

# Vote:157 National Forestry Authority

## VI: Vote Overview

### (i) Snapshot of Medium Term Budget Allocations

**Table V1.1: Overview of Vote Expenditures**

Billion Uganda Shillings	FY2017/18 Outturn	FY2018/19		FY2019/20 Proposed Budget	MTEF Budget Projections			
		Approved Budget	Spent by End Sep		2020/21	2021/22	2022/23	2023/24
Recurrent Wage	5.400	5.400	1.348	5.400	5.670	5.954	6.251	6.564
Non Wage	0.081	5.086	0.037	5.086	5.849	7.019	8.423	10.108
Devt. GoU	4.344	5.883	0.282	5.883	7.060	7.060	7.060	7.060
Ext. Fin.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
<b>GoU Total</b>	<b>9.824</b>	<b>16.369</b>	<b>1.668</b>	<b>16.369</b>	<b>18.579</b>	<b>20.032</b>	<b>21.734</b>	<b>23.731</b>
<b>Total GoU+Ext Fin (MTEF)</b>	<b>9.824</b>	<b>16.369</b>	<b>1.668</b>	<b>16.369</b>	<b>18.579</b>	<b>20.032</b>	<b>21.734</b>	<b>23.731</b>
<i>A.I.A Total</i>	8.063	24.184	1.789	24.038	25.100	26.200	27.300	28.400
<b>Grand Total</b>	<b>17.887</b>	<b>40.554</b>	<b>3.457</b>	<b>40.407</b>	<b>43.679</b>	<b>46.232</b>	<b>49.034</b>	<b>52.131</b>

### (ii) Vote Strategic Objective

To improve management of the Central Forest Reserves, expand and promote partnership arrangements, ensure equitable supply of forest & non-forest products and services and enhance organizational sustainability

## V2: Past Vote Performance and Medium Term Plans

### Performance for Previous Year FY 2017/18

NFA contributed to forestry sector outcomes for improved management of Central Forest Reserves (CFRs), weather, climate and climate change management, protection and restoration of environment and natural resources. Compared to rolling targets from NFA business and strategic plan (2015-2020), 37.2% of CFRs boundary length (446km) was resurveyed and marked with concrete pillars during FY 2017/18. 21.6% of degraded natural forest cover (2,160ha) was restored and 32.4% of industrial tree plantations (3,563.5ha) were established on CFRs. 815ha was established by NFA and 2,748.5ha by licensed tree farmers. Key performance outputs achieved were categorized into; -management of CFRs, forest plantations establishment and management and supply of seeds and seedlings.

Management of Central Forest Reserves; 446km of the planned 500km of CFRs boundary was re-surveyed and demarcated with concrete pillars. 2,160ha of the planned 2,236ha were restored through restoration planting with indigenous tree species. 8,557.5ha of the planned 13,400ha was freed from encroachment through stakeholder engagements and legal means. 1,954ha of the planned 882ha of restoration planting was weeded. 3,277.4ha of the planned 2,000ha including 135ha Carbon blocks in Rwoho under the World bank Project and 244ha affected by the construction of oil roads through Rwengeya Kaniyo-Pabidi block in Budongo CFR in Bunyoro sub-region were inventoried.

Plantations establishment and management; 3,563.5ha of the planned 1,167ha of new tree plantations were established. 945ha of the planned 7,256ha of tree plantations were weeded and 534ha of the planned 2,906ha of tree plantations were thinned and pruned. 186km of the planned 602km of tree plantations fire lines/roads were reopened and maintained.

Supply of seeds and seedlings; 20,923,958 of the planned 30,862,965 assorted seedlings were produced and supplied for tree planting from 12 NFA regional tree nurseries and increasing tree cover across the country. 9,810,457 of planned 9,487,965 were produced for sale and NFA planting while 11,113,501 of the planned 21,375,000 were produced and supplied under the National Community Tree Planting Program (NCTPP)

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## Performance as of BFP FY 2018/19 (Performance as of BFP)

### Management of CFRs

508.5ha of restoration planting weeded (5ha-Akur, 3.5ha-Mt.Moroto, 500ha-Mabira), 45ha restoration planting (20ha-Lufuka, 10ha-East Mabira, 8ha Namatale, 2ha –Busamaga and 5ha-West Bugwe CFRs), 4,256.4ha freed from forest encroachment (4,082.4ha-Kyoga, 40 Lakeshore, 40ha-Achwa and 66ha-westnile CFRs, 28ha-Karamoja). 60 Sensitization meetings were conducted and in attendance were 3,125 participants; men -1,538, women-1,347 & youth-240. 17.5km-Mpinve CFR in Mubende. Procurement of 600 boundary demarcation pillars proceeded boundary survey/opening, 1FMP for 16CFRs in Agoro-Agu Forests Management plan 2018-2028 was approved by NFA BOD. 40km of forest roads constructed in Rwoho CFR and 80km of roads maintained in Rwoho. 4CFM agreements signed (3 in Taala CFR in Kyankwanzi district and 1 in Luvunya CFR in Namayengo district.30 meetings (739 men & 647 women), 1 CFM meeting (15-men & 8 women), 1 meeting (18 –Men & 7 women). 1MOU (NFA & UNRA) in Kasenyi CFR for raising planting seedlings along the new oil roads. 3,330 tourists (1,876-Adrift-Kalagala CFR, 376-Kalinzu CFR (205 women & 171 men) Chimp tracking-1,454; Men-607, Women-847. Habituation-3; Men2, Women-1, Guided Walks-98; Men-41, Women-57  
Birding-25; Men-13, Women-12, Accommodation-478; Men-223, Women-255

### Plantations establishment and management

6,580ha demarcated fo tree farmers (5,930ha in Kijuna, Kanaga, Nyabiku, Kagombe, Bujawe, sirisiri, Nyakunyu, Kasongoire and Ibambalo covering 120km in Budongo range and 650ha in Maruzi-Achwa. 250ha established by NFA ( 50ha -Rwoho/Mbarara ,200ha- Mwenge plantations ), 883.2ha established by licensed tree farmers (Wankweyo-246.9, Musamya-3.4, Mpinve-32.2, Kasana Kasambya-98.7, Kasagala-314.5, Kasa-128, Kagogo-56.5 and Bulondo-3ha). 3,481ha of tree plantations weeded ; Katugo-337ha of seed stands, Mafuga 240ha Kirima 200, muko 60ha Lendu 816ha, Katugo 100, S/Busoga 10, Mwenge 170, bugamba 80, Rwoho 300, okavureru 84ha, south Busoga 10ha, 30ha-Aabera CFR, 50ha-Nyakunyi and Sirisiri CFRs, 30ha Singo hills, 2ha Bukedea, 1ha Mabira-Najjembe, 10ha –Ozuba, 5ha-Arua plantation. and 946ha spot weeding (Mafuga 50ha Lendu 816ha, bugamba 80ha)], 634ha thinned ( Bugamba -80ha, Rwoho-30ha, Mafuga-314ha, Mwenge-150, South Busoga- 10ha, 50ha-Mwenge), 579ha pruned (Mafuga -314ha, Bugamba -80ha, Rwoho -30, Mwenge -150, South Busoga- 5ha), 196km of fire lines maintained (Mafuga- 41, Mwenge -35, Lendu -40, Rwoho- 80)

### Supply of seeds and seedlings

1,718,653- Seedlings produced for sale and own NFA planting -NTSC Namanve (40,793-fruits, 799,609-pine, 80,703-Eucalyptus clones, 565,372-Euc spp, 204,796-Other spp, 11,800-ornamentals and 15,582-Bamboo.), 250,550-Mbarara, 113,770-Mwenge-Kagora.339,595 Seedlings were sold; -18 Females received 63,024 assorted seedlings, 883 males -260,420 seedlings and 30 institutions received 16,151. 4,542,553 seedlings raised under GoU CTPP (800,000-Budongo; Masindi, Kagadi and Hoima nurseries, 1,260,500-Kyoga; Jinja & Mbale nurseries, 707,311-Sangobay; Masaka nursery, 50,000-Karamoja; Moroto nursery, 624,000-Lakeshore;Nandagi nursery, Muzizi-500,742, South west-600,000 seedlings).612,425 assorted seedlings were supplied for planting during the NFA/URA tax awareness week (86,380-Kyoga, 18,450-Karamoja, 58,025-Lakeshore, 431,313-West Nile, 18,257-South west).A total of 230,821 assorted seedlings were supplied under NCTPP;-48 females received 73,669 seedlings, 82 males received 124,126 seedlings, 24 institutions received 33,026 seedlings. 290kg of assorted seed produced for direct sale; (240.3kg-Local seed, 11kg-Maesopsis emnii, 20.8kg-Grevillea spp, 5.8kg-local pine, 4.4kg Euc.G SA, 6.4kg euc.G local, 0.9 kg other Euc.spp) and 770kg of assorted seed supplied under NCTPP; (12.1kg-local pine, 7.1kg euc.g SA, 1.9kg local euc, 4.1kg-grevillea, 560kg-maesopsis emnii, 184.7kg-local seed).

## FY 2019/20 Planned Outputs

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NFA plans to undertake the following interventions during the FY 2019/20 as per the key performance thematic areas here listed below.

Improved management of Central Forest Reserves: - 695km of forest boundaries resurveyed and demarcated with 3,475 concrete pillars (116.6km-West Nile, 20km –Karamoja, 100km–Achwa, 138.3km-Lakeshore, 91.275km-Muzizi, 150km -Kyoga, 70.2-Budongo and 30km in Sango Bay.

4,120ha planned for restoration planting with indigenous trees (Karamoja-60ha, South West- 80ha, West Nile-290ha, Achwa-300ha, Lake Shores-1,100ha, Muzizi -470ha, Kyoga- 200ha, Budongo-1500ha and Sango Bay 120ha;

6,000ha under restoration planting maintained (Karamoja- 175ha, West Nile -540 ha, South West- 97.5ha, Achwa- 200ha, Lakeshores-2,326 ha, Muzizi -250ha, Kyoga -200ha and Sango Bay -120ha; 10,530ha of CFRs freed from encroachment in 9 management Ranges in the country and 61,500ha managed under Collaborative Forest Management (CFM) agreements.

Establishment of tree plantations:- 1,550ha of commercial tree plantations established by NFA through contracting local communities neighboring CFRs (Mafuga 150, Mbarara 200, Mwenge 150, Lendu 500, S/Busoga 100, Opit 100ha, 200ha Achwa, 50ha Kyoga and West Nile 100ha) and 50,280ha of tree plantations established by licensed tree planters in CFRs.

Plantation management:- 4,722ha of tree plantations tended by weeding (Mafuga, Mbarara Mwenge, Lendu, Katug, South Busoga, Opit, West Nile, Achwa, Kyoga, Muzizi, Budongo and South West).

825ha pruned and thinned (Mafuga 400, Mbarara 125, Mwenge 97, Katugo 48, Lendu 60, S/Busoga 50).

54,472ha demarcated and mapped for licensed tree farmers (segregated by gender and equity) in CFRs (South Busoga 500 and opit 3600ha; Achwa 18,195ha , Budongo 5,050ha ,Kyoga 3,755ha, Lake Shores 3,040ha Muzizi 4,925ha , Sango Bay 9,510ha ,and West Nile 5,897ha; 240km of Fire lines/plantation roads maintained and 10,824ha of NFA plantations protected from fires.

Supply of tree seeds and seedlings:

36,400,000 quality seedlings produced and equitably supplied to support mass tree planting by especially the vulnerable and poor forest adjacent communities for forest cover increase in the country.

25,300,000 quality seedlings of assorted species equitably supplied under Community Tree Planting Program to support mass tree planting (Mafuga-1,000,000; Mbarara-1,500,000; Mwenge-1,000,000; Katugo-700,000; S/Busoga-700,000, NTSC-5,000,000 and Karamoja -500,000, South West-1,200,000, West Nile- 2,400,000, Achwa -2,200,000, Lakeshore -2,000,000, Muzizi -3,300,000 ,Kyoga- 2,000,000, Sango Bay -300,000 and Budongo-1,500,000 (Masindi 500,000, Hoima 500,000 and Kibaale 500,000); 11,100,000 quality seedlings sold for industrial plantations establishment ( Mafuga 200,000, Mbarara 500,000, Mwenge 500,000, Katugo 600,000; S/Busoga 400,000, NTSC- 4,500,000, Karamoja 100,000, West Nile 700,000, Achwa 500,000, Muzizi 900,000 , Kyoga 1,100,000, Sango Bay 500,000 and Budongo 600,000 13,246kg of seeds (assorted species) from managed seed sources supplied under CTPP and 7,202kg sold to support industrial forestry.

Ecotourism:- Demarcation and mapping of 75 ecotourism sites for licensing under Private-Public Partnerships including community ecotourism sites in Budongo, Mabira Muko, Lutoboka, Bugoma Kitubulu Kalagala and Nile Bank, Kalinzu , Kyewaga, Kajjansi , Mbale , Buuka , Kasana-Kasambya ; Kabale , Mpanga Ntungamo Buvuma Echuya , Gangu , Kisisita , West Bugwe Laura , Arua , Kadam , Kimaka , Kampala , Kumbu Mbarara , Bukaleeba Itwara Kaduku Matiri, Moroto, Mt.Kei , Nyangea Napore , Fortportal Kasyoha Kitomi, Buto Buvuma, Kagombe and North Rwenzori.

Ecotourism management of 2 NFA ecotourism sites in Budongo and Kalinzu 100km of tourist trails maintained (Bugoma 30km, Mpanga 10km, Busingiro 10km, Mabira 30km and Kalinzu 20km); 25,000 gender segregated tourists from 77 operational ecotourism sites in CFRs

Forest Law enforcement and governance:- 421-Forest protection personnel including Community patrol teams, Environmental Police and UPDF:- South West 57 (Kalinzu 20, Kasyoha Kitomi 18 and 19 UPDF), West Nile 41 (Pakwach 15, Maracha 8, Mt. Kei 8 and Otze/Zoka 10), Achwa 42, Muzizi 47, Lakeshore 55, Budongo 77 (Hills 7, Budongo 36, Kisindi 25, Kagadi 15), Kyoga 45 (Teso 12, West Bugwe 9, Jinja Bunya 8 and UPDF/EPF 16), Sango Bay 36 and Karamoja 21.

Engagements with LGs, Justice Law and Order Sector for improved prosecution of forestry crimes and reduction of illegal activities have been made and also training and capacity building for forestry law enforcement to all field staff

Partnerships: - NFA will continue to undertake Gender and equity principles, mainstreaming of environment, HIV and Climate change while strengthening conservation and livelihood partnerships with local communities, Conservation organizations, academic institutions, Government projects, Local governments/districts, Central government, Parliament and Water Environment sector working group.

Forest Management Planning:- NFA Business and strategic Plan (2020-2025) reviewed in compliance with National Development Planning, GIS Land cover mapping 2018 conducted to support REDD+ and climate change in the country, 5FMP approved by NFA BOD and Minister of Water and Environment, 12,000ha of CFR inventoried and GIS and Mapping and support to REDD+.

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## Medium Term Plans

In the medium term, NFA plans to undertake the following; Survey and demarcate 1,200Km of CFRs boundaries with concrete pillars annually; Affirmative silviculture through Restoration planting of 2000ha of degraded natural CFRs; Strengthen protection of natural forests -800,000 against illegal activities; Develop NFA eco-tourism base in partnership with the private sector; Maintenance of 15,000ha of existing tree plantations, (5,000ha by pruning and thinning and 10,000ha by weeding and establishment of 1,000ha by NFA; Assessment and licensing of at least 15,000ha annually under industrial plantations by private tree farmers on CFRs to promote inclusive commercial forestry on over 150,000ha in CFRs; Investment in forestry infrastructure and data information management technology for effective management; Develop and implement innovative mechanisms for own revenue generation (Forestry valuation, financing and funding; Production and equitable supply of 50 Million quality seedlings from managed seed sources for mass tree planting in the region; Strengthen integration of segregated data on cross-cutting issues of Gender and Equity on all activities and vulnerable beneficiary categories.

## Efficiency of Vote Budget Allocations

Despite limited MTEF allocations to NFA business plan, resources have been allocated to output activities for reducing deforestation and increase forest cover; including boundary survey and demarcation, natural and plantations forest protection and removal of encroachments, restoration planting and maintenance, industrial plantations establishment and tending, production and supply of seed and seedlings.

## Vote Investment Plans

36,400,000 quality seedlings produced and equitably supplied -7,307,000,000UGX  
 4,120ha restored- 2,060,000,000 UGX  
 6,000ha restoration maintenance -1,200,000,000 UGX  
 4,722ha of tree plantations weeded-1,207,400,000UGX  
 10 vehicles procured - 2,660,320,000 UGX  
 3,475 concrete pillars procured- 1,042,500,000 UGX

## Major Expenditure Allocations in the Vote for FY 2019/20

36,400,000 quality seedlings produced and equitably supplied -7,307,000,000UGX  
 4,120ha restored- 2,060,000,000 UGX  
 6,000ha restoration maintenance -1,200,000,000 UGX  
 4,722ha of tree plantations weeded-1,207,400,000UGX  
 10 vehicles procured - 2,660,320,000 UGX  
 3,475 concrete pillars procured- 1,042,500,000 UGX  
 Forest protection and law enforcement-914,420,000  
 1,550ha of tree plantations establishment-775,000,000UGX  
 695km of forest boundaries resurveyed and demarcated - 695,300,000 UGX  
 36 Motor cycles Procured-576,000,000 UGX  
 54,472ha demarcated and mapped for licensed tree farmers-544,720,000UGX  
 10,530ha of CFRs freed from encroachment-225,300,000UGX  
 Forest Management Planning-200,000,000UGX  
 61,500ha managed under CFM agreements with forest adjacent communities -148,500,000UGX  
 825ha thinned-123,750,000UGX

## V3: PROGRAMME OUTCOMES, OUTCOME INDICATORS AND PROPOSED BUDGET ALLOCATION

**Table V3.1: Programme Outcome and Outcome Indicators**

<b>Vote Controller :</b>	
<b>Programme :</b>	<b>52 Forestry Management</b>
<b>Programme Objective :</b>	To conserve natural forests and improve management of the Central Forest Reserves, promote partnerships for increasing forest cover and mitigate climate change , ensure equitable supply of forest & non-forest products and services and increase economic, social, and environmental benefits especially to the poor and the vulnerable and enhance organizational sustainability
<b>Responsible Officer:</b>	Okello Tom Obong
<b>Programme Outcome:</b>	<b>Improved management of Central Forest Reserves</b>
<i>Sector Outcomes contributed to by the Programme Outcome</i>	

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1. Improved Weather, Climate and Climate Change Management, Protection and Restoration of Environment and Natural Resources							
Programme Performance Indicators (Output)	Performance Targets						
	2017/18 Actual	2018/19 Target	Base year	Baseline	2019/20 Target	2020/21 Target	2021/22 Target
• Percentage of Central Forest Reserves boundary length resurveyed and marked with concrete pillars	38.7%	48.5%			57.9%	67.9%	75%
• Percentage of natural forest cover on Central Forest Reserves	16.2%	24.5%			41.2%	45%	50%
• Percentage of industrial plantations on Central Forest Reserves	25.7%	40%			54.1%	69.5%	79.5%

**Table V3.2: Past Expenditure Outturns and Medium Term Projections by Programme**

Billion Uganda shillings	2017/18	2018/19		2019-20	MTEF Budget Projections			
	Outturn	Approved Budget	Spent By End Q1	Proposed Budget	2020-21	2021-22	2022-23	2023-24
<b>Vote :157 National Forestry Authority</b>								
52 Forestry Management	10.664	16.369	1.668	16.369	18.579	20.032	21.734	23.731
<b>Total for the Vote</b>	<b>10.664</b>	<b>16.369</b>	<b>1.668</b>	<b>16.369</b>	<b>18.579</b>	<b>20.032</b>	<b>21.734</b>	<b>23.731</b>

## V4: SUBPROGRAMME PAST EXPENDITURE OUTTURNS AND PROPOSED BUDGET ALLOCATIONS

**Table V4.1: Past Expenditure Outturns and Medium Term Projections by SubProgramme**

Billion Uganda shillings	2017/18	FY 2018/19		2019-20	Medium Term Projections			
	Outturn	Approved Budget	Spent By End Sep	Proposed Budget	2020-21	2021-22	2022-23	2023-24
<b>Programme: 52 Forestry Management</b>								
01 Headquarters	6.320	10.486	1.386	10.486	11.519	12.973	14.674	16.671
0161 Support to National Forestry Authority	4.344	5.883	0.282	5.883	7.060	7.060	7.060	7.060
<b>Total For the Programme : 52</b>	<b>10.664</b>	<b>16.369</b>	<b>1.668</b>	<b>16.369</b>	<b>18.579</b>	<b>20.032</b>	<b>21.734</b>	<b>23.731</b>
<b>Total for the Vote :157</b>	<b>10.664</b>	<b>16.369</b>	<b>1.668</b>	<b>16.369</b>	<b>18.579</b>	<b>20.032</b>	<b>21.734</b>	<b>23.731</b>

N / A

**Table V4.3: Major Capital Investment (Capital Purchases outputs over 0.5Billion)**

FY 2018/19		FY 2019/20
Appr. Budget and Planned Outputs	Expenditures and Achievements by end Sep	Proposed Budget and Planned Outputs
<b>Vote 157 National Forestry Authority</b>		
Programme : 52 Forestry Management		
Project : 0161 Support to National Forestry Authority		

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<b>Output: 72 Government Buildings and Administrative Infrastructure</b>			
14 building units in selected forest stations renovated. 1Bore hole drilled.5 latrines constructed.1 Water tank installed and gutters. 150Km roads constructed&206Km maintained	40km of roads constructed in Rwoho CFR. 80km of roads maintained in Rwoho 196km of fire lines/roads (Mafuga-41, Mwenge -35, Lendu -40, Rwoho- 80).	6 forest stations renovated; wheel chair disability access to the first level of the NFA building installed; bio metric access door installed in NFA headquarters	
<b>Total Output Cost(Ushs Thousand):</b>	<b>0.742</b>	<b>0.000</b>	<b>0.742</b>
Gou Dev't:	0.403	0.000	0.403
Ext Fin:	0.000	0.000	0.000
A.I.A:	0.339	0.000	0.339
<b>Output: 75 Purchase of Motor Vehicles and Other Transport Equipment</b>			
100M/cycles & 7 Vehicles procured.125Vehicles and 100M/cycles insured & maintained in good condition. 271 pairs of tyres and tubes (171-vehicles,100-M/cycles procured).1,000 parking tickets purchased	Process for procurement of vehicle and Motorcycles-advertised, bids evaluated and at display stage before contract award.	10 vehicles procured to enhance forest management; 36 motorcycles procured.	
<b>Total Output Cost(Ushs Thousand):</b>	<b>3.662</b>	<b>0.000</b>	<b>1.900</b>
Gou Dev't:	0.000	0.000	0.000
Ext Fin:	0.000	0.000	0.000
A.I.A:	3.662	0.000	1.900
<b>Output: 76 Purchase of Office and ICT Equipment, including Software</b>			
Atomated performance reporting system customized, HR Mgt Info.System installed. Antivirus/Anti-spam license renewed. Internet connectivity both at HQs&Field offices running. Interactive website	250-Anti-virus, 250- Anti-spam licenses renewed.WAN connection and maintenance in 9-upcountry stations;- South west, Mbarara, Muzizi, Budongo, Achwa, West Nile, Karamoja, Kyoga and Lakeshore.5-digital tablets for BOD members	ICT and GIS licenses and anti virus procured. WAN maintenance and automated reporting system customized.	
<b>Total Output Cost(Ushs Thousand):</b>	<b>0.652</b>	<b>0.000</b>	<b>0.652</b>
Gou Dev't:	0.000	0.000	0.000
Ext Fin:	0.000	0.000	0.000
A.I.A:	0.652	0.000	0.652

### V5: VOTE CHALLENGES FOR 2019/20 AND ADDITIONAL FUNDING REQUESTS

#### Vote Challenges for FY 2019/20

The main vote challenges are;

Inadequate funding to major priorities for achieving the NFA business plan targets;

Lack of synchronizing the release of funds with season based activities such as raising of seedlings and tree planting.

Weak enforcement of forest protection.

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**Table V5.1: Additional Funding Requests**

Additional requirements for funding and outputs in 2019/20	Justification of requirement for additional outputs and funding
<b>Vote : 157 National Forestry Authority</b>	
<b>Programme : 52 Forestry Management</b>	
<b>OutPut : 01 Mangement of Central Forest Reserves</b>	
Funding requirement US\$ Bn : <b>11.353</b>	The unfunded forest management priorities significantly contribute to the NDP II target of increased forest cover from the current 9% to 16% by 2020. Restoration of degraded forest ecosystems improves the livelihoods of the majority forest adjacent communities through supply of forest and non-forestry products, in addition to supporting bio-mass energy, agriculture, construction industry, mitigating climate change disasters thus promoting sustainable development.
<b>OutPut : 03 Plantation Management</b>	
Funding requirement US\$ Bn : <b>0.900</b>	Boost industrial plantations for increased supply of timber, transmission poles and other wood products for the construction industry and job creation
<b>OutPut : 05 Supply of seeds and seedlings</b>	
Funding requirement US\$ Bn : <b>5.000</b>	Mass tree planting for increased forest cover from 9% to 16% and contributing to NDPII vision for middle income status by 2020. This also contributes to climate change strategy, reduction of industrial waste, restoration of water catchments and mitigation of related environmental disasters.
<b>OutPut : 75 Purchase of Motor Vehicles and Other Transport Equipment</b>	
Funding requirement US\$ Bn : <b>0.224</b>	Enhancement of effective forest protection patrols and reduce deforestation rates in forest reserves.