



**ANNUAL REPORT**  
**ON**  
**JAMBHIRA CANAL DIVISION,**  
**MORADA**  
**FOR THE YEAR**  
**2017-18**  
**SUBARNAREKHA IRRIGATION**  
**PROJECT**

## **STATUS REPORT**

JAMBHIRA CANAL DIVISION, MORADA, MAYURBHANJ, ORISSA.

The Jambhira Canal Division, Morada is functioning as a project Division under W.R. Department, Govt. of Odisha with effect from **31.05.2005**. The Division is functioning under Subarnarekha Irrigation Circle, Laxmiposi under Chief Engineer & Basin Manager, B. S. & B. Basin, Laxmiposi. It has three Sub-Divisions viz.

- (1) Jambhira Canal Sub-Division No.-I, Morada,
- (2) Jambhira Canal Sub-Division No.-II, Morada,
- (3) Jambhira Canal Sub-Division No.-III, Morada,

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

### **Jurisdiction: -**

Jambhira Canal Division, Morada is in charge of construction of Jambhira left main canal from RD 45630M to 82646M and its all systems with Basta Distributary and its system and Amarda Distributary and its system.

### **Land Acquisition: -**

- 1) All 32 villages are possessed for **Jambhira Left Main Canal** from RD 45630M to 82646M.
- 2) Out of 67 Nos villages 38 Nos are in possession for **Raibania Distributary and its system** and 2 Nos are in LA Process and 27 Nos proposal are to be resubmitted.
- 3) Out of 64 Nos villages 22 Nos are in possession for **JLMC Minors & Sub-Minors** and 7 Nos are in LA Process and 35 Nos proposal are to be submitted.
- 4) Out of 109 Nos villages 12 Nos are in possession for **Amarda & Basta Distributary and its system** and 28 Nos are in LA Process and 69 Nos proposal are to be resubmitted.

**Ongoing works: -**

**1) Construction of JLMC from RD 45630M to 63755M including all structures with cement concrete lining and service road with additional work and balance work.**

- a) Name of Agency: - **M/S D.D. Builders Ltd.**
- b) Agreement No - **P1/ 03F2/ 2015-16 dated 27.04.2015**
- c) Date of commencement: - **27.04.2015**
- d) Agreement Amount: - **Rs 57, 47, 51, 337/-**
- e) Expenditure Amount from 01.04.2017 to 28.03.2018: - **Rs 13, 46, 73, 207/-**
- f) Earthwork quantity executed from 01.04.2017 to 28.03.2018: - **3,39,140.00 cum**
- g) Concrete quantity executed from 01.04.2017 to 28.03.2018: - **15,086.00 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	7
1	Gradation of Fine Aggregate	335	335	0	
2	Gradation of Course Aggregate	420	420	0	
3	Silt content sand	335	335	0	
4	Bulkage	335	335	0	
5	Cement Test	2	2	0	
6	Concrete Cubes	1052	1052	0	
7	Compaction test	1874	1824	50	

**2) Construction of Raibania Distributary from RD 00M to 10000M and its all Minors & Sub-Minors including all structures with cement concrete lining and service road (Package-R-I).**

- a) Name of Agency: - **M/S D.D. Builders Ltd.**
- b) Agreement No - **P1/ 06F2/ 2014-15 dated 06.01.2015**
- c) Date of commencement: - **06.01.2015**
- d) Agreement Amount: - **Rs 31, 05, 57, 128/-**
- e) Expenditure Amount from 01.04.2017 to 31.03.2018: - **Rs 6, 54, 84, 735/-**
- f) Earthwork quantity executed from 01.04.2017 to 31.03.2018: -  
Cutting- 1, 32,179.93 cum Filling- 82,997.26 Cum
- g) Concrete quantity executed from 01.04.2015 to 31.03.2016: -**6188.901 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	18	18	Nil	
2	Gradation of Coarse Aggregate	56	55	1	
3	Silt content sand	17	17	Nil	
4	Bulkage	Nil			
5	Cement Test	2	2	Nil	
6	Concrete Cubes	225 set	225	Nil	
7	Compaction test	553	516	37	

**3) Construction of Raibania Distributary from RD 10000M to 13950M and its all Minors & Sub-Minors including all structures with cement concrete lining and service road (Package-R-II).**

- a) Name of Agency: - **M/S Ambica Construction Company.**  
b) Agreement No - **P1/ 02F2/ 2014-15 dated 01.09.2014**  
c) Date of commencement: - **01.09.2014**  
d) Agreement Amount: - **Rs 16, 14, 38, 627/-**  
e) Expenditure Amount from 01.04.2017 to 31.03.2018: - **Rs 2, 49, 93, 488/-**  
f) Earthwork quantity executed from 01.04.2017 to 31.03.2018: - 2438 cum  
g) Concrete quantity executed from 01.04.2017 to 31.03.2018: - 262.629 cum

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	8	7	1	
2	Gradation of Coarse Aggregate	21	21	0	
3	Silt content sand	2	2	0	
4	Bulkage	2	2	0	
5	Cement Test	1	1	0	
6	Concrete Cubes	228	228	0	
7	Compaction test	20	20	0	

**4) Construction of Raibania Distributary from RD 13950M to 19000M and its all Minors & Sub-Minors including all structures with cement concrete lining and service road (Package-R-III).**

- a) Name of Agency: - **Ratna Infrastructure Project Private Ltd.**
- b) Agreement No - **P1/ 01F2/ 2015-16 dated 27.04.2015**
- c) Date of commencement: - **27.04.2015**
- d) Agreement Amount: - **Rs 39, 40, 93, 111/-**
- e) Expenditure Amount from 01.04.2017 to 31.03.2018: - **Rs 6, 17, 80, 013/-**
- f) Earthwork quantity executed from 01.04.2017 to 31.03.2018: - **126790.00 cum**
- g) Concrete quantity executed from 01.04.2017 to 31.03.2018: - **15894.843 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	5	5	Nil	
2	Gradation of Course Aggregate	13	13	Nil	
3	Silt content sand	5	5	Nil	
4	Bulkage	5	5	Nil	
5	Cement Test	1	1	Nil	
6	Concrete Cubes	306	306	Nil	102 sets
7	Compaction test	Nil	Nil	Nil	

**5) Construction of Raibania Distributary from RD 19000M to 24400M and its all Minors & Sub-Minors including all structures with cement concrete lining and service road (Package-R-IV).**

- a) Name of Agency: - **M/S B.M.T. Profile.**
- b) Agreement No - **P1/ 07F2/ 2014-15 dated 11.02.2015**
- c) Date of commencement: - **11.02.2015**
- d) Agreement / Deviated Amount: - **Rs 36, 00, 05, 376/- / Rs 37, 76, 74, 811/-**
- e) Expenditure Amount from 01.04.2017 to 31.03.2018: - **Rs 9, 28, 47, 506/-**
- f) Earthwork quantity executed from 01.04.2017 to 31.03.2018: - **105545.326 cum**
- g) Concrete quantity executed from 01.04.2017 to 31.03.2018: - **8084.316 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	9	8	1	The failed materials removed from site
2	Gradation of Course Aggregate	24	24	Nil	
3	Silt content sand	9	9	Nil	
4	Bulkage	9	9	Nil	
5	Cement Test	1	1	Nil	
6	Concrete Cubes	735	735	Nil	245 sets
7	Compaction test	196	192	4	

**6) Construction of Raibania Distributary from RD 24400M to 26861M and its all Minors & Sub-Minors including all structures with cement concrete lining and service road (Package-R-V).**

- a) Name of Agency: - **M/S B.M.T. Profile.**  
b) Agreement No - **P1/ 01F2/ 2016-17 dated 26.12.2016**  
c) Date of commencement: - **26.12.2016**  
d) Agreement Amount: - **Rs 33, 86, 75, 223/-**  
e) Expenditure Amount from 01.04.2017 to 31.03.2018: - **Rs 25, 69, 993/-**  
f) Earthwork quantity executed from 01.04.2017 to 31.03.2018: - **20847.41 cum**  
g) Concrete quantity executed from 01.04.2017 to 31.03.2018: - **00 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	Nil	Nil	Nil	
2	Gradation of Course Aggregate	Nil	Nil	Nil	
3	Silt content sand	Nil	Nil	Nil	
4	Bulkage	Nil	Nil	Nil	
5	Cement Test	Nil	Nil	Nil	
6	Concrete Cubes	Nil	Nil	Nil	
7	Compaction test	42	42	Nil	

**7) Construction for all Minors & Sub-minors of JLMC from RD 54393M to 59894M and 72624m to 76655m including all structures with cement concrete lining.**

- a) Name of Agency: - **M/S P.D. Infrastructure.**  
b) Agreement No - **P1/ 03F2/ 2016-17 dated 17.03.2017**  
c) Date of commencement: - **17.03.2017**  
d) Agreement Amount: - **Rs 11, 16, 68, 526/-**  
e) Expenditure Amount from 01.04.2017 to 31.03.2018: - **Rs 1, 40, 23, 162/-**  
f) Earthwork quantity executed from 01.04.2017 to 31.03.2018: - **29629.00 cum**  
g) Concrete quantity executed from 01.04.2017 to 31.03.2018: - **1294.00 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	8	8	Nil	
2	Gradation of Course Aggregate	10	10	Nil	
3	Silt content sand	3	3	Nil	
4	Bulkage	1	1	Nil	
5	Cement Test	1	1	Nil	
6	Concrete Cubes	43	43	Nil	
7	Compaction test	64	64	Nil	

**8) Construction of Chasipada Distributary off taking from RD 1373m of Amarda Distributary with its all minors and Sub-minors including all structures with Cement Concrete Lining and Service road.**

- a) Name of Agency: - **M/S SARALA Projects Works Pvt. Ltd.**  
b) Agreement No - **P1/01F2 of 2017-18 dated 10.04.2017**  
c) Date of commencement: - **10.04.2017**  
d) Agreement Amount: - **Rs 26, 61, 91, 815/-**  
e) Expenditure Amount from 01.01.2018 to 31.03.2018: - **Rs 4, 03, 64, 268/-**  
f) Earthwork quantity executed from 01.01.2018 to 31.03.2018: - **26388.515 cum**  
g) Concrete quantity executed from 01.01.2018 to 31.03.2018: - **2591.132 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	11	11	Nil	
2	Gradation of Course Aggregate	23	21	2	The failed materials removed from site
3	Silt content sand	11	11	Nil	
4	Bulkage	11	11	Nil	
5	Cement Test	1	1	Nil	
6	Concrete Cubes	771	771	Nil	257 sets
7	Compaction test	25	25	Nil	

**9) Construction of J.L.M.C. from RD 63755m to 82646M including all structures with Cement Concrete Lining and Service road with Balance work and additional work**

- a) Name of Agency: - **M/S Ambica Construction Company.**
- b) Agreement No - **P1/02F2 of 2017-18 dated 01.01.2018**
- c) Date of commencement: - **01.01.2018**
- d) Agreement Amount: - **Rs 13, 35, 39, 502/-**
- e) Expenditure Amount from 01.01.2018 to 31.03.2018: - **Rs 2, 63, 79, 765/-**
- f) Earthwork quantity executed from 01.01.2018 to 31.03.2018: - **00 cum**
- g) Concrete quantity executed from 01.01.2018 to 31.03.2018: - **2274.273 cum**

Sl. No.	Item of Work	Number of tests conducted (For executed Quantity)	No. of tests Qualified	No. of tests failed	Remarks
1	2	4	5	6	
1	Gradation of Fine Aggregate	3	1	1	The failed materials removed from site
2	Gradation of Course Aggregate	7	7	Nil	
3	Silt content sand	3	3	Nil	
4	Bulkage	3	3	Nil	
5	Cement Test	1	1	Nil	
6	Concrete Cubes	183	183	Nil	61 sets
7	Compaction test	0	0	Nil	

**Executive Engineer  
Jambhira Canal Division  
Morada**