

No. 4-1(46)/2018-PT
Government of India
Ministry of Environment, Forest and Climate Change
Project Tiger Division

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Dated the 27th August, 2018

To,

The Pay & Accounts Officer,
Ministry of Environment, Forest and Climate Change,
New Delhi.

Sub: **Centrally Sponsored Plan Scheme 'Project Tiger' Administrative Approval for funds release to Bor Tiger Reserve, Maharashtra during 2018-19 –reg.**

Sir,

I am directed to convey the administrative approval of the competent authority to the continuance of the Scheme 'Project Tiger' in Bor Tiger Reserve, Maharashtra at the cost of **Rs. 717.28 Lakhs (Rupees Seven hundred Seventeen lakhs Twenty Eight thousand only)** as per details given in the table at Annexure. Of the total cost of the Scheme, **Rs. 484.75 Lakhs (Rupees Four hundred Eighty Four lakhs Seventy Five thousand only)** being the recurring cost of the scheme will be shared on 50:50 basis by the **Government of India and Government of Maharashtra**. The remaining cost of the scheme will be treated as 60% Central Assistance by the Government of India and 40% assistance by the State Government of Maharashtra.

2. I am also directed to convey the sanction of the President to the payment and release of an amount of **Rs. 305.512 lakhs (Rupees Three hundred Five lakhs Fifty One thousand Two hundred only)** as the 1st installment of Central Share towards the Grants-in-aid to Government of Maharashtra during the current financial year 2018-19. 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 2017, 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 **Bor 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 230(12)(I).
- (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 Maharashtra** 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 **Bor 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 Utilization Certificate against the earlier funds released under Grants-in-aid have been received and accepted by the competent authority.
 - (ix) Government of Maharashtra in respect of **Bor Tiger Reserve** may furnish their performance-cum-achievement report on or before 31.3.2019.
 - (x) **Bor 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.
 - (xi) Grants-in-aid to **Government of Maharashtra** is subject to the Economy Instructions issued from time to time by the Ministry of Finance or by the Competent Authority.
 - (xii) Grants-in-aid shall be utilized before the end of the current financial year 2018-19 and unspent balance, if any, will be refunded by **Government of Maharashtra** to the **Govt. of India**.
 - (xiii) Government of Maharashtra in respect of **Bor Tiger Reserve** will maintain a separate account and will present their annual accounts in the standard format as required under GFR 230(5).
 - (xiv) Grants-in-aid shall be utilized for **Bor Tiger Reserve** strictly as per the Memorandum of Understanding (MOU) between the Ministry of Environment, Forests and Climate Change, acting through the National Tiger Conservation Authority, Field Director (**Bor Tiger Reserve**) and **Government of Maharashtra**.
 - (xv) Monitorable outcomes on the item of works contained in the sanction letter both in physical and financial terms are required to be furnished in the monthly report regularly. Compliance status on Tripartite Memorandum of Understanding is required before submission of additional or ensuing year's Annual Plan of Operation (APO).
 - (xvi) The expenditure should be limited to the amount released and in no case should be done in anticipation of further release by the Ministry.
 - (xvii) **The payments of daily wagers should be done through account transfer / account payee Cheques only duly linked with Aadhar Number.**
 - (xviii) It may please be ensured that there is no duplication of nature and items of work being proposed in the same area under the Centrally Sponsored Scheme of Project Tiger and other Centrally Sponsored Schemes such as Project Elephant, Eco-development and IDWH Schemes etc.
 - (xix) The cost estimates worked out by the Field Director should be based on approved schedule of rates of the State Government, with due approval of the competent authority.
 - (xx) Approval of the competent authority be obtained and acceptance of UC may be ensured by PD.
 - (xxi) The expenditure is incurred as per the allocation of funds.
 - (xxii) Payments are made by bank transfer and no cash payment is to be made.
 - (xxiii) GFR is followed by implementing agency alongwith the economic instructions issued by Government of India from time to time.



- (xxiv) Satellite photo with date and latitude and longitude nodes after completion of work depicting the work carried out before and after the work.
- (xxv) Evidence of deposit of TDS/Service Tax in case of contract payment and CST in case of leviable goods are sent along with UC.
- (xxvi) In case of employment through contract, copy of PF & ESI contributions of employees shall be obtained wherever applicable.
- (xxvii) All measurable outcome of this grant must be mentioned in the sanction order and UC is to be submitted as prescribed in GFR 2017 – Form GFR 12-C.
- (xxviii) If the implementing agency does not use the fund for the purpose for which it was given, it has to refund the same with interest.
- (xxix) There should not be any overlapping of activities under the projects with the activities of ongoing schemes under CSS/CS/State Government Scheme.
- (xxx) The sanction order must mention measurable physical parameters and all measurable parameters are to be adhered to.
- (xxxi) The fixed asset created out of this grant shall not be disposed off without concurrence of this Ministry.
- (xxxii) A separate bank account shall be opened for the purpose and the account shall be open for audit by Central Government or C&AG.
- (xxxiii) All guidelines under the project is to be followed scrupulously.
- (xxxiv) The UC with physical progress report and satellite photo with physical deliverable with date and latitude – longitude coordinates before and after completion of work be obtained of each tiger reserve and uploaded on the website of the implementing agency as well as the Ministry for public access.
- (xxxv) The measurable outcome under the project (quantified) in terms of number of tigers in tiger reserve, eco-tourism in tiger reserve, %age decrease in man-animal conflict etc., may also be submitted in the progress report.
- (xxxvi) **All labour payments strictly by DBT and an evaluation report by a 3rd party before release of 2nd installment.**


4. As the annual budget of the Scheme is approved by the Central Government, the Government of Maharashtra 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 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 of National Tiger Conservation Authority should 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 Tiger Conservation 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 Maharashtra under intimation to this Department.



8. The expenditure incurred is adjustable to the Demand No. 27 (Ministry of Environment, Forest and Climate Change) under the following heads during the Financial Year 2018-19 :

Scheme	Budget Head	Amount (Rs. in lakhs)
Centrally Sponsored Scheme of Project Tiger	3601.06.101.02.01.31 (Gen)	282.602
Centrally Sponsored Scheme of Project Tiger	3601.06.789.02.01.31 (SCSP)	22.91
Total		305.512

9. This issues under the powers delegated to the Ministry and with the concurrence of Integrated Finance Division vide Dy. No. 110774/AS&FA (PG) dated 17.8.2018.

Yours faithfully,



(Raja Ram Singh)

Assistant Inspector General of Forests (PT)

Copy to:-

1. The Secretary (Forests), Govt. of Maharashtra. A copy of the detailed sanction letter issued by the State Government in respect of this scheme for 2018-19 may kindly be furnished to this Ministry immediately.
2. The Secretary (Finance), Govt. of Maharashtra.
3. The Principal Chief Conservator of Forests / Chief Wildlife Warden, Govt. of Maharashtra.
4. The Field Director, Bor Tiger Reserve, Maharashtra.
5. The Accountant General, Maharashtra.
6. The Director of Audit, Scientific Department, AGCR Building, IP Estate, New Delhi.
7. The IGF/AIGF, NTCA Regional Office, Nagpur.
8. Forest Finance Division, MoEF&CC, New Delhi.
9. Plan Finance Division (PF-II), Ministry of Finance, New Delhi.
10. Guard file/Spare copies.



(Raja Ram Singh)

Assistant Inspector General of Forests (PT)

BOR TIGER RESERVE, MAHARASHTRA
ANNUAL PLAN OF OPERATION 2018-19

Non-Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year			GPS	Justification	
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)			
Strengthening	Buffer Area: Construction of Toilets	16.2.1		0.0	2.00	2.000 Toilets precasted (ready) 50000.000 = 100000.000	50000.000	1.00	21.013675, 78.565886, 20.9652472, 78.580172	Essential for field staff performing their duty efficiently. (Wardha Div)
Strengthening	Buffer Area: Procurement of hardware, software, manpower, training, gps, etc.	16.2.11		1.2	2.00	2.000 Procurement of hardware 150000.000 = 300000.000	150000.000	3.00		Purchase PC, Photo copy machine, Scanner, inverter and GIS tools (Pandharkawada Division) For monitoring and tackling man - animal conflict situation
Mainstreaming wildlife concerns	Corridor Area: Mainstreaming wildlife concerns in tiger bearing forests and fostering corridor conservation:- Capturing problematic and aberrant wild animals	16.10.1.2		0.0	5.000	5 trap cages 80000= 400000	80000.000	4.00		For managing man-animal conflict in Pandarkhawada Division
Mainstreaming wildlife concerns	Corridor Area: Mainstreaming wildlife concerns in tiger bearing forests and fostering corridor conservation:- Habitat Improvement measures	16.10.1.4		0.0	1.000	Deepening of natural streams 3* 233333= 700000	700000.000	7.000	20.9368444, 78.735694, 21.0044444, 78.451111, 20.9733333, 78.484444	Nala rejuvenation to ensure water supply in summers
Staff	Buffer Area: Supply of mosquito net/ field kit	16.16		0.0	233.00	3.000 Drinking water facilities at protection camps/check naka by digging borewells /WATER purifier * 80000.000 = 240000.000 190.000 Medical kit/first aid box * 1000.000 = 190000.000 40.000 Field staff dress and equipments (sweaters, shoes, GPS, torches, mattresses) * 5000.000 = 200000.000	80000.000 1000.000 5000.000	6.30	21.0129083, 78.4350388, 20.9796833, 78.4694583, 21.0581361, 78.3505722	Drinking water facilities at protection camps/check naka for Forest Guard and Van Major (Wardha Division) essential for field staff performing their duty efficiently. (Wardha Div. - 50 nos., Nagpur Div. - 50 nos., Pandharkawada Div. - 90 nos.) essential for field staff performing their duty efficiently. (Wardha Div. - 20 nos., Nagpur Div. - 20 nos.)
Rehabilitation package	Buffer Area: Providing agricultural land with irrigation	16.6		0.0	1.00	1.000 Hand holding of relocated Navargaon village at Khadaki. 500000.000 = 500000.000	500000.000	5.00	20.8458617, 82486111	Essential after rehabilitation of the village for post relocation spill over works, livelihood training etc.

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Eco-Development	Buffer Area: Basic health care/ Health Camps for Staffs.	16.16		1.0	201.00	200 000 Providing livelihood training to youths in EDC / JFM villages * 20000.000 = 4000000.000 1.000 Establishing livelihood training facilities for young girls & women of EDC / JFM villages * 100000.000 = 100000.000	20000.000 100000.000	41.00	To reduce dependency on Bor Tiger Reserve and avoid man animal conflict. (Bor Tiger Reserve - Youth training for - 100 youths @20000/-) (Wardha Division - Youth training for - 100 youths @20000/-) To reduce dependency on Bor Tiger Reserve and avoid man animal conflict. (Bor Tiger Reserve - Young girls and Women training - 50000/-) (Wardha Division - Young girls and Women training - 50000/-)
Eco-Development	Buffer Area: To carry out prophylactic immunization of cattle in and around Tiger Reserve.	16.10		0.0	1.00	1.000 Prophylactic immunization of cattle * 200000.000 = 200000.000	200000.000	2.00	to control the dissemination of cattle borne diseases in wildlife. (Bor Tiger Reserve - 1.00) (Wardha Division - 1.00)
Anti-Poaching	Core Area: Organizing vehicular patrolling by constituting squads (Tiger Protection Force) comprising of field staff, laborers and police or SAF or ex-army personnel or home guards with wireless handset and paraphernalia for apprehending offenders, apart from prescribing a patrolling calendar for the squad.	16.1.4		16.0	42.00	1.000 Tiger Protection Squad lead by Forester, (ONE units each of 5 with local labourers and hired vehicles) (Wages For Labours, Hiring of Vehicles, Purchase of Material) * 1000000.00 = 1000000.00 1.000 Anti Electrocutation measures (Vehicles Supports (Hired) / POL) * 800000.000 = 800000.000 30.000 Anti Electrocutation measures (Clearing for Patrolling Path under electric line) * 10000.000 = 300000.000 10.000 Organizing vehicular patrolling by constituting squads (TPF) (Comprising of field staff, labouers with wireless handsets) to contact the other staff to avoid human tiger conflict and make it more real time * 60000.000 = 600000.000	1000000.000 800000.000 10000.000 800000.000	27.00	This is required for executng ground work in tiger reserve. There is no STPF in Bor Tiger Reserve and the area is very sensitive. 01 Units (05 labours x 12 m x 0.09 pm = 5.40)+ hiring of vehicle @ 2.60 + purchase of material @2.00) The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas) Bor Tiger Reserve - 400000/- Wardha Forest Division - 400000/- The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas) Bor Tiger Reserve - 20 km @10000/- Wardha Forest Division - 10 Km @ 10000/- This is required for executng ground work. (Pandharkawada Division)
Anti-Poaching	Core Area: Procurement of field gear, night vision device etc	16.1.15		0.0	119.00	119.000 Purchase of 55000 walkies - talkie sets * 15000.000 = 1785000.000 2.000 Procurement of night vision device * 55000.000 = 110000.000 7.000 Procurement of binoculars *	15000.000 15000	20.00	For effective communication (Wardha Division wardha-10, Hingni-15, Karanja-14, Arvi-05, Samudrapur-5, Kharangna-15) Since there is no electricity to operate the wireless base stations, walkie - talkies are needed to maintain basic working condition of tiger reserve. Protection camps are deep inside the forest. Hence this is the only mode

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						15000.000 105000.000	=				of communication. (Bor Tiger Reserve) Essential for field staff performing their duty efficiently. (Pandharkawada Division)
Strengthening	Core Area: Creation of earthen ponds.	16.2.7		3.0	20.00	20.000 Construction of earthen bunds / water retention structure / deeping of nallah etc. to increase water availability in waterholes *	=	25000.000	5.00	20.967583378.74 48333 20.967583378.74 54444 20.967444478.74 61666 20.96716678.747 194 20.9671111 78.748027	For ensuring water availability inside forest (protected area- Bor Tiger Reserve) in summers and to avoid man animal conflict. Also helps in improving water table.
Strengthening	Core Area: Creation of fire watch tower, etc.	16.2.4		4.0	2.00	2.000 Construction of Fire Watchtower in forest area *	=	500000.000	10.00	20.983333378.73 63888 20.967444478.67 81111	For controlling the fire activities in Bor tiger reserve.
Strengthening	Core Area: Establishing Monitoring system for Tigers Intensive protection and Ecological Status (M-Stripes) monitoring.	16.2.14		0.0	63.00	55.000 Implementation of M-STRIPES (Equipments - PDA, Compass etc * 8827.000 = 485485.000 1.000 Implementation of M-STRIPES (Field expences- material cost for PIP, Transects, pH paper etc) * 175000.000 = 175000.000 3.000 Implementation of M-STRIPES (Purchase of Computer) * 80000.000 = 180000.000 1.000 M-STRIPES Booklet Printing * 125000.000 = 125000.000 3.000 Implementation of M-STRIPES (Remuneration to Computer Operator) * 144000.000 = 432000.000	=	8827.000 175000.000 60000.000 125000.000 144000.000	13.97		Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve MSTRIPES is planned to be implemented from 2016-17. Bor Tiger Reserve - 25 nos. Wardha Forest Division - 30 Nos. Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve MSTRIPES is planned to be implemented from 2016-17. Bor Tiger Reserve - 100000/- Wardha Forest Division - 75000/- Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve MSTRIPES is planned to be implemented from 2016-17. Bor Tiger Reserve - 1 No. computer Wardha Forest Division - 2 Nos. Computer Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve MSTRIPES is planned to be implemented from 2016-17. Bor Tiger Reserve - 100000/- Wardha Forest Division - 25000/- Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve MSTRIPES is planned to be implemented from 2016-17. Bor Tiger Reserve - 2 person @ 12000/- pm and For Monitoring Cell in Pandharkawada Forest Division - 1 person @ 12000/- pm. Effective foot patrolling for identifying & preventing any illegal activity inside Bor tiger reserve MSTRIPES is planned to be implemented from 2016-17. (Wardha Forest Division)
Addressing man animal conflict	Core Area: Creation of crop protection structures. (Solar Fence, Chain-Link Fence, Nylonforce)	16.4.1.2		0.0	52.00	50.000 Anti Electrocutation measures (Low cost Solar Fencing) *	=	15000.000 500000.000	17.50	20.950133378.67 85055	The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas) Wardha Forest Division - 50 beneficiary @ 15000/-) pilot basis project For mitigation of man -animal

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						50000.000 = 100000.000				conflict (Wardha Forest Division)
Addressing man animal conflict	Core Area: Procurement of cages to catch problematic animals.	16.4.1.3		0.0	3.00	3.000 cages and rescue material * 80000.000 = 240000.000	80000.000	2.40		Cages and rescue material to catch problematic animals (Wardha Forest Division)
Research and field equipment	Core Area: Day to day monitoring of wild animals	16.7		0.0	3.00	1.000 Appointment of Researcher (JRF / SRF) * 360000.000 = 360000.000 1.000 Maintenance of Camera Traps(batteries, SD card etc) * 1300000.00 = 1300000.00	360000.000 1300000.000	16.60		For animal translocation, biodiversity status survey, Appraisal of Eco-development activity, studies of tiger dispersal etc. is essential for this new tiger reserve. Needed for Phase - IV, Research projects etc. (1 person x 12 month @ 30000/- p.m.) To implement Phase IV monitoring as per NTCA norms. Bor Tiger Reserve - 700000/- Wardha Forest Division - 300000/- Nagpur Forest Division - 300000/-
Staff Development	Core Area: Dissemination workshops.	16.8.6		0.0	20.00	2.000 Anti Electrocutation measures (Training and Sensitization against Electrocutation * 50000.000 = 100000.000 2.000 Organizing workshops for sensitizing local villagers around Core area * 50000.000 = 100000.000 4.000 Organising workshops for sensitizing local villagers, students and stakeholders in buffer area * 50000.000 = 200000.000	50000.000 50000.000 50000.000	4.00		The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas) Bor Tiger Reserve - 2 workshops x 50000/- Wardha Forest Division - 4 workshops x 50000/- For creating social fencing, sensitization of local villagers in buffer areas of Bor Tiger Reserve is needed. Organized general and special workshops for creating social fencing, sensitisation of local villagers for livelihood aspects and ecodevelopment in buffer areas of Bor Tiger Reserve is needed on Man-Animal conflicts. (Wardha Div. - 4 workshop, Nagpur Division - 1 Workshop and Pandharkawada Division - 5 workshop)
Staff Development	Core Area: Providing project allowance and special incentives. Provision of Project Allowance to staff (all categories) of Project Tiger (providing project allowance to Ministerial staff is a new component) (non recurring). Separate for all categories. See from guide lines	16.8.2		0.0	213.00	1.000 Project Allowance for ACF * 15600.000 = 15600.000 3.000 Project Allowance for RFO * 12000.000 = 36000.000 20.000 Project Allowance for Forester * 10800.000 = 216000.000 74.000 Project Allowance for Forest Guard * 8400.000 = 621600.000 35.000 Project Allowance for Forest Labour (Van Major) * 4800.000 = 172800.000 5.000 Project Allowance for Ministerial Staff Class - III * 8400.000 = 42000.000 1.000 Project Allowance for DFO * 18000.000	15600.000 12000.000 10800.000 8400.000 8400.000 18000.000 15600.000 12000.000 10800.000 8400.000 4800.000 216000.000 8400.000 4800.000 621600.000 172800.000 42000.000 4800.000 18000.000	16.84		Since they are working in tiger reserve the project allowance is as per norms by NTCA. Wardha Division - ACF (1300x1x12) Since they are working in tiger reserve the project allowance is as per norms by NTCA. Wardha Division - RFO (1000x2x12) Nagpur Division - RFO (1000x1x12) Since they are working in tiger reserve the project allowance is as per norms by NTCA. Wardha Division - Forester (900 x 14 x 12) Nagpur Division - Forester (900 x 6 x 12) Since they are working in tiger reserve the project allowance is as per norms by NTCA. Wardha Division - Forest Guard (700 x 55 x 12) Nagpur Division - Forest Guard (700 x 19 x 12) Since they are working in tiger reserve the project allowance is as per norms by NTCA. Wardha Division - Forest Labour (Van Major) (400 x 9 x 12) Nagpur Division - Forest Labour (Van Major) (400 x 27x 12)

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						<p>= 18000.000 1.000 Project Allowance for ACF * 15600.000 = 15600.000 2.000 Project Allowance for RFO * 12000.000 = 24000.000 4.000 Project Allowance for Forester * 10800.000 = 43200.000 36.000 Project Allowance for Forest Guard * 8400.000 = 302400.000 20.000 Project Allowance for Forest Labour (Van Major) * 4800.000 = 96000.000 9.000 Project Allowance for Ministerial Staff Class - III * 8400.000 = 75600.000 1.000 Project Allowance for Ministerial Staff Class - IV * 4800.000 = 4800.000</p>			<p>Since they are working in tiger reserve the project allowance is as per norms by NTCA. Wardha Division - Ministerial Staff Class - III (700 x 4 x 12) Nagpur Division - Ministerial Staff Class - III (700 x 1 x 12) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (01 DFO x 12 m. x 1500/- pm) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (01 ACF x 12 m. x 1300/- pm). Since they are working in tiger reserve the project allowance is as per norms by NTCA. (02 RFO x 12 m. x 1000/- pm). Since they are working in tiger reserve the project allowance is as per norms by NTCA. (04 Forester x 12 m. x 900/- pm). Since they are working in tiger reserve the project allowance is as per norms by NTCA. (36 Forest Guard x 12 m. x 700/- pm) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (20 Forest Labour (Van Major) x 12 m. x 400/- pm) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (Ministerial Staff Class - III - 1- A/C, 6- Clerk, Driver - 2) 09 x 12 m. x 700/- pm) Since they are working in tiger reserve the project allowance is as per norms by NTCA. (Ministerial Staff Class - IV - 01(1- Peon) x 12 m. x 400/- pm)</p>
Staff welfare	Core Area: Provision for ration allowance to field staff	16.16 16.15	0.0	60.00	<p>4.000 Ration allowance for Forester * 10320.000 = 41280.000 36.000 Ration allowance for Forest Guard * 10320.000 = 371520.000 20.000 Ration allowance for Forest Labour (Van Major) * 10320.000 = 206400.000</p>	10320.000 10320.000 10320.000	6.19	<p>As per tiger reserve norms, current year amount needs to be disbursed. (04 Forester x 12 m x 860/- p.m.) As per tiger reserve norms, current year amount needs to be disbursed. (36 Forest Guard x 12 m x 860/- p.m.) As per tiger reserve norms, current year amount needs to be disbursed. (20 Forest Labour (Van Major) x 12 m x 860/- p.m.)</p>	
Staff welfare	Core Area: Supply of medicine	16.16	0.0	51.00	<p>50.000 Medical kit/first aid box * 1000.000 = 50000.000 1.000 Health care medicines * 50000.000 = 50000.000</p>	1000.000 50000.000	1.00	<p>essential for field staff performing their duty efficiently. (Bor Tiger Reserve) essential for field staff performing their duty efficiently. (Wardha Forest Division)</p>	
Staff welfare	Core Area: Supply of torch/ batteries	16.16	0.0	139.00	<p>7.000 Strengthening wireless infrastructure (Batteries for base stations) * 15000.000 = 105000.000 30.000 Supply of Solar lights * 15000.000 =</p>	15000.000 15000.000 1000.000 9000.000	6.73	<p>Since there is no electricity to operate the wireless base stations, walkie - talkies are needed to maintain basic working condition of tiger reserve. Protection camps are deep inside the forest. Hence this is the only mode of communication. (Bor Tiger Reserve) essential for field staff</p>	

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						450000.000 100.000 Procurement of torches (LED) * 1000.000 = 100000.000 2.000 Supply of High power torch * 9000.000 = 18000.000				performing their duty efficiently. (Wardha Div. - 15 nos., Nagpur Div. - 15 nos.) essential for field staff performing their duty efficiently. (Pandharkawada Division) essential for field staff performing their duty efficiently. (Pandharkawada Division)
Fostering Tourism	Core Area: Activities for reducing human tiger interface conflict	16.17		0.0	1.00	1.000 Livelihood activities and training, Activities to reduce human - tiger interface conflict * 1200000.00 = 1200000.00	1200000.000	12.00		Awareness programme: workshop & livelihood training for reduce human - tiger interface conflict and reducing the dependency on forest. (Pandharkawada Division)
Fostering Tourism	Core Area: Wildlife Conservation Awareness	16.17		0.0	1.00	1.000 (Posters, Banners and Printing) * 400000.000 = 400000.000	400000.000	4.00		The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas) Bor Tiger Reserve - 200000/- Wardha Forest Division - 200000/-
	Total (Non-Recurring):							232.53		

Recurring (Core + Buffer)

(Rs. in lakhs)

Activity	Item	Para No. CSS PT Guidelines	Para No. TCP	Amount released PFY	Current Financial Year				GPS	Justification
					No. of Items (Physical Target)	Sub-item Details	Unit Price (Rs.)	Total (Financial Target)		
Anti-Poaching	Buffer Area: Maintenance of wireless network.	16.2.3		0.0	29.00	28.000 batteries for base station * 10000.000 = 280000.000 1.000 maintenance of Wireless infrastructure * 250000.000 = 250000.000	10000.000 250000.000	5.30		For effective communication (Wardha Division wardha-2, Hingni-5, Karanja-3, Arvi-05, Samudrapur-5, Kharangna-8) For effective communication (Wardha Division)
Anti-Poaching	Buffer Area: Deployment of local work force for patrolling, surveillance of water holes, manning barriers.	16.1.9		0.0	54.00	4.000 Wages for wireless operator 2 Stations 2 person each @ 9230/- per month * 110760.000 = 443040.000 24.000 Wages for check Naka labours * 110760.000 = 2658240.000 6.000 Wages for driver of vehicle * 115560.000 = 693360.000 20.000 Deployment of local people to ensure 24x7 patrolling to avoid human tiger conflict and poaching as its not protected area. * 110760.000 = 2215200.000	110760.000 110760.000 115560.000 110760.000	60.10	20.745566, 70.611005 21.035385, 78.230063 21.057455678.5160666 20.8927167 78.560625 21.1387556 78.498377 20.915015678.8216691	For effective communication. Wardha Forest Division (2 control room X2 person X12 @ 9230/- pm) Basic requirement for protection (Wardha Division - 3 check naka x 3 person and Nagpur Division 1 check naka x 3 person) These vehicles are used in protection and monitoring and their regular maintenance is essential (Wardha Division - 4 driver x 12 m x 9630/- pm and Nagpur Division 2 driver x 12 m x 9630/- pm) This is required for highly affected human - tiger conflict area for executing ground work. (Pandharkawada Division)
Strengthening	Buffer Area: Maintenance of (staff quarters, family hostels, office improvement, house keeping buildings, museum).	16.2.1		0.0	1.00	1.000 Maintenance of residential and other administrative building * 250000.000 = 250000.000	250000.000	2.50		Basic requirement for protection and communication inside tiger reserve.

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Strengthening	Buffer Area: Maintenance of Forest Guard Quarters.	16.2.1		0.0	3.00	3.000 TYPE I Forest Guard quarter repair * 200000.000 = 600000.000	200000.000	6.00	20.993611178.3945111 20.911763978.7144444 20.975516778.5600138	For Field staff (Wardha Forest Division)
Strengthening	Buffer Area: Maintenance of Foresters Quarters	16.2.1		0.0	1.00	1.000 TYPE II Foresters Quarters repair * 290000.000 = 290000.000	290000.000	2.90	20.911758378.71455	For Field staff (Wardha Forest Division)
Strengthening	Buffer Area: Maintenance of road network.	16.2.2		0.0	75.00	75.000 Maintenance of Murrum Road * 10000.000 = 750000.000	10000.000	7.50	20.973333378.4855555 20.973333378.4844444	For regular and effective patrolling for protection (Wardha Forest Division) 1) Tulana-Ajandoh 10 km 2) samudrapur - 9km 3) sindivihiri to Dhanoli , Dhanoli to Rahati , Meth to Kurha, Rahali to Joga-20 km 4) Panzra bangla to Wardhamneri- 16 km 5) KHARANGNA-Ssusund 7.5 km, saheli 2.5 km, sb.gondi 10 km
Strengthening	Buffer Area: Maintenance of vehicles (Gypsy, Jeep, Truck, Tractor, staff car etc.).	16.2.8		0.0	18.00	8.000 Maintenance of vehicles (Diesel Vehicles Repair) * 75000.000 = 600000.000 2.000 Maintenance of vehicles (Motorcycles) * 20000.000 = 40000.000 8.000 Maintenance of vehicles (Diesel Vehicles (Fuel)) * 125000.000 = 1000000.000	75000.000 20000.000 125000.000	16.40		These vehicles are used in protection and monitoring and their regular maintenance is essential (Wardha div. i) Diesel Vehicles - 4 (Repair) - Rs. 300000/- Pandharkawada div. i) Diesel Vehicles - 2 (Repair) - Rs. 150000/- Nagpur div. i) Diesel Vehicles - 2 (Repair) - Rs. 150000/- These vehicles are used in protection and monitoring and their regular maintenance is essential (Wardha div.- Motorcycles - 2 x 20000/- = 40000/-) These vehicles are used in protection and monitoring and their regular maintenance is essential Wardha div. - Diesel Vehicles - 4 (Fuel) = 500000/- Pandharkawada div. - Diesel Vehicles - 2 (Fuel) = 250000/- Nagpur div. - Diesel Vehicles - 2 (Fuel) = 250000/-
Strengthening	Buffer Area: Procurement of compass, range finder, Global Positioning System (GPS), camera traps.	16.2.11		0.0	450.00	410.000 Purchase of Camera Traps, batteries and memory card for monitoring of the tigers * 22000.000 = 9020000.000 20.000 Purchase of Range finder * 16000.000 = 320000.000 20.000 Purchase of Compass * 2000.000 = 40000.000	22000.000 16000.000 2000.000	93.80		To implement Phase IV monitoring as per NTCA norms. Bor Tiger Reserve - 300 Nos. Wardha Div. - 30 nos., Nagpur Div. - 30 nos., Pandharkawada Division - 50 nos. essential for field staff performing their duty efficiently. (Pandharkawada Division) essential for field staff performing their duty efficiently. (Pandharkawada Division)
Habitat Improvement	Buffer Area: Lantana / Weed / Brush Wood mapping	16.3		0.0	1.00	1.000 Weed Eradication * 5999500.000 = 5999500.000	5999500.000	60.00	21.039444478.763888 21.018130678.536088 21.000997278.5719444 21.017641778.6555555 20.91975, 78.7383888 20.116929778.5334794 20.116883378.5335425 20.116929778.5335813 20.133355, 78.5334008 20.116930678.5335333 20.243611178.5019444 20.312777878.5077777 20.290277878.5069444 20.278611178.5230555 20.268611178.5747222	The recent human - tiger conflict management who found difficult due to large track of lantana thickness. Needed to remove for opening up of the area for visibility and safety. For Developing grasslands and Medows for herbivores. Wardha Divison - 345 ha. x 20 md x 355/- = 24495000/- Pandharkawada Division - 100 ha. x 20 md x 355/- = 7100000/- FDCM

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								20.263886978.5905555 20.251111178.585	Pandharkawada - 400 ha. x 20 md x 355/- = 2840000/-	
Anti-Poaching	Core Area: Deployment of anti-poaching squads.	16.1.2		0.0	8.00	8.000 Anti-grazing squad for Amgaon and Aadegaon beat where heavy incidences of illegal grazing exists(01 June to 31 January) * 64610.000 = 516880.000	64610.000	5.17		For controlling the illegal grazing activities in Bor tiger reserve.
Anti-Poaching	Core Area: Deployment of camp labourers for patrolling.	16.1.3		0.0	25.00	15.000 Wages of Anti-poaching camp labour 110760.000 = 1661400.000 6.000 Wages for wireless operator 2 Stations 3 person each@ 9230/- per month 110760.000 = 664560.000 4.000 Wages for driver of vehicle * 115560.000 = 462240.000	110760.000 110760.000 115560.000	27.88	20.960194478.7213055 20.968333378.7738333 20.998166778.6400833 20.946147278.75155 20.965216778.6478555 20.956833378.7079166 20.95645, 78.7077444	Basic requirement for protection and communication inside Bor tiger reserve. (5 APCs X 3 Persons X 12 x 9230/- p.m.) Basic requirement for protection and communication inside Bor tiger reserve. (2 control room X 3 person X 12 x 9230/- p.m.) These vehicles are used in protection and monitoring very few regular staff available (4 drivers X 12 m. @ 9630/- for 02 nos. Jeep /02 nos. tractor)
Anti-Poaching	Core Area: Legal support for defending court cases.	16.1.13		0.0	2.00	1.000 Legal support for defending court cases. 100000.000 = 100000.000 1.000 Legal support for defending court cases. * 40000.000 = 40000.000	100000.000 40000.000	1.40		For handling Forest Offence cases (Bor Tiger Reserve - 100000/-) For handling Forest Offence cases (Wardha Forest Division - 40000/-)
Anti-Poaching	Core Area: Maintenance of vehicles, boats	16.1.14		0.0	8.00	4.000 Maintenance / repair / vehicles /Fuel for diesel vehicle * 80000.000 = 320000 4.000 Maintenance / repair / vehicles /Fuel for Motorcycles * 15000.000 = 60000	80000.000 15000.000	3.80		Vehicle maintenance need for all vehicle (BorTiger Reserve - 4 vehicles x 80000/-) Vehicle maintenance need for all vehicle (Bor Tiger Reserve - 4 Motorcycles x 15000/-)
Anti-Poaching	Core Area: Maintenance of existing patrolling camps/chowkis and deployment of camp labourers for patrolling.	16.1.3		0.0	12.00	12.000 Wages for check Naka labours * 110760.000 = 1329120.000	110760.000	13.29	20.974055678.7844722 20.956361178.687444 20.930022278.7487638 20.951825, 78.6142666	Basic requirement for protection and communication inside Bor tiger reserve.
Anti-Poaching	Core Area: Rewards to informers.	16.1.12		0.0	1.00	1.000 Anti Electrocutation measures (Awards Rewards) 110000.000 = 110000.000	110000.000	1.10		The entire landscape is prone to serious threat of deaths due to electrocution. Needs concentrated efforts to tackle the problem. (For core and nearby areas) Bor Tiger Reserve - 50000/- Wardha Forest Division - 50000/- Pandharkawada Division - 10000/-
Strengthening	Core Area: Maintenance of fire lines and firebreaks.	16.2.6		0.0	134.00	1.000 Maintenance of A Class fire lines * 557350.000 = 13845.000 557350.000 = 23075.000 1.000 Maintenance of B Class fire lines * 836380.000 = 13845.000 836380.000 = 23075.000 25.000 Engagement of firewatchers for 1.5 month (15/02/2018 to 31/03/2018) * 13845.000 = 346125.000 25.000 Engagement of	557350.000 836380.000 13845.000 23075.000 674500.000 13845.000 23075.000	51.93	20.967616778.5773 20.982936178.5947527 20.953052878.613358 20.997805678.6539166 20.963472278.736305 20.97511178.7347777 20.949255678.5978583 20.984638978.5749027 20.963761178.5986333 20.956589478.5958333 20.971913978.6206555 20.999205678.608216 20.997916778.7160277 20.9804722 78.629083 20.941388978.8177777 20.53094, 78.51116 20.97611178.735277	Linear forest management work for preventing forest fires undertaken every year. (Bor tiger Reserve) (87.20 Km @18 m.days/km, total: 1570 m.day x 355/- per day) Linear forest management work for preventing forest fires undertaken every year. (Bor tiger Reserve) (235.60 Km @10 m.days/km, total = 2356 m.day x 355 per day)

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						firewatchers for 2.5 month (01/04/2019 to 15/06/2019) * 23075.000 = 576875.000 1.000 Maintenance of A Class fire lines *1725300.000 = 1725300.000 1.000 Maintenance of B Class fire lines *674500.000 = 674500.000 40.000 Engagement of firewatchers for 1.5 month (15/02/2018 to 31/03/2018) * 13845.000 = 553800.000 40.000 Engagement of firewatchers for 2.5 month (01/04/2019 to 15/06/2019) * 23075.000 = 923000.000			21.007777878.4719444 21.008333378.4766666 21.0169.78.650625 21.017997278.675833 21.069166778.6872222 20.97055678.7691666 21.069166778.6872222	Basic requirement for protection and communication inside Bor tiger reserve. Basic requirement for protection and communication inside Bor tiger reserve. Linear forest management work for preventing forest fires undertaken every year. (Wardha Division - A class 180 km x 18 m.d = 3240 md x 355/- = 1150200/-) Nagpur Division - A class - 90 kmx 18 m.d = 1620 md x 355/- = 575100/-) Linear forest management work for preventing forest fires undertaken every year. (Wardha Division - B Class - 95 KM x 10 m.d = 950 m.d x 355/- = 337250/-) Nagpur Division - B Class - 95 KM x 10 m.d = 950 m.d x 355/- = 337250/-) Necessary for fire detection and control in buffer area during fire season (Wardha division - 20 x 1.5 months x 9230/-) (Nagpur division - 20 x 1.5 months x 9230/-) Necessary for fire detection and control in buffer area during fire season (Wardha division - 20 x 2.5 months x 9230/-) (Nagpur division - 20 x 2.5 months x 9230/-)
Strengthening	Core Area: 16.2.1 Maintenance of Forest Guard Quarters.		0.0	1.00	1.000 Maintenance of residential and other administrative building * 1000000.000 = 1000000.000	1000000.00	10.00	20.9517778 78.5703472 21.0096917 78.5988972	Routine maintenance works of office / staff quarters.	
Strengthening	Core Area: 16.2.2 Maintenance of kuccha roads		0.0	104.00	104.000 Maintenance of Murrum Road * 10000.000 = 1040000.000	10000.000	10.40	21.00528, 78.6315 21.00553, 78.5984 21.008047, 78.595697 21.0088289 78.596281 21.003934, 78.591197 21.00191, 78.59312 21.012203, 78.585228	Needed for regular and seamless patrolling and for prevention of any illegal activities in core area.(Bor Tiger Reserve)	
Strengthening	Core Area: 16.2.1 Maintenance of Range Office		0.0	2.00	2.000 Maintenance of 2 Range Office * 50000.000 = 100000.000	50000.000	1.00	20.9565278 78.70775 20.9569444 78.708138	Basic requirement for protection and communication inside Bor tiger reserve. (RFO New Bor and RFO Bor Office)	
Strengthening	Core Area: 16.2.2 Maintenance of road network.		0.0	115.00	115.000 Maintenance of Earthen Road * 7000.000 = 805000.000	7000.000	8.05	21.01372, 78.58084 21.010345, 78.583742 20.99654, 78.59439 21.01274, 78.59731 21.000961178.598295 21.01125, 78.60432	Needed for regular and seamless patrolling and for prevention of any illegal activities in core area.(Bor Tiger Reserve)	
Staff Development	Core Area: 16.8.1 Capacity building and training.		0.0	13.00	1.000 Weapon training of all field staff of Core area of Bor tiger reserve. * 100000.000 = 100000.000 4.000 Training of all Beat Guards of Bor Tiger Reserve in (a) Protection monitoring and legal aspect (b) GPS/PDA/ Camera trap * 50000.000 = 200000.000 4.000 Weapon	100000.000 50000.000 50000.000	7.00		Staff capacity building activities. (For Phase - IV, M-STIPES, Eco - development) Staff capacity building activities. (Bor Tiger Reserve) Staff capacity building activities. (For Phase - IV, M-STIPES, Eco - development) (Nagpur and Wardha Division) Staff capacity building	

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						training of all field staff of Buffer area *50000.000 = 200000.000 4.000 workshop on legal aspects and NTCA SOP. *50000.000 = 200000.000				activities. (For Phase - IV, M-STRIPES, Eco-development) (Nagpur and Wardha Division)
Staff Development	Core Area: Specialized training in jurisprudence and wildlife forensics.	16.8.4		0.0	2.00	2.000 Specialized training in Jurisprudence wildlife forensics *50000.000 = 100000.000	50000.000	1.00		Training of field staff (Pandharkawada Division)
Habitat Improvement	Core Area: Removal of gregarious plant growth from grasslands	16.3		0.0	2.00	1.000 Second year weeding for establishment of Grass Land in Navargaon Rehabilitation village. * 1065000.000 = 1065000.000 1.000 Bor Dam side local grass species planting * 177500.000 = 177500.000	1065000.00 177500.000	12.43	21.009666778.5954444 21.010972278.5999166 21.00875, 78.594722 20.97075, 78.682444 20.974916778.686444 20.975472278.693305	For developing grass land for herbivores for habitat improvement in rehabilitated area.(200 ha. X 15 m.d. per ha X 355 per day). For ameliorating the degradation of grassland due to over grassing, over use to check soil erosion (50 ha. X 10 m.d. per ha. X 355 per day)
Habitat Improvement	Core Area: Water retention structures	16.3		0.0	101.00	30.000 Providing water by tanker to existing artificial waterhole on summer * 25000.000 = 750000.000 40.000 Maintenance of existing water holes * 15000.000 = 600000.000 1.000 Rejuvenation of Nallas (like deeping, dry rubble bund, gabion dam etc.) * 2000000.000 = 2000000.000 21.000 Maintenance of existing water holes * 10000.000 = 210000.000 9.000 creation of new water holes * 30000.000 = 270000.000	25000.000 15000.000 2000000.00 10000.000 30000.000	38.30	20.986388978.5762583 20.965, 78.6541666 20.9673611 78.623888 20.970555678.622499 20.9335, 78.7545 20.9746389, 78.664 20.9750278, 78.650305 20.977, 78.6688055 20.98475, 78.654361 20.96939, 78.7724 20.96668, 78.7799 20.98206, 78.6101 20.96819, 78.6003 20.99589, 78.6179 20.9388611 78.753138 20.957333378.5993333 20.97925, 78.610611 20.993777878.6158888 20.977166778.5862222 20.965833378.597136 20.962888978.7386388 20.966527878.7461666 21.056111178.531666 20.751111178.557499 20.54628, 78.46263 20.921666778.752552 21.0342, 78.5343583 21.03944478.53426666 21.111166778.2503055 21.022027878.2528611 20.936833378.735675 20.949277878.722922 20.889113978.4987277 21.003055678.451388 21.051041778.4233000	For ensuring water availability inside forest (protected area- Bor Tiger Reserve) in summers and to avoid man animal conflict. Also helps in improving water table. Bor Tiger Reserve - 20 tanker x 25000/- Wardha Forest Division - 10 tanker x 25000/- For ensuring water availability inside forest (protected area- Bor Tiger Reserve) in summers and to avoid man animal conflict. Also helps in improving water table. Permanent water sources is the limiting factor for animal movement. Enrichment of water sheds will benefit wildlife (Complete nallah treatment) (Any of the Suitable Places available) Top to bottom approach of watershed treatment For ensuring water availability to wild life during water scarcity period and to avoid man animal conflict. (Wardha Forest Division) For ensuring water availability to wild life during water scarcity period and to avoid man animal conflict. (Wardha Forest Division) (1)arvi(chincholi dange) 2) Talegaon (Malegaon kali, Kinhal) 3) Hingni 3 sites 4) kharangana-03)
Habitat Improvement	Core Area: Weed eradication	16.3		0.0	650.00	200.000 Removal of lantana, Parthenium and other invasive weeds from the infested area of core area for 1st year. (With SMC works and Grass Seeding work) * 7100.000 = 1420000.000 150.000 Removal of lantana,	7100.000 5325.000 5325.000	27.5	20.976972278.675944 21.0009722 78.746277 20.978861178.7256388 20.978861178.7256388 20.979722278.726138 21.0040556 78.722444 20.99775, 20.9719194 20.9696667, 78.681555 20.9750833, 78.760111 20.978472278.6798055	For habitat quality improvement in Bor Tiger Reserve (400 ha. X 20 m.d. x 355/- p.day) 2nd Year operation on areas worked in 2017-18 for the first time in Bor Tiger Reserve (150 ha. X 15 m.d. x 355/- p.day) 3rd Year operation on areas worked in 2016-17 for the second time in Bor Tiger Reserve (100 ha. X 15 m.d. x 355/- p.day)

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