



ANNUAL ACTIVITY REPORT FOR THE YEAR – 2017-18.

MAYURBHANJ INVESTIGATION DIVISION, UDALA

BRIEF HISTORY OF MAYURBHANJ INVESTIGATION DIVISION, UDALA,

MAYURBHANJ.

CREATION

As per erstwhile Irrigation Department Notification No. 17313 dt. 25.06.1991, Kalo Irrigation Division, has been converted as Mayurbhanj Investigation Division, Udala on redeployment and effective from 09-10-91. The remaining Sunei Irrigation Sub-division No. I, II & III are renamed as Mayurbhanj Investigation Sub-Division no. I, II & III. Subsequently Superintending Engineer, Central Investigation Circle, Bhubaneswar-12 in his letter no. 2484 date 28.09.91 fixed up temporary Headquarters as per convenience of work was made by Executive Engineer, which is as follows:

Mayurbhanj Inv.Sub.Dvn.No.I,Udala	Katra Irrigation Project
Mayurbhanj Inv.Sub.Dvn.No.II,Udala	Deokund Irrigation Project
Mayurbhanj Inv.Sub.Dvn.No.III,Kaptipada	Kanhu and Khairi Irrigation Project

Afterwards Bhimkund Investigation Sub-Division with headquarters at Swampatna, Keonjhar of defunct Keonjhar Investigation Division was brought under the control of E.E., Mayurbhanj Investigation Division, Udala vide letter no. 32433/dt. 28.09.92 of Govt. of Orissa, Department of Irrigation (now W.R.). This Sub-Division was entrusted to take up S/I work of Bhimkund Irrigation Project.

SURVEY AND INVESTIGATION

According to the orders of higher authority, this Division has taken-up various survey works of some other irrigation Projects which are (1) Baldiha (2) Kusei (3) Sanjo (4) Banktira..In the mean while, 3 Nos of the aforesaid projects namely Deokund Irr. Project, Baldiha Irr. Project & Sanjo Irr. Project has been closed due to interference of Similipal Tiger Reserve. of course 6 more projects namely Khairibhandan (revised), Sono Barrage Project (revised) & Budhabalanga Barrage Project, Katra Barrage Project ,Bhimkund Barrage Project,Jaleswar Barrage Project & Khadakhai Medium Irrigation Project,Phase-II have been included and the survey works of these seven projects are now in progress.

STATUS OF DIFFERENT PROJECTS UNDER MAYURBHANJ INV.DIVISION

At present this Division is dealing with Seven Nos. of projects located at three different districts of Odisha such as Mayurbhanj, Balasore & Keonjhar, However the position and status of S/I works of all the aforesaid projects are mentioned herewith :-

1) Budhabalanga Barrage Project.

Budhabalanga Barrage Project is situated near Village Kamata in Kuliana Block of Mayurbhanj District on River Budhabalanga. The barrage site is located with Longitude $86^{\circ}-38'-28''E$ and Latitude $22^{\circ}-03'-46''N$. The catchment area of the barrage site is 1008sqkm. The Maximum water level of the Barrage is fixed at 53.00M and there will be no village displacement and no forest submergence. On completion of the Project 8523Ha of ayacut can be irrigated in Samakhunta and Badasahi Block of Mayurbhanj District. All field survey works have been completed and tentative feasibility report along with flood study report received from Chief Engineer Project Planning, Formulation and Investigation, Odisha Bhubaneswar. Preparation of Detailed Project Report based on the parallel drawing of Barrage and canal structure is completed. The DPR of this project has been approved in 93rd meeting of the TAC held on 08.02.2018. The Forest Diversion proposal of 14.00 Ha is to be taken up. Mayurbhanj Investigation Sub-division No-I looks after the S/I works of this Project

2) Katra Barrage Project at Jogibandh.

S/I of proposed katra Barrage Project at Jagibandh undertaken on Katra River at Jagibandha of Bangiriposi Block of Mayurbahnj District. The barrage site is located with Longitude $86^{\circ}-32'-12.41''E$ and Latitude $22^{\circ}-12'-45.44''N$. The average bed level of the River at proposed site is 99.00m and R.L. of the Bank of the River is 109.00M. Pond level of the proposed barrage is fixed at 108.00M and there will be no village displacement and no forest submergence. On completion of the project about 4200 Ha of ayacut can be created in Sarashkana and Bangiriposi Block of Mayurbhanj District. The Survey work of Ayacut, Canal alignment, Barrage Base and Pondage Basin has been awarded to M/S OCC Ltd. The survey work is completed and one-third of the agreement value has been given to M/S OCC Ltd. as advance. The amount given as advance may be recovered from the 1st bill of the OCC Ltd. The feasibility report has been approved in 94th state TAC meeting held on 3.4.2018. Preparation of DPR is in Progress. Mayurbhanj Investigation Sub-division No-I looks after the S/I works of this Project.

3) Sono Barrage Project.

Sono Barrage Project is situated near village Jaida on Sono River under Gopabandhunagar lock of Mayurbhanj Districts. The catchment area of the barrage site is 678 sqkm. The DPR for the Sono Barrage project was approved in 61th TAC meeting held on 3.10.2008 and the project was administratively approved by the Department of Water Resources, Govt of Odisha. After completion of the project 9900Ha ayacut area will be irrigated in Gopabandhunagar, Badasahi, Remuna & Nilagiri Blocks. Stage –I clearance for FDP of 14.928 Ha has been approved (in-principle) by Ministry of Environmental forest & climate changes vide Ir.No-5ORC307/2017-BHU dated 4.8.2017. Stage II clearance for FDP is in progress. The forest diversion proposal is being supervised and monitored by Mayurbhanj Investigation Sub-division, No-II.

4) Khairibhandhan Barrage Project.-

Khairibhandan Barrage Project is situated near village Anabani in Jashipur Block of Mayurbhanj District. The barrage site is located with Longitude $86^{\circ}-03'-32''E$ and Latitude $21^{\circ}-57'-59''N$. The catchment area of the barrage site is 588sqkm. The Maximum water level of the Barrage is fixed at 395.00M and there will be no village displacement and no forest submergence. Revised Detailed Project Report of Khairibhandhan Barrage Project was submitted to CE, PPF&I on dt 9.3.2018 vide Ir. No- 332/WE. Consultancy for Technical support for documentation and processing of forest diversion proposal of Khairibhandhan

Barrage Project and study of EIA & EMP study for the same project has been awarded to M/S OCC Ltd.. Bhimkund Investigation Sub-division No-IV, Swampatana, Keonjhar looks after the S/I works of this Project.

5) Bhimkund Barrage project:-

Bhimkund Barrage Project is situated near village Rajnagar..The catchment area of the barrage site is 3418 sqkm.Consultancy service for the work of command area survey, alignment survey of canals and fixing of boundary pillars of Bhimkund Barrage Project at Rajnagar was awarded to M/S OCC Ltd., which has been completed. The CCA of Bhimkund Barrage Project comes to be about 31835Ha. after completion of the survey. The DPR preparation is under progress. Bhimkund Investigation Sub-division No-IV, Swampatana, Keonjhar looks after the S/I works of this Project..

6) Jaleswar Barrage Project.

The survey and Investigation works of Jaleswar Barrage Project at Shikharpur on River Subarnarekha in Baleswar district is under progress. Pondage basin survey, Barrage Base survey, Ayacut survey of 27000 Ha. has been complete. and canal alignment survey is under progress. Mayurbhanj Investigation Sub-division No-III looks after the S/I works of this Project.

7) Khadakhai Medium Irrigation Project,Phase-II.

The survey and Investigation works of Khadakhai Barrage Project Phase-II at Tabalabandh on River Khadakhai in Mayurbhanj district is in under progress. Pondage basin survey ,Barrage Base survey ,Periphery survey, Ayacut survey of 6723 Ha. has been complete. Canal alignment Survey is in progress. Mayurbhanj Investigation Sub-division No-I looks after the S/I works of this Project.

Mayurbhanj Investigation Division, Udala comprises of four numbers of Sub-division and twelve numbers of sections as detailed below.

A) Mayurbhanj Investigation Sub-division No-I, Udala

- 1) Mayurbhanj Investigation Section No-I, Udala
- 2) Mayurbhanj Investigation Section No-II, Udala
- 3) Mayurbhanj Investigation Section No-III, Udala

B) Mayurbhanj Investigation Sub-division No-II, Udala

- 1) Mayurbhanj Investigation Section No-I, Udala
- 2) Mayurbhanj Investigation Section No-II, Udala
- 3) Mayurbhanj Investigation Section No-III, Udala

C) Mayurbhanj Investigation Sub-division No-III, Kaptipada.

- 1) Mayurbhanj Investigation Section No-I, Kaptipada
- 2) Mayurbhanj Investigation Section No-II, Kaptipada
- 3) Mayurbhanj Investigation Section No-III, Kaptipada

D) Bhimkund Investigation Sub-division, Swampatana

- 1) Bhimkund Investigation Section No-I, Swampatana
- 2) Bhimkund Investigation Section No-II, Swampatana
- 3) Bhimkund Investigation Section No-III, Swampatana

Staff position of Mayurbhanj Investigation Division. Udala

Gazetted		Non-Gazetted	
Executive Engineer	1	H.Clerk	1
A.E.E.	4	Sr. Clerk	1
A.E.	5	Jr. Clerk	1
J.E.	4	Draughtsman	0
		Peon	4
		Night Watchman	1
		Work Charge staff	5
TOTAL	14	TOTAL	13

Executive Engineer
Mayurbhanj Investigation Division,
Udala

SALIENT FEATURES OF S/I WORKS UNDER MAYURBHANJ INVESTIGATION DIVISION, UDALA

Sl. No	Name of the Project	Barrage / Reservoir	Basin / River	Lat. / Long.	Location	CA (Sq km.)	Design Q Spillway (Cumecs)	FRL / Pond Level (m)	Area to be Benefitted (Ha.)		Blocks to be benefitted		Villages to be Benefitted (Nos.)	Project Cost
									GCA	CCA	Name of Block	Area (ha.)		
1	2	3	4	5	6	7	8	9	27	28	29	30	31	32
1	Sono Barrage Project	Barrage	Budhabalanga	21°-35' -15" (N) 86°-38' -15"	Jaida	678	3854	30.5	12,530	9,900	GB Nagar Badasahi Remuna	12530	93 Nos	216.73
2	Khairibhandan Barrage Project	Barrage	Baitrani	21°-57'-59" N 86°-03'-32" E	Analabani	588	3709	394	8,700	6,950	Jahipur Rarua Sukruli	8,700	56 Nos.	183.868
3	Budhabalanga Barrage Project	Barrage	Budhabalanga	22°-03'-46" N 86°-38'-22" E	Kamata	1008	3996	53	10000	8523	Shamakhunta Badasahi	10,000	66 Nos	240.69
4	Bhimkund Barrage Project	Barrage	Baitrani	21°-46'-15" (N) 85°-48'-51" (E)	Rajnagar	3418	15202	354	49030	31835	Karanjia, Sukruli, Patna,	49,030	181 Nos	-
5	Katra Barrage Project	Barrage	Budhabalanga	22°-12' - 45.44" (N) 86°- 32' - 12.41" (E)	Jagibandh	208	-	109	6000	4200	Bangiriposi, Saraskana	6,000	53 Nos	-
6	Jaleswar Barrage Project	Barrage	Subarnarekha	21° -47'-35"N 87° - 12'- 03"E	Shikharpur	18951	--	11.5	40000	27000	Jaleswar, Bhagarai, Basta, Baliapal	40,000	550 Nos.	--
7	Khadakhai Medium Irrigation Project, Phase-II	Barrage	Budhabalanga	22° -17'-16"N 86° - 07'- 16"E	Tabalabandh	870	--	-	7240	6723	Rairangpur, Bahalda, Tiring & Jamda	7,240	53Nos	--

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SI No	Name of the work	Target	Achievement	Expenditure incurred in Rs.
1	Sono Barrage Project			
	Forest Diversion proposal(Net Present value,Compensatory Afforestation Schem, Catchment Area Treatment.)			58639841.00
	Forest Diversion proposal(14.928 Ha)			547000.00
	Luminious Infoway RTI			15989.00
	TOTAL			59202830.00
2	Budhabalanga Barrage Project			
	Preparation of DPR,Memoramdam of TAC,			247371.00
	Pre-monsoon C.S. at G&D site.	3 Nos	3Nos	9381.00
	G&D Obserbation for Mon-son period	5 months	5 months	88611.00
	Repair of instrument & Luminious infoway RTI			33038.00
	Salary			1475000.00
	T&P			332000.00
	Luminious Infoway RTI			26599.00
	TOTAL			2212000.00
3	Katra Barrage Project			
	Payment to M/S OCC ltd. for Topographical survey work of Katra Barrage project.			2673313.00
	Pre-monsoon C.S. at G&D site.	3 Nos	3Nos	9381.00
	G&D Obserbation for Moonson period	3 months	3months	44306.00
	TOTAL			2727000.00
4	Khairibhandan Barrage Project			
	Ayacut Area Survey	1442.91 ha	1442.91 ha	634163.00
	2nd phase Advance to M/S OCC Ltd. for Forest Diversion proposal	26.444 ha		3102457.00
	2nd phase Advance to M/S OCC Ltd. for EIA/EMP study			971800.00
	Preparation of Documments for DPR			201600.00
	Pre-monsoon C.S. at G&D site.	3 Nos	3Nos	39235.00
	G&D Obserbation for Mon-son period	3 months	3 months	58745.00
	TOTAL			5008000.00
5	Bhimkund Barrage Project			
	Pre-monsoon C.S. at G&D site.	3 Nos	3Nos	9381.00
	G&D Obserbation for Moonson period	5 months	5months	88658.00
	Preparation of DPR			18972.00
	Luminious Infoway RTI			15989.00
TOTAL			133000.00	
6	Jaleswar Barrage Project			
	Double levelling			196599.00
	Ayacut Area Survey	27000Ha	21357.61	12383159.00
	Pondage Basin Survey	472.70ha	472.70ha	120584.00
	Barrage base Survey(Map)			4200.00
	Pre-monsoon C.S. at G&D site.	3 Nos	3Nos	9381.00
	G&D Obserbation for Mon-son period	4months	4months	73088.00
	T&P			303000.00
	Luminious Infoway RTI			158989.00
TOTAL			13249000.00	
7	Khadkhai Medium Irrigation Project Phase-II			
	Ayacut Area Survey	6723Ha	6723Ha	3898000.00
	TOTAL			3898000.00

GRAND TOTAL

86429830.00

Executive Engineer
Mayurb hanj Inv. Division, Udala

ALLOTMENT & EXPENDITURE FOR THE YEAR 2017-18

Sl. No.	Name of the Projects	Total allotment for the year 2017-18(in lakhs).	Total Expenditure up to March 2018 in Lakhs.
1	Sona Barrage Project	592.03	592.03
2	Budhabalanga Barrage Project	22.12	22.12
3	Katra Barrage Project at jogibandh	27.27	27.27
4	Jaleswar Barrage Project	132.49	132.49
5	Khairibandhan Barrage Project	50.08	50.08
6	Bhimkund Barrage Project	1.33	1.33
7	Khadakhai Barrage Project Phase-II	38.98	38.98
	Total	864.30	864.30
	Percentage of Expenditure=	100.00	

Executive Engiuneer
Mayurbhanj Investigation Division
Udala