

ANNUAL REPORT
OF
SUBARNAREKHA IRRIGATION DIVISION NO – II,
DEULI
FOR THE YEAR
2016-17

STATUS REPORT

SUBARNAREKHA IRRIGATION DIVISION NO - II, AT/PO-DEULI, DIST - MAYURBHANJ,
ODISHA.

The Subarnarekha Irrigation Division No-II, Deuli is functioning as a project Division under W.R. Department, Govt. of Odisha with effect from **26.10.2005**. The Division is functioning under Subarnarekha Irrigation Circle, Laxmiposi under Chief Engineer & Basin Manager, S. & B. Basin, Laxmiposi. It has four Sub-Divisions viz.

- (1) Subarnarekha Irrigation Sub-Division No.-I, Deuli.
- (2) Subarnarekha Irrigation Sub-Division No.-II, Deuli
- (3) Subarnarekha Irrigation Sub-Division No.-III, Deuli
- (4) Subarnarekha Irrigation Sub-Division No.-IV, Deuli

The division is headed by the Executive Engineer and the above sub-divisions are headed by Assistant Executive Engineers respectively.

Jurisdiction: -

Subarnarekha Irrigation Division No – II , Deuli is in charge of construction of Jambhira Earth Dam from RD 00 M to 7360 M(Completed) ,Construction of Spill Channel (Completed), Construction of Surface Drains and Top Bank Road of Jambhira Earth Dam from RD 00 M to 7360 M(Four Packages)and periphery development works for Jambhira Reservoir & Ichha Reservoir.

In addition to above work, C.E & B.M S&B Basin Laxmiposi vide his order no 7626 dt 15/12/16 directed to execute the following works. The Land Acquisition of these two works are in progress. (I) Construction of Nuagaon Distributary including all it's Minor and Sub-Minor with all it's structures & cement concrete lining works. (II) Construction of all Minors & Sub-Minors off-taking directly from JLMC within RD 45775M to 52901M including all minors & Sub-Minors with all it's structures and cement concrete lining.

Land Acquisition: -

- 1) Possessions of all the 35 nos. villages of **Jambhira Earth Dam** have been taken over.
- 2) The status of 36 nos of villages for construction of **Ichha Reservoir (Odisha Portion)** are as follows :-

- | | |
|------------------------------------|--------|
| (a) Possession received – | 21 nos |
| (b) Payment Stage - | 4 nos. |
| (c) 19(1) in process at D.O.W.R. – | 6 nos. |

(d) 19(1) in process at Spl. L.A.O. – 4 nos.

(e) Proposals to be submitted – 1 no.
after compliance

36 nos.

3) The status of 38 nos of villages of Nuagaon Distry. are as follows:

(a) Possession received – 20 nos.

(b) Payment Stage - 1 no.

(c) 19(1) in process at Govt. – 4 nos.

(d) 11(1) in process at Govt. – 2 nos.

(e) 11(1) in process at Spl. L.A.O. – 6 nos.

(f) Proposals to be submitted – 5 nos.

38 nos.

4) The status of 8 nos of villages for Minor & Sub-Minors directly off-taking from JLMC from RD 45775m to 52901m. are as follows:

(a) Possession received – 6 nos

(b) 11(1) in process at Spl. L.A.O. – 2 nos.

8 nos.

For compensatory afforestation of Ichha reservoir (Odisha Portion) alienation proposal of 42.01 Ha. land was initiated in mouza Kendua hill. But the proposal was returned by D.F.O., Rairangpur Forest Division due to existance of forest growth. This matter was dicussed in Revenue meeting. The Collector and District Magistrate, Mayurbhanj instructed the Tahasildars of the District to identify required land. But required Non -forest Govt. land was not available.

Therefore 120 acre of acquired land by DOWR is available between FRL 76.60 m. and MWL 78.10 m. of Jambhira reservoir which can be handed over to Forest Department for compensatory afforestation of Ichha reservoir. The proposal has been sent to Govt. for its approval vide letter no. 3986 dt. 01.07.2016 of Chief Engineer & Basin Manager, Subarnarekha & Budhabalanga Basin, Laxmiposi. As per instruction, the proposal is to be routed through the Spl. L.A.O., Subarnarekha Irrigation Project, Baripada.

PHYSICAL

SI NO.	NAME OF WORK	Agt. No.	UNIT	TOTAL AGT QUANTITY IN CUM/Deviation Quantity		QUANTITY EXECUTED UPTO 31.03.2016		QUANTITY EXECUTED DURING 2016-17		BALANCE		Remarks
				EARTH WORK	CONCRETE	EARTH WORK	CONCRETE	EARTH WORK	CONCRETE	EARTH WORK	CONCRETE	
1	Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 00m to 2460m.	26P1/2015-16	cum	7943/ 7990	5152/ 5642	4479.00	3217.00	2980	2346.00	-7459.00	-5563.00	work completed
2	Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 2460m to 4200m.	23P1/2015-16	cum	9134/ 9252	5930/ 6366	5312.00	3400.00	1244	1312.00	-6556.00	-4712.00	work in Progress
3	Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 4200m to 5540m.	22P1/2015-16	cum	8312.00	5114.00	3728.00	2284.00	2141	1388.00	2443.00	1442.00	work in Progress
4	Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 5540m to 7360m.	21P1/2015-16	cum	5965.00	3738/ 3975	4417.00	2465.00	846	1124.00	702.00	-3589.00	work in Progress
5	Construction of Dam road toe from Pachhakhali chhak to RHR	24P1/2015-16	cum	8408.00	421.00	4989.00	219.00	2406	194.00	1013.00	8.00	work completed
6	Construction of Dam toe road from RD 00m to Site office and connecting to State Highway ar Khaikhia Chhak	25P1/2015-16	cum	13671.00	36.00	9310.00	28.00	4355	3.00	6.00	5.00	work completed
7	Construction of Drain in both sides of service road from RD 200m to 820m of Spill Channel of Jambhira Earth Dam.	32P1/2015-16	cum	4153.00	1373.00	1451.00	1124.00	1725	256.00	977.00	-7.00	work completed
8	Construction of VRB at RD 203m of Spill Channel of Jambhira Earth Dam.	4P1/2016-17	cum	4082.04	1943.28	0.00	0.00	2375	959.00	1707.04	984.28	
9	Construction of three nos. HL bridges along with approach roads on Bholebeda- Tungasole and Saragchhida-Tungasole periphery roads.	12P1/2014-15	cum	113714.00	4774.00	44925.00	2126.00	53587	2654.00	15202.00	-6.00	work completed

SI NO.	NAME OF WORK	Agt. No.	UNIT	TOTAL AGT QUANTITY IN CUM/Deviation Quantity		QUANTITY EXECUTED UPTO 31.03.2016		QUANTITY EXECUTED DURING 2016-17		BALANCE		Remarks
				EARTH WORK	CONCRETE	EARTH WORK	CONCRETE	EARTH WORK	CONCRETE	EARTH WORK	CONCRETE	
10	Construction of Baghuasole School Complex and ANM Centre.	30P1/2014-15	cum	1425.00	935.51	562.00	230.00	60	541.00	803.00	164.51	work in Progress

Executive Engineer
SI Division No II Deuli

FINANCIAL

Sl. No	Name of the works	Agt No	Date of commencement	St. Date of Completion	EOT granted up to	Agt. Amount in lakhs.	Expenditure up to 31.03.2016	Expenditure during 2016-17	Total expenditure	Balance amount	Remarks
A	Old Works										
1	Cons. of Jambhira Earth Dam from truncated to ultimate height from RD 3930m to 4960m and U/s Rip-rap from RD 6060m to 7360m with its ancilliary works (Reach-III).	04F2/2010-11	08.12.2010	07.12.2012	30.06.2015	4098.84	4003.81	232.25	4236.06	0.00	Work completed
2	Cons. of Spill Channel of Jambhira Earth Dam from RD 00m to 1195m including all structures, CC Lining and Service road.	01F2/2011-12	18.07.2011	17.07.2013	25.04.2015	1495.33	1435.12	0	1435.12	0.00	Work completed
B	On going works										
1	Cons. of surface drain and Dam top bank road of Jambhira Earth dam from RD 00m to 2460m.	26P1/2015-16	10.09.2015	09.03.2017		684.77	297.49	350.82	648.31	36.46	Work Completed
2	Cons. of surface drain and top bank road of Jambhira Earth dam from RD 2460m to 4200m.	33P1/2015-16	07.09.2015	06.03.2017	EOT applied	639.54	301.01	178.7	479.71	159.83	
3	Cons. of surface drain and top bank road of Jambhira Earth dam from RD 4200m to 5540m.	22P1/ 2015-16	04.09.2015	03.03.2017	EOT applied	540.48	178.82	186.17	364.99	175.49	
4	Cons. of surface drain and top bank road of Jambhira Earth dam from RD5540m to 7360m	21P1/2015-16	31.08.2015	27.02.2017	EOT applied	479.75	212.44	174.48	386.92	92.83	
5	Improvement to D/s toe road of Jambhira Earth Dam from Pachakhali Chhak to Right Head Regulator.	24P1/2015-16	09.09.2015	08.08.2016	---	117.84	32.17	89.87	122.04	0	Work Completed
6	Improvement of Dam toe road of Jambhira Earth Dam from RD 00m to site office and its approach road connecting the state highway at Khaikhia chhak.	25P1/2015-16	09.09.2015	08.08.2016	1/31/2017	141.94	14.92	123.94	138.86	3.08	Work Completed

Sl. No	Name of the works	Agt No	Date of commencement	St. Date of Completion	EOT granted up to	Agt. Amount in lakhs.	Expenditure up to 31.03.2016	Expenditure during 2016-17	Total expenditure	Balance amount	Remarks
7	Cons. of Drain in bothsides of service road from RD 200m to 820m of spill channel of Jambhira Earth dam.	32P1/2015-16	15.10.2015	14.03.2016	14.05.2016	70.03	40.02	30.22	70.24	0	Work Completed
8	Construction of VRB at RD 203m of Spill Channel of Jambhira Earth Dam.	4P1/2016-17	6/2/2016	12/1/2017		140.41	0	41.89	41.89	98.52	
C	Periphery Development Works										
1	Cons. of 3 nos of HL bridges alongwith approach roads on Bhulbeda-Tungasole and Saragchhida-Tungasole periphery road.	12F2/2014-15	29.10.2014	28.10.2016	EOT applied	850.49	724.65	65.17	789.82	60.67	
2	Cons. of Baghuasole school complex and ANM centre	30P1/2014-15	13.03.2015	12.03.2017	EOT applied	249.61	107.31	60.08	167.39	82.22	
3	Other Periphery Development Works					1286.75	1133.82	117.39	1251.21	35.54	
					TOTAL	10795.78	8481.58	1650.98	10132.56	744.64	

Executive Engineer
S.I. Division No. II, Deuli.

PROFORMA

(Report for test Audit of works executed during the year 2016-17)

A. GENERAL REPORT

1. Name of the work

- : (a) Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 00m to 2460m.
- : (b) Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 2460m to 4200m.
- : (c) Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 4200m to 5540m.
- : (d) Construction of Surface drains and Top Bank Road of Jambhira Earth Dam from RD 5540m to 7360m.
- : (e) Construction of Dam road toe from Pachhakhali chhak to RHR
- : (f) Construction of Dam toe road from RD 00m to Site office and connecting to State Highway at Khaikhia Chhak
- : (g) Construction of Drain in both sides of service road from RD 200m to 820m of Spill Channel of Jambhira Earth Dam.
- : (h) Construction of VRB at RD 203m of Spill Channel of Jambhira Earth Dam.
- : (i) Construction of three nos. HL bridges along with approach roads on Bholebeda- Tungasole and Saragchhida-Tungasole periphery roads.
- : (j) Construction of Baghuasole School Complex and ANM Centre.

2. Total agreement : **10795.78 lakh**

3. Date of commencement : (h) 02.06.2016 Construction of VRB at RD 203m of Spill Channel of
of work as per agreement : Jambhira Earth Dam.

4. Actual date of commencement : Other works mentioned above are be continuation on previous year.
(Specify it in continuation of
Previous year(s) work

5. Date of issue of the following :
documents and designation of
issuing authority

i-Area pass register : EE, S.I. Div No-II, Deuli

ii-OK Card : CRO, Quality Control Division, Laxmiposi

iii-Site order book : EE, S.I. Div No-II, Deuli

6. No. of SQMs visit : 1 times

7. No. of times action taken report

(ATR) sought for on the basis

of SQMs observation : nil

8. No. of ATR submitted : nil

B.WORKS SPECIFIC REPORT

1. Earthwork filling

1. Date of actual commencement :

of Earth work in filling

2.Total quantity executed : 71719 cum

3. No. of times area passed :

4. No. of OK cards issued : 1 nos

5. No. of borrow area used : 1 nos

6. No. of times soil from borrow : 1 nos

area tested

7. No. of times compaction test : 10 nos

Conducted

8. No. of times test results failed : 2 nos

to be satisfied the codal

stipulation

C.PCC/RCC

1.Date of actual commencement

of different grade of concreting :

2.Date on which design mix : 22.01.2016, 10.02.2016, 08.08.2016, 22.11.2016

proportion Communicated by

the QC lab

3.No. of times construction material :

Tested during execution(gradation)	<u>M15</u>	<u>M20</u>	<u>M25</u>
i. Fine aggregate	:	61	
ii. Coarse aggregate	:	104	

4. Total quantity executed : 10777 Cum

5. No. of times area passed : 156

6. No. of times OK cards issued : 151

7. No. of cube test conducted : 480

8.No. of times test results failed to : nil

satisfy the codal stipulation

D.CEMENT/STEEL

1. BRAND

i. STEEL : SAIL

ii. CEMENT : KONARK, ULTRATECH

2.Date on which test was conducted

i. STEEL :

ii. CEMENT : 22.01.2016, 10.02.2016, 08.08.2016, 22.11.2016

ALL OTHER MISCELLANEOUS ITEMS OF WORK

Junior Engineer

Sub-Divisional officer

Executive Engineer,

SI Division-II ,Deuli