



GOVERNMENT OF MEGHALAYA
DEPARTMENT OF FORESTS AND ENVIRONMENT
OFFICE OF THE PRINCIPAL CHIEF CONSERVATOR OF FORESTS & HoFF:
MEGHALAYA



No.22/2020/CAMPA/Vol-II/ 14958

Dated: Shillong, the 23rd/December, 2020

To:

The Chief Executive Officer,
Government of India
Ministry of Environment, Forest and Climate Change
(National Authority)
Indira Paryavaran Bhavan, Agni Wing, 5th Floor
Aliganj, Jorbagh Road
New Delhi 110003

Subj: Annual Plan of Operation for the financial year 2021-22.

Sir,

I am directed to enclose herewith the Annual Plan of Operation (APO) pertaining to State Compensatory Afforestation Fund (SCAF) for a total sum of Rs. **38,90,03,654/-** (Rupees Thirty eight crores ninety lakhs three thousand six hundred and fifty four) only for financial year 2021-22 for undertaking various items of work.

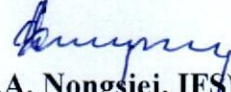
The aforesaid APO has been duly passed by the Executive Committee of the State CAMPA in their meeting dated 6th November, 2020 and the Steering Committee of the State CAMPA in their meeting dated 21st December, 2020.

It is requested that the enclosed APO may kindly be approved by National CAMPA and communicated to the office of Principal Chief Conservator of Forests & Head of Forest Force, Meghalaya.

This is for favour of your kind information and necessary action

Enclo: 1. Detailed APO 2021-22 approved by Steering Committee
2. Detailed estimates, kml maps and other supporting documents of proposed items.

Yours faithfully,


(S.A. Nongsiej, IFS)
Chief Conservator of Forests (FC Act)
& CEO, (CAMPA)
Meghalaya, Shillong.



ABSTRACT OF COMPONENTS FOR THE YEAR 2021-2022 (New Activities)

Sl. No	Components	
	Non-NPV Component	
1	i Compensatory Afforestation	1,40,83,300
	ii Biodiversity Conservation Lafarge	16,49,160
	Total	1,57,32,460
	NPV Activities {Under Rule 5(2), 5(3) & 6 of CAF Rules, 2018}	
Sl. No	Description	
	Items of work under Rule 5 (2) of CAF Rules, 2018	
	(i) assisted natural regeneration	83,59,227
	(ii) artificial regeneration	1,70,16,041
	(iii) protection of plantations and forests	6,90,39,000
I.	(iv) forest fire prevention and control operations	20,41,450
	(v) soil and moisture conservation works in the forest	1,74,62,326
	(vi) improvement of wildlife habitat as provided in the approved wildlife management plan or working plan	13,32,09,800
2	(vii) management of biological diversity and biological resource	4,73,85,341
	Total	29,45,13,185
		80.51%
	Items of work under Rule 5 (3) of CAF Rules, 2018	
	(i) establishment, up-gradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting materials.	46,25,000
II.	(ii) construction, up-gradation and maintenance of inspection paths, forest roads in forest area, fire lines, watch towers, check posts and timber depots.	6,59,00,732
	(iii) construction of residential and official buildings in forests for front line staffs deployed for protection of forest and wildlife.	
	(iv) publicity-cum-awareness programme and exhibition on the various schemes being implemented by the State Authority from State Fund.	2,68,000
	v) promoting conservation, sustainable use and documentation of biological diversity including preservation of habitats, conservation of land and folk varieties and cultivars, domesticated stocks and breeds of animals and microorganisms and chronicling of knowledge relating to biological diversity.	5,00,000
	Total	7,12,93,732
		19.49%

•	III.	Items of work under Rule 6 of CAF Rules, 2018	
		(i) Offset the incremental cost of compensatory afforestation penal compensatory and catchment area treatment plan at the increased wage rates.	4,14,317
		(i) management of office establishment. (ii) office equipment including computers and peripherals and its maintenance for the State Authority. (iii) hiring of staff cars for the use of the officers and officials of the State Authority. (iv) hiring of buildings on lease for the office establishment and residences of the officers of State Authority. (v) other contingencies for management of the State Authority	70,49,960
		Total	74,64,277
		Grand Total (Non-NPV + NPV Activities)	38,90,03,654

**ANNUAL PLAN OF OPERATION IN RESPECT OF MEGHALAYA STATE CAMPA
FOR THE YEAR 2021-2022**

I. NON-NPV COMPONENTS

Activities to be undertaken by Social Forestry and Territorial Divisions

COMPENSATORY AFFORESTATION:						
i)	Sl. No.	Division	Particulars of Work	Quantity	Amount Required	Remarks
	1	(T), WN	<u>East & North Garo Hills (T) Division, Williamnagar</u> i) Preliminary year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Construction of Bridge No 4/2 over Rongap River on RSN Road (FP/ML/ROAD/26840/2017) - 0.0474 Ha	0.2 Ha	5,141	Detailed estimate, Kml and certificates of suitability are enclosed as Annexure 1
	2	(T), WN	ii) Preliminary year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Construction of 132 Kva Transmission Line from Nangalbibra to Mendipathar - 4.7 Ha	10.0 Ha	88,360	Detailed estimate, Kml and certificates of suitability are enclosed as Annexure 2
	3	(T), WN	iii) Preliminary year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Diversion of land Historical site located at Sisabibra Range to Togan Memorial Association - 0.978 Ha	2.0 Ha	72,072	Detailed estimate, Kml and certificates of suitability are enclosed as Annexure 3
	4	(T), WN	iv) Preliminary year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Diversion of 0.04 of Forest land for const. of Zonal Water reservoir in Rongengiri Reserve Forest of East Garo Hills district - 0.04 Ha	0.8 Ha	26,578	Detailed estimate, Kml and certificates of suitability are enclosed as Annexure 4
	5	(T), WN	v) Preliminary year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Diversion of 0.3 ha of Reserve Forest land for const. of Telephone Exchange and Staff quarter at Chimabangshi Reserve Forest. - 0.3 Ha	0.6 Ha	21,622	Detailed estimate, Kml and certificates of suitability are enclosed as Annexure 5
	6	(T) Shillong	<u>East khasi Hills & Ri-Bhoi (T) Division, Shillong</u> i) Diversion of forest land for construction of 4-lanning road by General Manager Cum Project Director, NHAI, PIU, Shillong Eastern Circle Building Lower Lachumiere Shillong, District Esat Khasi Hills (Riathkwan RF)	0.975 Ha	41,488	
	7	(T) Shillong	ii) Diversion of 1.1 ha of forest land for construction of 4-lanning of Jorabad-Barapani Section of NH-40 (Umtasor Range)	2.2 Ha	93,614	

8	(T) Shillong	iii) Diversion of 0.9945 ha of forest land for construction of road from SOS Village to Sohpetbneng under Pradhan Mantri Gram Sadak Yojana (PMGSY) in Khasi Hills (T) Division, Shillong of Ri-Bhoi District (Shyrwat RF)	Ten times of the nos of trees felled (289 trees - 2890)	11,028	Detailed estimate, Kml files and site inspection report are enclosed as Annxure 6-11
9	(T) Shillong	iv) Diversion of 0.08 ha of forest land for renewal of the lease to Malki Presbyterian Secondary School (In the Vicinity of Malki)	0.16	6,808	
10	(T) Shillong	v) Diversion of 0.05016 ha of forest land under the Laitkor Protected Forest at Lumparing for setting up Children's Park (Shillong Protected Forest)	0.15	6,383	
11	(T) Shillong	vi) Diversion of 0.296 ha of forest land for construction of 2(two) Nos. RCC Reservoir for Drinking water by the PHE Department at Short Round Protected Forest and Raid Laban Forest (Roadside Plantation at Laitkor Protected Forest Compartment 6)	Roadside plantation 1Km (500 plants)	6,12,000	
12	(T) Tura	West & South West Garo Hills (T) Division, Tura (i) Plantation of trees in CA Area = 0.0450 Ha. (Forest land of 0.0225 Ha diverted for water tank at Babupara Tura Peak RF).	0.045 Ha	1,717	Detailed estimate, Kml files and certificates of suitability are enclosed as Annexure 12
		(T) Division, South Garo Hills, Baghmara Diversion of Forest land in South Garo Hills for construction of 33 KV line form Baghmara to Rongara through the Baghmara Reserve Forest under RGGVY			
13	(T), Baghmara	i) RCC demarcation of pillar	60 Nos.	1,62,000	Detailed estimate, Kml files and site inspection report are enclosed as Annexure 13
14	(T), Baghmara	ii) Plantation of Dwarf species along the power line	6.18 Ha	1,00,116	Detailed estimate, Kml files and site inspection report are enclosed as Annexure 14
15	(T), Baghmara	iii) Creation and maintenance of 15 bed polypot nursery	15 beds	1,64,700	Site inspection are enclosed as Annexure 15
16	(T), Baghmara	iv) Creation and maintenance of 30 bed polypot nursery	30 beds	3,29,400	Photo and Site inspection report are enclosed as Annexure 16
17	(T), Baghmara	v) Advance work for the creation of 12.36 Ha Misc Plantation under Baghmara Reserve Forest	12.36 Ha	2,00,232	Detailed estimate, Kml files and site inspection report are enclosed as Annexure 17

18		<u>Jaintia Hills, (T) Division, Jowai</u> i) CA area 9.738 ha located at Saipung Reserved Forests Compartment 6A			Detailed estimate, Kml files, Site inspection and survival are enclosed as Annexure 18
	(T), Jowai	Preliminary Work	9.738 Ha	1,57,755	
19		ii) CA area land of 4.82 ha located at kairen, Moulhoi village East Jaintia Hills District which has been taken over from Star Cement Limited			Detailed estimate, Kml files, Site inspection and survival are enclosed as Annexure 19
	(T), Jowai	Preliminary work	4.82 Ha	78,084	
20		iii) CA area land of 154.888 ha located at Moulhoi village East Jaintia Hills District adjacent to Saipung Reserved Forests which has been taken over from Dalmia Cement Limited.			Detailed estimate, Kml files, Site inspection and survival are enclosed as Annexure 20
	(T), Jowai	Preliminary work	154.888 Ha	25,09,185	
21		iv) CA area 84.806 ha located at Saipung Reserved Forests Compartment 6A & B			Detailed estimate, Kml files, Site inspection and survival are enclosed as Annexure 21
	(T), Jowai	Preliminary work	84.806 Ha	13,73,857	
22	(T), Jowai	Nursery Beds for above plantation (254.252 Ha : 610) v) First year creation of nursery	610 beds	66,97,800	
23		<u>Jaintia Hills, (T) Division, Jowai</u> 400 KV D/C Line from Pallantana to Bongaigoan 130 Ha	36 Ha	1,81,440	Detailed estimate, Kml files, site inspection and Photo are enclosed as Annexure 23
	(T), Jowai	i) 4th year maintenance of 36 Ha Plantation (Jongria Beat) of SRF under Saipung Range (T), Saipung			
24		<u>Compensatory Afforestation (100 Ha)</u>	26 Ha	1,31,040	Site inspection, Kml files and Photo are enclosed as Annexure 24
	(T), Jowai	ii) 4th year maintenance of 26 Ha Plantation (Jongria Beat) of SRF under Saipung Range (T), Saipung			
25		<u>Compensatory Afforestation(43 Ha)</u>	43 Ha	2,16,720	Detailed estimate, Kml file, site inspection and Photo are enclosed as Annexure 25
	(T), Jowai	iii) 4th year maintenance of 43 Ha Plantation (Jongria Beat) of SRF under Saipung Range(T), Saipung			

26	(T), Jowai	<u>Compensatory Afforestation(37 Ha)</u> iv) 3rd year maintenance of 17 Ha Plantation (Jongria Beat) of SRF under Saipung Range(T),Saipung	17 Ha	2,93,760	Detailed estimate, Kml files, site inspection and Photo are enclosed as Annexure 26
27	(T), Jowai	<u>CA for Laying 132 KV D/C Line Khliehriat-Badarpur (32.40 Ha)</u> vi) 4th year maintenance of 8 Ha plantation at Pahar Umkiang under Umkiang Territorial Range	8 Ha	40,320	Site inspection, report, Kml files and photo are enclosed as Annexure 27
28	(T), Jowai	<u>Compensatory Afforestation (37Ha)</u> vii) 3rd year maintenance of 20 Ha plantation at Pahar Umkiang under Umkiang Territorial Range	20 Ha	3,45,600	Site inspection, Kml files and Photo are enclosed as Annexure 28
	(SF&T), Nongstoin	<u>SF & T, West & South West Khasi Hills, Nongstoin</u> 3 Ha at Nongumiang RF			Site inspection report and Kml files are enclosed as Annexure 29,30
29	(SF&T), Nongstoin	i) Creation of temporary nursery		65,880	
30	(SF&T), Nongstoin	ii) Preliminary work		48,600	
Total				1,40,83,300	

ii) BIODIVERSITY CONSERVATION PROGRAMME LAFARGE:					
Sl. No.	Division	Particulars of Work	Quantity	Amount required as per state norms	Remarks
31	(SF) Shillong	4th year maintenance of 24 Ha Green Belt plantation at BCP Lafarge Project at Nongtraï under Sohra Range	24 HA	3,02,400	Site inspection report and Kml files are enclosed as Annexure 31
32	(SF) Shillong	4 th year maintenance of 60 Ha plantation at BCP Lafarge Project at Pyrkan Shella	60 HA	7,56,000	Site inspection report and Kml files are enclosed as Annexure 32
33	(SF) Shillong	5 th year maintenance of 12 Ha plantation at BCP Lafarge Project at Nongtraï	12 HA	1,90,080	Site inspection report and Kml files are enclosed as Annexure 33
34	(SF) Shillong	4 th year maintenance of 18.1 Ha plantation at BCP Lafarge Project at Nongtraï	18.1 HA	2,28,060	Site inspection report and Kml files are enclosed as Annexure 34
35	(SF) Shillong	4 th year maintenance of 7 Ha plantation at BCP Lafarge Project at Nongtraï	7 HA	88,200	Site inspection report and Kml files are enclosed as Annexure 35
36	(SF) Shillong	4 th year maintenance of 6.7 Ha plantation at BCP Lafarge Project at Nongtraï	6.7 HA	84,420	Site inspection report and Kml files are enclosed as Annexure 36
Sub Total				16,49,160	

II. NPV ACTIVITIES:

1) Items of work under Rule 5 (2) of CAF Rules, 2018

Assisted Natural Regeneration (Natural Forest Management), Rule 5(2)(a)					
Sl. No.	Division	Particulars of Work	Quantity	Amount required as per state norms	Remarks
37	(T), WN	<u>East & North Garo Hills (T) Division, Williamnagar</u> i) Preliminary year of Plantation - 28 Ha First year creation of Nursery (2 Polypot & 1 Naked root bed per Ha) a) Polypot Nursery Beds - 28 Beds b) Nakedroot Nursery Beds - 56 Beds	28 Ha	10,09,008	Detailed estimate and Kml files are enclosed as Annexure 37
38	(T), WN	ii) Establishment of Permanent Nursery Shed with permanent water supply for 20 Polypot Beds & 10 Naked Root Beds	6 Nos	25,37,600	Detailed estimate and Kml files are enclosed as Annexure 38
39	(T), Baghmara	<u>(T) Division, South Garo Hills, Baghmara</u> i) 2nd Year Maintenance of plantation under Baghmara RF	2.5 Ha	43,200	Detailed estimate, Kml files, site inspection report and Photo are enclosed as Annexure 39
40	(T), Baghmara	ii) 2nd Year Maintenance of plantation under Angratoli RF.	2.5 Ha	43,200	Detailed estimate, Kml files, site inspection report and Photo are enclosed as Annexure 40
41	(T), Baghmara	iii) Creation of polypot nursery at Baghmara RF.	50 beds	5,50,800	Detailed estimate, Kml files and site inspection report are enclosed as Annexure 41
42	(T), Baghmara	iv) Creation of polypot nursery at Angratoli RF.	20 beds	2,20,320	Detailed estimate, Kml files photo and site inspection report are enclosed as Annexure 42

43	(T), Tura	West & South West Garo Hills (T) Division, Tura i) Hollaidanga Range - Shade net and poly house (including GST @12% work contract).		9,51,552	Site inspection report, Kml files are enclosed as Annexure 43-47
44	(T), Tura	ii) Hollaidanga Range - RCC Water Storage Tank (including GST @ 12% work contract).		2,30,700	
45	(T), Tura	iii) Pipe line Connection 2%		19,031	
46	(T), Tura	iv) Nursery Tools		50,000	
47	(T), Tura	v) Preparation of Nursery for 10 Beds @ 20,000/-		11,016	
<u>DFO, SF, SHILLONG</u>					
48	(SF), Shillong	(i) 5 th year maintenance of 170 ha created during 2014-15	170 HA	26,92,800	Site inspection report , Kml files, Photo, MOU are enclosed as Annexure 48
		1. Madan Lyngkhi, Laitlyngkot, 34 Ha under Sohra Range			
		2. Laitkroh, 34 Ha under Myllem Range			
		3. Nongkynrih (Lumkabon), Jalynteng, 34 Ha under Shillong Urban Beat			
		4. Maw-U-Sam, Umiew, 34 Ha under Mawkynrew Range			
		5. Maw-u-Sam, Umiew, 34 Ha under Pynursla Range			
Total				83,59,227	

ii)					
Artificial Regeneration, Rule 5(2)(b)					
Sl. No	Division	Particulars of Work	Quantity	Amount required as per state	Remarks
49	JHADC Jowai	Chief Forest Officer, JHADC, Jowai i) 2nd year maintenance of poly pot nursery at Tuber Takhniang East Jaintia Hills District	120 beds	69,120	Detailed estimate, Site Inspection Report, NOC and MOU and Kml files are enclosed as Annexure 49-53
50		ii) 1st year maintenance of plantations at Farat Maul, Saipung East Jaintia Hills District	75 Ha	21,87,000	
51		iii) 2nd year maintenance of poly pot nursery at Sabah Muswang West Jaintia Hills District	120 beds	69,120	
52		iv) 1st year maintenance of plantations at Lamet Rakabah West Jaintia Hills District	75 Ha	21,87,000	
53		v) 4th year maintenance of plantation at Ladakhar Umsalangnar PF	98.64 Ha	12,42,864	
54			Chief Forest Officer, JHADC, Jowai Preliminary works for afforestation in the Blank area of 100 Ha from the approved working scheme	100 Ha	40,68,000
55	KHADC Shillong	Chief Forest Officer, KHADC, Shillong Working Schemes of West Khasi Hills District i) Preliminary works	71.06 Ha	28,90,721	Detailed estimate, certificate of consent, site inspection report and Kml files are enclosed as Annexure 55
		DFO, SF, Jowai			
		Maintenance of Plantations :			
56	(SF), Jowai	a) 4 th year maintenance of 25 Ha created as per 2015-16 Outlay	25 Ha	3,15,000	Detailed estimate, Site Inspection, NOC, MOU, Kml files are enclosed as Annexure 56
57	(SF), Jowai	b) 3 rd year maintenance of 20 Ha created as per 2016-17 Outlay	20 Ha	4,17,600	Detailed estimate, Inspection report, NOC, MOU, Kml files are enclosed as Annexure 57
58	(SF), Jowai	c) 2 nd year maintenance of 20 Ha created as per 2016-17 Outlay	20 Ha	4,96,800	
		DFO, SF&T, BAGHMARA			
59	(SF&T), Baghmara	3 rd year maintenance of 36.4ha of catchment area plantation at Gittingbibra, Jakrongram and Mekaadu	36.4 HA	7,60,032	Detailed estimate, Kml files certificate of consent, site inspection report and MOU are enclosed as Annexure 59

DFO, SF, NONGPOH					
60	(SF), Nongpoh	a) 4 th year maintenance of 25 Ha Plantation during 2014-15 @ 19,604/- Per Ha(25X19,604)	25 HA	3,15,000	Site Inspection report, Kml files and Mou are enclosed as Annexure 60
61	(SF), Nongpoh	b) 3 rd year Maintenance of 20 Ha Plantation during 2015-16 @ 23,322/- per Ha (20X23,322)	20 Ha	4,17,600	Site inspection report, Kml files are enclosed as Annexure 61
62	(SF), Nongpoh	c) 2 nd year Creation and Maintenance of 20 Ha Plantation during 2016-17 @ 27,378/- per Ha (20X 27,378)	20 HA	4,96,800	Site inspection report and Kml files are enclosed as Annexure 62
DFO, SF, SHILLONG					
63	(SF), Shillong	(a) 3 rd year maintenance of 10 Ha integrated plantation	10 HA	2,08,800	Site inspection report and Kml files are enclosed as Annexure 63
		1. Umkut Parkan Shella 5 Ha under Sohra Range.	5 HA		
		2. Lawbah 5 Ha under Mawsynram Range	5 HA		
64	(SF), Shillong	(b) 2 nd year maintenance of 12 beds poly pot nurseries created during the year 2020 – 21 for creation of 6 Kms Roadside plantation under CAMPA during 2022-23	12 Beds	10,584	Kml files are enclosed as Annexure 64
		i) 2 beds at Sohlwai Nursery under Mawkynew Range			
		ii) 2 beds at Weiloi Nursery under Mawsynram Range			
		iii) 2 beds at Polo Central Nursery under Shillong Urban Beat			
		iv) 2 beds at MCCL – NgaM – u – Lah under Sohra Range			
		v) 4 beds at Wahlyngkhat Nursery under Pynursla Range			
65	(SF), Shillong	(c) 2 nd year maintenance of 6 Km Roadside plantation	6 KMS	8,64,000	Site inspection report and Kml files are enclosed as Annxure 65
		1. Wahlyngkhat to Lyngkawet – 2 Km			
		2. Thangkharang – 1 Km			
		3. Mawiong – 1 Km			
		4. Jahtah – 1 Km			
		5. Mawlynnu – 1 km			
Total				1,70,16,041	

iii) Protection of Forests, Rule 5(2)(d)						
Sl. No.	Division	Particulars of Work	Quantity	Rate in Rupees	Amount (₹)	Remarks
66	(T), WN	East & North Garo Hills (T) Division, Williamnagar i) Chain linked fencing construction in Vulnerable areas	1150 Rmt	₹ 4500/-	51,75,000	Detailed estimate and Kml files are enclosed as Annexure 66
67	(T), WN	ii) Construction RCC Boundary walls	500 Rmt	₹ 10000/-	50,00,000	Detailed estimates and Kml files are enclosed as Annexure 67
68	(T), WN	iii) Construction of watch tower with room in critical areas for patrolling, protection, conservation, etc	2 Nos	1000000	20,00,000	Detailed estimate Kml files are enclosed as Annexure 68
69	(T), WN	iv) Installation of CCTV Cameras, Solar Lights & Movable Barriers at Check Gates	13 Nos	₹ 150000/-	19,50,000	Detailed estimate and quotation are enclosed as Annexure 69
70	(T), WN	v) Establishment of Temporary Check points at Strategic location to check illegal transit of timber	1 Nos	₹ 150000/-	1,50,000	Detailed estimate Kml files and quotation are enclosed as Annexure 70
71	(T), WN	vi) Purchase of customised Bolero camper 4 x 4 or similar vehicles for the use of the patrolling team and rapid response team involved in clearing wind fallen trees on roads and other public utilities	1 Nos	₹ 1000000/-	10,00,000	Detailed estimate and quotation are enclosed as Annexure 71
72	(T), WN	vii) Procurement of Row Boat for Simsanggre Range	2 Nos	₹ 100000/-	2,00,000	Quotation are enclosed as Annexure 72
73	(T), WN	viii) Cost of departmental operation for implementation of Supreme Court orders viz, crack down on sawmills, closure of illegal stone/sand quarries, forest protection, etc.			5,00,000	Detailed estimate and Kml files are enclosed as Annexure 73
74	(T), WN	ix) Repair & Maintenance of Arms			4,00,000	Detailed estimate are enclosed as Annexure 74
75	(T), WN	x) Installation of Solar Lights & Solar Kits at Ranges & Beats i) Solar Light - 15 Nos. ii) Solar Kits - 60 Nos.			13,50,000	Quotation are enclosed as Annexure 75
76	(T), WN	xi) Survey & Demarcation of 160 Ha Jambal Akhing Land			50,000	
77	(T), WN	xii) Construction of Field Staff Quarter at Jambal Akhing land	2 Nos @ ₹ 1500000		30,00,000	Detailed estimate and Kml files are enclosed as Annexure 77



78	(T), WN	<u>East & North Garo Hills (T) Division,</u> <u>Williamnagar</u> Procurement of GPS Devices	5 Nos @ ₹ 35000/-		1,75,000	Detailed estimate are enclosed as Annexure 78
					2,09,50,000	
79	(T), Shillong	<u>East khasi Hills & Ri-Bhoi (T) Division,</u> <u>Shillong</u> i) Chainlink fencing to protect RF and PF from encroachment.	2500 rmtr.	₹4200/- per rmtr	1,05,00,000	Detailed estimate, Kml files are enclosed as Annexure79
80	(T), Shillong	ii) Construction of boundary wall	264 rmtr.	₹ 6500/- per rmtr.	17,16,000	Detailed estimate and Kml files are enclosed as Annexure 80
81	(T), Shillong	iii) Construction of retaining wall	500 rmtr.	₹ 12000/- per rmtr.	60,00,000	Detailed estimate and Kml files are enclosed as Annexure 81
82	(T), Shillong	iv) Construction of Watch Towers.	2 nos.	₹ 500000/- each	10,00,000	Detailed estimate, Kml files are enclosed as Annexure 82
83	(T), Shillong	v) Maintenance of Rhododendron Trekkers' Path under USF Beat	120 mtrs.	₹ 600/- per mtr.	72,000	Detailed estimate, Kml files are enclosed as Annexure 83
84	(T), Shillong	vi) Construction of Rain Shed at Malki under Shillong South Range, Shillong	1 No	₹ 200000/- each	2,00,000	Deatiled estimate, Kml files are enclosed as Annexure 84
					1,94,88,000	
85	(T), Jowai	<u>Jaintia Hills (T), Division, Jowai</u> i) Construction of Retaining wall at Wahkoh under Dona Beat (T) at NRF BL-II under Umkiang Range			15,00,000	Detailed estimate are enclosed as Annexure 85
86	(T), Jowai	ii) Repairing of approach road at Umkiang Range Office	50m	3000/rm	1,50,000	Detailed estimate and Kml files are enclosed as Annexure 86
87	(T), Jowai	iii) Construction of side drain at Umkiang Range Office campus	60rm	2000/rm	1,20,000	Detailed estimate and Kml files are enclosed as Annexure 87
					17,70,000	
88	(T), Tura	<u>West & South West Garo Hills (T) Division,</u> <u>Tura</u> i) Construction of boundary fencing at Tura Peak RF - @ 2250 x 1000 Rms. + extra carriages charges 30%			29,25,000	Detailed estimate and Kml files are enclosed as Annexure 88-89
89	(T), Tura	ii) Construction of new depot house under West & South West Garo Hills (T) Division, Tura 2(two) nos. (including GST @ 12% work contract).	2 Nos.		31,56,000	



					60,81,000	
90	(T), Baghmara	(T) Division, South Garo Hills, Baghmara i) Watch Tower (Angratoli RF, Baghmara RF, Rewak RF)	2 units	900000 lakhs/unit	18,00,000	Detailed estimate and Kml files are enclosed as Annexure 90
91	(T), Baghmara	ii) Construction of boundary wall a) Southern Range	100 Rm 10000 /Rm		10,00,000	Detailed estimate Kml files are enclosed as Annexure 91
92	(T), Baghmara	b) Rewak Beat	250 Rm @10,000 /Rm		25,00,000	Detailed estimate and Kml files are enclosed as Annexure 92
93	(T), Baghmara	iii) Construction of Chain Link fencing. a) Rewak RF	500 Rm @5000 /Rm		25,00,000	Detailed estimate and Kml files are enclosed as Annexure 93
94	(T), Baghmara	b) Khondok, Angratoli RF	500 Rm @5000 /Rm		25,00,000	Detailed estimate Kml files are enclosed as Annexure 94
95	(T), Baghmara	iv) GPS handheld (Baghmara RF & Angratoli RF)	5 Nos. @ 30000/-		1,50,000	Quotation are enclosed as Annexure 95
96	(T), Baghmara	v) Walky-talky long range including accessories for field staffs posted at Reserve Forests (Baghmara RF & Angratoli RF)	30 Nos. @ 20000/-		6,00,000	Quotation are enclosed as Annexure 96
97	(T), Baghmara	vi) CCTV cameras for Forest Check Gates including Computers sets, extra hard disk for back up, printers & accessories for recording footage. a) Gasuapara forest check gate	1 set @ 1.50000 lakh/set		1,50,000	Quotation are enclosed as Annexure 97
98	(T), Baghmara	b) Mandal Gitok forest check gate	1 set @ 1.50000 lakh/set		1,50,000	Quotation are enclosed as Annexure 98
99	(T), Baghmara	vii) Camera trapping (Southern Range & Angratoli beat)	12 Nos. @ 25000/-		3,00,000	Quotation are enclosed as Annexure 99
100	(T), Baghmara	viii) Solar Water Pump set and accessories including fitting charges etc. (Angratoli Beat, Southern Range, Masighat Sub-Beat, Dumnikura Sub-Beat, Baghmara Sub-Beat, Gasuapara Check Gate)	6 Nos. @ 150000 lakhs /unit		9,00,000	Quotation and Kml files are enclosed as Annexure 100
		Total			1,25,50,000	
101	Garo Hills WL & BNP	Construction of Anti-Poaching Camp cum Watch Towers as per the detailed estimate to be prepared on the basis of the current Meghalaya Public Works Department Schedule of rates for Building Works (Garo Hills WL Division & BNP Division)	2 Nos.	1600000/-	32,00,000	Detailed estimate and Kml files are enclosed as Annexure 101
		Total			32,00,000	



102	All Divisions of T and WL	Customised drones for patrolling of remote forest locations, monitoring ecological changes of forests and survey of forest land	03 or 04	1500000 - 1700000	50,00,000	Detailed estimate are enclosed as Annexure 102
		Total			50,00,000	
		Grand Total			6,90,39,000	

Forest Fire Prevention and Control Operations, Rule 5(2)(f)							
iv)	Sl. No	Division	Particulars of Work	Quantity	Amount (₹)	Justification	Remarks
	103	(T), WN	<u>East & North Garo Hills (T) Division, Williamnagar</u> Procurement of Tools, & Equipments for Control of Forest Fire		10,00,000		Detailed estimate are enclosed as Annexure 103
	104	(T), Baghmara	<u>(T) Division, South Garo Hills, Baghmara</u> Khukuri (big knife) for cutting bushes and fireline clearances (Southern Range & Angratoli Beat)	90 Nos. @ 550 /no.	49,000		Quotations are enclosed as Annexure 104
	105	(T), Tura	<u>West & South West Garo Hills (T) Division, Tura</u> i) Tura Peak Watch tower (including GST @12% work contract)		4,00,000		Detailed estimate, Kml files and Quotation are enclosed as Annexure 105-106
	106	(T), Tura	ii) Weed Cutting machine 2(two) nos.		70,000		Annexure 105-106
	107	Silviculture	<u>Silviculture Division</u> i) Engagement of 1 (one) No. Fire Watcher at Umjapung Water Lily conservation area for 5 months during the dry season @ 10,140/- per months = 1x5x10140= 50700.00	9 ha.	50,700	This area is a fire prone area and for fire line cutting as part of forest fire management during fire season requires the engagement of labour.	
	108	Silviculture	ii) Engagement of 2 (two) Nos. Fire Watcher at Nohron Nepenthes khasiana conservation area for 5 months during the dry season @ 10,140/- per months = 2x5x10140= 101400	35 ha.	1,01,400	This area is a fire prone area, thus engagement of labour is required for preventing the fire during the dry seasons	



109	Silviculture	iii) Creation of Fire-line cutting of in-situ conservation of Nepenthes khasiana at Nohron for 35 Hectares @ Rs. 1890/- = 66,150.00	35 ha.	66,150	This particular area at Nohron village has a good collection of Nepenthes khasiana both natural and introduced from the tissue culture laboratory. Population The area is also susceptible to forest fire during fire season which renders the existing population vulnerable to fire damage and loss of viable population of the species. In order to preserved and prevent this endemic species from fire especially during the dry season, fire-lines has to be created all around.	
110	Silviculture	(iv) 6 nos. Fire watcher for 5 months during the dry season @ 10,140/- per months = 6x5x10140 = 304200	6 nos.	3,04,200	Lumsolphteng, Umiun, Ri Bhoi District measuring 143.2 ha. was acquired from private parties in February 2001 for creation of Biodiversity Centre of Botanical Garden. The area houses 15 ha. of Bambusetum, 15 ha. of seedling orchard, 5 ha. of gene pool of rare and endangered species, 5 ha. of plantations of rare and endangered species and 4.7 ha. of medicinal plants plantation. The area is also an important natural habitat for Blue Vanda (Vanda coerulea) an important Orchid species listed in Scheduled VI plants under Wildlife Protection Act, 1972. Due to the nature of the terrain and vegetation, the area is highly prone to fire during the dry seasons. So it is an absolute necessity to engage fire watcher to help the staff in controlling the spread of fire from damaging the plantation, the vegetation etc. The Fire watcher is to be stationed in fire hotspots where fire is likely to occur.	
Total				20,41,450		

4) Soil and Moisture Conservation works in Forest, Rule 5(2)(g)					
Sl. No.	Division	Particulars of Work	Quantity	Amount required as per state norms	Remarks
111	(T), WN	East & North Garo Hills (T) Division, Williamnagar i) Construction of Check Dam at Rongrenggre	2 Nos @ ₹ 250000/-	5,00,000	Detailed estimate, Kml files are enclosed as Annexure 111
112	(T), WN	ii) Construction of Guard Wall at Rongrenggre	72 Rmt @ ₹ 8548/-	6,15,456	Detailed estimate, Kml files are enclosed as Annexure 112
113	(T), WN	iii) Construction of Gabion Structure at Rongrenggre	75 Cum @ ₹ 15000/-	11,25,000	Detailed estimate, Kml files are enclosed as Annexure 113
114	(T), WN	iv) Construction of Spring Chamber	1 Nos @ ₹ 100000/-	1,00,000	Detailed estimate, Kml files are enclosed as Annexure 114
115	(T), Baghmara	(T) Division, South Garo Hills, Baghmara Construction of Spring chambers (Southern Range, Rangasora Sub-Beat, Masighat Sub-Beat)	3 Nos. @998900/1 no.	29,96,700	Detailed estimate, Kml files and site inspection report are enclosed as Annexure 115
116	(T), Shillong	East khasi Hills & Ri-Bhoi (T) Division, Shillong Soil and Moisture Conservation works	4 nos. - ₹ 350000/- each	14,00,000	Detailed estimate, Kml files are enclosed as Annexure 116
117	(SF) Jowai	DFO, SF, Jowai MYNTDU a) Along the banks (i) Creation & 1st year maintenance of Polypot Nursery.	6 beds	65,880	Detailed estimate, NOC, action taken report are enclosed as Annexure 117-122
118		(ii) Advance Work	2.32 Ha	94,377	
119		(b) Community & Private Land (i) Creation & 1st year maintenance of Polypot Nursery.	23 Beds	2,52,540	
120		(ii) Advance Work	10 Ha	4,06,800	
121		KYRHUH KHLA a) Along the banks (i) Creation & 1st year maintenance of Polypot Nursery.	9 Beds	98,820	
122		(ii) Advance Work	3.50 Ha	1,42,380	

123	(SF) Nongstoin	DFO, SF, Nongstoin Plantation of Catchment Area of Nondein River for 27 Ha at Pyndengrei A. Temporary Nursery (30 beds) i) First Year Creation		3,29,400	Detailed estimate, Kml files and certificate of concent are enclose are Annexure 123-126
124		B. Plantation i) Preliminary Year	27 Ha	10,98,360	
125		Plantation of Catchment Area of Nondein River for 2.76 Ha at Pyndengrei A. Temporary Nursery (4 beds) i) First Year Creation 122 unit		43,920	
126		B. Plantation for 1 Year i) Preliminary Year 311.88 unit	2.76 Ha	1,12,277	
127	(SF) Shillong	DFO, SF, Shillong Creation of 7.5 beds poly pot nurseries as per roadside plantation norms under CAMPA during 2021-22 for plantation along the river Wahumkhrah as per directions by Hon'ble NGT under shillong urban beat i) Complete creation of 7.5 beds poly pot nursery during 2021-22	7.5beds	1,18,800	Detailed estimate are enclosed as Annexure 127
128		ii) First Year Creation for 3.6 Km Roadside Plantation along the River of Wahumkhrah	3.6km	22,03,200	Detailed estimate are enclosed as Annexure 128
129	(SF) Nongpoh	DFO, SF, Nongpoh a) Creation of strip plantation along the river bank from Dehal Bagan to Upper Bagan for Rejuvenation of Umtrew River , Byrnihat , Ri-bhoi District Meghalaya i) Creation of 6 Beds area @ ₹ 10980/- per bed	6 beds	65,880	Detailed estimates, Site inspection, Kml files and NOC are enclosed as Annexure 129-130
130		b) Preliminary work (APO 2021-22) for creation of 3 Ha strip plantation along Umtrew River Bank i) Preliminary Works for 3 Ha area @ ₹ 38,194 X 3 Ha	3 ha	1,22,040	
131	KHADC Shillong	Chief Forest Officer, KHADC, Shillong A. Poly pot Nursery i) Creation of 156 Nursery Beds	156 beds	17,18,496	Detailed estimates and Kml files are enclosed as Annexure 131
132	GHADC Tura	Chief Forest Officer, GHADC, Tura A. Polypot Nursery i) Creation of 250 Nursery Beds	250 beds	27,45,000	Detailed estimates, Kml files are enclosed as Annexure 132-133
133	GHADC Tura	B. Naked Root Nursery i) Creation of 250 Nursery Beds	250 beds	11,07,000	
Total				1,74,62,326	

Improvement of wildlife habitat, Rule 5(2)(i)								
Sl. No.	Division	Particulars of Work	Quantity	Rate	Amount(₹)	Location	Justification	Remarks
134		<p>Wildlife Wing A. MANAGEMENT OF MAN - ANIMAL CONFLICTS</p> <p>Establishment and operation of eight man-animal conflict management squads each consisting of a man-animal conflict management vehicle retro-fitted with requisite accessories/equipment, one regular employee of the Forest Department and four local youths to be engaged on payment of wages in areas vulnerable to man-animal conflicts to prevent, minimize and mitigate such conflicts, involving following items of expenditure:</p>	5 Nos	859840/-	42,99,200	<p>Garo Hills WL</p> <p>Khasi Hills WL</p> <p>BNP</p> <p>Jaintia Hills WL</p>	<p>The Meghalaya is home to several species of wild animals like Elephant, Himalayan Black Bear, Leopard and Clouded Leopard etc. During lean dry months long ranging animals like elephants migrate several kilometers in search of food and water. During such migration they raid crops, horticulture plantations and houses falling on their path. Sometimes they attack humans resulting in death or grievous injuries. Several incidents of lifting of livestock, damage to bee-hives and human injury & human death by Himalayan Black Bear, Clouded Leopard and Leopard etc. are also reported in the State. Every year, the State is also witnessing several incidents of injury and orphanages to wild animals.</p> <p>To minimize such incidents of man-animal conflicts it is proposed to deploy man-animal conflict management squads in areas vulnerable to such conflicts to monitor and track movement of elephants, guide the movement of elephant herds away from human habitations, fore-warn the villagers on movement of elephants, transport the persons injured in such conflicts to health care facilities and assess the damage caused to life and property.</p>	<p>Quotations are enclosed as Annexure 134</p>

	<p>Purchase and retrofitting of accessories and equipment such as Long Box Type Vehicle Mounted LED Flasher (Blue and Red Lights) with Hooters and Megaphone attachment facility (one set), High Power LED Flood Lights of 50 Watt capacity (3 sets mounted on carrier back and two sides), Portable Generator with generator dismounting iron rail guides (one set), Additional Fog Lights (2 nos. mounted on front guard), High Beam Search Lights with shoulder strap (4 Nos.), LED White Beam (Petzl) Headlight Gear with Belt and carry Pouch (5 Nos.), Portable GPS garmin ETREX 10 (1 No.), Portable Handheld Megaphone Shoulder Sling Type (1 Set), Foldable Cage for Small Animals (1 No.), Elephnat Anchoring MS Iron Chains 12 mm dia. 10 running meters (2 Nos.), Elephnat tying MS iron chain of 10 mm dia and 5 meters length (4 nos.), Elephnat Lifting Cargo Sling of 5 meter lenth and 5 ton capacity (4 nos.), Sample Collection Kits (one No.), First Aid Kit with medicines in durable fibre carry box (1 set), Tool kit with tools in durable fibre carry box (one set), Reflector Safety Jacket (10 Nos.), Cooking Utencils with a strong MS shet carry box (one set), Ration Box (one set), Tent (one) for each man-animal conflict management squad to be purchased</p>				<p>Garo Hills WL Khasi Hills WL BNP Jaintia Hills WL</p>	<p>These squads will also be utilized to create credible database on distribution and movement of elephants in the State and also to create awareness among the citizens about the conservation of elephants.</p> <p>Services of the man-animal conflict management squads will also be utilised to rescue wild animals, especially the orphaned, diseased and injured animals and other animals which stray into human habitations.</p>	
135	<p>Payment of wages to persons to be engaged on payment of daily wages @ Rs. 10,140 per month (5 x 4 X 12 = 240 person-months)</p>	240 Person-months	10140/-	24,33,600			
137	<p>P.O.L. and maintenance of vehicles @ Rs. 10,000 per squad per month</p>	60 Squad-months	10000/-	60,00,00	Garo Hills WL		

138		Maintenance of vehicles to be provided to the squads	5 Nos	40000/-	2,00,000	Khasi Hills WL BNP		
139		Provision of fire crackers, torch lights and other consumables like batteries, torches, daily use utensils etc. to the members of squads	5 No. of squads	75000/-	3,75,000	Jaintia Hills WL		
140		Purchase of a mobile phones for each man-elephant conflict management squad	5 Nos.	12000/-	60,000	Garo Hills WL Khasi Hills WL		
141		Payment of the pre-paid bills of the mobile phone to be provided to the squads @ Rs. 200 per month per squad	60 Squad-months	200/-	12,000	Garo Hills WL Khasi Hills WL		
142		Provision of ration to the members of the squads	60 Squad-months	60000/-	3,60,000	BNP Jaintia Hills WL		
143		Preparation of IEC and publicity materials on prevention of man-animal conflicts and distribution thereof in villages affected by man-animal conflicts by the squads	5 Squads	20000/-	1,00,000			
144		Installation of bio-fencing in 5 villages critically affected by human-elephant conflicts by installation of 400 bee boxes each such village (Garo Hills Wildlife Division, Khasi Hills WL Division & BNP)	2000 Nos	2500/-	50,00,000	Garo Hills WL Khasi Hills WL BNP	Elephants are known to avoid honey bees and bee hives. To dissuade the elephants to enter human habitations it is proposed to install, on a pilot basis, 400 bee boxes in each of the five villages critically affected by human elephant conflicts. Apart from likely reduction in loss of life and property due to man-elephant conflicts, it will also yield additional income to residents of such villages. The same will help the department to win their cooperation and confidence in conservation of elephants and other wildlife.	

145		Payment of <i>ex-gratia</i> to the victims of human-animal conflicts					<p>Victims of man- animal conflicts are paid <i>ex-gratia</i> at the rates notified by the State Government. The essence and the effect of the <i>ex-gratia</i> payments lies in its timely payment. However, due to non-availability of adequate funds under the regular State Budget, claims for payment of <i>ex-gratia</i> duly verified and approved by the competent authorities in the State for an amount of Rs. 1.50 crore are presently pending for payment. Some of these claims are pending for last 3 - 4 years. Even in the cases involving human death and grievous injury, payment of <i>ex-gratia</i> is normally made after a delay of several months.</p> <p>Adverse impacts of COVID-19 pandemic on the State Finances is likely to further reduce the availability of monies under the regular State Budget for payment of the <i>ex-gratia</i>. Payment of <i>ex-gratia</i> plays an important role in obtaining co-operation of local communities in conservation and protection of the wildlife and their habitat. Due to inordinate delay in payment of <i>ex-gratia</i>, even in the cases involving human death or injury, cooperation of local communities in conservation and protection of wildlife and their habitat is fast waning. It is also a reason for several cases of the hunting of wild animals, especially in interior areas, to revenge the damage to life or property. A part of monies available in the CAF is therefore proposed to be utilised to</p>	
146		Payment of pending claims		1,50,00,000	Entire State	<p>clear pending claims for <i>ex-gratia</i>.</p> <p>To ensure timely payment of <i>ex-gratia</i> to victims of wildlife depredation in future, as advised by the Ministry of Environment, Forest and Climate Change, Government of India vide a letter bearing F-No. 17-65/2020-WL dated 10.07.2020, it is proposed to establish a revolving fund of Rs. 1.00 crore under the control of the Principal Chief Conservator of Forests & HoFF or the Chief Wildlife Warden.</p>		
147		Establishment of a revolving fund under the control of the PCCF & HoFF to ensure timely payment of <i>ex-gratia</i> to victims of man-animal conflicts	L.S	1,00,00,000	Entire State			

148		<p align="center">B. SCIENTIFIC MANAGEMENT OF COMMUNITY RESERVES</p> <p>Preparation of Management Plans by survey and mapping by using drones and differential global positioning system (DGPS), documentation of flora and fauna, collection of data on history and past management of area comprised in the CR, public consultations to identify, prioritise and schedule various management interventions and preparation and printing of 50 copies of Management Plans</p>	20 Nos.	150000/-	30,00,000		<p>Conservation of nature and natural resources has been an integral part of the cultural ethos of tribal communities in Meghalaya. The tribal communities in Meghalaya have protected and conserved several tracts of forests for religious and cultural belief. The Meghalaya is a home to several such undisturbed virgin forests. The local communities believe that the deity which guards them from natural calamities and diseases as well as provides for their well-being, resides in these forests</p> <p>The local tribal communities believe that cutting of trees, removal of fruits, seeds or causing damage of any nature or even plucking a leaf in such forests, except for the religious rituals, may offend the deity and may bring ill luck to the offender and also to the entire village. People are forbidden to carry leather articles, liquor, tobacco and any other intoxicating materials inside a sacred grove to maintain its purity. Some of these forests are so sacred that one is required to remove shoes before entering into these forests.</p>	<p>Details of Activities Enclosed as Annexure 148</p>
149		<p>Demarcation of the external boundary of CRs by:</p>						
150		Installation of sign boards	42 Nos.	25000/-	10,50,000			
151		Installation of permanent RCC boundary pillars	1500 Nos.	6600/-	99,00,000			
152		Coal-tarring of trees standing on boundary and clearing a 3 meters wide fire line	100 Running Km	100000/-	10000000			
153		Improvement of wildlife habitat in CRs by:						

Detailed estimate and Kml files are enclosed as Annexure 151

154		Restocking of degraded patches by transplanting and maintenance of plants of native species naturally growing in areas adjoining such degraded patches	30 Ha	50000/-	15,00,000		<p>With the passage of time and gradual subordination of spiritual, cultural and religious beliefs by materialistic needs, the beliefs which helped in preservation of these forests are eroding. The gradual erosion of these beliefs is resulting in degradation and shrinkage of many such forests. The absence of a proper regulatory and funding mechanism for conservation, protection and scientific management has further accelerated the process of degradation of these forests. Vanishing of species in many of these forests due to different anthropogenic disturbances like alteration of natural habitat, excessive utilization, pollution and invasion of non-native species is so fast that many precious taxa may disappear even before they are identified, properly documented and their scientific, cultural, therapeutic and commercial values are discovered.</p> <p>The amendment of the Wild Life (Protection) Act, 1972 in 2003 came as a boon for conservation of sacred groves.</p> <p>Section 36C inserted in the Wild Life (Protection) Act, 1972 by the said amendment provides for notification of the sacred groves and such other similar community owned areas having high conservation and cultural significance as Community Reserve. Section 36D inserted in the Act in 2003 provides for preparation and implementation of management plan and to take steps to ensure the protection of wild life and its habitat in the community reserve by a Community Reserve Management Committee consisting of five representatives nominated by the Gram Sabha or village level committee and one representative of the State Forest Department under whose jurisdiction the community reserve is located.</p>	Detailed estimate are enclosed as Annexure 154
155		Construction of visitor trail cum foot path	5000 Running meters	4000/-	2,00,00,000		<p>With persuasion from the Forests and Environment</p>	Detailed estimates are enclosed as Annexure 155

							Department the local communities came forward to allow the State Government to notify 70 biodiversity rich community owned areas more than 6,200 hectare in extent as community reserves in Meghalaya.. Many such potential and suitable areas are proposed to be notified as Community Reserves. The Forests and Environment Department in consultation with local communities has prepared Management Plan for scientific management and conservation of some of these notified community reserves.	
156	Construction of Rain Shelter cum Tourist View Point	12 Nos.	6000000/-	72,00,000		Majority of land in Meghalaya is owned by communities and private individuals. The State therefore has a limited scope for expansion of Protected Area Network by notification of National Parks and Wildlife Sanctuaries. Notification of biodiversity rich sacred groves and such other community owned rich habitats of wildlife as Community reserve is the only hope for expansion of Protected Area Network in the State.. The activities have been proposed to ensure scientific management of the areas which have already been notified as Community Reserves and enlisting and maintaining the cooperation and support of local communities in conservation and preservation of flora and fauna in Community Reserves by creation of community assets and generation of employment opportunities by way of promotion of eco-tourism and ecologically prudent micro-enterprises	Detailed estimate are enclosed as Annexure 156	
157	Construction of Community Hall cum Interpretation cum Enterprise Development Centre along with a Separate Community Sanitary Block	20 Nos.	2000000/-	4,00,00,000			Detailed estimate are enclosed as Annexure 157	
158	<u>C. IMPROVEMENT OF THE QUALITY OF ANIMAL HABITATS AND CORRIDORS</u>							
159	Maintenance of existing salt-licks	20 Nos.	100000/-	2,00,000		To meet the requirement of the dietary mineral salt for the wild animals, artificial salt licks are proposed to be created and maintained in natural habitats of elephants and other wild animals.	Detailed estimate are enclosed as Annexure 159	

160		Creation and maintenance of new salt-licks	40 Nos.	15000/-	6,00,000				The Meghalaya is home to several species of wild flora and fauna. Except for wild elephants, scientific census to assess the existence, distribution and abundance of any of the wild animals has not been undertaken in the State, so far. In the absence of these information, it has not been possible for the State to formulate informed, effective, focused and time bound strategies and action plans for conservation and scientific management of majority of the species of wild animals. It is therefore proposed to create a credible database on existence, distribution and abundance of various species of wild animals existing in the State.	Detailed estimate are enclosed as Annexure 160
161		<u>D. CREATION OF A CREDIBLE DATABASE ON PRESENCE, DISTRIBUTION AND ABUNDANCE OF VARIOUS SPECIES OF WILD ANIMALS</u>								
162		Engagement of a biologist/expert in wildlife census on contract basis for ten (10) months in each of the four Wildlife Divisions to plan, supervise and monitor census operations and collect and the analyse data collected during such operations (10 x 4 = 40 person-months)	40 Person-months	25000/-	10,00,000				In the State having thick vegetation with low population density of majority of the wild animals, camera traps are the only viable method to capture credible and verifiable data on existence, presence and abundance of wild animals. It is therefore, proposed to purchase 100 camera traps in each of the four Divisions in Wildlife Wing of the Department.	
163		Establishment of a centralised database along with a linked mobile application to record, retain and analyse the pictures/ videos captured by the camera traps and other information relating to sighting, death, injury, rescue and release of wild animals; man-animal conflicts and wildlife offences in the State	L.S		10,00,000				To record, retain, retrieve and analyze the pictures/ videos captured by the camera traps and other information relating to sighting, death, injury, rescue and release of wild animals; man-animal conflicts and wildlife offences in the State in a systematic manner, a centralized database along with a linked mobile application is also proposed to be created. To facilitate capture of photographs of plants, animals and other important events/phenomenon relating to the wildlife, some of the frontline field staff posted in interior forest areas are proposed to be provided with a smart-phone to capture and	

164		<p>Wildlife Wing</p> <p>Purchase of trap cameras along with accessories</p>	300 Nos.	22000/-	66,00,000		<p>transmit to the centralized database the photograph and videos of wild animals, plants and other unusual/interesting natural phenomenon observed/noticed during the patrolling duty.</p> <p>To ensure that the activities relating to population estimation are undertaken in a focused and targeted manner, it is proposed to engage, on contract basis, one biologist/expert in wildlife census for ten months in each of the four Wildlife Divisions in the State to assist the Divisional Forest Officers in the afore-mentioned activities.</p>	
165		<p>Provision of smart-phones to regular staff to capture and transmit photographs of animals and plants and other natural phenomenon noted by them during patrolling and presence of staff in patrolling camps on daily basis.</p>	60 Nos	12000/-	7,20,000			
		Total			13,32,09,800			

Biodiversity Conservation, Rule 5(2)(m)								
vii)	Sl. No.	Division	Particulars of Work	Quantity	Rate	Amount(₹)	Justification	Remarks
	166	Forest Resource Survey	Forest Resources Survey Division Inventorisation of Growing Stock of 12 Nos. Sacred Groves under Khasi Hills & Jaintia Hills	636,435 Ha		20,44,300	Till date there are 133 Nos. of Sacred Groves in Meghalaya in which boundary survey had been completed. Out of this 133 Nos. of Sacred Groves, 54 Nos. Inventorisation of Growing Stock has been completed and the remaining 79 Nos. (i.e. 133 Nos – 54 Nos) are yet to be done. Therefore, in order to have a useful information such as Growing stock, numbers of trees, diameters, class, identification of trees, herbs and shrubs etc Inventorisation of the remaining Sacred Groves need to be done. Therefore for the year 2021-2022, it is proposed to carry out Inventorisation of 12 Nos. Sacred Groves under East Khasi Hills District for an area of 636,435 HA	Detailed estimate KML files are enclosed as Annexure 166
			Wildlife Wing STRENGTHENING OF THE EXISTING ECO-TOURISM INFRASTRUCTURE					
	167		Provisions of the exhibits at the buildings constructed for establishment of Nature Interpretation Centres as per the site specific plan to be prepared for each of the following Nature Interpretation Centres:				The Meghalaya is home to a fascinating array of wild animals, including major species like Asian elephant, Himalayan black bear, Gaur, Clouded leopard, Leopard, Leopard cat, Golden cat, Marbled cat, Jungle cat, Serow, Pangolin etc. As per the latest countrywide census undertaken in March 2017, the forests of Meghalaya are home to about 1,750 wild Asian elephants. The State has rich population of Western Hoolock gibbon (Hoolock hoolock), the only ape found in India. Apart from the Hoolock gibbon, the Meghalaya is home to six other primates which include Bengal Slow Loris, the only nocturnal primate of Meghalaya. Capped Langur, and four macaques - Northern Pig Tailed Macaque, Rhesus Macaque, Assamese Macaque and Stump Tailed Macaque. Insect eating Pitcher plant (Nepenthes khasiana) is naturally found in abundance at several places in Meghalaya. Numerous limestone caves in Meghalaya are home to about 70 species of bats including the nation's rarest bat species.	
	168		i) Nongpoh, Umiam, Ri-Bhoi District (Nongpoh Wildlife Range Office Complex, Nongpoh)	1 No	2000000/-	20,00,000	To create awareness about the rich flora and fauna of the State the Forests and Environments Department in the year 1993-94 from a State Sector Scheme constructed a RCC building having a plinth area of 120 sqm for establishment of a Nature Interpretation Centre (NIC) within the Lady Hydari Park located in heart of Shillong, the capital city of Meghalaya. In the year 2003-04 the Department under a State Sector Scheme constructed a 136:80 sqm plinth area interpretation at Nongpoh on the Shillong Guwahati Highway. The Department in the year 2001-02 constructed a 400 sqm plinth area Interpretation Centre at	
	169		ii) Lum Nehrui Park, Umiam, Ri-Bhoi District	1 No	3000000/-	30,00,000		

170	Wild life wing	iii) Lady Hydari Park, Shillong	1 No	3000000/-	30,00,000	<p>the entrance of the Balpakram National Park at Jaintia Sanctuary, the Power Department in the State Government constructed an Interpretation Centre in an Energy Park in the Lum Nehrui Park managed and controlled by the Wildlife Wing in the Forests and Environment Department. The said building located in close vicinity of the picturesque Umliam Lake has recently been handed over to the Forests and Environment Department. Due to paucity of funds, all the afore-mentioned four Interpretation Centres could not be furnished by providing requisite exhibits.</p> <p>To ensure productive utilisation of the buildings constructed for establishment of these nature interpretation centres, which are lying unutilized for last several years, it is proposed to establish nature interpretation centres by provision of exhibits and display materials</p>	
171		iv) Balpakram National Park (Hathisia Wildlife Complex, Balpakram National Park)	1 No	5744000/-	57,44,000		
172		Establishment of New Interpretation Centre within the Nokrek Biosphere Reserve and Narpuh Wildlife Sanctuary by:					
173		Construction of a RCC frame, RCC roof type Single Story Buildings each having a plinth area of about 400 sqm (400 sqm plinth x 2 = 800 sqm plinth area) at the existing rate of Rs. 25,643 per sqm plinth area as per the current Meghalaya Public Works Department Schedule of rates for Building Works (Jaintia Hills WL Division Sonapur)	400 sqm plinth area	25643/-	1,02,57,000	<p>The Narpuh Wildlife Sanctuary located in eastern part of the State is home to several species of flora and fauna. It is proposed to establish a Nature Interpretation Centre in the entrance to the said Sanctuary to create awareness about the rich biodiversity of the Sanctuary.</p>	
174		Provisions of exhibits and other amenities at a lump-sum rate of Rs. 70,00,000 per interpretation centre (Jaintia Hills WL Division Sonapur)	1 No	70000000/-	70,00,000		
175	Working Plan	<p>Working Plan Division</p> <p>i) Preparation Forest Type, Crown Density and other land use maps for Reserve and Protected Forests of Khasi Hills and Jaintia Hills by North East Space Application Centre</p>			29,72,500	<p>The Working Plan Code 2014 mandates the use of RS, GIS tools in forest Resource Assessment based on which management prescriptions are made for the Working Plan. This involves the use of latest technologies and skills on RS, GIS which can be prepared by dedicated centres for the same</p>	Detailed estimate and KML files are enclosed as Annexure 175

176	Working Plan	ii) Implementation of Comprehensive Forest Inventory of Garo Hills			10,84,010	The first phase of Comprehensive Forest Inventory of Garo hills was completed in 2017 but the project and compilation of the report could not be completed due to paucity of funds. The second phase of field survey requires to be completed in order to file a report on which basis only the definition of the "forests" for the state can be arrived at.	Detailed estimate and KML files are enclosed as Annexure 176
177	Working Plan	iii) Implementation of REDD Plus Project at Laitlyndop village at Sohra			5,57,235	REDD Plus project is an important tool in reducing forest degradation and enhancement of carbon stock and garnering the support of the communities in forest conservation through payment of incentives for the same.	Detailed estimate and KML files are enclosed as Annexure 177
178	Working Plan	iv) Preparation of Working Plan for Khasi Hills and Jaintia Hills			72,88,181	The National Forest Policy mandates that Forests shall be managed only on the basis of an approved Working Plan approved by the competent Authority. The present 10 year working plan shall expire by 2033-23. Therefore a new Working Plan which a very intensive, technical and time and resource consuming exercise taking 2-3 years to prepare for each, is required to be prepared before the expiry of the current Plan. The Standing Consultative Committee has already approved the Preliminary Working Plan Report for Nonguniang Reserve Forest.	Detailed estimate and KML files are enclosed as Annexure 178
179	Silviculture	Silviculture Division i) Implementation of Digital Herbarium (2nd phase) and collection of herbarium samples in East Jaintia Hills and West Jaintia Hills District, Meghalaya.			10,00,000	"Digital Herbarium of the Flora of Meghalaya" is implemented under TFC 2013-2014. The Collection of herbarium samples at present has been carried out only in East Khasi Hills district and Ri-Bhoi district. The herbarium specimens are required to be collected from Garo Hills and Jaintia Hills in order to complete the project and file a report.	Detailed estimate and KML files are enclosed as Annexure 179
180	Silviculture	ii) Creation of planting plots (40 Plots) in the vacant space at Nohrum Village for restocking of Pitcher Plants (Nepenthes khasiana) in its known natural habitats by planting fully harden in-vitro germinated pitcher plant seedlings.			4,89,200	Nepentheskhasiana is an endemic species found in Meghalaya. The population of Nepentheskhasiana is dwindling from its habitat due to over exploitation by the public. For conservation and restocking of Pitcher Plants (Nepenthes khasiana) in its known natural habitats and to maintain a viable population of the species in its natural habitat the species is being developed in tissue culture laboratory at Upper Shillong and introduced to its natural habitats. (Proposed based on Ministry of Environment, Forest and Climate Change's D.O. No.14-22/2020(SU), Dated: 28th July, 2020)	Detailed estimate .KML files and certificates of consent are enclosed as Annexure 180

181	Silviculture	<ul style="list-style-type: none"> iii) In vitro propagation of some important rare and threatened trees of Meghalaya. <ul style="list-style-type: none"> i) <i>Ilex venulosa</i> ii) <i>Cephalotaxusmanii</i> iii) <i>Elaeocarpus prunifolius</i> iv) <i>Pyrenaria cherrapunjeana</i> 			4,00,000	The rapid depletion of the rare and endangered species from their natural habitats demands immediate strategies for their conservation. The overall objective will be standardization of plant tissue culture protocol and in vitro propagation of the selected tree species and thereby introduction to their natural habitats to maintain a viable population of this dwindling population of the species.	Quotation and KML files are enclosed as Annexure 181
182	Silviculture	<ul style="list-style-type: none"> iv) Construction of shade net house at Micro propagation centre, 4 ½ Mile Upper Shillong. 	1 No		3,98,915	For planting stocks developed in Plant Tissue Culture laboratory to establish in a natural habitat, the in vitro raised seedlings require a hardening period before being introduced to the wild. The Micro propagation centre 4 ½ Mile Upper Shillong currently have only one Shade net house which is not sufficient for the establishment and hardening of the in-vitro raised plantlets. Hence, an additional shade net house is required.	Quotation and KML files are enclosed as Annexure 182
183	Silviculture	<ul style="list-style-type: none"> v) Construction of orchid beds inside the Orchidarium building at the Micro propagation centre 4 ½ Mile Upper Shillong. 	132 RM		1,50,000	Orchid beds with controlled conditions of moisture, soil, nutrient supply, drainage mimics the natural conditions of its habitat and enables the in vitro raised planting stock to adapt to a more natural conditions outside of its growth medium in the laboratory and contribute greatly to the success of the project. It also prevents the in vitro raised seedlings from microbial and fungal diseases borne from incorrect growing conditions.	Detailed estimate and KML files are enclosed as Annexure 183
		Total			4,73,85,341		

i) Items of work under Rule 5 (3) of CAF Rules, 2018					
(i) Establishment, up-gradation and maintenance of modern nurseries and other planting stock production facilities for production of quality planting material, Rule 5(3)(a) and production and distribution of quality planting material through certified nurseries at subsidised price for promotion of trees outside forests on Government lands promoted by State Government, Rule 5(3)(j)					
i) CREATION OF NURSERY UNDER SCHOOL NURSERY YOJANA (to be implemented by Social Forestry Wing)					
SL. No	Division	Particulars of Work	Quantity	Amount(₹)	Remarks
<u>DFO, SF, WILLIAMNAGAR</u>					
181(a)	(SF), Williamnagar	School Nursery Yojna @ 25,000 x 12 = 3,00,000	12 Nos	3,00,000	Detailed estimate, KML files certificates of consent are enclosed as Annexure 181 (a)
<u>DFO, SF&T, NONGSTOIN</u>					
182(b)	(SF&T), Nongstoin	School Nursery Yojna @ 25,000 x 35 = 3,00,000	35 Nos	8,75,000	Detailed estimate KML files and Certificate of concent are enclosed as Annexure 181 (b)
<u>DFO, SF, NONGPOH</u>					
183(c)	(SF), Nongpoh	i) School Nursery Yojana @ 18650 x 22	22 Nos	4,10,300	Detailed estimate and KMI files are enclosed as Annexure 183 (c)-184
184	(SF), Nongpoh	ii) Awareness programme and technical input for maintaining of nursery and maintenance of plants raised etc for 1 school @6350/- school		1,39,700	
<u>DFO, SF, WILLIAMNAGAR</u>					
185	(SF), Williamnagar	i) Construction of double opening H.P culvert along the approach road to Hi Tech Nursery. (3 RM)	3 RM	8,00,000	Detailed estimate are enclosed as Annexure 185
186	(SF), Williamnagar	ii) Construction of main gate to Hi tech nursery along the New Approach Road.	1 No	5,00,000	Detailed estimate are enclosed as Annexure 186



187	(SF), Williamnagar	iii) Construction of RCC Overhead Tank of 15000 litres in Hi Tech Nursery.	1 No	6,00,000	Detailed estimate are enclosed as Annexure 187
188	(SF), Williamnagar	iv) Construction of Ring well at Hi Tech Nursery.	1 No.	5,00,000	Detailed estimate are enclosed as Annexure 188
189	(SF), Williamnagar	v) Outdoor Solar lighting at Hi Tech Nursery complex. (15 Nos)	15 Nos.	5,00,000	Detailed estimate are enclosed as Annexure 189
		Total		46,25,000	

id) & iii)		Infrastructure for Frontline Staff engaged in Forest Protection, Rule 5 (3) (d)&(e)				Remarks	
Sl. No.	Division	Particulars of Work	Quantity	Rate in Rupees	Amount (₹)	Justification	
190	(T), WN	East & North Garo Hills (T) Division, Williamnagar i) Construction of Quarter for Range Forest Officer, Simsangre Range	1 Nos	4500000/-	45,00,000		Detailed estimate, Kml files are enclosed as Annexure 190
191	(T), WN	ii) Repair & Renovation of Inspection Bungalow	2 Nos	2000000/-	4,00,000		Detailed estimate, Kml files are enclosed as Annexure 191-192
192	(T), WN	iii) Repair/Renovation of Beats & Sub Beats	4 Nos	2000000/-	8,00,000		
					57,00,000		
193	Training	Training Division i) One Block - 4 Units Grade-III Quarter (Double Storey)	200m ²		46,53,000	Currently, Baiza campus is having 5 Nos Grade-IV Quarters, 2 Nos Grade-II Quarters & 1 Nos Grade-I Quarters. Hence, there is urgent requirement of the Grade III quarters for Grade-III Staff. Ground Floor: At present there is no Assistant Instructors Quarters, (2 nos). Therefore, it is required. Area-(50+50) m2 1st Floor: At present there is no Lower Division Assistant & Driver Quarters. therefore it is required in the campus. Area: (50+50) m2	Detailed estimate and Kml files are enclosed as Annexure 193
194	Training	ii) Over Head water tank of capacity 15000 lit	1 unit		5,50,000	Overhead water tank is essential in the campus to store enough water during dry season to retain water for the campus and to provide continuous water supply to the Quarters and Hostels.	Detailed estimate and Kml files are enclosed as Annexure 194
195	Training	iii) Construction of Bathroom for Hostel No-2	12.65m ²		4,61,400	Currently, Hostel No-2 is not having bathrooms. 12.65m2 RCC	Detailed estimate and Kml files are enclosed as Annexure 195
					56,64,400		

196	(T), Shillong	East Khasi Hills & Ri-Bhoi (T) Division, Shillong i) Construction of staff quarters at Forest Colony	6 units	1658217	99,49,300	99,49,300	Detailed estimate are enclosed as Annexure 196
		Jaintia Hills (T), Division, Jowai					Detailed estimate, Kml files and photo are enclosed as Annexure 197
197	(T), Jowai	i) Construction of Septic Tank for the Forest IB at Lumpynggad (Passadwar)			1,00,000		Detailed estimate, Kml files and photo are enclosed as Annexure 198
198	(T), Jowai	ii) Repairing of Range Officer Quarter at Lumpynggad (Passadwar)			5,00,000		Detailed estimate and photo are enclosed as Annexure 199
199	(T), Jowai	iii) Repairing of Beat Office at Kynjlat Beat			5,00,000		Detailed estimate and photo are enclosed as Annexure 200
200	(T), Jowai	iv) Repairing of Forest Barrack at Kynjlat Beat			5,00,000		Qotation are enclosed as Annexure 201
201	(T), Jowai	v) Purchasing and installing of solar energy power system at Kynjlat Beat Office and Range Office			5,00,000		Qotation are enclosed as Annexure 202
202	(T), Jowai	vi) Purchase of Wooden Boat for used on official duty (Range Office Passadwar)			1,00,000		Qotation are enclosed as Annexure 203
203	(T), Jowai	vii) Construction of Base Camp in Compartment 8 of Saipung RF.			3,20,000		Detailed estimate are enclosed as Annexure 204
204	(T), Jowai	viii) Construction of Toilet in Jongria Beat Within Saipung RF.			1,25,000		

205	(T), Jowai	ix) Construction of Toilet in Saiba Beat Within Saipung RF.		1,25,000		Detailed estimate are enclosed as Annexure 205
206	(T), Baghmara	South Garo Hills Division, Baghmara i) Construction of RCC staff quarter (Angratoli Beat, Dumnikura Sub-Beat, Southern Range, Rewak Beat, Masighat Sub-Beat)	1 units @ 1558000 lakhs/unit	15,58,000		Detailed estimate and Kml files are enclosed as Annexure 206
207	(T), Baghmara	ii) Repairing of Staff quarters (Southern Range, Rewak Sub-Beat, Mandal Gitok Check Gate, Angratoli Beat, Bengkaili Sub-Beat)	1 units @ 400000 lakhs /unit	4,00,000		Detailed estimate and Kml files are enclosed as Annexure 207
208	(T), Baghmara	iii) Construction of ring well (Meath Sub-Beat, Bobhanipur Sub-Beat, BilkonaSub-Beat, Angratoli Beat, Gobrakura Sub-Beat)	3 units @ 165000 lakhs /unit	4,95,000		Detailed estimate, Kml files are enclosed as Annexure 208
209	(T), Baghmara	iv) Construction of Sanitary Latrine (Bobhanipur Sub-Beat, Masighat Sub-Beat, Rewak Sub-Beat, Meatha Sub-Beat, Southern Range, Angratoli Beat, Gobrakura Sub-Beat, Gasuapara Check Gate)	8 units @ 100000 lakhs /unit	8,00,000		Detailed estimate and Kml files are enclosed as Annexure 209
210	(T), Tura	West & South West Garo Hills (T) Division, Tura i) Construction of Tura Range Office (including GST @ 12% work contract)		44,80,000		Detailed estimate and Kml files are enclosed as Annexure 210
211	(T), Tura	ii) Septic tanks forone staff quarters mentioned above @86,643/- (including GST @12%)		86,643		Detailed estimate and Kml files are enclosed as Annexure 211
				45,66,643		

212	Silviculture	Construction of latrine cum toilet with septic tank at Umjapung, (Nymphaea terragona Information Center), East Khasi Hills District.	1 no.		2,50,000	The site do not have a toilet for use by staff at present and the staffs protecting the area require a toilet nearby for staff for use during their duty.	Detailed estimate, Kml files, certificates of consent, NOC are enclosed as Annexure 212
213	Forest Utilization	<u>Forest Utilization Division</u> Demolition and construction of Integrated Range & Beat Office building along with conference block at the existing place (Oakland).	1 No. (3 storey RCC Building)		50,00,000		Detailed estimate, Kml files are enclosed as Annexure 213
214		<u>Wildlife Wing</u> <u>UPGRADATION OF INFRASTRUCTURE AND PROVISION OF AMENITIES TO STAFF INVOLVED IN MANAGEMENT OF WILDLIFE AND THEIR HABITAT IN THE STATE</u>			50,00,000		
215		i) Repair of old dilapidated departmental buildings utilised by frontline field staff at an average cost of Rs. 2.00 lakh per building as per building specific detailed estimates to be prepared for each building	10 Nos.	2000000/-	20,00,000	Hot and humid climate and a long rainy season results in speedy decay and damage to residential quarters for the frontline field staff involved in protection and conservation of the elephants and their habitat are subject to speedy natural decay and damage. These quarters therefore need regular repair and maintenance.	Detailed estimate and Kml files are enclosed as Annexure 215

216		<p>ii) Construction of two unit residential quarters each of 80 sqm. plinth area to provide accommodation to frontline field staff upto the rank of Forest Ranger at the existing rate of Rs. 25,643 per sqm plinth area as per the current Meghalaya Public Works Department Schedule of rates for Building Works</p>	4 Nos.	2051440/-	82,05,760	<p>Due to hot and humid climate and a long rainy season, residential quarters for the frontline field staff involved in protection and conservation of wildlife and their habitat need regular repair and maintenance. Due to non-availability of adequate funds it has not been possible for the Department to ensure timely maintenance of several such buildings. Many of these buildings are therefore presently in dilapidated conditions and are beyond repair. It is therefore proposed to construct eight (@ two residential accommodations in each of the four Wildlife Divisions in the State) buildings to provide descent, comfortable and safe accommodation to the frontline field staff deployed in remote areas for protection of the wildlife and their habitat.</p>	Detailed estimates and Kml files are enclosed as Annexure 216
217	Working Plan	<p><u>Working Plan Division</u> Construction of Transit Camp for Survey Party at Survey Party Range, Working Plan Division</p>			29,23,415	<p>The survey party have to travel days on end for survey of forests and gets back at odd hours after the survey work and most staff reside on the outskirts of the city. The transit camp will also ensure the survey party reach the survey areas in time. The building also has a provision for a garage to keep the departmental vehicles safe which at present the Division do not have. It also has provision to upgrade the REDD Plus Cell. (GPS N25 35'12.4/E91° 53'18.2)</p>	Detailed Estimates and Kml files are enclosed as Annexure 217
					1,02,05,760		
					29,23,415		

218	Forest Resource Survey	<p align="center">Forest Resources Survey Division</p> <p>i) Minor Repair of 4 Nos. of Frontline Staffs Quarters at Forest Colony, Polo, Shillong</p>		4 Nos.	200000/- per quarter	8,00,000	<p>Frontline staffs dedicate their service for Protection and Management of Forest Resources. They carried out field works even during the rain, sun and especially during winter where there is Forest Fire and also during fire prone season. They are the staff who attended to every needy for the conservation and Management of Forest Flora and Fauna. Under Forest Resources Survey Division, Shillong. There are 5 Nos. of Frontline staffs Government Quarters allotted to Frontline staff (i.e. Forest Guard and Grade IV staff). As they are dedicate their life for Protection and Management of Forest, they also need good shelter for their families and for themselves. The quarters occupied by them at present are in a bad shape and need repairing (like painting, distemping, minor electrical work etc. repairing of broken door and windows etc. Therefore, it is hereby propose under Annual Plan of Operation (APO) 2021-22 of CAMPA Fund for repairing/renovation the 5 Nos. Frontline staff quarters located at Mawpun, Shillong under the jurisdiction of Divisional Forest Officer, Forest Resources Survey Division, Shillong.</p>	<p>Detailed estimates, Kml files are enclosed as Annexure 218</p>
219	Forest Resources Survey	<p>ii) Major Repair of 1 No. Frontline Staffs Quarters at Mawpun, Golfink, Shillong</p>		1 No.	350000/- per quarter	3,50,000		<p>Detailed estimates, Kml files are enclosed as Annexure 219</p>
		DFO, SF, Jowai						
		Major works of Building						
220	(SF), Jowai	<p>i) Dismantling of old existing Range Office at Jowai & reconstruction of a new one in its place.</p>		1 No		25,00,000		<p>Detailed estimate and Kml files are enclosed as Annexure 220</p>
		Maintenance of Building						
221	(SF), Jowai	<p>ii) Renovation & repair of R.O Quarter at Shangpung Range.</p>		1 No		1,00,000		<p>Detailed estimate and Kml files are enclosed as Annexure 221</p>
223	(SF), Jowai	<p>iii) Renovation & repair of staffs Quarter for all Ranges.</p>		4 Nos		4,00,000		<p>Detailed estimate and Kml files are enclosed as Annexure 223</p>

					30,00,000		
<u>DFO, SF&T, BAGHMARA</u>							
224	(SF&T), Baghmara	i) Repairing of Range Officer quarter at Khondok range	1 Unit		4,00,000		Detailed estimate and Kml files are enclosed as Annexure 224
225	(SF&T), Baghmara	ii) Repairing of Range office of Khondok Range	1 Unit		5,00,000		Detailed estimate and Kml files are enclosed as Annexure 225
					9,00,000		
<u>DFO, SF, NONGPOH</u>							
226	(SF), Nongpoh	i) Construction of Ring well Pipe Line connectivity for the Staff Quarter Under Nongpoh Range	1 Nos.		2,50,000		Detailed estimate, Kml files and NOC are enclosed are enclosed as Annexure 226-227
227	(SF), Nongpoh	ii) Construction of Staff Grade IV quarter	2 Nos.		20,00,000		
					22,50,000		
<u>DFO, SF, WILLIAMNAGAR</u>							
228	(SF), WN	i) Construction of Boundary Brick Wall in Williamnagar Childrens Park. (500 RM)	500 RM		31,97,279		Detailed estimate are enclosed as Annexure 228
229	(SF), WN	ii) Quarter repairing of Frontline Staff @ 2,50,000 x 4 Nos = 10,00,000.00	4 Nos.		10,00,000		Detailed estimate are enclosed as Annexure 229
					41,97,279		
<u>DFO, SF, SHILLONG</u>							
230	(SF), Shillong	i) Construction of Poly House under Shillong Range adjacent to Divisional Forest Officer, Training Division Quarter	1 No		10,94,775		Detailed estimate and Kml files are enclosed as Annexure 230

231	(SF), Shillong	ii) Construction of Rest Shed under Mawkynrew	1 No		3,67,000		Detailed estimate and Kml files are enclosed as Annxure 231
232	(SF), Shillong	iii) Construction of toilet at Range office, Laidiengsai under Mawkynrew Range	1 No		94,200		Detailed estimate and Kml files are enclosed as Annxure 232
233	(SF), Shillong	iv) Construction of Toilet at Sohlawai Nursery under Mawkynrew Range	1 No		94,200		Detailed estimate and Kml files are enclosed as Annxure 233
234	(SF), Shillong	v) Construction of septic tank and soak pit at Sohlawai and Laidiengsai under Mawkynrew Range (₹1,80,000 x 2) = ₹ 3,60,000	1 No		3,60,000		Detailed estimate and Kml files are enclosed as Annxure 234
235	(SF), Shillong	vi) Construction of overhead RCC water storage tank for irrigation purpose at Central Nursery Polo under Shillong Urban Beat	1 No		5,10,760		Detailed estimate and Kml files are enclosed as Annxure 235
					25,20,935		
		DFO, SF&T, NONGSTOIN					
236	(SF&T), Nongstoin	i) Renovation and repair of 3 nos Quarter, + 1 RFO Quarter@ Rs. 4,00,000/each	4 Nos.		16,00,000		Detailed estimate and Kml files are enclosed as Annxure 236
					16,00,000		
		Total			6,59,00,732		

iv) Publicity-cum-awareness programme, Rule 5 (3) (i)						
Sl. No.	Division	Particulars	Rate	Amount (₹)	Remarks/Justification	Remarks
237	Training	Training Division QGIS training for the officer at the Rank of Range officer and Assistant Conservator of Forest	(1 No. Course of 5 days duration) (10 Nos of Trainees per Course) (1Unit)	1,64,500	QGIS software use for the preparation of map need to be imparted to the officer at the Rank of Assistant Conservator of Forest & Range Forest Officer. This training will help them in preparation of report or maps which involves GIS application.	Detailed estimate are enclosed as Annexure 237-238
238	Training	Training of Ministerial Staff on Establishment matters	(1 No. Course of 5 Days Duration) (18 Nos Trainees per Course) (1 Unit)	1,03,500	Training is required to provide training on the establishment matters to ministerial staff to improve the functioning and efficiency of the respective offices.	
		Total		2,68,000		

v)	promoting conservation, sustainable use and documentation of biological diversity including preservation of habitats, conservation of land and folk varieties and cultivars, domesticated stocks and breeds of animals and microorganisms and chronicling of knowledge relating to biological diversity Rule 5(3)(b)				
Sl. No.	Division	Particulars of Work	Rate in Rupees	Amount (₹)	Remarks
239	Meghalaya Biodiversity Board	Hosting of Application Software & Mobile App on People's Bio-Diversity Register		5,00,000	Detailed estimate are enclosed as Annexure 239
		a) Application Server	1,86,317.28		
		b) Database Server	2,95,066.08		
		c) Over head expenditure	18,616.64		
Total				5,00,000	

i) COMPENSATORY AFFORESTATION:				
Sl. No.	Division	Particulars of Work	Quantity	Amount sought under Rule 6(i)a
240	(T), WN	<u>East & North Garo Hills (T) Division, Williamnagar</u> i) Cost Escalation for Preliminary Year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Construction of Bridge No 4/2 over Rongap River on RSN Road (FP/ML/ROAD/26840/2017)-0.0474 Ha (Rule 6(a)(i))	0.2 Ha	2,066
241	(T), WN	ii) Cost Escalation for Preliminary Year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Construction of 132 Kva Transmission Line from Nangalbibra to Mendipathar - 4.7 Ha (Rule 6(a)(i))	10.0 Ha	2,72,000
242	(T), WN	iii) Cost Escalation for Preliminary Year of Plantation & First Year Creation of Nursery (2 Polypot & 1 Naked root bed per Ha) as Compensatory Afforestation for Diversion of 0.04 of Forest land for const. of Zonal Water reservoir in Rongengiri Reserve Forest of East Garo Hills district - 0.04 Ha (Rule 6(a)(i))	0.8 Ha	2,251
243	(SF&T), Baghmara	<u>SF&T South Garo Hills, Baghmara</u> RCC demarcation of pillar		1,38,000
				4,14,317

3) Items of work under Rule 6 of CAF Rules, 2018

Sl. No.	Division	Particulars	Amount (₹)		
244	Head Office	Payment of Contractual emoluments to the following staff:			
		a) Accounting Assistant (CAMPA) - @ ₹18,000/- × 12 months × 1 No.	2,16,000		
		b) Part Time Assistant to Accountant Rs 5000 x 12 months x 1 No.	60,000		
		c) Data Entry Operator (CAMPA)- @ ₹ 18,000/- × 12 months × 1 No.	2,16,000		
		d) Project Associate (CAMPA)- ₹ 24,000/- × 12 months × 1 No.	2,88,000		
		e) GIS Scientist - ₹ 30,000/- × 12 months × 1 No.	3,60,000		
		f) Driver - ₹15030/- × 12 months × 1 No.	1,80,360		
		g) Peon - ₹10800/- × 12 months × 1 No.	1,29,600		
245			Office Expenses for FC Act/CAMPA Cell including cost of stationery, consumables and other office equipment etc.	10,00,000	
246			Expenditure for outsourcing the exercise of geotagging the items of work and uploading them in FSI website to enable the remote monitoring	10,00,000	
247		TA and DA for officers undertaking tours on account of CAMPA related visits chiefly monitoring, inspection and evaluation	4,00,000		
248		Tents and other camping material for internal auditing team	2,00,000	Quotation are enclosed as Annexure 248	
249		Drone for monitoring and evaluation of CAMPA items	1500000	Detailed estimate are enclosed as Annexure 249	
250		M&E by third party organisation	15,00,000		
TOTAL			70,49,960		