

Final Memorandum on Drought 2015

Due to erratic and deficient rainfall during the South-West Monsoon-2015, the State of Odisha is faced with a severe drought situation. Based on quick assessment, an Interim Memorandum seeking Central Assistance of Rs.1687.56 crore was submitted to the Government of India on 23.11.2015. Further, an additional Memorandum was submitted on 02.12.2015 seeking an additional Central Assistance of Rs.511.507 crore. The consolidated requirement of fund that was requested to be sanctioned by the Government of India comes to Rs.2199.066 crore.

In the meantime, the crop loss assessment of major crops raised during Kharif-2015 conducted through crop cutting experiment under the provisions of Odisha Relief Code has been completed. Based on such final report of crop loss and assessment of the situation, this Final Memorandum on Drought 2015 is prepared and submitted to the Government of India.

Rainfall:

In addition to erratic and deficient rainfall during the South-West Monsoon-2015, the dry spell continued in subsequent months. The actual state average rainfall during the months from June to November, 2015 vis-à-vis the long term average rainfall for the said months is indicated below:

Month	Actual State Average Rainfall (MM.)	Long Term Average Rainfall (MM.)	Deviation (%)
<i>June</i>	<i>234.6</i>	<i>216.5</i>	<i>+8.4</i>
<i>July</i>	<i>308.4</i>	<i>339.9</i>	<i>-9.3</i>
<i>August</i>	<i>266.5</i>	<i>356.0</i>	<i>-25.1</i>
<i>September</i>	<i>221.5</i>	<i>231.9</i>	<i>-4.5</i>
<i>October</i>	<i>25.3</i>	<i>114.7</i>	<i>-77.9</i>
<i>November</i>	<i>6.1</i>	<i>31.5</i>	<i>-80.7</i>

*District-wise details are given under **Appendix-I**.*

Extent of Damage:

As per the final report of crop loss derived through crop cutting experiments conducted under the provisions of Odisha Relief Code, crop area of 1535902 ha. in 29176 villages of 3832 Gram Panchayats under 235 Blocks in 28 Districts and 412 Wards under 55 Urban Local Bodies have suffered damage to the extent of 33% and above. The district wise details of the administrative units affected as well as crop loss are given below:

Sl.	Name of the District	Blocks affected (Nos.)	GPs affected (Nos.)	Villages affected (Nos.)	ULB affected (Nos.)	Wards affected	Area under crop loss to the extent 33% and above. (in hectare)
1	2	3	4	5	6	7	9
1	Angul	8	202	1645	2	15	51243
2	Balasore	5	62	260	2	12	8402
3	Bargarh	12	181	943	1	11	145246
4	Bhadrak	1	2	2	0	0	133
5	Bolangir	14	284	1765	5	60	124792
6	Boudh	3	63	1167	1	2	47899
7	Cuttack	7	149	800	2	11	72554
8	Deogarh	3	60	673	1	10	19239
9	Dhenkanal	8	159	623	2	23	8492
10	Gajapati	7	129	1399	2	24	18060
11	Ganjam	16	144	664	3	5	15247
12	Jajpur	9	148	730	1	10	44516
13	Jharsuguda	5	78	323	3	8	48560
14	Kalahandi	12	231	1669	4	8	71154
15	Kandhamal	11	127	1885	3	18	15088
16	Kendrapara	1	7	13	0	0	4242
17	Keonjhar	12	232	1547	4	24	112944
18	Khordha	6	104	919	1	6	62983
19	Koraput	4	59	285	0	0	7872
20	Mayurbhanj	26	356	3455	3	28	192074
21	Nawarangpur	10	169	859	1	6	33406
22	Nayagarh	8	174	1471	3	44	88922

23	Nuapara	5	106	606	3	28	80207
24	Puri	1	20	114	0	0	2465
25	Rayagada	11	142	2134	1	9	61909
26	Sambalpur	9	128	1104	3	31	85921
27	Subarnapur	4	60	637	2	10	40761
28	Sundargarh	17	256	1484	2	9	71571
Total		235	3832	29176	55	412	1535902

The information on extent of damage as per prescribed format is given under **Appendix-II.**

REQUIREMENT OF FUNDS FROM GOVERNMENT OF INDIA

Taking the revised requirement of fund towards Agriculture Input Subsidy, the total requirement of fund is revised as under-

Sl.	Sector	Purpose	Amount (Rs. in crore)
1	Agriculture	Agriculture input subsidy (Details at Appendix-III & IV)	1062.47
2	Cooperation	Conversion of crop loans advanced during Kharif-2015 (Details at Appendix-V)	912.66
3	Water Resources	Revival of Minor Irrigation Projects (Lift & Flow) (Details at Appendix-VI)	52.49
4	Animal Resources	Provision of Fodder/feed concentrate including water supply and medicines in cattle camps	72.00
		Strengthening of fodder resources (Details at Appendix-VII-A)	13.92
5	Food Assistance	Gratuitous Relief (Details at Appendix-VII-B)	206.67
6	Water Supply	Emergency Drinking Water Supply (Details at Appendix-VIII)	24.78
Grand Total			2344.99

Status of State Disaster Response Fund (2015-16)

The State Disaster Response Fund has been constituted with the sharing of Central and State Government as per the recommendations of the 14th Finance Commission. The corpus of the State Disaster Response Fund pertaining to the State of Odisha for the year 2015-16 is Rs.747.00 crore. The details of which are given below.

State share	:	Rs.186.75 crore
Central Share	:	Rs.560.25 crore
Total	:	Rs.747.00 crore

Out of above, Rs.573.749 crore has been spent till 12.01.2016 for different calamity mitigation measures as per Items and Norms of assistance from SDRF & NDRF. The balance as on date in the fund is Rs.196.669 crore. The details are given under **Appendix-IX**.

Conclusion

*This Final Memorandum seeks a consolidated Central Assistance of **Rs.2344.99 crore** under different heads to tide over the Drought situation arisen in the State of Odisha. The State Government requests for early sanction and release of the said fund.*

Appendix – I

District-wise Rainfall during June to November 2015

Sl. No.	DISTRICT	JUNE			JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER		
		Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.	Actual	Normal	% of Dev.
1	Angul	218.9	225.1	-2.8	343.3	347.7	-1.3	224.6	357.5	-37.2	142.2	217.5	-34.6	16.4	86.3	-81.0	0.2	20.4	-98.9
2	Balasore	243.8	221.5	10.0	460.7	308.6	49.3	204.0	332.1	-38.6	153.2	267.6	-42.8	28.8	170.5	-83.1	0.5	34.6	-98.6
3	Bargarh	255.7	205.6	24.4	259.6	397.2	-34.6	274.4	374.4	-26.7	119.5	222.6	-46.3	0.8	52.8	-98.4	0.0	10.4	-100.0
4	Bhadrak	140.6	198.2	-29.1	459.4	293.6	56.5	186.9	311.7	-40.0	97.1	216.8	-55.2	37.6	145.3	-74.1	1.8	37.3	-95.1
5	Bolangir	219.6	202.8	8.3	249.4	360.5	-30.8	237.6	333.6	-28.8	204.7	237.4	-13.8	4.5	68.4	-93.4	0.0	7.2	-100.0
6	Boudh	287.8	233.8	23.1	267.3	418.5	-36.1	274.5	488.8	-43.8	152.6	244.8	-37.7	1.1	90.5	-98.8	0.0	21.1	-100.0
7	Cuttack	195.8	210.0	-6.8	329.3	308.3	6.8	290.3	339.1	-14.4	207.8	229.2	-9.3	41.5	125.6	-66.9	5.2	45.0	-88.5
8	Deogarh	281.9	242.4	16.3	503.9	447.7	12.6	283.8	443.4	-36.0	188.9	228.2	-17.2	12.7	84.4	-85.0	0.0	8.0	-100.0
9	Dhenkanal	157.4	225.7	-30.3	327.0	317.9	2.9	209.3	344.8	-39.3	124.8	220.6	-43.4	32.2	104.4	-69.2	0.0	36.2	-100.0
10	Gajapati	277.6	199.7	39.0	137.9	230.6	-40.2	211.8	253.6	-16.5	233.9	237.9	-1.7	57.2	168.6	-66.1	21.1	61.8	-65.9
11	Ganjam	253.6	168.3	50.7	182.0	220.8	-17.6	188.0	246.8	-23.8	300.4	216.3	38.9	37.2	177.7	-79.0	32.3	71.1	-54.5
12	Jagatsinghpur	78.9	202.3	-61.0	373.1	277.3	34.6	306.8	379.1	-19.1	167.0	241.4	-30.8	77.6	151.1	-48.6	1.8	80.4	-97.8
13	Jajpur	186.6	238.5	-21.8	495.5	350.9	41.2	182.4	341.2	-46.5	146.6	238.0	-38.4	30.1	140.2	-78.5	0.2	41.0	-99.5
14	Jharsuguda	199.1	218.8	-9.0	480.9	385.8	24.7	441.9	382.9	15.4	271.8	210.7	29.0	7.0	54.9	-87.2	0.0	7.7	-100.0
15	Kalahandi	300.0	240.4	24.8	264.8	327.7	-19.2	286.2	355.4	-19.5	364.5	204.6	78.1	3.0	74.0	-95.9	1.1	10.9	-90.1

16	Kandhamal	207.4	207.9	-0.3	176.0	325.1	-45.9	233.2	330.8	-29.5	245.5	239.1	2.7	2.0	117.7	-98.3	2.0	31.0	-93.5
17	Kendrapara	121.0	208.3	-41.9	431.3	317.1	36.0	247.9	333.3	-25.6	123.3	237.3	-48.0	87.7	183.7	-52.3	19.2	67.2	-71.4
18	Keonjhar	197.6	241.4	-18.2	319.2	318.0	0.4	167.3	343.6	-51.3	114.3	241.1	-52.6	27.1	101.3	-73.2	0.2	20.5	-99.2
19	Khordha	135.2	196.2	-31.1	225.1	304.9	-26.2	252.2	320.6	-21.3	198.9	234.5	-15.2	43.3	149.3	-71.0	4.8	50.4	-90.5
20	Koraput	336.1	206.8	62.5	122.9	375.6	-67.3	335.0	393.6	-14.9	530.1	256.3	106.8	27.7	126.1	-78.0	12.3	32.6	-62.1
21	Malkanagiri	591.6	212.2	178.8	196.6	465.7	-57.8	405.0	472.8	-14.3	384.8	281.2	36.9	38.8	109.5	-64.5	24.7	23.6	4.5
22	Mayurbhanj	208.0	265.8	-21.8	457.9	337.3	35.7	181.2	359.9	-49.7	113.6	262.0	-56.6	15.1	114.1	-86.7	0.0	21.6	-100.0
23	Nawarangpur	403.3	251.8	60.2	186.4	356.6	-47.7	307.0	407.5	-24.7	561.9	225.6	149.1	13.2	168.6	-92.2	0.0	18.7	-100.0
24	Nayagarh	156.1	203.5	-23.3	199.4	288.5	-30.9	267.6	288.2	-7.1	253.6	226.8	11.8	37.3	134.5	-72.2	5.4	39.0	-86.1
25	Nuapara	297.0	210.3	41.2	278.2	347.1	-19.9	212.9	327.8	-35.1	306.5	214.5	42.9	2.0	68.9	-97.1	0.0	15.3	-100.0
26	Puri	103.4	188.0	-45.0	230.1	292.0	-21.2	317.8	297.9	6.7	235.4	243.2	-3.2	30.6	181.6	-83.2	36.5	67.3	-45.8
27	Rayagada	255.4	195.3	30.8	152.5	259.5	-41.2	243.9	273.7	-10.9	266.2	199.1	33.7	25.4	109.7	-76.9	13.6	32.9	-58.7
28	Sambalpur	253.5	221.0	14.7	437.2	429.5	1.8	397.6	442.4	-10.1	151.9	224.7	-32.4	10.4	54.7	-81.0	0.0	12.7	-100.0
29	Sonepur	308.2	217.4	41.8	228.3	399.6	-42.9	255.7	408.9	-37.5	137.7	228.0	-39.6	0.8	59.8	-98.6	0.0	11.4	-100.0
30	Sundargarh	167.4	237.4	-29.5	476.0	386.4	23.2	369.7	393.9	-6.2	146.5	211.5	-30.7	12.5	67.7	-81.6	0.0	8.7	-100.0
Total		7038.3			9251.1			7996.4			6645.0			761.8			182.8		
State Average		234.6	216.5	8.4	308.4	339.9	-9.3	266.5	356.0	-25.1	221.5	231.9	-4.5	25.4	114.7	-77.9	6.1	31.5	-80.7

Appendix-II

Extent of Damage due to Drought 2015 State: Odisha

Sl.	Item	Details
1	Total number of Districts in the State	30
2	No. and Names of the Districts affected	28 (Angul, Balasore, Bargarh, Bhadrak Bolangir, Boudh, Cuttack, Deogarh, Dhenkanal, Gajapati, Ganjam, Jajpur, Jharsuguda, Kalahandi, Kandhamal, Kendrapara, Keonjhar, Khordha, Koraput, Mayurbhanj, Nabarangpur, Nayagarh, Nuapada, Puri, Rayagada, Sambalpur, Subarnapur and Sundargarh)
3	Number of Villages affected	<i>29176</i>
4	Population affected	1.68 crore
5	Total land area affected (in lakh ha)	
6	Crop Area affected (in lakh ha.)	
	(i) Total cropped area affected	20.27
	(ii) Estimated loss to crops (Rs. in lakh)	
	(iii) Area where crop damage was more than 33%	15.36
7	Percentage of area held by SMF	
	(i) In the State as a whole	70.48 %
	(ii) In the affected Districts	70.41 %
8	Houses damaged	
9.	No. of Human lives lost	
10	No. of persons with grievous injuries	
11.	No. of persons with minor injuries	
12.	Animal lost	
13.	Damage to public properties :	
14.	Estimated total damage to houses, crops and public properties.	

Appendix-III

Agricultural Input subsidy- SMF

Sl. No.	Name of affected District	Total Agricultural Area affected [in Hect.]	Total Agricultural Area where crop loss is > 33% [in Hect.]	out of (4) area belong to SMF				Assistance sought for different categories of crops				Total assistance sought (in Rs)
				Rainfed	Irrigated	Perennial	Sericulture	Rainfed @Rs.6800/- per hectare	Irrigated @ Rs.13500/- per hectare	Perennial @Rs.18000/- per hectare	Sericulture	
1	2	3	4	5A	5B	5C	5D	6A	6B	6C	6D	7 (6A+6B+6C+6D)
1	Angul	53221	51243	37145	0	0	0	252586000	0	0	0	252586000
2	Balasore	20310	8402	7255	0	0	0	49334000	0	0	0	49334000
3	Bargarh	156857	145246	97618	6015	0	0	663802400	81202500	0	0	745004900
4	Bhadrak	403	133	133	0	0	0	904400	0	0	0	904400
5	Bolangir	200790	124792	87369	847	0	0	594109200	11434500	0	0	605543700
6	Boudh	62197	47899	21361	8917	0	0	145254800	120379500	0	0	265634300
7	Cuttack	98817	72554	60921	10	0	0	414262800	135000	0	0	414397800
8	Deogarh	22956	19239	13471	0	0	0	91602800	0	0	0	91602800
9	Dhenkanal	32569	8492	7813	0	0	0	53128400	0	0	0	53128400
10	Gajapati	23617	18060	6721	6820	0	0	45702800	92070000	0	0	137772800
11	Ganjam	16358	15247	9060	2083	0	0	61608000	28120500	0	0	89728500
12	Jajpur	53209	44516	38640	0	0	0	262752000	0	0	0	262752000

13	Jharsuguda	53217	48560	27587	357	0	0	187591600	4819500	0	0	192411100
14	Kalahandi	95845	71154	35629	4760	0	0	242277200	64260000	0	0	306537200
15	Kandhamal	25171	15088	9827	361	0	0	66823600	4873500	0	0	71697100
16	Kendrapara	6703	4242	3223	0	0	0	21916400	0	0	0	21916400
17	Keonjhar	183812	112944	87045	4722	0	0	591906000	63747000	0	0	655653000
18	Khordha	68807	62983	45319	1722	0	0	308169200	23247000	0	0	331416200
19	Koraput	62909	7872	4398	184	0	0	29906400	2484000	0	0	32390400
20	Mayurbhanj	201706	192074	126711	23414	0	0	861634800	316089000	0	0	1177723800
21	Nawaranghpur	82353	33406	21171	263	0	0	143962800	3550500	0	0	147513300
22	Nayagarh	95624	88922	67915	4167	0	0	461822000	56254500	0	0	518076500
23	Nuapada	86801	80207	59027	3196	0	0	401383600	43146000	0	0	444529600
24	Puri	7255	2465	2014	0	0	0	13695200	0	0	0	13695200
25	Rayagada	66310	61909	41740	3437	0	0	283832000	46399500	0	0	330231500
26	Sambalpur	92803	85921	52054	814	0	0	353967200	10989000	0	0	364956200
27	Subarnapur	46217	40761	20808	4105	0	0	141494400	55417500	0	0	196911900
28	Sundargarh	110234	71571	61007	0	0	0	414847600	0	0	0	414847600
	TOTAL	2027071	1535902	1052982	76194	0	0	7160277600	1028619000	0	0	8188896600

Appendix-IV
Agricultural Input Subsidy - farmers other than SMF

Sl. No.	Name of affected District	Total agricultural area where crop loss is >33% (in ha.)	Out of (3) area belonging to farmers other than SMF				No. of farmers other than SMF affected by the instant calamity (only)			
			Rainfed	Irrigated	Perennial	Sericulture	Rainfed	Irrigated	Perennial	Sericulture
1	2	3	4A	4B	4C	4D	5A	5B	5C	5D
1	Angul	51243	11918	2180	0	0	4263	67	0	0
2	Balasore	8402	1147	0	0	0	506	0	0	0
3	Bargarh	145246	38885	2728	0	0	17807	2348	0	0
4	Bhadrak	133	0	0	0	0	0	0	0	0
5	Bolangir	124792	36137	438	0	0	16304	30	0	0
6	Boudh	47899	11902	5719	0	0	5224	2172	0	0
7	Cuttack	72554	11623	0	0	0	4452	0	0	0
8	Deogarh	19239	5768	0	0	0	5768	0	0	0
9	Dhenkanal	8492	679	0	0	0	287	0	0	0
10	Gajapati	18060	2594	1924	0	0	1038	888	0	0
11	Ganjam	15247	3595	508	0	0	1472	182	0	0
12	Jajpur	44516	5877	0	0	0	1622	0	0	0
13	Jharsuguda	48560	19997	619	0	0	8601	98	0	0
14	Kalahandi	71154	27165	3601	0	0	12164	1578	0	0
15	Kandhamal	15088	4899	0	0	0	1822	0	0	0
16	Kendrapara	4242	1019	0	0	0	434	0	0	0
17	Keonjhar	112944	20219	958	0	0	9521	161	0	0
18	Khordha	62983	15799	143	0	0	5911	607	0	0
19	Koraput	7872	3226	64	0	0	1512	0	0	0

20	Mayurbhanj	192074	35043	6906	0	0	15092	2674	0	0
21	Nawaranghpur	33406	11940	32	0	0	5113	0	0	0
22	Nayagarh	88922	15869	972	0	0	6461	327	0	0
23	Nuapada	80207	16972	1013	0	0	5692	408	0	0
24	Puri	2465	451	0	0	0	218	0	0	0
25	Rayagada	61909	13923	2809	0	0	5701	603	0	0
26	Sambalpur	85921	32569	484	0	0	14912	72	0	0
27	Subarnapur	40761	15770	78	0	0	4012	11	0	0
28	Sundargarh	71571	10564	0	0	0	5211	0	0	0
	TOTAL	1535902	375550	31176	0	0	161120	12226	0	0

Contd..

Sl. No.	Name of affected District	No. of farmers other than SMF affected by successive calamities				Assistance sought for different categories of crops								Total assistance sought (in Rs.)
		Rain-fed	Irrigated	Perennial	Seri-culture	Affected first time				Affected for successive calamities				
						Rainfed @Rs.6800/- per hectare	Irrigated @ Rs.13500/- per hectare	Perennial @ Rs.18000/- per hectare	Seri-culture	Rainfed @ Rs.6800/- per hectare	Irrigated @ Rs.13500/- per hectare	Perennial @ Rs.18000/- per hectare	Seri-culture	
1	2	6A	6B	6C	6D	7A	7B	7C	7D	8A	8B	8C	8D	9 (7A + B + C+D) + (8A+B+C+D)
1	Angul	0	0	0	0	57827200	1458000	0	0	0	0	0	0	59285200
2	Balasore	0	0	0	0	6589200	0	0	0	0	0	0	0	6589200
3	Bargarh	0	0	0	0	232628000	31698000	0	0	0	0	0	0	264326000
4	Bhadrak	0	0	0	0	0	0	0	0	0	0	0	0	0

5	Bolangir	0	0	0	0	217001600	405000	0	0	0	0	0	0	217406600
6	Boudh	0	0	0	0	70148800	56875500	0	0	0	0	0	0	127024300
7	Cuttack	0	0	0	0	60227600	0	0	0	0	0	0	0	60227600
8	Deogarh	0	0	0	0	39222400	0	0	0	0	0	0	0	39222400
9	Dhenkanal	0	0	0	0	2869600	0	0	0	0	0	0	0	2869600
10	Gajapati	0	0	0	0	13695200	23004000	0	0	0	0	0	0	36699200
11	Ganjam	0	0	0	0	19087600	4509000	0	0	0	0	0	0	23596600
12	Jajpur	0	0	0	0	21732800	0	0	0	0	0	0	0	21732800
13	Jharsuguda	0	0	0	0	116436400	2065500	0	0	0	0	0	0	118501900
14	Kalahandi	0	0	0	0	163900400	42012000	0	0	0	0	0	0	205912400
15	Kandhamal	0	0	0	0	24561600	0	0	0	0	0	0	0	24561600
16	Kendrapara	0	0	0	0	5542000	0	0	0	0	0	0	0	5542000
17	Keonjhar	0	0	0	0	128615200	4198500	0	0	0	0	0	0	132813700
18	Khordha	0	0	0	0	76194000	8194500	0	0	0	0	0	0	84388500
19	Koraput	0	0	0	0	19835600	0	0	0	0	0	0	0	19835600
20	Mayurbhanj	0	0	0	0	204714000	70348500	0	0	0	0	0	0	275062500
21	Nawaranghpur	0	0	0	0	69380400	0	0	0	0	0	0	0	69380400
22	Nayagarh	0	0	0	0	86468800	8397000	0	0	0	0	0	0	94865800
23	Nuapada	0	0	0	0	76955600	5508000	0	0	0	0	0	0	82463600
24	Puri	0	0	0	0	2155600	0	0	0	0	0	0	0	2155600
25	Rayagada	0	0	0	0	76500000	15444000	0	0	0	0	0	0	91944000
26	Sambalpur	0	0	0	0	202599200	1363500	0	0	0	0	0	0	203962700
27	Subarnapur	0	0	0	0	94615200	189000	0	0	0	0	0	0	94804200
28	Sundargarh	0	0	0	0	70652000	0	0	0	0	0	0	0	70652000
	TOTAL	0	0	0	0	2160156000	275670000	0	0	0	0	0	0	2435826000

Appendix-V

(Rs. In crore)

Sl.	Particulars	Requirement of funds
1.	Conversion of crop loans advanced during Kharif, 2015	
	i) Share of Government towards conversion of crop loans advanced during Kharif, 2015 in the affected areas.	375.00
	ii) Interest subvention on the MTC loans	362.34
2.	Interest incentive @3% on the Medium Term (Conversion) loans to bring the effective interest rate for the prompt paying farmers at par with the crop loans i.e. @1% p.a.	175.32
	TOTAL	912.66

Appendix – VI-A

District wise L.I. Projects to be revived Departmentally by OLIC for Rabi Crop Season 2015-16

Sl. No.	Name of the District	Name of the Division	Nos	Area in Hect	Amount in lakhs
1	2	3	4	5	6
1	Rayagada	Gunupur	25	512	57.260
2	Koraput	Koraput	23	460	127.480
3	Malakangiri	Koraput	16	320	89.370
4	Nabarangpur	Nabarangpur	25	500	175.000
5	Kalahandi	Bhawanipatna	25	500	41.960
6	Nuapada	Nuapada	25	500	121.030
7	Balangir	Balangir	53	1108	149.730
8	Subarnapur	Subarnapur	25	708	109.800
9	Balasore	Balasore	25	608	126.150
	Balasore	Jaleswar	25	500	169.750
10	Bhadrak	Bhadrak	36	758	224.950
11	Mayurbhanja	Baripada	20	312	134.450
	Mayurbhanja	Karanjia	12	300	67.500
12	Puri	Bhubaneswar	38	952	177.840
13	Khurdha	Bhubaneswar	25	487	64.640
14	Nayagarh	Bhubaneswar	25	516	159.870
15	Cuttack	Cuttack	25	696	75.210
16	Jagatsinghpur	Cuttack	25	516	53.770
17	Kendrapara	Kendrapara	25	488	125.750
18	Jajpur	Jajpur Road	25	642	175.000
19	Gajapati	Berhampur	9	120	57.400
20	Ganjam	Berhampur	94	1704	119.910
21	Kandhamal	Phulbani	25	500	119.160
22	Boudh	Phulbani	25	500	165.950
23	Dhenkanal	Dhenkanal	26	520	148.200
24	Angul	Dhenkanal	25	5000	148.610
25	Keonjhar	Keonjhar	25	424	61.350
26	Sambalpur	Sambalpur	26	676	63.840
27	Deogarh	Sambalpur	15	248	24.350
28	Jharsuguda	Sambalpur	25	560	117.182
29	Bargarh	Bargarh	25	640	156.380
30	Sundargarh	Sundargarh	25	524	171.060
TOTAL			868	22799	3779.902

Appendix – VI-B

District Wise requirement of Funds for minor repair of Lift Irrigation Projects with Pani Panchayat for Operation in Rabi year-2015-16

Sl No	Division	District	Nos of Energised Projects	Nos of L.I Projects Handed over to P.Ps	Nos of L.I Projects Requires Minor Repair for operation-lisation of Inoperable defunct Projects out of Col-5	Designed Ayacut Area in Ha	Amount Required for Minor Repair in Lakhs
1	2	3	4	5	6	7	8
1	Bhubaneswar	Khordha	427	337	77	1540	26.55
2		Nayagarh	477	451	89	1780	27.80
3		Puri	846	715	95	1900	29.56
4	Cuttaack	Cuttack	1118	830	82	1640	122.00
5		Jagatsinghpur	654	403	22	440	23.35
6	Kendrapara	Kendrapara	1641	1274	36	720	32.90
7	Jajpur Rd.	Jajpur	1571	985	68	1360	40.80
8	Bhadrak	Bhadrak	1000	766	44	880	19.80
9	Balasore	Balasore	1372	908	62	1240	36.95
10	Jaleswar	Balasore	926	707	142	2840	58.95
11	Baripada	Mayurbhanja	967	908	105	2100	38.11
12	Karanjaia	Mayurbhanja	283	191	39	780	23.20
13	Keonjhar	Keonjhar	869	422	49	980	25.80
14	Baragarh	Baragarh	686	634	59	1180	28.28
15	Sambalpur	Sambalpur	419	419	132	2640	79.20
16		Jharsuguda	137	137	37	740	20.35
17		Deogarh	124	124	21	420	13.80
18	Sundargarh	Sundargarh	677	581	172	3440	137.60
19	Bhawanipatna	Kalahandi	997	859	54	1080	51.00
20	Nuapada	Nuapada	478	440	88	1760	47.90
21	Subernapur	Subernapur	815	802	19	380	7.00
22	Bolangir	Bolangir	906	892	229	4580	103.00
23	Nabarangapur	Nabarangapur	830	779	110	2200	85.00
24	Koraput	Koraput	1001	910	26	520	32.50
25		Malkanagiri	232	224	0	0	0.00
26	Phulbani	Kandhamal	424	359	93	1860	41.75
27		Boudh	490	484	65	1300	30.45

28	Berhampur	Ganjam	1526	1246	88	1760	100.29
29		Gajapati	326	229	3	60	1.30
30	Dhenkanal	Dhenkanal	723	595	46	920	32.00
31		Anugul	578	487	28	560	18.00
32	Gunupur	Raygarh	937	678	180	3600	133.61
G.TOTAL			24457	19776	2360	47200	1468.80

Appendix – VII-A

Sl.	Name of Activities / Component	Requirement of funds in crore
1.	Provision for Azolla Pits	6.00
2.	Enrichment of crop residue	3.00
	TOTAL	9.00

Appendix – VII-B

Requirement of funds for Gratuitous Relief (Food Assistance)

Sl. No.	Name of affected District	No. of persons required to be provided gratuitous relief			Amount required as per norms of SDRF (in Rs.)		
		Adult	child	total	Adults @ Rs.60/- per day for 90 days	Children @ Rs.45/- per day for 90 days	Total
1	Angul	12856	8500	21356	69422400	34425000	103847400
2	Balasore	1655	703	2358	8937000	2847150	11784150
3	Bargarh	22365	9184	31549	120771000	37195200	157966200
4	Bolangir	18659	13799	32458	100758600	55885950	156644550
5	Boudh	4986	2335	7321	26924400	9456750	36381150
6	Cuttack	13256	6009	19265	71582400	24336450	95918850
7	Deogarh	5639	3037	8676	30450600	12299850	42750450
8	Dhenkanal	4758	2698	7456	25693200	10926900	36620100
9	Gajapati	7895	3537	11432	42633000	14324850	56957850
10	Ganjam	15603	3017	18620	84256200	12218850	96475050
11	Jajpur	3065	1193	4258	16551000	4831650	21382650
12	Jharsuguda	7958	3487	11445	42973200	14122350	57095550
13	Kalahandi	26255	9368	35623	141777000	37940400	179717400

14	Kandhamal	3987	1660	5647	21529800	6723000	28252800
15	Kendrapara	2753	1428	4181	14866200	5783400	20649600
16	Keonjhar	15694	5793	21487	84747600	23461650	108209250
17	Khordha	4135	2586	6721	22329000	10473300	32802300
18	Koraput	658	266	924	3553200	1077300	4630500
19	Mayurbhanj	19268	9279	28547	104047200	37579950	141627150
20	Nawaranghpur	13156	6399	19555	71042400	25915950	96958350
21	Nayagarh	24598	9970	34568	132829200	40378500	173207700
22	Nuapada	16594	7934	24528	89607600	32132700	121740300
23	Puri	1943	902	2845	10492200	3653100	14145300
24	Rayagada	653	244	897	3526200	988200	4514400
25	Sambalpur	12539	5905	18444	67710600	23915250	91625850
26	Subarnapur	7758	3931	11689	41893200	15920550	57813750
27	Sundargarh	16259	7197	23456	87798600	29147850	116946450
	TOTAL	284945	130361	415306	1538703000	527962050	2066665050

Appendix – VIII

Although at present drinking water supply situation is not alarming, it is likely to deteriorate if no rainfall is received in near future. However following contingent plan has been prepared to tackle the situation.

- ii) In order to overcome the likely water scarcity situation in rural areas, where the surface water is normally deficient, water has to be transported by tankers.
- iii) The tube wells which have become defunct either because they have outlived their utility or ground water is not accessible. Apart from that, a number of new habitations have also come up. In order to provide the minimum required tub wells in replacement of the defunct ones and to cover the new habitations, new bore wells will be immediately required.
- iv) Where tube wells have the problem of depletion of water level, extension of riser pipes will be required.
- v) There may be requirements of generator sets and other supporting facilities for maintaining rural water supply project.

It is estimated that Rs.24.78 crore will be required for this purpose.

Appendix – IX

SDRF/ NDRF Account for Drought affected State-2015-16 - ODISHA (As on 12.01.2016)

		Rs. in crore
1	Opening balance in SDRF Account (both SDRF and NDRF) as on 1.4.2015	23.418
2	SDRF releases during the year 2015-16 (Central & State Share)	747.000
	* 1st Installment of current year (280.125 + 93.375)	373.500
	* 2nd Installment of current year (280.125 + 93.375)	373.500
3	Interest accrued on investment made out of SDRF, if any	Nil
4	NDRF releases during the year 2015-16, credited if any	Nil
5	Total funds available in SDRF Account (1+2+3+4)	770.418
6	Expenditure incurred in conformity with approved items & norms of SDRF, on notified calamities other than Drought during 2015-16	
	* Avalanches	0.000
	* Drought (Arrear liabilities for Drought-2011)	2.195
	* Cyclone	181.8213
	* Earthquake	0.000
	* Flood	124.1652
	* Hailstorm	1.212
	* Cloudburst	0.000
	* Landslides	0.357
	* Tsunami	0.000
	* Fire	5.388
	* Pest attacks	0.000
	* Cold wave/frost	0.000
	Sub-Total :	315.1385
7	Expenditure incurred on procurement of Search and Rescue equipments etc. during 2015-16	16.994
8	Expenditure incurred on capacity building during 2015-16, if any	4.4805
9	Expenditure incurred in conformity with approved items & norms of SDRF, on State specific calamity with in the local context in the State during 2015-16, if any.	13.926
10	Expenditure incurred on drought - during 2015-16	223.21
11	Total expenditure incurred on all calamities (6+7+8+9+10)	573.749
12	Balance available in SDRF Account (5-11)	196.669