

No. 4-1(14)/2009-PT
Government of India
Ministry of Environment and Forests
National Tiger Conservation Authority

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Dated the, 17th August, 2009

To

The Sr. Pay & Accounts Officer,
Ministry of Environment & Forests,
New Delhi.

Sub: Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Periyar Tiger Reserve, Kerala during 2009-10.

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in **Periyar Tiger Reserve, Kerala** at the cost of **Rs. 307.85 lakhs (Rupees Three Hundred Seven Lakhs and Eighty Five Thousand only)** as per details given in the annexure. Of the **total cost of the scheme, Rs.150.10 lakhs** being the recurring cost of the scheme will be shared on 50:50 basis by the Government of India and the **Government of Kerala**. The remaining cost of the scheme will be treated as 100% Central Assistance by the Government of India.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 151.80 lakhs (Rupees One Hundred Fifty One lakhs and Eighty Thousand only)** as the 1st installment of Central Share towards the Grants-in-aid to **Government of Kerala** during the current financial year 2009-10. The balance amount of the Central Assistance will be released in due course after a review of the progress of expenditure/work is undertaken.

3. The grants-in-aid will be regulated in accordance with the provisions contained in the memorandum of the Centrally Sponsored Project Tiger Scheme. The Grants-in-Aid is also subject to the Chapter 9 of the General Financial Rules 2005, as amended from time to time, read with the Government of India's decision incorporated there-under, and any other guidelines which may be issued in this regard, and in particular to the following conditions:-

- (i) All relevant information and documents/certificates as required under GFR 209(I) have been received.
- (ii) The pattern of assistance of rules governing such grants-in-aid have received the approval of the Ministry of Finance, as required under Government of India decision No. (1) under DFPR-Rules 20.
- (iii) Terms and conditions of the service of the employees employed in the **Periyar Tiger Reserve** under the Project Tiger Scheme are not higher than those applicable to similar categories of employees of Central Government and where it is not in accordance with above, the relaxation of Ministry of Finance have been obtained for such discrepancies as required under GFR 208(6)(iv)(a).

- (iv) Assets acquired wholly or substantially out of Government Grants shall not be disposed off without obtaining the prior approval of the sanctioning authority of Grants-in-aid.
- (v) The **Government of Kerala** agrees to make reservations for Scheduled Castes and Scheduled Tribes or OBC in the posts or services under its control on the lines indicated by Govt. of India.
- (vi) The accounts of the **Periyar Tiger Reserve** shall be audited by C&AG or by any person authorized by him on his behalf in accordance with the provisions laid down in Section 14 of the C&AG (DPC) Act, 1972 as amended from time to time.
- (vii) The accounts of the Project Tiger Scheme shall be open for inspection by the sanctioning authority and audit, both by the Comptroller & Auditor General of India under the provision of C&AG (DPC) Act, 1972 and internal audit party by the Principal Accounts Office of the Ministry whenever it is called upon.
- (viii) The Utilisation Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
- (ix) **Government of Kerala** in respect of **Periyar Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2010.
- (x) Noted at Serial No. 2 in the Register of Grants.
- (xi) **Periyar Tiger Reserve** will spend Grants-in-aid exclusively in pursuance of the objectives envisaged in rules/memorandum of the Centrally Sponsored 'Project Tiger Scheme' and for the purpose it is being sanctioned.
- (xii) Grants-in-aid to **Government of Kerala** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
- (xiii) Grants-in-aid shall be utilized before the end of the current financial year 2009-10 and unspent balance, if any, will be refunded by **Government of Kerala** to the Govt. of India.
- (xiv) **Government of Kerala** in respect of **Periyar Tiger Reserve** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 209(xiii).
- (xv) Grants-in-aid shall be utilized for **Periyar Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between National Tiger Conservation Authority and **Government of Kerala**.

4. As the annual budget of the Scheme is approved by the Central Government, the **Government of Kerala** is not required to furnish bond and sureties, in accordance with the Ministry of Finance O.M. No. 14(1)-EII(A)/64 dated 23.6.1965.

5. The payment sanctioned above is provisional and is subject to the adjustment on the basis of the audited figures of expenditure. Other terms and conditions of the payment are as under:

- (a) The grant is in accordance with the pattern of financial assistance approved by the Planning Commission and the Ministry of Finance.
- (b) The grant sanctioned is subject to the adjustment on the basis of the terms and conditions approving the scheme.

6. No deviation from the approved items of expenditure as enumerated in the annexure shall be made without prior concurrence of the Government of India. The guidelines for implementation of National Tiger Conservation Authority shall be fully adhered to. The Chief Wildlife Warden and the Principal Chief Conservator of Forests of the State Government should be directed to ensure that the field works are in accordance with the

Management Plan and the Annual Plan of Operation by the field inspections from time to time.

7. In accordance with the revised procedure, the Central Accounts Section, Reserve Bank of India, Nagpur, may kindly be advised to pass on credit to the books of the State **Government of Kerala** under intimation to this Department.

8. The expenditure involved will be met from within the Sanctioned Budget Grants of Centrally Sponsored Project tiger Scheme under Demand No. 29, Ministry of Environment and Forests, Major Head 3601 – Grants-in-aid to the State Governments, 3601.04- Grants-in-aid for Centrally Sponsored Plan Scheme, 3601.04.659-Environmental Forestry and Wildlife – Wildlife Preservation, 3601.04.659.03- Project tiger, 3601.04.659.03.00.31- Grants-in-aid for the year 2009-10 (Plan).

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 1105/ JS&FA/F/109 dated 08-07-2009

Yours faithfully,

(S.P. Yadav)
Deputy Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Kerala, A copy of the detailed sanctioned letter issued by the State Government in respect of this scheme for 2009-10 may kindly be furnished to this Department immediately.
2. The Secretary (Finance), Govt. of Kerala.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Kerala.
4. The Field Director, Periyar Tiger Reserve, Kerala.
5. The Accountant General, Kerala.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. Forest Finance Division, MoEF, New Delhi.
8. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
9. Dy. Advisor (Forestry), S&T Division, Planning Commission, Yojana Bhavan, New Delhi.
10. Dy. Director, Wildlife Preservation, Southern Region/Northern Region/Eastern Region/Western Region.
11. Guard file/Spare copies.

(S.P. Yadav)
Deputy Inspector General of Forests (PT)

ANNUAL PLAN OF OPERATION (2009-10)					
PERIYAR TIGER RESERVE (KERALA)					
Sl. No.	Name of Activities	Qty.	Unit Rate	Location	Amount recommended by IGF & MS (NTCA) for 2009-10
A	NON-RECURRING				
1	Anti poaching				
a	Deployment of Antipoaching squads(mm)	8700 MM	175/MM	20 camps	15.00
b	Organising vehicular patrolling by constituting squads (Tiger Protection Force), comprising of field staff, labourers and police/SAF/ex-army personnel, with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.	100 camp	175/MM	9 Jeeps, 12 Bullets, 4 boat, Mtce.	20.00
c	Organising surprise raids jointly with the local police in railway stations, local trains, bus-stops, buses, catchers and cafeteria.	20 Nos	LS	Various location	2.00
d	Ensuring special site-specific protection measures, during monsoon as 'Operation Monsoon' – considering the terrain and accessibility of Protected Areas.	6900 MM.	175/mm	20 camps	12.00
e	Deployment of ex-army personnel / home guards.	2 persons	0.50	Thekkady	1.00
f	Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	850 MM		All waterholes in Periyar Tiger Reserve	1.50
g	Rewards to informers.	LS	LS		0.70
h	Legal support for defending court cases, TA to staff	LS	LS		1.00
i	Procurement / Mtce.of arms and ammunition.	Rounds/mtce. of arms	LS	Periyar Tiger Reserve	3.00

j	Procurement of vehicles, boats.	2 Row boats, 1 jeep, 2 dingy	LS	Periyar Tiger Reserve	6.00
k	Procurement field gear, night vision device.	Field Equipments	LS	Periyar Tiger Reserve	7.00
Sub Total					69.20
2	Strengthening of infrastructure within Tiger Reserves				
a	Civil Works (staff quarters, family hostels, office improvement, patrolling camp, house keeping buildings, museum, culverts).	Patrolling camps	2.00 / camp	Randattinkara Ummikkuppan, Moolavaiga, sundaramala, Periyar	5.00
b	Creation of wireless tower.	5 Nos.	0.40	Periyar Tiger Reserve	2.00
c	Creation of fire watch tower.	1 Nos	2.00	Periyar Tiger Reserve	2.00
d	Creation of bridges, dams, anicuts.	5 nos.	2.10	6 Nos. Hanging bridge - Ittichood & Kallar (2) in Vallakkadavu and Lekshnipara, Vashukapara, Mlapara in Periyar Range - Culvert Sathram, Check Dam Uppupara in West Division	10.00
e	Completion of Kokkara Bridge	1 No.	5.00	Kokkara Bridge	5.00
f	Purchase of Digital Camera	5 Nos.	0.24	DD East 2 nos, DD West 2 Nos, FVO 1 No.	1.20
g	Construction of Elephant Proof Trench	3 KM.	2.50	Thekkady, Sathram and Pambavalley	7.50
Sub Total					32.70
3	Addressing man-animal conflict (ensuring uniform, timely compensation for human deaths due to wild animals, livestock depredation by carnivores, crop depredation by wild ungulates)				
a	Compound wall to control stray cattle at Thekkady	200 mts	1000/mts	Thekkady Range	2.00
b	Procurement of tranquilizing equipments, rescue vehicles and drugs.	1 unit	LS	Veterinary centre	3.00
Sub Total					5.00
4	Research, providing equipments (Camera traps, GPS etc), computer softwares, All India estimation of Tiger/Co-predators / Prey Animals, habitat monitoring and evaluation				
a	Tiger Conservation Plan	1 no	LS	Periyar Tiger Reserve	3.00
Sub Total					3.00
5	Provision of project allowance to all categories of Project Tiger field staff				
a	Project allowance	259 staff	As per Government of India guidelines	Periyar Tiger Reserve	9.00
Sub Total					9.00
6	Staff welfare activities				
a	Supply of field kit	35	LS	15 sections of Periyar Tiger Reserve	3.50

b	Water harvesting structures - drinking water purposes / well	2 Nos	0.50	Sabarimala, Karimala, Puthussery, 4th mile	1.00
	Sub Total				4.50
7	Spill Over Works				
a	Conducting special protection camps for Ganja eradication/anti poaching			DD(W)	2.50
b	Replacement of 1st Bridge at Kokkara			DD(E)	4.50
c	Development of GIS unit for monitoring Tiger home Range and prey base density			FD(PT)	0.10
d	Procurement of camera traps			FD(PT)	1.70
e	Procurement of night vision equipments			FD(PT)	2.00
f	Preparation of tiger conservation plan			FD(PT)	1.85
g	Construction of firewatch tower at zeropoint			DD(W)	8.00
h	Construction of new wireless tower at Satram, Undamedu and Moolakkayam			DD(W)	0.85
i	Compensation for Wildlife attack victims			DD(W)	1.00
j	Immunization of cattle in and around the fringe areas of the Tiger Reserve			DD(W)	0.40
k	Construction of field station at Manalkavala and Undamedu			DD(E)	2.00
l	Concreting the existing Kulangarapadi to Ezhukumon portion of Kulangarapadi-Ezhukumon-Pallippadi road			DD(W)	1.80
	Sub Total				26.70
	Total Non-recurring				150.10
B	RECURRING				
1	Anti poaching				
a	Establishing and maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling	constitution of EDC of Thelli smugglers	175/MM	Palkachi, Mavinchuvadu, Vattathotti, Manalkavala, Deviyar mettu, Kozhikkanam, Kozhikkanam landing, grassland quarters.	15.00
b	Establishing and maintenance of wireless network.	1400 MM	175/MM	Kurisumala, Tiger III, 4th mile, Mangaladevi, 4x4 m.m. Kuttikkanam, Sathram, Moolakkayam, Uppupara	8.00
	Sub Total				23.00
2	Strengthening of infrastructure within Tiger Reserves				
a	Maintenance and upgradation of road network. Thekkady - Mullakkudy road	3 KM	6.00	Thekkady to Mullakkudy	18.00
b	Creation of trekpath and patrolling routes	192.5 KM.		5 Ranges	13.50
c	Maintenance / creation of firelines / firebreaks.	300 Km	0.50	5 Ranges	15.00
d	Control burning	750 Ha includes fireline	0.60	5 Ranges	4.50

e	Maintenance / creation of earthen ponds.	120 nos. mtce and 10 new	LS	5 Ranges	8.00
f	Procurement / maintenance of vehicles (Gypsy, Jeep, Truck, Tractor).	Maintenance of 4 Jeeps and 3 boats	LS	Periyar Tiger Reserve	8.00
g	Procurement of compass, range finder, GPS, camera traps.	LS	LS	Periyar Tiger Reserve	2.00
h	Mtce. of various buildings related to protection	LS	LS	Periyar Tiger Reserve	8.00
	Sub Total				77.00
3	Habitat improvement and water development				
a	Vayal maintenance	155 Ha	6700/Ha	5 Ranges	10.50
b	Weed eradication (Lantana, Micheania)	370 Ha	28000/Ha		10.50
c	Grass improvement (pasture development) for Graziers EDC	10 Ha	0.10	Kokkara Bridge	1.00
	Sub Total				22.00
4	Addressing man-animal conflict (ensuring uniform, timely compensation for human deaths due to wild animals, livestock depredation by carnivores, crop depredation by wild ungulates)				
a	Payment of compensation for cattle lifting, death of human beings and crop depredation due to wild animals.	LS	LS	Periyar Tiger Reserve	1.50
	Sub Total				1.50
5	Co-existence agenda in buffer / fringe areas (landscape approach/sectoral integration/ecologically sustainable development programme/ livelihood options/eco-tourism)				
a	Providing ecologically viable livelihood options to local stakeholders for reducing their dependency on forests (EDCs)-Thelli Collectors EDC	Constitution of EDC of Thelli smugglers	1 No.	Tamil Nadu	10.00
b	Health camp to domestic cattles	2 nos	LS	Thekkady, Vallakkadavu	1.00
c	Preservation of Sabarimala Poonkavanam	Trekpaths, causeway at Cherianavatto, improvement to roads, publicity & awareness	LS	Sabarimala, Azhutha and Pamba	6.00
	Sub Total				17.00
6	Rehabilitation / resettlement of denotified tribes / communities involved in traditional hunting				
a	Pacakage for Malam pandaram	LS	1 No.	Vallakkadavu	2.00
	Sub Total				2.00
7	Research, providing equipments (Camera traps, GPS etc), computer softwares, All India estimation of Tiger/Co-predators / Prey Animals, habitat monitoring and evaluation				
a	Radio collar for Elephant 2 nos.	2 No.	0.50	Periyar Tiger Reserve	1.00
	Sub Total				1.00
8	Staff development and capacity building				
a	Capacity building / training of frontline staff	2 Nos.	0.50	Thekkady	1.00
c	Specialized training in the use of GIS, antipoaching operations.	2 Nos	LS	Thekkady	0.50
g	Specialized training in	2 Nos	LS	Thekkady	0.25

	management planning.				
i	Education & awareness -Printing brochures, Educational Materials, Nature Camp, Books, Lap Top etc.	LS	LS	Thekkady	2.00
	Sub Total				3.75
9	Mainstreaming livelihood and wildlife concerns in forests outside tiger reserves and fostering corridor conservation through restorative strategy involving locals to arrest fragmentation of habitats				
a	Capturing problematic / aberrant wild animals.	LS	LS	Periyar Tiger Reserve	1.00
b	Monitoring of Tiger with capture, recapture method	2900 MM		Periyar Tiger Reserve	2.00
	Sub Total				3.00
10	Safeguards / Retrofitting measures in the interest of wildlife conservation				
a	Safety measures for roads(Sign boards)	LS	LS	Vallakkadavu-Moozhiyar Rd.	1.00
b	Vistaline clearance	140 Ha	3500/ Ha	Periyar Tiger Reserve	5.00
	Sub Total				6.00
11	Spill Over Works				
A	Habitat Improvement				
1	Supply of Ration in to Interior camps			DD(W)	1.00
B	Maintenance				
1	Maintenance of vehicles and boats			DD(W)	0.50
	Sub Total				1.50
	Total Recurring				157.75
	TOTAL (NON-RECURRING+RECURRING)				307.85

S.No.	Item	Sanctioned	Central Assistance
1	Recurring (50 %)	150.10	75.05
2	Non-Recurring (100%)	157.75	157.75
	Total	307.85	232.80

- (i) Total sanction : Rs. 307.85 lakhs
(ii) Central assistance : Rs. 232.80 lakhs
(iii) Ist release : Rs. 180.00 lakhs
(iv) Adjustment of unutilized amount of 2008-09 : Rs. 28.20 Lakhs
(v) **Amount being released as Ist Installment : Rs. 151.80 lakhs**
(Rs. 180.00 lak hs-Rs.28.20 lakhs)

*** Ecodevelopment initiatives should be based on normative guidelines of the National Tiger Conservation Authority, Ministry of Environment and Forests, Govt. of India issued earlier based on village level, site specific, participatory micro plan with reciprocal commitment between the tiger reserve and the local people**