD 11.00 Km to tail including consturction of Service Road wth system improvement of Patrapur Block under NABARD Assistance RIDF-XX Agency : G.Gopal Rao Dora	120P1 /15-16 371.50	371.50	42.14	Work in progress
Lump Critical Works in System Improvement					
GHODAHADA IRRIGATION PROJECT					
1	Improvement to Bomkei Distributaries from RD 6888m to 7680m of Right Main Canal of Ghodahada Irrigation Project. Agency: Subrata Kumar Padhi	40 P1/ 2015-16	12.64	12.63	Work completed
2	Improvement to Chakipada Minor from RD 828m to 1110m and Gunthapada Minor from RD 768m to 1680m of Right Main Canal of Ghodahada Irrigation Project. Agency: Manoj Kumar Panigrahi	48 P1/ 2015-16	10.36	10.36	Work completed
3	Improvement to Talasingi Minor from RD 223m to 770m of Right Main Canal of Ghodahada Irrigation Project. Agency: Subrata Kumar Padhi	41 P1/ 2015-16	10.12	10.07	Work completed
4	Providing Concrete lining to Odasingi Distributary from RD 715m to tail of Right Main Canal of Ghodahada Irrigation Project. Agency: Debarai Sethi	39 P1/ 2015-16	12.20	12.20	Work completed
5	Improvement to Narendraballi Distributary from RD 1700m to 2500m of Left Main Canal of Ghodahada Irrigation Project. Agency: Kirti Chandra Gouda	21 P1/ 2015-16	10.06	10.07	Work completed
6	Improvement to Left Main Canal from RD 7500m to 7900m of Ghodahada Irrigation Project. Agency: Krushna Chandra Sethi	23 P1/ 2015-16	15.13	15.13	Work completed
7	Improvement to Left Main Canal from RD 5000m to 6000m of Ghodahada Irrigation Project. Agency:Chitrasena Gouda	16 P1/ 2015-16	12.59	12.60	Work completed

8	Improvement to Bhimpur Extension Canal from RD 400m to 1300m of Right Main Canal of Ghodahada Irrigation Project. Agency: Kirti Chandra Gouda	28 P1/ 2015-16	12.34	12.34	Work completed
9	Improvement to Digapahandi Distributary No.02 from RD 160m to 325m and 577m to 800m of Right Main Canal of Ghodahada Irrigation Project. Agency: Laxminarayana Behera	04 P1/ 2015-16	9.34	9.32	Work completed
10	Improvement to Rajapur Distributary from RD 555m to 950m of Right Main Canal of Ghodahada Irrigation Project. Agency: Abhi Sethi	14 P1/ 2015-16	10.20	10.19	Work completed
11	Improvement to Titikhandi Distributary from RD 829m to 1400m of Right Main Canal of Ghodahada Irrigation Project. Agency: Kalu Charan Sethi	24 P1/ 2015-16	15.26	15.22	Work completed
Additional Works					
12	Improvement to Narendraballi Distributary from RD 2725m to 2950m of Left Main Canal of Ghodahada Irrigation Project. Agency: Kishore Chandra Sardar	191 P1/ 2015-16	8.45	8.45	(Out of savings) Work completed
13	Improvement to Left Main Canal in-between RD 4600m to 6000m of Ghodahada Irrigation Project (Missing link) Agency: Manoj Kumar Panigrahi	193 P1/ 2015-16	8.70	8.69	(Out of savings) Work completed
14	Improvement to Manidhiha Distributary in-between RD 2900m to tail of Left Main Canal of Ghodahada Irrigation Project. Agency: Kirti Chandra Gouda	198 P1/ 2015-16	8.47	8.46	(Out of savings) Work completed
Sub Total			155.86	155.73	
B.	Ramanadi IRRIGATION PROJECT				
15	Improvement to Bhismagiri Tail Minor in between RD 800m to 1000m of Ramanadi Irrigation Project. Agency: Kishore Chandra Sardar	29 P1/ 2015-16	9.32	9.32	Work completed
16	Improvement to Bhismagiri Minor in between RD 3500m to 3700m of Ramanadi Irrigation Project. Agency: Pradeep Kumar Panda	47 P1/ 2015-16	8.35	8.40	Work completed
17	Improvement to Sindhaba Minor in between RD 600m to 900m of Ramanadi Irrigation Project. Agency: Kishore Chandra Sardar	55 P1/ 2015-16	8.35	8.46	Work completed
Sub Total			26.02	26.18	
C.	Bahuda IRRIGATION PROJECT				
18	Improvement to Left main canal from RD 4.50 Km to 5.20 Km of Bahuda Irrigation Project Agency: Deepanjalli Marndi	11 P1/ 2015-16	13.01	13.01	Work in completed
19	Improvement to Pomagaon Minor from RD 00 m to 500 m of Right Main Canal Bahuda Irrigation Project. Agency: Bhagaban Behera	07 P1/ 2015-16	11.04	11.04	Work in completed
20	Improvement to Nuapada Minor from RD 1700m to 2050m Right Main Canal of Poichandia Irrigation Project. Agency: Deepanjalli Marndi	10 P1/ 2015-16	10.55	10.51	Work in completed
21	Improvement to Left main canal from RD 5.20 Km to 5.80 Km of Bahuda Irrigation Project. Agency: Bijayananda Behera	19 P1/ 2015-16	14.22	14.22	Work in completed
22	Improvement to Jayantipur distributaries from RD 7350m to 8000 m of Right Main Canal Bahuda Irrigation Project. Agency: Deepanjalli Marndi	12 P1/ 2015-16	13.09	13.09	Work in completed

23	Improvement to GB Singpur Minor-I from RD 210m to 500m Right Main Canal of Poichandia Irrigation Project. Agency: Deepanjalli Marndi	22 P1/ 2015-16	10.08	10.08	Work in completed
24	Improvement to Left main canal from RD 5.80 Km to 6.37 Km of Bahuda Irrigation Project. Agency: Abakasha Panigrahi	15 P1/ 2015-16	12.51	12.44	Work in completed
25	Improvement to Balarampur minor from RD 30 m to 277 m & 477m to 800m of Right Main Canal Bahuda Irrigation Project. Agency: Bijayananda Behera	20 P1/ 2015-16	10.72	10.20	Work in completed
26	Improvement to Tail Minor from RD 1800m to 2300m of Right Main Canal of Poichandia Irrigation Project. Agency: Deepanjalli Marndi	09 P1/ 2015-16	13.15	13.15	Work in completed
27	Improvement to Ramachandrapur Distributary from RD 4.70 Km to 5.50 of Left Main Canal of Bahuda Irrigation Project Agency: Deepanjalli Marndi	08 P1/ 2015-16	13.07	12.83	Work in completed
28	improvement to from RD 33m to 500m of B Nuagaon Inundation Channel Agency: Ratan Kumar Panda	25 P1/ 2015-16	12.33	11.00	Work in completed
29	Improvement to GB Singpur Minor No.II from RD 00m to 350m Right Main Canal of Poichandia Irrigation Project. Agency: Deepanjalli Marndi	13 P1/ 2015-16	10.60	10.60	Work in completed
Additional Works					
30	Improvement to Left main canal from RD 5.80 Km to 6.37 Km of Bahuda Irrigation Project. (6.00Km to 6.15km) Agency: Abakasha Panigrahi	04 P1/ 2016-17	8.44	8.44	Work in completed
Sub Total			152.81	150.61	
Grand Total Lump Critical RVN			334.69	332.52	

Road Works

1	Improvement to Inspection Road on left bank of Bhimpur Distributary near Gothagam to Kelua of Right Main Canal of Bahuda Irrigation Project. Agency: Jitendra Kumar Panda	46 P1/ 2015-16	20.81	19.21	Work Completed
2	Improvement to Inspection Road on left main canal from Nuagaon to Badagam of Bahuda Irrigation Project. Agency: Bijayananda Behera	69 P1/ 2015-16	15.53	10.00	Work Completed
3	Improvement to Inspection Road on right bank of Bhramarabarapalli Distributary from Bahramarabarapuapalli to Nimakhandipentha of left main canal of Ghodahada Irrigation Project. Agency: Kishore Chandra Sardar	35 P1/ 2015-16	15.35	15.33	Work Completed
Sub-total			51.69	44.54	

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