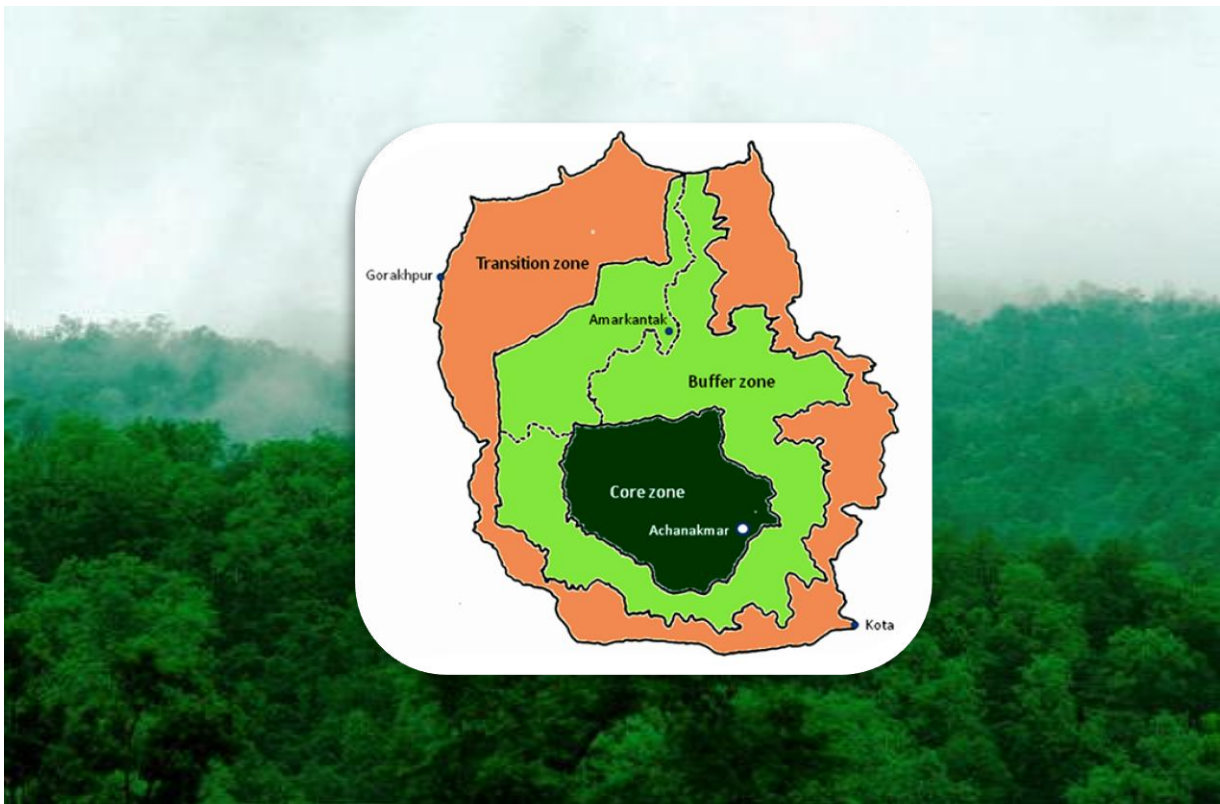


**REPORT**  
**ON**  
**MONITORING OF DEVELOPMENTAL ACTIVITIES**  
**OF**  
**ACHANAKMAR-AMARKANTAK BIOSPHERE RESERVE IN CHHATTISGARH**  
**UNDER**  
**MANAGEMENT ACTION PLAN 2015-16**



**Submitted**  
**by**

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**(Indian Council of Forestry Research and Education)**  
**(An Autonomous Body of the Ministry of Environment, Forests & Climate Change, Govt. of India)**  
**P.O. RFRC, Mandla Road**  
**Jabalpur – 482021 (M.P.)**  
**2016**

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## INTRODUCTION

Achanakmar-Amarkantak Biosphere Reserve is the first biosphere reserve of Chhattisgarh State and 14<sup>th</sup> biosphere reserve of the country, declared by Government of India during the year 2005, vide No. 9/16/99 CS/BR dated 30<sup>th</sup> March 2005 (Anon, 2007a) (Fig.1). It lies between latitude 22° 15' to 20° 58' N and longitude 81° 25' to 82° 5'E and is spread from Maikal hill ranges to the junction of Vindhyan and Satpura hill ranges in a triangular shape. Achanakmar-Amarkantak biosphere reserve is the most dramatic, ecologically diverse, least developed and least disturbed area falls under Deccan Peninsula biogeographic zone of tropical dry and moist deciduous forests biome of India and spread over in Chhattisgarh and Madhya Pradesh with topography ranging from high mountains, shallow valleys and plains (UNESCO-MAB, 2012, <http://www.unesco.org/mab>).

The biosphere reserve supports three major river systems of central Indian region, viz. Narmada, Sone and Johilla and their tributaries. Its boundaries start from Kota and Lormi forest ranges of Bilaspur district in (Chhattisgarh) south to Rajendragram forest range of Anuppur district (Madhya Pradesh) in the north and Belgahana forest range of Chhattisgarh in the east to Dindori forest range of Dindori district in Madhya Pradesh. The total geographical area of biosphere reserve is 38, 35.51 sq. km (Anon, 2007a,b). It consists of three distinct zones, viz. core zone with an area of 551.55 sq. ha. in Chhattisgarh state, buffer zone with an area of 1,95,587.5 sq. ha. in Madhya Pradesh and Chhattisgarh, and outer most transition zone with an area of 132808.5 sq. ha. in both the states.

The biosphere reserve has three distinct seasons, viz. monsoon, which begins from July and continues up to October, winter from November to February and summer from March to June (Anon, 2008). The lowest temperature in winter is -2° C, which rises up to a maximum of 46° C in June and the humidity varies from 39 % to 90%. The annual rainfall is about 1624 mm. The forest vegetation is tropical deciduous type and is classified into “Northern Tropical Moist Deciduous and Southern Dry Mixed Deciduous forests (Champion and Seth, 1968). The drainage system of biosphere reserve consists of rivers originating from the core and buffer zones and a water check dam known as Khudia dam built on the Maniari river towards south-west of the biosphere reserve, fulfills the water needs of inhabitants and wildlife.

The Achanakmar-Amarkantak biosphere reserve is very rich with high density of flora and fauna (Joshi, 2009; Roychoudhury, 2013). It comprises of 1734 species of identified flora. It has 429 species of thallophytes that includes 7 species of algae, 238 species of fungi and 184 species of lichens, 44 species of bryophytes, 49 species of pteridophytes, 16 species of gymnosperms and 1196 species of angiosperms. They yield spices, food, ayurvedic medicines and timbers. Around 184 species of plants have been identified for their ethnobotanical and ethnomedicinal uses. Besides these, there are 389 identified faunal species consisting of 179 species of invertebrates that include 5 species of centipedes, 66 species of butterflies, 66 species of moths, 41 species of beetles and one species of cricket, and 210 species of vertebrates that include 16 species of pisces, 10 species of amphibians, 15 species of reptiles, 144 species of aves and 27 species of mammals. As a whole, Achanakmar-Amarkantak biosphere reserve is a paradise of biodiversity (Roychoudhury *et al.*, 2012).

### **Inhabitants of Achanakmar-Amarkantak biosphere reserve**

Information on population of different villages of biosphere reserve collected from different sources revealed that there are 418 villages with a total population of 4,36,128 in biosphere reserve (Anon, 2010). Six villages with a total population of 1,177 of core zone of biosphere reserve namely Bankul, Bokrakachar, Sambhardhasan, Bahawal, Jalda and Kuba have been shifted to other locations in buffer zone (Roychoudhury, 2013). Major residential areas in buffer and transition zones are Kota, Khondri, Dindori, Lormi, Akhrar, and some revenue and forest villages. There are 27 communities consisting of Baiga, Gond, Dhanwar, Kol, Kanwar, oraon, Chamar, Sais (Sarathi), Basore, Lonia, Muslim, Sindhi, Brahmin, Rajput, Goswami, Baraith, Kalar, Kumhar, Kewat, Nai, Ahir (Raut), Panika, Sondhiya, Lohar, Maratha, Sonar and Baniya live in these two zones (Anon, 2012). The inhabitants are poor and depend mainly on agriculture and partially on biosphere reserve for fuel, fodder, food, medicine, etc. Non- wood forest produce collection plays a vital role in the economy of the inhabitants.

### **MONITORING AND EVALUATION COMMITTEE**

1. Dr. N. Roychoudhury, Scientist 'G', Tropical Forest Research Institute, Jabalpur
2. Shri Ram Bhajan Singh, Research Officer-II, Tropical Forest Research Institute, Jabalpur

## **METHODOLOGY**

The information on developmental activities carried out by Achanakmar-Amarkantak biosphere reserve authorities in Chhattisgarh part of biosphere reserve was collected from the Director, Achanakmar-Amarkantak biosphere reserve, Koni, Bilaspur, Chhattisgarh. A copy of the Annual action plan approved by Government of India, Ministry of Environment, Forests and Climate Change, New Delhi for the year 2015-16 vide letter no. 9/03/2011-CS/BR-133, dated 31.08.2015 (Annexure I) and the actual work done on priority basis as per the released installment of Rs.72.38 lakhs was also collected (Annexure II and III). The activities conducted in different forest ranges of core zone of biosphere reserve were monitored and evaluated physically during the period 7<sup>th</sup>-9<sup>th</sup> June 2016. Shri C. L. Agarwal, Director, Achanakmar-Amarkantak biosphere reserve, Shri A. S. Nath, Range Officer, Chhapparwa, Shri Yasvant Shyamle, Forester, Shri Prakash Singh, Forester, Shri Bhushan Manikpuria Forest Guard and Shri Santosh Kumar Dhruw, Forest Guard, accompanied to visit the sites and provided all relevant information pertaining to the activities carried out. Recorded GPS (make-Garmin) data of all the sites and geo-referenced (Fig. 1). Taken photographs of all the sites as documentary proof of the work done and monitored.

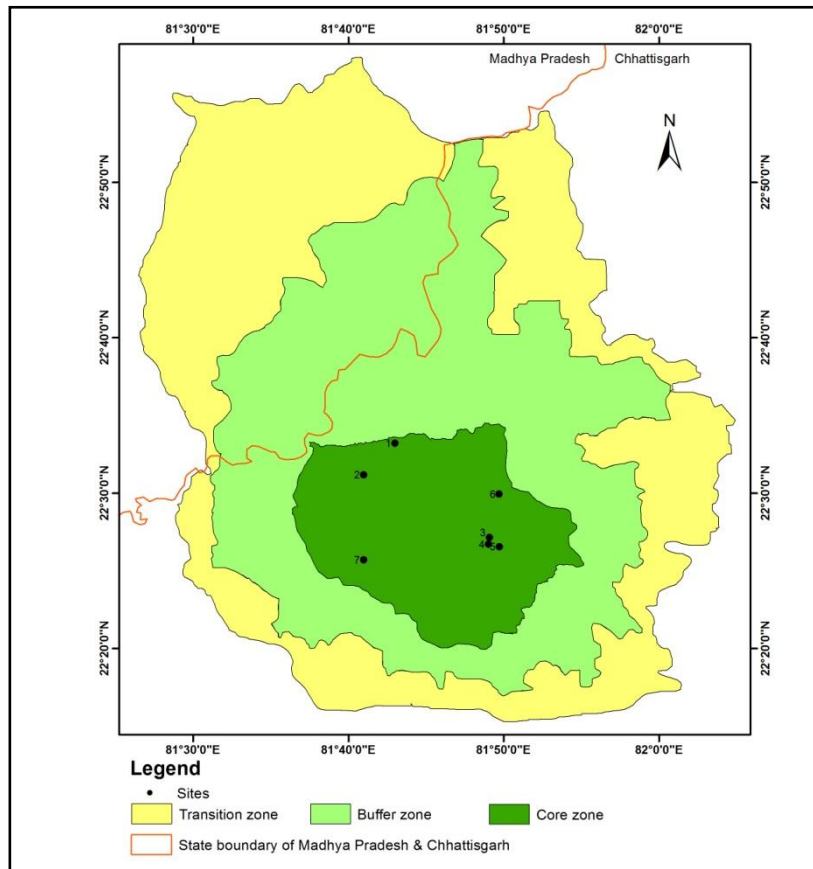
## **LOCALITY VISITED**

Chhapparwa range (Barpani, Maikumath and Tatipathara), Lamni range (Chhirhatta and Kirkota) and Surhi range (Bamhani).

## **MONITORING AND EVALUATION OF DEVELOPMENTAL ACTIVITIES**

### **CONSTRUCTION OF PONDS/CHECK DAM**

A total of seven check dam/ponds were constructed in different forest ranges of the biosphere reserve and their details are presented in Table 1. All these check dam/ponds are located in core zone of Achanakmar-Amarkanatak biosphere reserve and constructed during the period, January-March, 2016 after the funds were made available. These water bodies will be useful for wild animals of biosphere reserve in all seasons for drinking water. The observations on construction of check dam/ponds are mentioned as caption in the photographs of different sites (Fig. 2-8). During the monitoring and evaluation of developmental activities, good numbers of wild animals were found grazing in and around the sites (Fig 9). This observation shows the right decision of biosphere reserve management and justifies the construction of check dam/ponds in the proposed sites of core zone of biosphere reserve.



**Fig.1:** Map of Achanakmar-Amarkantak biosphere reserve showing construction of check dam/ponds in different sites of biosphere reserve during 2015-2016

**Table 1:** Details about sites of construction of check dam/ponds in Achanakmar-Amrakanatk biosphere reserve during 2015-2016

Site No.	Range	Beat	Compartment No	Coordinates	Altitude (ft)
1	Lamni	Kirkota	RF-291	N 22 <sup>0</sup> 33"55.5' E 081 <sup>0</sup> 42"56.8'	1900
2	Lamni	Chhirhatta	RF-341	N 22 <sup>0</sup> 31"10.0' E 081 <sup>0</sup> 40"59.2'	1541
3	Chhapparwa	Tatipathara	RF-205	N 22 <sup>0</sup> 27"08.4' E 081 <sup>0</sup> 49"05.4'	1686
4	Chhapparwa	Tatipathara	RF-206	N 22 <sup>0</sup> 26"41.6' E 081 <sup>0</sup> 49"01.5'	1298
5	Chhapparwa	Maikumath	RF-211	N 22 <sup>0</sup> 26"32.4' E 081 <sup>0</sup> 49"43.4'	1429
6	Chhapparwa	Barpani	RF-231	N 22 <sup>0</sup> 29"55.8' E 081 <sup>0</sup> 49"42.9'	1780
7	Surhi	Bamhani	RF-510	N 22 <sup>0</sup> 25"41.1' E 081 <sup>0</sup> 43"45.7'	1382



**Fig. 2: Construction of check dam/pond - Site 1**

(Photo dated 08.06.2016)

Range - Lamni, Beat-Kirkota, Compartment No. RF-291

Length-60 m and height-13 m (10 m above ground+ 3 m below ground)

Presence of mixed forest



**Fig. 3: Construction of check dam/pond - Site 2**  
(Photo dated 08.06.2016)

Range-Lamni, Beat- Chhirhatta, Compartment No. RF-341  
Length-70 m and height-10 m (7 m above ground + 3 m below ground)  
Presence of mixed forest. Observed water source.  
Recorded pugmark of panther and other wild animals





**Fig. 4: Construction of check dam/pond - Site 3**

(Photo dated 08.06.2016)

Range- Chhapparwa, Beat- Tatipathara, Compartment No. RF-205  
Length-58 m and height-10 m (7 m above ground + 3 m below ground)  
Presence of mixed forest



**Fig. 5: Construction of check dam/pond - Site 4**

(Photo dated 08.06.2016)

Range - Chhapparwa, Beat- Tatipathara, Compartment No. RF-206  
Length-90 m and height-10 m (7 m above ground + 3 m below ground)  
Presence of mixed forest



**Fig. 6: Construction of check dam/pond - Site 5**

(Photo dated 08.06.2016)

Range- Chhapparwa, Beat- Tatipathara, Compartment No. RF-211  
Length-70 m and height-10 m (7 m above ground + 3 m below ground)  
Presence of mixed forest



**Fig. 7: Construction of check dam/pond - Site 6**

(Photo dated 08.06.2016)

Range- Chhapparwa, Beat- Barpani, Compartment No. RF-231

Length-55 m and height-10 m (7 m above ground + 3 m below ground)

Presence of mixed forest



**Fig. 8: Construction of check dam/pond - Site 7**

(Photo dated 08.06.2016)

Range- Surhi, Beat- Bamhani, Compartment No. RF-510

Length-52 m and height-10 m (7 m above ground + 3 m below ground)



**Fig. 9:** Wild animals in and around the check dam/ponds in Achanakmar-Amarkantak biosphere reserve. (Photo dated 08.06.2016)

## COMMENTS ON WORK DONE UNDER THE MANAGEMENT ACTION PLAN

Government of India, Ministry of Environment, Forests and Climate Change, New Delhi, sanctioned a grant-in-aid to Government of Chhattisgarh for Rs. 295.42 lakhs to implement the Management Action Plan of Achanakmar-Amarkantak biosphere reserve for the year 2015-2016 as per details given in annexure I. The installment of the grant-in-aid, i.e. Rs. 72.38 lakhs (Annexure II) was released to undertake the work of the biosphere reserve. The authorities prioritized the activities keeping in mind the terms and conditions of the grant sanctioned (Annexure III).

## RECOMMENDATIONS

The grant-in-aid released by Government of India, Ministry of Environment, Forests and Climate Change, New Delhi has been utilized Rs. 72,14,305 by the biosphere reserve authorities for the activities it was sanctioned (Annexure IV ). It has been mentioned in the utilization certificate that the remaining unutilized amount Rs. 23, 695 will be adjusted towards the grant-in-aid as second installment payable during 2016-17 (Annexure V). The team felt the need of immediate release of remaining allotted amount so as to execute the activities of the approved action plan.

The funding agency is also requested to convey the approval of Annual Management Action Plan to the implementing agency in the first quarter of the financial year, so that the sanctioned physical and financial targets could be achieved more effectively during the financial year.

## References

- Anonymous (2007a). Achanakmar-Amarkantak Biosphere Reserve. Compendium. Tropical Forest Research Institute, Jabalpur, 69 pp.
- Anonymous (2007b). Achanakmar-Amarkantak biosphere reserve. Biosphere Reserve Information Series (BRIS) 1 (1): 134 pp.
- Anonymous (2008). Achanakmar - Amark antak biosphere reserve. Biosphere Reserve Information Series (BRIS) 1(2): 86 pp.
- Anonymous (2010). Achanakmar-Amarkantak biosphere reserve. Biosphere Reserve Information Series (BRIS) 2(1-2): 158 pp.
- Anonymous (2012). Achanakmar-Amarkantak Biosphere Reserve. Biosphere Reserve Information Series (BRIS) 3(1-2): 93 pp.
- Champion, H.G. and Seth, S.K. (1968). A revised survey of the forest types of India. Manager of Publications, Delhi.
- Joshi, K. C. (2009) Project completion report on Lead Institute Achanakmar-Amarkantak biosphere reserve (Phase-I). Submitted to Ministry of Environment and Forests, New Delhi, 150 pp.
- Roychoudhury, N. (2013). Project completion report on Lead Institute Achanakmar-Amarkantak biosphere reserve (Phase-II). Submitted to Ministry of Environment and Forests, New Delhi, 91 pp.
- Roychoudhury, N., Sharma, R., Yadav, D. K. and Kushwaha, D. K. (2012). Achanakmar-Amarkantak biosphere reserve: a paradise of biodiversity. *Vaniki Sandesh* 2 (4): 27-37.



(Dr. N. Roychoudhury)

### Summary of the work done under the management action plan 2015-16

Budget sanctioned (Rs. in lakh)	Budget allotted (Rs. in lakh)	Proposed activity	Physical target	Cost per unit (Rs. in lakh)	Financial target (Rs. in lakh)	Physical achievement	Financial Achievement (Rs. in lakh)	Balance amount (Rs. in lakh)	Range and location	Compartment No., coordinates and altitude (ft)	Status	Remark
295.42	72.38	Construction of check dam/pond	1	10.00	10.00	1	9.94286	0.05714	Lamni Kirkota	RF-291 N 22°33'55.5' E 081°42'56.8' 1900	Completed	Satisfactory
			1	10.00	10.00	1	9.89625	0.10375	Lamni Chhirhatta	RF-341 N 22°31'10.0' E 081°40'59.2' 1541	Completed	Satisfactory
			1	10.00	10.00	1	9.98787	0.01213	Chhapparwa Tatipathara	RF-205 N 22°27'08.4' E 081°49'05.4' 1686	Completed	Satisfactory
			1	12.00	10.38	1	10.34044	0.03956	Chhapparwa Tatipathara	RF-206 N 22°26'41.6' E 081°49'01.5' 1298	Completed	Satisfactory
			1	10.00	10.00	1	9.98787	0.01213	Chhapparwa Maikumath	RF-211 N 22°26'32.4' E 081°49'43.4' 1429	Completed	Satisfactory
			1	10.00	10.00	1	9.98787	0.01213	Chhapparwa Barpani	RF-231 N 22°29'55.8' E 081°49'42.9' 1780	Completed	Satisfactory
			1	12.00	12.00	1	11.99989	0.00011	Surhi Bamhani	RF-510 N 22°25'41.1' E 081°43'45.7' 1382	Completed	Satisfactory
		<b>Total</b>	<b>7</b>	<b>74.00</b>	<b>72.38</b>	<b>7</b>	<b>72.14305</b>	<b>0.23695</b>				



## Annexure I

F. No.-9/03/2011-CS/BR-133  
Government of India  
Ministry of Environment, Forests & Climate Change  
(CS-I Division)

Indira Paryavaran Bhawan  
Jor Bagh Road, Aliganj  
New Delhi-110003  
Dated: 31<sup>st</sup> August, 2015

To,

The Principal Pay and Accounts Officer,  
Ministry of Environment, Forests & Climate Change  
New Delhi

Sub: Release of Grants-in Aid (Plan) to the Department of Forests, Government of Chattisgarh, for implementation of Management Action Plan (MAP) 2015-16 in respect of Chattisgarh part of Achanakmar-Amarkantak Biosphere Reserve (AABR).

Sir,

I am directed to convey the sanction of the President of India to the grant of Administrative Approval & Expenditure Sanction (AA & ES) for the implementation of Management Action Plan (MAP) 2015-16 for conservation and management of Chattisgarh part of Achanakmar-Amarkantak Biosphere Reserve for an estimated amount of **Rs 295.42/- lakhs (Rupees Two Crore Ninety Five Lakhs Forty Two Thousand Only)** to the Department of Forests, Government of Chattisgarh to carry out their proposed item of activities as detailed in **Annexure – I** attached to this sanction letter.

2. The approval of the President of India is also conveyed to carry forward unspent balance of Rs. 3,83,005/- (Rs. Three Lakhs Eighty Three Thousand Five Only) from 2014-15 to 2015-16.
3. The approval of the President is also conveyed for release of Rs. 80.00/- lakhs (Rupees Eighty Lakhs Only) to the State Government of Chattisgarh for the implementation of Management Action Plan during 2015-16. However, actual amount to be released as first installment is **Rs.76,16,995/- (Rupees Seventy Six Lakhs Sixteen Thousand Nine Hundred Ninety Five only)** (i.e. Rs. 80,00,000/- minus Rs.3,83,005/- unspent balance of 2014-15). In accordance with the Ministry of Finance, Department of Expenditure's OM No. 55(5)/PF.II/2011 dated 06.01.2014, 10% of the released amount may be earmarked/ Utilized by the State Government towards flexi-funds component.
4. Previous Consolidated Utilization Certificate for implementation of Management Action Plan of 2013-14 for Rs. 2,46,16,995/- (Two Crore Forty Six Lakhs Sixteen Thousand Only) against the available amount of Rs. 2,50,00,000/- (Two Crore Fifty Lakhs Only) is enclosed at **Annexure II**.
5. The sanction is subject to the terms and conditions detailed in **Annexure – III** attached with this sanction.
6. Implementing Agency (IA) of this Management Action Plan is Department of Forests, Government of Chattisgarh and funds shall be made available to the IA without delay or diversion for any other purpose.
7. The above mentioned grant further subject to the following conditions:
  - (i) State Government is requested to constitute a steering committee for review and monitoring of the implementation of MAP 2015-16 and periodically inform the same to the Ministry of Environment, Forests & Climate Change.

*Madhavi Prasad*

- (ii) The Management authority of the Biosphere Reserve (BR) will annually compile information on various schemes/ programmes being undertaken by the Agencies/ Department within the jurisdiction of the BR and reflect the same while formulating future plans for the BR.
  - (iii) Certificate of civil works is required to be submitted by the State Government mentioning, wherever applicable, that the rates are applicable as per the Schedule of Rates of Rural Engineering Services Department, Chattisgarh.
  - (iv) Local Level Committee for Chattisgarh part of AABR, Chattisgarh, shall include a woman representative from Panchayat Raj Institution in the Committee for empowerment of women.
8. Further release of funds will be made on receipt in prescribed proforma of Utilization Certificate, Progress Report on physical and financial targets achieved along with the latlongs embodied in the Utilization and Monitoring Report duly vetted by State Level Steering Committee.
  9. Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Chattisgarh, shall ensure that the funds released for implementation of the MAP during 2015-16 shall be utilized on the approved components & sites of Chhatisgarh part of AABR and duplication, if any, should be avoided.
  10. Noted at S. No. BR/4/CS-I/2015-16 in the Register of Grants 2015-16.
  11. In accordance with the revised procedure, the Reserve Bank of India may please be advised for debiting the amount of Rs. 76,16,995/- (Rs Seventy Six Lakhs Sixteen Thousand Nine Hundred Ninety Five Only) to the account of the Ministry of Environment, forests & Climate Change and passing on the credit to the Central Accounts Section, Nagpur, for transfer to the State Government of Chattisgarh in the books of the latter.
  12. The expenditure incurred will be debited to Major Head 3601.02.656.06.01.31-Grants-in-Aid to States under Demand No. 32, Ministry of Environment, Forests & Climate Change, during current financial year 2015-16.
  13. The Government of India shall depute any person to visit the site/Implementing Agency for the purpose of monitoring the project work. Full facility shall be provided by the IA to the person deputed for inspection by the Government of India.
  14. Violation of any of the terms may result in recovery of the amount granted for the Scheme.
  15. The Sanction has been issued under the powers delegated to the Ministries/ Departments with the concurrence of Integrated Finance Division vide their Dy. No.Dir(IFD) 1811 dated 20<sup>th</sup> August.

Yours faithfully

  
(Madhumita F. Swar)  
Director

Copy to:

1. The Addl. Chief Secretary, Department of Forests, Government of Chhattisgarh, Raipur.
2. The Secretary, Finance Department, Government of Chhattisgarh, Raipur.
3. Special Secretary, Forest Department, Government of Chhattisgarh, Mantralay, Mahanadi Bhawan, New Raipur.
4. The Accountant General, Government of Chhattisgarh, Raipur.

5. Director of Audit, Commerce, Works & Misc.II, AGCR Building, I.P. Estate, New Delhi-110 002.
6. Principal Chief Conservator of Forests (Wildlife) & Chief Wildlife Warden, Aranya Bhawan, Medical College, Road, Raipur, Chhattisgarh - 492 001.
7. Director, Achanakmar-Amarkantak Biosphere Reserve, Bilaspur, Chhattisgarh.
8. The Adviser, (Environment & Forests) Planning Commission, Yojana Bhawan, New Delhi.
9. Director (PT) /DIG(WL), Ministry of Environment and Forests, New Delhi.
10. Advisor (D)/IFD/Sanction folder/Guard file.

Your faithfully,

Yours faithfully

*Madhumita Biswas*  
(Madhumita Biswas)  
Director

*Madhumita Biswas*  
(Madhumita Biswas)  
Director

कार्यालय-मुख्य वन संरक्षक (वन्यप्राणी) एवं परियोजना संचालक,  
अचानकमार टाईगर रिजर्व, कोनी, बिलासपुर (छ0ग0)

Email : fielddir\_atr@rediffmail.com, wildlifecf@gmail.com, Ph./Fax No. (O) - 07752-260070

क्रमांक/व.प्रा./व्यय/2015/ २०३५.  
प्रति,

बिलासपुर/दिनांक 13/10/2015

संचालक

अचानकमार अमरकंटक बायोस्फियर रिजर्व  
कोनी, बिलासपुर (छत्तीसगढ़)

विषय :- 6771 अचानकमार अमरकंटक बायोस्फियर रिजर्व का विकास मद के अंतर्गत वित्तीय वर्ष 2013-14 में कराये गये कार्यों के उपयोगिता प्रमाण पत्र में त्रुटि के संबंध में।

संदर्भ :- आपका पत्र क्र./व्यय/81 दिनांक 10.02.2015

—00—

उपरोक्त विषयांकित संदर्भ में लेख है कि केन्द्र क्षेत्रीय योजना 6771 अचानकमार अमरकंटक बायोस्फियर रिजर्व के विकास हेतु वित्तीय वर्ष 2015-16 में राशि. रूपये 295.43 लाख स्वीकृत करते हुये 72.38 लाख का बजट आबंटन प्राप्त हुआ है।

आबंटित बजट के तारतम्य में निम्नानुसार निर्देश दिये जाते हैं-

1. प्राप्त आबंटन से विभिन्न वनमंडलों के क्षेत्रान्तर्गत कार्य कराये जाने है। अतः संबंधित वनमंडलाधिकारियों से चर्चा के उपरांत कार्यों का एवं क्षेत्र स्थल का चयन करें।

2. जो कार्य JFM एवं Awareness Activity से संबंधित है उसके लिये उप संचालक, अचानकमार टाईगर रिजर्व से समन्वय स्थापित करते हुये कराये जाने वाले कार्यों को अंतिम रूप दें।

3. प्रत्येक कार्य का विस्तृत प्रस्ताव संबंधित वनमंडलाधिकारी/उप संचालक से तकनीकी स्वीकृति सहित प्राप्त हो अगर अधोहस्ताक्षरकर्ता के सक्षमता में हो तो संबंधित वनमंडलाधिकारी के द्वारा कार्यालय में प्राप्त हो।

उपरोक्त दिये गये निर्देशों का पालन किया जाना सुनिश्चित करते हुये प्रस्ताव 07 दिवस के भीतर प्रेषित करें, ताकि बजट आबंटन किया जा सके।

संलग्न :- उपरोक्तानुसार।

मुख्य वन संरक्षक (वन्यप्राणी)  
एवं परियोजना संचालक, अचानकमार टाईगर रिजर्व  
बिलासपुर (छ0ग0)

बिलासपुर/दिनांक 13/10/2015

पृ.क्रमांक/व.प्रा./व्यय/2015/ २०३५

प्रतिलिपि:- उप संचालक, अचानकमार टाईगर रिजर्व/ वनमंडलाधिकारी मुंगेली/मरवाही/बिलासपुर को सूचनार्थ एवं आवश्यक कार्यवाही हेतु अर्पित। उपरोक्तानुसार दिये गये निर्देशानुसार कार्यवाही किया जाना सुनिश्चित करें।

मुख्य वन संरक्षक (वन्यप्राणी)  
एवं परियोजना संचालक, अचानकमार टाईगर रिजर्व  
बिलासपुर (छ0ग0)

### Annexure III

#### ACTIVITIES PROPOSED FOR THE IMPLEMENTATION OF MANAGEMENT ACTION PLAN 2015-16

S. No.	Name of Activities	Units	Physical Target	Cost per Unit (In Rs. lakhs)	Financial Target (Rs. In lakhs)	Location Com. No. Longitude Latitude	Range	Justification	Expected outcome
1	2	3	4	5	6	7	8	9	10
A CORE ACTIVITIES									
1	construction of check dam/ ponds	No	1	10.00	10.00	291RF 22°34'02.6" N 81°42'53.3" E	Lamni	To ensure availability of adequate drinking water for wild animals in all seasons	Availability of adequate drinking water
			1	10.00	10.00	341RF 22°31'10.3" N 81°40'59.6" E	Lamni		
			1	12.00	12.00	510RF 22°26'15.0" N 82°44'41.3" E	Surhi		
			1	12.00	12.00	206RF 22°27'106" N 81°49'063" E	Chhapparva		
			1	10.00	10.00	211RF 22°27'50.1" N 81°49'42.1" E	Achanakmar		
			1	10.00	10.00	205RF 22°27'07.8" N 81°49'02.7" E	Achanakmar		
			1	10.00	10.00	231RF 22°29'56" N 81°49'30" E	Achanakmar		

## Expenditure statement for fund released during year 2015-16 (March 2016)

S.N.	Name of work	Physical Target Units	Cost per Unit (In Rs. lakhs)	Financial Target (Rs. In	Physical Achivemen t	Financial Achievement (Rs. In Rs)	Location		
							5	6	7
1	2	3	4	5	6	7	8	9	10
		1	10.00	10.00	1	994286.00	291 Kirkota	22°34'02.6" N	81°42'53.3" E
		1	10.00	10.00	1	989625.00	341 Chhirhatta	22°31' 10.3" N	81°40'59.6" E
		1	10.00	10.00	1	988787.00	205 Tatipathara	22°27' 7.8" N	81°49'6.3" E
1	CONSTRUCTION OF PONDS/CHECK DAM	1	12.00	10.38	1	1034044.00	206 Tatipathara	22°26'39.7"N	81°49'01.2" E
		1	10.00	10.00	1	988787.00	211 Maikumath	22°26'21.1" N	81°49'44.1" E
		1	10.00	10.00	1	988787.00	231 Barpani	22°29'56.8" N	81°49' 47.1" E
		1	12.00	12.00	1	1199989.00	510 Bamhani	22°25'40.5" N	81°43'47.9" E
		Total	74.00	72.38		7214305.00			



Director  
Achanakmar- Amarkantak Biosphere  
Reserve Bilaspur (C.G.)

## ANNEXURE -I

## FORM GFR 19 – A

[See Government of India's Decision (1) under Rule 150]

Utilization Certificate

S N	Letter No. & Date	Amount (Rs.) in lakhs	
1.	GOI. MOEF. Letter No. F 9/03/2011-CS/BR- 133 Dt. 31-08-2015 of GOI, Ministry of Environment , Forest & Climate Change (CS-I Division) New Delhi	72.38	Certified that out of Rs. 2,95,42,000 /- of grants-in-aid sanctioned during the year 2015 - 16. in favor of Department of Forests, Chhattisgarh for implementation of Management Action Plan (MAP) 2015-16 for the Chhattisgarh part of Achanakmar – Amarkantak Biosphere Reserve sanction for Rs. 72,38,000 and release as First installment Under the Ministry letter No. given in the margin, against that a sum of Rs. 72,14,305/- has been utilized for which it was sanctioned. Rs. 23,695/- unutilized & Rs. Nil surrendered will be adjusted towards the grants-in-aid as Second installment payable during 2016-17.
	<b>Total -</b>	<b>72.38</b>	

Certified that I have satisfied my-self that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

**Kinds of checks exercised.**

1. Measurement and check measurement by the SDOs/Ros.
2. Regular monitoring
3. Checking of quality of materials
4. Engaged skilled laboures

*C.L. Agrawal*  
 Chief Conservator of Forest  
 & Field Director  
 Achanakmar Tiger Reserve Bilaspur (C.G.)

*C.L. Agrawal*  
 ( C.L. Agrawal )  
 Director

Achanakmar-Amarkantak Biosphere  
 Reserve Bilaspur (C.G.)