



**GOVERNMENT OF ODISHA
DEPARTMENT OF
WATER RESOURCES**

**ANNUAL REPORT OF
EARTH DAM DIVISION,
CHITRAKONDA FOR
2015-16**

**BALIMELA DAM (JOINT) PROJECT,
CHITRAKONDA AND SATIGUDA MEDIUM
IRRIGATION PROJECT, MALKANGIRI.
(ODISHA)**

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INTRODUCTION

The Earth Dam Division, Chitrakonda looks after mainly the maintenance works of Balimela Dam (Jt.) Project and Satiguda Medium Irrigation Project along with its distribution system. There are four Sub-Divisions namely (1) L.E.D.Sub-Division, Chitrakonda (2) RB & W/S Sub-Division, Chitrakonda (3) B.E.Sub-Division, Chitrakonda and (4) S.I.Sub-Division, Malkangiri.

Balimela Dam project is a joint project with the expenditure incurred by both the States of Orissa and Andhra Pradesh. Accordingly, share of water is also on 50 : 50 basis. The project has been completed during 1972 and the length of the Reservoir is about 65 Kms. Chitrakonda and adjoining areas including the cut-off area consists of 16 Gram Panchayats which are quite backward, remote and tribals. The people of this region are very poor and illiterate and subjected to lack of proper communication facility. Besides the above, 151 villages are on other side of the Balimela Dam Reservoir. Most of people of those villages are facing a lot of inconveniences for communication and transportation of essential commodities due to non-availability of proper communication means. Since the area is remote and backward, there is requirement for accurate focus on development.

The Division takes responsibility on preparation of water accounts of Balimela Dam Reservoir and distribution of water to Odisha and Andhra Pradesh States. A triparty meeting is being held every month among O.H.P.C, APPGENCO and staff of this Division / Chief Construction engineer office of State Water Resources Department at alternative venues at Chitrakonda, Balimela and Sileru (A.P) on water consumption of Balimela Reservoir during the month.

MAINTENANCE OF B.D.P. WORKS

This Division looks after the maintenance of Main Earth Dam , Spillway, three nos. of Dyke i.e. I , II & III through the Left Earth Dam Sub-Division. Similarly maintenance of water supply Head works and Distribution system to permanent colony at Chitrakonda is under the jurisdiction of the Sub-Divisional Officer, RB & WS Sub-Division, Chitrakonda. Maintenance of Motor Launch Service, Garrage and Electrical installation to MED, Spillway, Permanent Colony at Chitrakonda is under the jurisdiction of the Sub-Divisional Officer, Balimela Electrical Sub-Division, Chitrakonda.

II. MAINTENANCE OF MOTOR LAUNCH SERVICE.

This Division take special responsibility in rendering Motor Launch Service to the cut-off area people in the Balimela Dam Reservoir. Presently eight nos. of Motor Launches are plying in the Balimela Dam Reservoir namely, Bansadhara, Balimela, Neelakantha, Malyabanta ,Dalkhai, Moharaja ,Sree Jaganath and Sree Lingaraj(New) . The above Motor Launches are plying in Balimela Dam Reservoir in different routes such as from (1) Ferry Ghat Chitrakonda to Jantri covering a distance of 61 KM, (2) Ferry Ghat, Chitrakonda to Janbai covering a distance of 21 KM and (3) Ferry Ghat, Chitrakonda to Sindhiput covering a distance of 45 KMs with required number of halting stations.

SALIENT FEATURES OF BALIMELA DAM (JOINT) PROJECT:
CHITRAKONDA::DIST: MALKANGIRI (ODISHA)

Name of Dam : Balimela Dam (Joint) Project
 At -Chittrakonda, Pin- 764052.

GENERAL

- I. Location : State : Odisha, Dist. Malkangiri
 4 Kms. away from Andhra Pradesh
 and Odisha State Boarder.
 Latitude:- 18-8'-25" N
 Longitude:- 82-7'-22"
- II. Purpose : Multipurpose river valley scheme
 Mainly intended for Hydro Electric
 Power Generation.
- III. River : Machkund – Sileru
 Main Basin : Godavari.
 Sub-Basin : Sabari.
- IV. Area catchment : 4910 Sq.Km of which, 2224 Sq.Km
 Is intercepted.
- V. Nature of catchment : Hilly with dense vegetation
 (average)
- Rain – fall : 32.34 mm 54.46mm 70.69 mm 63.50 mm
- Snow : Nil

VI. Total annual yield of
Catchment:-

- | | | | |
|-------|---|---|-------------------------------|
| 1. | Observed Max. discharge | : | 5400 m/sec (5400 cumecs) |
| 2. | Minimum including
regulated releases
from Machkund. | : | 54 m / sec (1900 cusecs) |
| VII. | Design flood discharge | : | 14,300 m /Sec (505000 cumecs) |
| | Routed flood discharge | : | 10930 m /Sec.(386000 cumecs) |
| VIII. | Year of commencement of
Construction | : | 1962 |
| IX. | Year of completion | : | 1977 |
| X. | Total cost | : | Rs. 53 Crores (Net) |

DAM

- | | | | |
|----|-----------------|---|----------------------------|
| 1. | Type | : | Earth-fill - Gravity type. |
| 2. | Width of top | : | 9.15 m (30 ft.) |
| 3. | Width at button | : | 482.16 m (1582 ft.) |
| 4. | Bed Rock | : | “ KHONDALITE” |

5. Height :-

- a) Maximum height above the lowest point of foundation. : 70 m (230 ft.)
- b) Height above the lowest river bed at Dam :- : 70 m (230 ft.)
- c) Height of the top of the Dam above the crest of the Spillway. : 16.46 m (54 ft.)
- d) Length at the top of the Dam : 1821 m (5975 ft.)

Non-over flow

- i. Main : Spill-way is separate from Main Dam.
- ii. Subsidiary :
- iii. Spillway. : Over-flow Section. : 152.40 m (500 ft.)
Non-overflow section:- 110.00 m (361 ft.)

XII. Total volume content :-

1. Masonary and concrete : 96750 Cubic meter
2. Earth : 19000000 Cubic meter

XIII. **RESERVOIR :-**

- | | | | |
|-----|--|---|----------------------------------|
| 1. | T.B.L. | : | 466.34 m (1530 ft.) |
| 2. | M.W.L. | : | 462.69 m (1518 ft.) |
| 3. | Area at M.W.L. | : | 1712 ha (43 274 Acres) |
| 4. | F.R.L. | : | 462.08 m (1516 ft.) |
| 5. | Area at F.R.L. | : | 16908 ha (41782 Acres) |
| 6. | Area at MDDL 438.91 m
(1440 ft) | : | 6689 ha (16529 Acres) |
| 7. | Maximum length | : | 50 KM |
| 8. | Maximum width | : | 8 KM |
| 9. | Length of periphery | : | 360 KM. |
| 10. | Gross Storage capacity
at MWL 462.69 m(1518.00
ft.) | : | 3695 M.Cum.
(130500 Mcft.) |
| 11. | Gross storage capacity
at F.R.L. 462.08 m
(1516.00 ft.) | : | 3610 M. Cum.
(127500 Mcft.) |

12. Gross storage capacity : 935.00 M.Cum.
 at MDDL 438.91 (33000 Mcft.)
 (1440.00 ft.)
 (Normal Pool)
13. Gross storage capacity : 751 M.Cum.
 at MDDL 435.86 M.
 (1430.00 ft.) (26500 Mcft.)
14. Effective Storage : 22676 M. Cum.
 Capacity between (94500 Mcft.)
 RI. 1516 to 1440 ft.
15. Effective Storage : 2860 M.Cum.
 between RL 1516 to (101000 M.Cum.)
 1430 ft.
16. Available draw-down : 2860 M.Cum.
 435.86 M (1430 ft.) (101000 Mcft.)

XIV. SPILLWAY

1. Type : Straight gravity masonry
 (OGEE Type)
2. Type and number & gates : Radial crest gates of
 Steel - 10 Nos.
3. Size of each radial gate : 12.19 M X 12.19 M (40' X 40') each.

- | | | | |
|-----|--|---|--|
| 4. | Crest level of Spillway
(OGEE top) | : | 449.88 m (1476 ft.) |
| 5. | Top level of crest gates | : | 462.08 m (1516 ft.) |
| 6. | Total length of spill-way
(including non over flow
section). | : | 262.40 m. (861 ft.) |
| 7. | Means of operation of
Crest gates. | : | Electrically Operated. |
| 8. | Number and size of Sluice
Gates. | : | 2 Nos.
2.44 m x 3.66 m ht. each
(8' - 0 x 12' - 0") |
| 9. | Situation of Sluices | ; | Left flank |
| 10. | Sill of Spillway sluices | : | 432.61 m (1419 ft.) |
| 11. | Date of erection of
Spillway crest gates. | : | August - 1977 |
| | | | 3 |
| 12. | Maximum discharge
capacity of Spillway. | : | 10930 m/second (386000 cusecs) |
| 13. | Maximum discharge
Capacity of spillway sluices. | : | 227 cumecs (8000 cusecs) |
| 14. | Top of Spillway Dam | ; | 466.34 mt. (1530.00 Ft.) |

STAFF POSITION

Sl.No.	Category of Posts	No.of Posts sanctioned	No.of Posts filled up	No. of Posts vacant
1	Executive Engineer (Civil)	1	-	1
2	Asst. Executive Engineer(C)	3	3	-
3	Estimator (Asst. Engineer)	1	1	-
4	Asst. Engineer(C)	3	3	-
5	J.E. (Civil)	3	3	-
6	Asst. Engineer(E)	1	1	-
7	Junior Engineer (E)	4	1	3
8	Asst. Engineer (M)	1	1	-
9	Junior Engineer (M)	4	1	3
10	Head-Clerk	1	1	-
11	Divisional Accountant	1	-	1
12	Senior Clerk	2	2	-
13	Junior Clerk	8	4	4
14	Jr. Stenographer	1	-	1
15	Draftsman	1	1	-
16	Tracer	1	1	-
17	Peon	11	11	-
18	N.W.C.S	1	1	-
19	Contigent Khalasi	22	21	1
20	Regular wages	54	54	-

DETAILS OF EXPENDITURE ON WORKS

SL. NO.	NAME OF THE SCHEME	ALLOTMENT RECEIVED RS IN LAKHS	EXPENDITURE 2015-16 RS IN LAKHS
1 .	20-2801-01-102-0851-21033 - Maintenance Works of B.D.P.	275.00	237.50
2 .	20-2801-01-102-0851-21080- Maintenance and Repair of Launch Service of BDP	125.00	106.81
3 .	20-2801-01-102-0851-21003- Electricity Consumption Charges.	30.00	30.00
4 .	20-2801-01-102-0851-31003- Tools and Plant.	4.40	4.38
5 .	20-2701-36-101-0851-21033 - Maintenance Works of S.I.P.	50.00	50.00
6	20-2701-36-101-0851-21073 – Special Repair Works of S.I.P.	20.00	20.00
7	20-2701-36-101-0851-21111 – Maintenance of Residential building of S.I.P.	5.00	5.00
8	20-2701-80-800-1729-21033 – 000 Maintenance of Critical Medium Irrigation work of S.I.P.	175.00	175.00
9	20-2701-36-101-0851-21072 – Special on Gate Works of S.I.P.	8.50	8.50
	TOTAL	692.90	628.69
	DRIP WORKS		
	20-4701-67-800-2410-37081-000 Dam and Appurtenant Work (DRIP Works of BDP & SIP)	300.00	206.38

ALLOTMENT FOR THE YEAR 2015-16

BALIMELA DAM (JOINT) PROJECT

01.	21033 -	Maintenance Work	Rs. 275.00 Lakh
02.	21003 -	Electricity Consumption	Rs. 30.00 Lakh
03.	21080 -	Maintenance and Repair of Launch Services.	Rs. 125.00 Lakh
04.	31003 -	Tools & Plants.	Rs. 4.40 Lakh

SATIGUDA IRRIGATION PROJECT

01.	1729	- Critical Lump Grant	Rs. 175.00 Lakh
02.	21033	- Maintenance Works	Rs. 50.00 Lakh
03.	21073	- Special Repair	Rs. 20.00 Lakh
04.	21072	- Special Repair of Gate Works.	Rs. 8.50 Lakh
05.	21111	- Maintenance of Residential building.	Rs. 5.00 Lakhs

DETAILS OF WORK LIST OF 2015-16**Balimela Dam Project (Maintenance).**

SL. NO.	NAME OF THE WORK	ESTIMATED COST IN RS.	AGGREGEMENT VALUE IN RS.	AGT. NO. P1/F2/K2	EXP. IN RS
1	2	3	4	7	8
1	M/R to Non-Residential building at P Colony, Chittrakonda for the year 2015-16 (Repair and renovation of compound wall leading to Water Tank)	5,30,300/-	4,46,373/-	01P1/ 15-16	
2	M/R to Conservancy Measures to 'P' Colony, Chittrakonda for the year 2015-16 (Renovation of drain at back side of quarter from Qtr. No. DR 81 to 88 and DR 89 to DR-96)	8,69,700/-	7,32,001/-	02P1/ 15-16	
3	M/R to Dyke-I for the year 2015-16 (Construction of Masonary drain of length 225 mtr.) at U/S and guard wall of length 112 mtr. At D/S side of Dyke-I of right flank.	9,84,200/-	8,28,410/-	03P1/ 15-16	
4	Providing Security arrangement for Balimela Dam Project for the year 2015-16 for period from November' 2015 to March' 2016 (A, B & C Shift) for MED, Spillway and Gate Shaft.	8,65,400/-	7,58,737/-	04P1/ 15-16	
5.	Providing Security arrangement for Motor Launch Section of Balimela Dam Project for the year 2015-16. (Period from November 2015 to March' 2016 (A, B & C Shift).	2,73,300/-	2,39,686/-	05P1/ 15-16	
6.	M/R to Residential building S/R Type quarters at P Colony, Chittrakonda for the year 2015-16 (Repair and renovation to compound wall of SR type quarters).	2,99,900/-	2,52,409/-	06P1/ 15-16	

7.	M/R to Dyke-I of B.D.P. for the year 2015-16 (Repair to Right and Left Flank rough toe rip rap).	5,21,300/-	4,38,778/-	07P1/ 15-16	
8.	M/R to Conservancy Measures at 'P' Colony, Chitrakonda for the year 2015-16 (Renovation of Main Road side drain from SR Quarter No. 109 to CA- 01).	8,18,300/-	6,88,718/-	08P1/ 15-16	
9.	M/R to Conservancy Measures at 'P' Colony, Chitrakonda for the year 2015-16 (Renovation of drain at back side of Quarter from DR-01 to DR-12).	9,19,500/-	7,73,944/-	09P1/ 15-16	
10.	M/R to Non-Residential building at 'P' Colony, Chitrakonda for the year 2015-16 (Construction of cement concrete road from Main road to water tank).	7,73,700/-	6,51,252/-	10P1/ 15-16	
11.	M/R to MED for the year 2015-16 (Construction of compound wall around oil store room at Launch Ghat)	8,44,500/-	5,47,701/-	11P1/ 15-16	
12.	M/R to Dyke-I for the year 2015-16 (Repair of 2 nos. Staff quarter and 1 no. Store room at Dyke-I and 2 nos. Staff quarter at Tunnel Camp Colony).	4,92,400/-	4,14,450/-	12P1/ 15-16	
13.	M/R to Dyke-II for the year 2015-16 (Construction of guard wall of length 380 mtr.)	9,49,000/-	7,98,734/-	13P1/ 15-16	
14.	M/R to Residential building SR type quarter at 'P' Colony, Chitrakonda for the year 2015-16 (Repair to 15 nos. of SR type quarters).	2,97,600/-	2,50,515/-	14P1/ 15-16	
15.	M/R to Dyke-I for the year 2015-16 (Down stream slope correction).	5,32,300/-	4,48,023/-	15P1/ 15-16	

16.	M/R to Main Earth Dam for the year 2015-16 (Weather coat painting of Dam top parapet wall with anchor block and foot path).	7,55,100/-	6,35,524/-	16P1/ 15-16	
17.	M/R to MED for the year 2015-16 (Repair and renovation of Model room and guest room at Helipad and rest room at Left flank of Main Earth Dam).	8,03,700/-	5,02,061/-	17P1/ 15-16	
18.	M/R to Dyke-III for the year 2015-16 (Repair and renovation of drain on right side on approach road to Dyke-III Top).	7,45,600/-	6,27,583/-	18P1/ 15-16	
19.	M/R to Conservancy Measures to 'P' Colony, Chitrakonda for the year 2015-16 (Renovation of drain starting from Quarter No. DR – 57 to Divisional Store ending).	11,29,700/-	12,08,037/-	19P1/ 15-16	
20.	M/R to MED for the year 2015-16 (Grouting to stone pitching of left flank approach road and repair of its below rain water catch drain).	9,92,700/-	9,72,501/-	20P1/ 15-16	
21.	M/R to Spillway of BDP for the year 2015-16 (Construction of masonry drain on the left side of road from Jagannath temple to Spillway colony at RD 191.70 mtr. To 344.70 mtr.).	6,05,100/-	6,47,685/-	21P1/ 15-16	
22.	M/R to Conservancy Measures to 'P' Colony, Chitrakonda for the year 2015-16 (Desilting of drain on back side of S/R type quarters, DR type quarters and TDR Quarter line and front side of DR, TDR, CA, C, B type quarter line and main road line at 'P' colony, Chitrakonda.	4,86,200/-	4,09,239/-	22P1/ 15-16	
23.	M/R to Non-Residential building at 'P' Colony, Chitrakonda for the year 2015-16(concrete ting to back side of rest shed and repair to compound wall).	4,17,600/-	3,51,475/-	23P1/ 15-16	

24.	M/R to MED for the year 2015-16 (Construction of compound wall around the AP tunnel Gate shaft of approach road).	15,57,800/-	1648274/-	24P1 15-16	
25.	M/R to Spillway of Balimela Dam Project for the year 2015-16 (Painting to Parapet wall and grouting to stone pitching of left flank of spillway).	1,81,100/-	1,52,553/-	25P1/ 15-16	
26.	M/R to Dyke-I of BDP for the year 2015-16 (Construction of left flank seepage drain and grouting to rough toe slope of both the flank).	4,82,600/-	4,06,193/-	26P1/ 15-16	
27.	M/R to Conservancy Measures for the year 2015-16 (Renovation of drain from Divisional Store for a length of 90 mtr).	4,08,900/-	3,44,137/-	27P1/ 15-16	
28.	M/R to Spillway for the year 2015-16 (Construction of B.T. road from Galary to approaching to spillway colony road for a length of 350 mtr.).	8,99,700/-	9,26,403/-	28P1/ 15-16	
29.	M/R to Non-Residential building at 'P' Colony, Chitrakonda for the year 2015-16 (Constriction of Portico and repair of drain adjacent to RB & WS Sub-Division office exit point).	4,73,600/-	3,98,671/-	29P1 15-16	
30.	M/R to MED for the year 2015-16 (Construction of C.C. road and RCC culvert at exit point of toe road of MED).	4,91,300/-	4,17,654/-	30P1/ 15-16	
31.	M/R to MED for the year 2015-16 (Construction of steps from toe road to top of dam of left flank, 3 nos. Causeway of approach road to Dam).	3,67,000/-	3,08,891/-	31P1/ 15-16	
32.	M/R to Gate shaft of BDP for the year 2015-16 (Repair and grouting to slope protection wall of left flank).	4,22,100/-	3,46,801/-	32P1/ 15-16	

33.	Providing Security arrangement for Balimela Dam Project for the period from April ' 2015 to October' 2015(A, B & C Shift) for MED, Spillway and Gate Shaft.	9,50,100/-	9,19,072/-	01F2/ 15-16	
34.	Providing Security arrangement to Motor Launch Section of Balimela Dam Project from April' 2015 to October' 2015 (A, B & C Shift).	3,00,000/-	2,90,530/-	02F2 15-16	
35.	M/R to Spillway for the year 2015-16 (Construction of concreting around security guard room at Spillway).	98,100/-	97,144/-	05F2/ 15-16	
36.	M/R to Spillway for the year 2015-16 (Construction of rain water catch drain at the back side of security guard room at spillway).	99,800/-	98,811/-	06F2/ 15-16	
37.	M/R to Non-Residential building at 'P' Colony, Chitrakonda for the year 2015-16 (Repair of Computer room and replacement of 3 nos. of door).	99,200/-	98,224/-	07F2/ 15-16	
38.	M/R to Spillway for the year 2015-16 (Fixing of tiles in security guard room at Spillway).	1,99,800/-	1,97,784/-	08F2/ 15-16	
39.	M/R to Spillway of B.D.P. for the year 2015-16 (Clearance of shrub jungle of Spillway and APDT).	9,900/-	9,851/-	01K2 15-16	
40.	Maintenance and Repair of Motor Launch of Balimela Dam Project for the year 2015-16.	10681000/-	10681000/-		
41.	Electricity Consumption of BDP	30,00,000/-	30,00,000/-		
42.	Purchase of Tools and Plants.	4,40,000/-	4,40,000/-		

INTRODUCTION ON SATIGUDA IRRIGATION PROJECT.

Satiguda Irrigation Project being a Medium Irrigation Project located at Malkangiri was taken over from the DNK authorities. The Project envisages to irrigate 9065 Ha in Khariff and 4535 Ha. Rabi. It comprise one earth Dam of 1707 Mtr. long, a right dyke 707 m, two Head regulator and one non-gated spillway . Left Main canal is 27.10 mtr and the Right Main Canal is 31.688 KM long. The Distribution system is inclusive of Distributaries, Minors and Sub-Minors. Beyond this, drinking water to Malkangiri town is also supplied from the Satiguda reservoir. Maintenance of the Dam, Dyke, Main Canals and Distribution system, Sub-Division office building, staff quarters and Inspection Bungalow is under the jurisdiction of the Sub-Divisional Officer, Satiguda Irrigation Sub-Division, Malkangiri.

AUGMENTATION TO SATIGUDA IRRIGATION PROJECT BY INTRA BASIN RIVER LINKING.

The project Augmentation to satiguda Irrigation project by Intra river Basin River linking has been approved in the 73 rd TAC meeting held on 28.11.2011. This project amounting to Rs. 102.50 crores comprises of construction of a dam and diversion weir in the adjoining of Dhurdhurgarh and Dharamagarh Nallaha and links them by a link channel of about 6 KM length,. This will provide Khariff Irrigation to the tune of 2000 Ha. The surplus water during the monsoon will be diverted to Satiguda Dam Reservoir through a diversion tunnel by which power can be generated to the tune of 11.889 MU by utilizing the head difference of 62 mtr. Such Augmentation will facilitate in extending Rabi ayacut coverage and in the process Stabilise the ayacut of Satiguda Irrigation Project.

SALIENT FEATURES OF SATIGUDA IRRIGATION PROJECT :
MALKANGIRI

Location

State	Orissa
District	Malkangiri
Latitude	18.21'42" o
Longitude	81.56 o

Hydrology

Catchment Area	129.50 Sq. Km.
Water Spread Area	11.47 Sq.km.
Mean Annual Rainfall	172.63 mm.

Important Reservoir Levels & Capacities.

Top Level of Dam	196.50 m.
Maximum Water Level	194.29 m.
Full Reservoir Level	192.63 m.

Dead storage Level	182.88 m.
Gross Storage	7490.00 Ham.
Live Storage	672.00 Ham.
Dead Storage	770.00 Ham.

Dam

Type	Earth Fill
Length	2707.00 m.
Maximum Height	24.80 m.
Top Width	6.00 m.
Free Board	1.61 m.

Spillway

Type	Masonry Overflow weir (Ogee type)
Crest Level	192.63 m.

Max.Depth of over flow	1.88 m.
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Length of Spillway	25.60 m.
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Dyke

Type	Earth fill
------	------------

Length	701.00 m.
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Irrigation

CCA	9,065 Ha.
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Khariff Irrigation	9065 Ha.
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Rabi Irrigation	4535 Ha.
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DETAILS OF WORK LIST OF 2015-16

Satiguda Irrigation Project (Scheme wise)

A. CRITICAL

SL. NO.	NAME OF THE WORK	ESTIMATED COST IN RS.	AGGREGATE VALUE IN RS.	AGT. NO. P1/F2/K 2	EXP. IN RS
1	2	3	4	7	8
1	Improvement of Koyaguda Minor of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (under Critical Lump Grant).	10,00,000/-	10,73,267/-	01P1/ 15-16	10,73,267/-
2	Improvement to M.V. 06 Minor off taking from Right Main Canal of S.I.P. , Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,72,267/-	02P1/ 15-16	10,72,267/-
3	Improvement to M.V. 07 Minor off taking from M.V. 05 Distributary of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	4,99,800/-	5,35,888/-	03P1 15-16	5,35,888/-
4	Improvement to M.V. 05 Distributary off taking from Right Main Canal of S.I.P., Malkangiri for the year 2015-16 (Under Critical Lump Grant).	9,99,900/-	10,73,200/-	04P1 15-16	10,73,200/-
5	Improvement to Mundaguda of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,73,249/-	05P1 15-16	10,73,249/-
6	Improvement to Tumsapalli Minor No. II off taking of Saradaguda Distributary of left main canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	9,70,300/-	10,43,316/-	06P1 15-16	10,43,316/-
7	Improvement to M.V. 08 Minor off taking of Goreiguda Distributary of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	9,99,300/-	10,71,502/-	07P1 15-16	10,71,502/-

8	Improvement to M.V. 02 Minor off taking of Malkangiri Distributary of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	9,99,900/-	10,73,204/-	08P1 15-16	10,73,204/-
9	Improvement to M.V. 10 Minor off taking of Goreiguda Distributary of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	5,00,000/-	5,36,189/-	09P1 15-16	5,36,189/-
10	Improvement to Gandhipalli Minor of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,75,286/-	10P1 15-16	10,75,286/-
11	Improvement to M.V. 22 Minor off taking of Saradaguda Distributary of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,71,782/-	11P1 15-16	10,71,782/-
12	Improvement to Tekaguda Minor of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,72,773/-	12P1 15-16	10,72,773/-
13	Improvement to Dutuliguda Sub-Minor No.I of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	5,00,000/-	5,36,153/-	13P1 15-16	5,36,153/-
14	Improvement to M.V. 32 Minor of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	9,99,900/-	10,72,118/-	14P1 15-16	10,72,118/-
15	Improvement to Ganguliguda Minor of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,72,416/-	15P1 15-16	10,72,416/-
16	Improvement to Biraguda Minor off taking of Goreiguda Distributary of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	5,00,000/-	5,36,624/-	16P1 15-16	5,36,624/-

17	Improvement to Tumsapalli Minor No.I off taking of Saradaguda Distributary of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	10,00,000/-	10,72,277/-	17P1 15-16	10,72,277/-
18	Improvement to Dutuliguda Sub-Minor No.II of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	5,00,000/-	5,36,387/-	18P1 15-16	5,36,387/-
19	Improvement to M.V. 04 Minor off taking from Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	14,95,500/-	12,58,704/-	19P1 15-16	12,58,704/-
20	Improvement to Mundiguda Sub Minor No.II off taking of Saradaguda Distributary of Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Under Critical Lump Grant).	5,00,000/-	5,35,149/-	20P1 15-16	5,35,149/-

DETAILS OF WORK LIST OF 2015-16

Satiguda Irrigation Project (Scheme wise)

B. M/R GRANT OF S.I.P

SL. NO.	NAME OF THE WORK	ESTIMATED COST IN RS.	AGGREEMENT VALUE IN RS.	AGT. NO. P1/F2/K 2	EXP. IN RS
1	2	3	4	7	8
1	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Clearance of water and weeds from RD 0.020 KM to 4.250 KM)	1,90,900/-	1,89,047/-	01F2 15-16	1,89,047/-
2	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting of Goreiguda Distributary from RD 0.860 KM to 3.410 KM)	1,97,800/-	1,95,875/-	02F2 15-16	1,95,875/-
3	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 22.270 KM to 24.650 KM)	1,00,000/-	99,010/-	03F2 15-16	99,010/-

4	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Clearing of water hyacinth and weeds from RD 6.20 KM to 13.090 KM)	1,97,200/-	1,95,289/-	04F2 15-16	1,95,289/-
5	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting from RD 20.050 KM to 22.920 KM)	1,99,900/-	1,97,890/-	05F2 15-16	1,97,890/-
6	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 18.300 KM to 22.200 KM)	2,00,000/-	1,98,020/-	06F2 15-16	1,98,020/-
7	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 14.390 KM to 18.280 KM)	2,00,000/-	1,98,019/-	07F2 15-16	1,98,019/-
8	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 6.210 KM to 7.970 KM)	2,00,000/-	1,98,020/-	08F2 15-16	1,98,020/-
9	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 8.00 KM to 11.170 KM)	2,00,000/-	1,98,020/-	09F2 15-16	1,98,020/-
10	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Clearance from water hyacinth and weeds from RD 15.75 KM to 20.00 KM)	1,99,100/-	1,97,158/-	10F2 15-16	1,97,158/-
11	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 11.200 KM to 14.350 KM)	2,00,000/-	1,98,020/-	11F2 15-16	1,98,020/-
12	M/R to Left Main Canal Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Construction of Guard Wall and removing of desilting work of Kumbharguda Minor from RD 0.116 KM to 0.144 KM).	1,00,000/-	99,010/-	22F2 15-16	99,010/-
13	M/R to Left Main Canal Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Construction of Guard Wall and removing of desilting work of Kumbharguda Minor from RD 0.030 KM to 0.058 KM).	1,00,000/-	99,010/-	23F2 15-16	99,010/-

14	M/R to Residential building of Satiguda Irrigation Sub-Division, Malkangiri for the year 2015-16 (Repair of Quarter No. GC-291, GC-292, GC-294, GC-297, GC-298 with fixing door, window and roofing materials at Reclamation Colony)	2,00,000/-	1,98,048/-	24F2 15-16	1,98,048/-
15	M/R to Left Main canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting , raising and strengthening of canal from RD 24.650 KM to 26.00 KM)	1,00,000/-	99,010/-	25F2 15-16	99,010/-
16	M/R to Left Main canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting , raising and strengthening of canal from RD 0.030 KM to 6.020 KM)	75,000/-	74,258/-	26F2 15-16	74,258/-
17	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance, bank filling and guard wall of Siadimal Minor)	2,00,000/-	1,98,006/-	01K2 15-16	1,98,006/-
18	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting of canal bed from RD 4.290 KM to 6.020 KM)	2,92,100/-	2,89,209/-	02K2 15-16	2,89,209/-
19	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Clearance of silt water hyacinth and weeds from RD 23.00 KM to 29.00 KM)	2,99,900/-	2,96,961/-	03K2 15-16	2,96,961/-
20	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting, raising and strengthening of canal of Mundaguda Minor from RD 0.50 KM to 4.00 KM)	1,00,000/-	99,027/-	04K2 15-16	99,027/-
21	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting, raising and strengthening of canal of Goreiguda Minor No. I from RD 0.00 KM to 1.190 KM and Goreiguda Minor –II from RD 00 to 2.52 KM and M.V.09 Minor 00 to 1.38 KM and piping at RD 0.570 KM of Goreiguda Distributary, desilting, raising and strengthening of canal embankment at RD 0.150 KM to 1.50 KM of Goudaguda Minor)	1,99,700/-	1,97,729/-	05K2 15-16	1,97,729/-

22	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance and construction of guard wall of M.V. 43 Minor)	2,00,000/-	1,98,018/-	06K2 15-16	1,98,018/-
23	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting, raising and strengthening of Kenduguda Minor from RD 0.00 KM to 1.30 KM, Batapalli Minor – from RD 00 to 1.50 KM and 2 nos. piping at RD 0.260 KM and 0.450 KM and bank raising and strengthening of Main canal at RD 0.150 KM to 0.200 KM)	1,99,500/-	1,97,534/-	07K2 15-16	1,97,534/-
24	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance Silt, water hyacinth and weeds from RD 13.100 KM to 15.650 KM)	2,00,000/-	1,98,024/-	08K2 15-16	1,98,024/-
25	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Construction of slope protection work from RD 0.550 KM to 0.642 KM of Mahadev Tirth distributary)	3,00,000/-	2,97,015/-	09K2 15-16	2,97,015/-
26	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Treatment of piping at RD 8.420 KM)	9,200/-	9,064/-	10K2 15-16	9,064/-
27	M/R to M.V. 4 Minor of Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Breach closing at RD 0.790 KM to 0.795 KM)	10,000/-	9,899/-	11K2 15-16	9,899/-
28	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting, raising and strengthening of canal from RD 0.00 to 1.30 KM of Tandapalli Minor)	1,13,900/-	1,12,806/-	12K2 15-16	1,12,806/-
29	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting , raising and strengthening of canal of RMC from RD 29.00 KM to 30.00 KM)	1,99,800/-	1,97,846/-	13K2 15-16	1,97,846/-

30	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting , raising and strengthening of M.V.42 Minor from RD 00.00 KM to 1.86 KM)	49,800/-	49,297/-	14K2 15-16	49,297/-
31	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Desilting , raising and strengthening of canal of RMC from RD 30.100 KM to 31.688 KM)	1,86,300/-	1,84,451/-	15K2 15-16	1,84,451/-
32	M/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Repairing of bed and bank near CD at RD 4.020 KM of Saradaguda Distributary)	9,700/-	9,647/-	16K2 15-16	9,647/-
33	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Breach closing at RD 0.625 KM and RD 0.640 KM on Left Bank of Saradaguda Distributary)	9,600/-	9,532/-	17K2 15-16	9,532/-
34	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 0.300 KM to RD 2.630 KM)	2,17,300/-	2,15,177/-	18K2 15-16	2,15,177/-
35	M/R to Left Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Silt Clearance from RD 2.720 KM to RD 6.050 KM)	2,44,600/-	2,42,164/-	19K2 15-16	2,42,164/-
36	M/R to Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Construction of Guard Wall and removing of desilting work of Kumbharguda Minor from RD 0.088 KM to 0.116 KM).	1,00,000/-	99,010/-	20F2 15-16	99,010/-
37	M/R to Left Main Canal Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Construction of Guard Wall and removing of desilting work of Kumbharguda Minor from RD 0.059 KM to 0.087 KM).	1,00,000/-	99,010/-	21F2 15-16	99,010/-

DETAILS OF WORK LIST OF 2015-16**Satiguda Irrigation Project (Scheme wise)****C. M/R TO RESIDENTIAL BUILDING OF S.I.P**

SL. NO.	NAME OF THE WORK	ESTIMATED COST IN RS.	AGGREGATE VALUE IN RS.	AGT. NO. P1/F2/K 2	EXP. IN RS
1	2	3	4	7	8
1	M/R to Non-Residential building of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Repair and Renovation of Sub-Division office building and compound wall).	99,800/-	98,845/-	14F2 15-16	98,845/-
2	M/R to Residential building of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Repair of Quarter No. G-03, G-08, G-09 of Canal colony, Malkangiri)	1,99,600/-	1,97,626/-	16F2 15-16	1,97,626/-
3	M/R to Residential building of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Renovation of B Type Quarter and repair of compound wall)	99,600/-	98,641/-	18F2 15-16	98,641/-

DETAILS OF WORK LIST OF 2015-16**Satiguda Irrigation Project (Scheme wise)****D. SPECIAL REPAIR GRANT OF S.I.P.**

SL. NO.	NAME OF THE WORK	ESTIMATED COST IN RS.	AGGREGATE VALUE IN RS.	AGT. NO. P1/F2/K 2	EXP. IN RS
1	2	3	4	7	8
1	S/R to Right Main Canal of Satiguda Irrigation Project, Malkangiri for the year 2015-16 (Repair of CD work, fall, removing and repacking and construction of slope protection work within RD 1.730 KM to 2.330 KM of Malkangiri Distributary).	20,00,000/-	16,83,371/-	21P1 15-16	16,83,371/-

IV. Length of Main Canal

Right Main Canal = 31.688 KM

Left Main Canal = 27.100 KM

V. Minors and Sub-Minors

No. of Minors and Sub-minors : 51 Nos.

Total Length. : 143.415 Km.

VI. Jurisdiction.

Satiguda Canal system comprises of two main canals such as Right Main Canal and Left Main Canal having six distributaries for Right Main Canal and one distributary for Left Main Canal respectively. Total length of Right Main Canal and Left Main Canal is 31.688 Ha. & 27.10 Ha. Respectively. Total length of Distributaries is 36.63 KM. The length of Minors and Sub-Minors is 143.415 KM.

**SATIGUDA IRRIGATION PROJECT, MALKANGIRI, KHARIFF (JOINT
VERIFICATION) AYACUT AREA FOR THE YEAR 2016.**

ABSTRACT.

Sl.No.	Name of the Village	Name of the Tahasil	Total HA	Remarks
1	Buduguda	Malkangiri	323.465	
2	Kilipari	Malkangiri	49.235	
3	Korukonda	Malkangiri	775.910	
4	Kumbharguda	Malkangiri	77.460	
5	Nuaguda	Malkangiri	35.431	
6	Saradaguda	Malkangiri	469.541	
7	Tumusapalli	Malkangiri	155.383	
8	Bailapari	Malkangiri	560.882	
9	Ramaguda	Malkangiri	157.378	
10	Batapalli	Malkangiri	135.635	
11	Himansupalli (MV-111)	Malkangiri	4.323	
12	Daniguda	Malkangiri	322.021	
13	Nilimari	Malkangiri	446.638	
14	Munuskonda	Malkangiri	60.120	
15	Goudaguda	Malkangiri	259.304	
16	Talaguda	Malkangiri	25.182	
17	Nuaguda	Malkangiri	39.214	
18	Siadimal	Malkangiri	477.521	
19	Bankiguda	Malkangiri	160.186	
20	Challanguda	Malkangiri	8.308	
21	Goreiguda	Malkangiri	497.933	
22	Gandhipalli	Malkangiri	73.575	
23	Jayanagar (M.V. 42)	Malkangiri	59.597	
24	Basantapur (M.V. 43)	Malkangiri	130.354	
25	Charkiguda	Malkangiri	36.050	
26	Malkangiri	Malkangiri	949.474	
27	Madhapur	Malkangiri	86.258	
28.	Potrel	Chitrakonda	45.348	
29.	Kambeda	Chitrakonda	321.514	
	Total		6533.015	

**SATIGUDA IRRIGATION PROJECT, MALKANGIRI, RABI
(JOINT VERIFICATION) AYACUT AREA FOR THE YEAR 2016.**

ABSTRACT.

Sl.No.	Name of the Village	Name of the Tahasil	Total HA	Remarks
1	Talaguda	Malkangiri	23.838	
2	Munishkonda	Malkangiri	8.128	
3	Himansupalli (MV-111)	Malkangiri	4.465	
4	Batapalli	Malkangiri	88.371	
5	Daniguda	Malkangiri	81.861	
6	Nuaguda (KKD)	Malkangiri	40.412	
7	Kumbarguda	Malkangiri	47.943	
8	Saradaguda	Malkangiri	268.371	
9	Buduguda	Malkangiri	228.166	
10	korukonda	Malkangiri	401.857	
11	Tumusapalli	Malkangiri	56.928	
12	Boilapari	Malkangiri	251.805	
13	Ramaguda MV-6	Malkangiri	99.445	
14	Malkangiri	Malkangiri	147.717	
15	Goreguda	Malkangiri	7.145	
16	Goudaguda	Malkangiri	182.381	
17	Gondiaguda	Malkangiri	374.754	
18	Koilipari	Malkangiri	46.176	
19	Siadimala	Malkangiri	21.892	
20	Nuaguda (KKD)	Malkangiri	38.3	
21	Charkiguda.	Malkangiri	24.642	
22	Basantpur MV-43	Malkangiri	9.889	
23	Nilimari	Malkangiri	161.271	
24	Potrel	Chitrakonda	31.542	
25	Kamwada	Chitrakonda	29.708	
	Rabi		2677.017	

DETAILS OF PANIPANCHAYATS UNDER SATIGUDA IRRIGATION PROJECT MALKANGIRI

I. Pani Panchayats

Total Nos of Pani Panchayats : 36 Nos.

Sl. No.	Name of P.P and Number	Ayacut Area in Ha.	No. of Members (Beneficiary)
1	2	3	4
1	Maa Basanti P.P. SAT KEN-01	231.113	218
2	Maa Kali P.P. SAT-NIL-02	247.472	246
3	Maa Mangala PP, SAT- GOR-03	308.149	156
4	Maa Durga PP, SAT MV-8 – 04.	309.275	286
5	Netajee PP, SAT-BIR-05	252.318	186
6	Satya Hari PP, SAT-GOU-06.	200.109	134
7	Maa Bhairavi PP SAT-MAL-07	431.262	363
8	Shiva Sakti PP SAT-M43-08.	297.085	308
9	Mahadev PP, SAT- MAH-09	243.153	246
10	Maa Mauli PP, SAT-MUN-10.	374.861	394
11	Gandhipalli PP SAT-GAN-11	236.666	136.00
12	Mamu Bhanaja PP, SAT-MV4-12	466.986	354.00
13	Malyabanta PP, SAT, SIA-13	342.18	250
14	Jaya Sanyasi Baba PP, SAT-MV6-14.	338.982	175

15	Jaya Maa Kali PP, SAT-MV5-15.	287.248	179
16	Jaya Laxmi PP, SAT-MV7-16.	85.836	67
17	Jaya Maa Tara PP, SAT-TAN-17.	86.32	50
18	Radha Krushna PP SAT-SAK-18.	253.466	177
19	Sanjukta PP-SAT-M13-19.	88.609	133
20	Jaya Jagannath PP-SAT-TAI -20.	170.466	108
21	Nilagagan PP, SAT—LMC-21.	142.944	104
22	Sri Maa Mauli PP- SAT-LMC-21.	123.259	110
23	Laxmi Narayan PP, SAT-LMC-23.	49.278	59
24	Siva Parvati PP SAT-SAR-24.	188.868	157
25	Maa Annapurna PP-SAT-NIL-25.	273.846	192
26	Pancu Pandula PP, SAT-PAT-26	256.206	210
27	Sri Jagannath PP, SAT-BOI-27	390.628	200
28	Jai Maa Ganga PP, SAT MV22-28	276.275	200
29	Maa Santoshee PP, SAT-TUM-29.	255.725	81
30	Jaya Bajaranganbali PP, SAT-KUM-30.	223.297	138
31	Jay Maa Tarini PP, SAT-SHI-31.	537.011	448
32	Rama Krushna PP, SAT-M32-32	389.395	360
33	Pratapnagar PP, SAT-KOY-33.	186.922	128
34	Sakalelswar PP, SAT-DUT-34	197.628	69
35	Maa Kameswari PP, SAT-MV-30-36	219.859	116
36	Trisakti Maitri PP, SAT-MV30-36.	258.86	180

REPORT OF DAM SAFETY REVIEW PANEL DSRP

Dam Safety Review Panel headed by Sri A.D.Mohile have visited the Satiguda Irrigation project and Balimela Dam Project on 15.05.2014 and 16.05.2014 respectively and made their observations on both of the project.

As per instruction of the Project Director (SPMU) Dam Safety, Bhubaneswar officers of this Division were deputed for preparation of the Project Template pertaining of Balimela Dam project and Satiguda Irrigation project.

Accordingly estimate prepared , tender invited and Agreement drawn for the following works as detailed below for the year 2015-16. The works are under progress.

STATUS OF DRIP WORKS IN SATIGUDA IRRIGATION PROJECT.

The P.S.T. for Satiguda Irrigation Project was approved for Rs. 351.00 Lakhs. A revised P.S.T. of Rs. 272.00 Lakhs was submitted against the approved P.S.T. of Rs. 351.00 lakhs. The item " Re-sectioning and re-grading of the Dam with removal of debris from the reservoir area and removal of loosened rock mass " has been excluded as the same can not be executed during 2015-16 since the reservoir is full of water as the closing date for drawal of Agt. Was fixed as 31.12.2015 by the world Bank as per letter No.1695, dtd.14.08.2015 of Chief Engineer, Dam Safety, Odisha, Bhubaneswar communicated vide memo No. L.O. P.I.P 114, dtd-20.08.2015 of Chief Construction engineer, Potteru irrigation Project, Balimela The provision of solar light has been excluded as there are existing electrical poles. Further procurement of items like rain gauge and 'V' Notch have been excluded as the same will be procured under M/R Grant.

Accordingly estimates prepared, tender invited and agreements have been drawn for the following works for the year 2015-16 as detailed below. The works are under progress.

DETAILS OF WORK LIST OF 2015-16 FOR DRIP WORKS

Balimela Dam Project & Satiguda Irrigation Project.

SL. NO.	NAME OF THE WORK	ESTIMATED COST IN RS.	AGGREEMENT VALUE IN RS.	AGT. NO. P1/F2/K2
1	2	3	4	7
1	Improvement to approach road, renovation of longitudinal drain and cross drains of Main Earth Dam, Dyke-I, II & III of Balimela Dam Project under Dam Rehabilitation and Improvement Project (DRIP) for the year 2015-16.	2,24,36,800/-	2,46,26,498/-	03F2/NC B 15-16
2	Renovation of Helipad Garden on the Right Flank of MED of Balimela Dam Project under Dam Rehabilitation and Improvement Project (DRIP) for the year 2015-16. (Improvement to Eco – Tourism)	36,83,000/-	39,84,287/-	04F2/NC B 15-16
3	Improvement to service road to Dam site, construction of new culvert, raising of parapet wall and barbed wire fencing of SIP, Malkangiri under Dam Rehabilitation & Improvement Project (DRIP) for the year 2015-16.	1,12,32,000/-	1,10,08,110/-	12F2/ NCB 15-16
4	Repair and renovation of stilling basin, toe drain, resectioning of Dyke and construction of protection wall near city water tank of Satiguda Irrigation Project under Dam Rehabilitation & Improvement Project (DRIP) for the year 2015-16.	86,48,900/-	89,73,836/-	13F2/ NCB 15-16
5	Leakage Control through body wall of Spillway by drilling, grouting including cleaning of porous holes of foundation under Dam Rehabilitation & Improvement Project (DRIP) of Satiguda Irrigation Project for the year 2015-16.	69,68,600/-	75,00,866/-	15F2/ NCB 15-16

QUALITY CONTROL ASPECTS AND MEASURES

Quality Control test for the works having Agreement value more than 10.00 Lakhs executed under different grants of Balimela Dam (Joint) Project and Satiguda Irrigation Project during the year 2015-16 have been conducted at Journal Laboratory, Sunabeda and test reports to that effect are being obtained. Further Quality Control equipments for testing of concrete and grading test of materials have been procured during March 2016 as per the requirement of the field works.

World Bank Team as well as the Director State Project Monitoring Unit (SPMU), Dam Safety Complex , Secha Sadan, Odisha, Bhubaneswar have inspected the works executed under Balimela Dam (Jt.) Project and Satiguda Irrigation Project during the year 2015-16.

COURT CASES.

CASES PENDING IN HON'BLE HIGH COURT, ODISHA CUTTACK					
Sl. No.	Case No.	Name of the Petitioner	Claim of the petitioner	Present position of the case	Remarks
1	2	3	4	5	6
1	O.A.No. 1785/2000	Sri P.K.Muni	Claim of arrear dues for the period from 22.7.74 to 28.7.76	Records not traceable being the old case at about 40 years back.	
2	OA No. 3422 (c) /2003 and MP No. 136 (c) /2007	Sri Dinabandhu Sethi	Re-engagement of service	Filed the counter before the Hon'ble OAT , Cuttack on 19.01.2015	
3	OA Case No. 2412/2005	Sri Govinda Mohanty	Claiming for illegal retrenchment	PWC submitted to EIC, WR, Orissa, BBSR vide this office Lr.No. 1099(WE) dtd. 8.6.2007 for approval. It was requested vide letter No. 8657 dtd. 29.9.2007 of EIC, WR, BBSR to depute a responsible officer with relevant records for finalization of PWC records for finalization of PWC. Sri B.D.Sethi concerned Dealing Asst. attended the office of EIC on 3.10.2007 , but	

				could not comply the observations made by the O/o EIC. Again Sri Sethi, D.A. met with the concerned staff of EIC with relevant records and the matter was discussed so as to finalize the PWC., but no fruitful result has been arrived. The matter has been reported to the CCE,PIP vide This office Lr.No. 405/WE dtd. 28.02.2011.	
4	O.A.Case No. 507/09	Senapati Harijan	Challenging the retrenchment and continuing his stay order	Writ petition filed before Hon'ble High Court challenging order No. 15.11.2011 of Hon'ble OAT, BBSR.	
5	OA No. 210/2009	Rama Ch. Khemudu	For regularisation of service and pension	Counter fileld on 7.11.2009	
6	O.A.Case No. 507/09	Sri Senapati Harijan	Challenging the retrenchment and continuing	Writ petition filed before Hon'ble High Court challenging	

			his stay order	order No. 15.11.2011 of Hon'ble OAT, BBSR	
7	OA No. 208/2009	Pankaj Ku. Mohapatra	For regularisation of service and pension	Counter fileld on 7.11.2009	
8	OA No. 103/2010	D.Amasama	For regularisation of service and pension	Counter fileld on 11.3.2011	
9	OA No. 278/2010	Sk Farid	For regularisation of service and pension	PWC submitted to Addl.Secy to Govt. DOWR in the CCE, PIP , Bml Lr.No.3100 dt. 26.5.2012. Govt. in DOWR has been requested for approval of PWC vide EIC WR Lr.No. 8391 dtd. 22.7.2013. Approval is awaited.	
10	OA No.329 © /94/WP (c) 20072/2011	Bijan Kumar Maity	Non-payment of gratuity as the same has been held up due to non submission of the NDC.	Now pending at High Court	
11	OA No. 598/2008, WP © 29329/2011	Krutibash Sahoo	Regularisation of his service and claim the pension.	Show cause reply filed against C.P.(c) No. 135/2011 arisingn out of OA No.	

				598/2008	
12	OA No. 3623 © 2012	Prasant Ku. Jena	For continuation of Service	Stay obtained not to terminate from service vide Order No.03 dt. 1.11.2012	
13	OA No. 3624 © 2012	Dillip Kumar Das	For continuation of Service	Stay obtained not to terminate from service vide Order No.03 dt. 1.11.2012	
14	OA No. 3625 © 2012	Bedesi Gouda	For continuation of Service	Stay obtained not to terminate from service vide Order No.03 dt. 1.11.2012	
15	OA No. 3626 © 2012	G.Srinu	For continuation of Service	Stay obtained not to terminate from service vide Order No.03 dt. 1.11.2012	
16	OA No. 1437/13	Sanjeeb Kumar Acharya	Claim of gratuity and other service benefit	Service Book awaited from PD, DRDA, Balangir and Bargarh	
17	OA No. 2796/2014 MP No. 47/2015	K.Ravana Appa Rao	Regularisation of service	Filed counter on dt. 25.4.2015 on OA case No.2796/2014 and MP No.47/2015.	
18	OA No.1826/2014	Smt Maya Patra, W/o Late R.N.Patra	Claim for revised pay fixation financial	Counter filed before the Hon'ble OAT.	

			benefit and pension of her husband		
19	OA No.2073©/2014	Rajendra Kuladip	Drawl of Stepping of pay and not to recovery the dues	The original case belongs to Lower Indra and Lower Suktal Project, P.W.C. to be filed by LI & LS Project, Nuapada	
20	OA No. 3762/2014	Rama Ch. Alang and others	For appointment of service in regular establish-ment	Counter filed before the Hon'ble OAT.	
21	OA No.2330(c)/2015	Hiralal Sethi	To set aside the recovery due to losses and defalcation for amounting of Rs.	PWC approved by Govt. and submitted to OAT, Cuttack.	
22	OJC No.10027 arising out of OA Case No. 919/97	M.Simanchalam	To Absorb in regular service and to pay pension	Date chart filed by way of an affidavit and the same has been intimated vide this office Lr.No. 1116/WE dtd. 9.7.2015.	
23	OJC No.10033/2001 arising out of OA Case No. 920/97	G.Sambosiva Rao	To Absorb in regular service and to pay pension	Date chart filed by way of an affidavit and the same has been intimated vide this office Lr.No. 1113/WE dtd.	

				9.7.2015.	
24	WP (c) 202/2009 arising out of ID Misc. Case No. 70/2014.	Sri Niranjana Lenka	For back wages and arrear dues	Writ appeal No.202/2009 filed in OA,Cuttack.	
25	WP (c) 33311/2011	G.Vijayalaxmi	She is claiming for 8 Lakhs compensation and allotting a land (plot) and providing free education of her child.	Case disposed on 12.02.2015 expecting the P.S. to Govt. WR(O) to take positive view in the matter. Govt. allotted by her name 2 Lakhs from C.M.fund.	
26	WP (C) No.23098/2014 arising out of OA Case No. 844/2002	Kumari Swain	Appointment in Regular Establishment and Pension.	Filed writ before the Hon'ble High Court, against the order dated 19.09.2011, affidavit filed on 2.12.2014.	
27	WP (C) No.2540/2015 arising out of OA Case No. 538/2002	Mukta Golari	Appointment in Regular Establishment and Pension.	Filed writ before the Hon'ble High Court, against the order dated 15.09.2011 of Hon'ble OAT, BBSR.	
28	WP 181117/2010	Pitambar Parida	Regularisation of service	Approved PWC from Govt. level is awaited from DOWR	

29	CDI Case No. 01/2005	K.K.Padhy	Proceeding against Sri K.K.Padhy, Ex- EE	Departmental Proceeding has been received by Sri K.K.Padhy, Ex- EE,EDD,Ckd on 22.02.2016 the same has been intimated to higher authorities.	
30	CC No. 29 of 2015	Rohit Mandal	Maintenance of road from Kota- Malkangiri road to the village Talaguda	PWC filed before the court on 27.04.2015.	

**EXECUTIVE ENGINEER,
EARTH DAM DIVISION,
CHITRAKONDA.**