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**Amendment 4
No Cost Extension**

Amendment to the Letter of Agreement (LOA) between the United Nations Development Programme (herein referred to as UNDP) and the Ministry of Environment, Wildlife & Tourism (herein referred to as MoEWT). Whereas the Parties have entered into the above referred Letter of Agreement on 09 August 2016 and agree to amend the agreement as follows:

- Amendment 4 is to extend the duration of the LOA period until 31 March 2018 with no cost;
- The total budget of the LoA including amendment 1 ,2 and 3 is USD **1,342,565**, the total spent amount is USD **777,565** and the overall budget balance is USD **565,000**;
- The pending activity are ongoing construction of water points, below is the breakdown of the proposed direct payments.

Budget line	Description	Payment modality	Amount
1.4.4	Provision of NRM cooperative grants	Direct payment	\$ 50,000
2.2.1	Construction of 3 Dams and it's auxiliary works	Direct payment	\$ 180,000
2.4.1	Large Water catchments and it's auxiliary works	Direct payment	\$ 112,500
2.4.3	4 Water catchments and it's auxiliary works	Direct payment	\$ 207,500
2.5.2	Bander Bayla Nursery	Direct payment	\$ 15,000
Total			\$565,000

- Annex 1 : schedule of activities and payments

The amendment shall enter into effect upon signature by both parties.

All other terms and conditions of the original LOA signed on the 09 August 2016 shall remain unchanged. In case of any ambiguity or conflict between the terms of this Amendment and the original LOA or previous amendments, the terms of this amendment will prevail.

Agreed and accepted:

For UNDP

Name: George Conway
Title: Country Director

Signature:

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Date: 2018.01.29 15:45:17 +03'00'

For MoEWT

Name: Dr. Ali Abdullah Warsame
Title: Minister of MoEWT

Signature:

Handwritten signature of Dr. Ali Abdullah Warsame
30/01/2018

Annex 1																	
Expected Outputs	Planned Activities	Sub-activities (agreed between UNDP and MoEWT)	Timeframe					Planned Budget		Activity based schedule of payments							
			Q3 16	Q4 16	Q1 17	Q 2 17	Q 3 17	Budget Description	Amount (USD)	Q3 16	Q4 16	Q1 17	Q2 17	Q3 17	Q4 17	Q 1 18	
Ecosystem-based Adaptation (EbA) plans, Natural Resource Management (NRM) strategies and Integrated Water Management options for critical watersheds , rangelands, agricultural lands and forested areas are developed and piloted jointly by local government	1.1 Development of Arid and Semi-Arid (ASAL) Zone Adaptation Plans for Puntland based on 1) results from technical studies, 2) inclusive government and community consultations for adaptation planning and 3) climate vulnerability analysis from a gender perspective (exposure, sensitivity and adaptive capacity) and an inventory of ecosystem functions. Technical studies will be carried out to lead to the district level adaptation plans.	1.1.1. Develop Integrated District Climate Adaptation Plans (Bayla, Qardo and Dangoroyo)						Consultancy fee for 1 national expert (@ USD 250/day for 15 days)	3,750	3,750							
		1.1.2. Conduct validation workshop for the Integrated District Climate Adaptation Plans.						1 day workshop with 45 participants @ USD 3,700 (including venue, transport, stationary, DSA for nonresidents and refreshments)	3,700	3,700							
		1.1.3. Develop Puntland Rural Land Policy (PRLP)						Consultancy fee for 1 national expert (@USD 250/day for 45 days)	11,250		11,250						

ts and vulnerable communities	1.1.4. Conduct consultation and validation workshops for the PRLP					1 day Validation for 45 persons in Garowe & 6 consultation workshops in regional capitals with 150 participants @ USD 17,000 (including venue, transport, vehicle, stationary, DSA for nonresidents and refreshments)	17,000		8,500	8,500				
	1.1.5. Approval/ratification and dissemination of the PRLP					1 orientation workshop with 20 Parliamentary NRM committee and line ministries @USD 2,000 (participation fee, refreshment, stationary)	2,000			2,000				
	1.1.6. Develop Climate and Drought					Consultancy fee for 1	7,500	7,500						

		Management Strategy for Puntland					national expert (@USD 250/day for 30 days)								
		1.1.7. Conduct consultation and validation workshop for Climate Change and Drought Management Strategy for Puntland					1 orientation workshop with 20 Parliamentary NRM committee and line ministries @USD 2,000 (participation fee, refreshment, stationary)	2,000	2,000						
		1.1.8 set of briefing notes, fact sheets, presentations, guild lines for mainstreaming climate change in sectoral Policies and gender sensitive					Consultancy fee for 1 national expert (@USD 250/day for 15 days)	3,750			3,750				
		sub-total						50,950	16,950	19,750	14,250				
		1.2.1 Three study tours 10 MoEWT staff and Community Members (Sudan, Kenya, Djibouti, Ethiopia, Rwanda)					lump sum	25,000			25,000				

1.2 Community mobilization and 6 month training on Natural Resource Management (NRM), Integrated Water Management (IWM) and basic project management and budget monitoring through the establishment or revival of 3 Community Based Organizations (in three pilot districts Qardo, Bandar Bayla and Dangoryo)	1.2.2 Conduct community level capacity needs assessment in the districts on IWM and NRM (Qardo, Bandar Bayla, Dangoryo, Dhahar, Jariiban and Burtinle)						Consultancy fee for 1 national expert (@ USD 250/day for 15 days)	3,750		3,750						
	1.2.3. Conduct TOT training for the pastoral associations based on capacity gaps identified						3 day workshop with 25 participants @ 4895 (Transport & DSA for nonresidents , Venue organizer, local transport, stationary, facilitator)	4,895	4,895							
	1.2.4. Use established PAs to promote climate change community mobilization and awareness						Community mobilization and sensitization meetings @ USD 7,500 (USD 2500 per association for 12 months)	7,500	7,500							
	1.2.5. Establish and train village environmental committees						Lump sum @ USD 20, 000	10,000	10,000							

		1.2.6 Training women in adaptation technologies as a foundation for starting sustainable Technology marketing enterprises.						Training 120 women in adaptation technologies.	10,000	10,000					
		sub-total							61,145	32,395	3,750	25,000			
	1.3. Mass awareness campaign with distinct strategies for local communities/NGOs /CSOs and women to disseminate information on existing policies and regulations that address principles of integrated land and water management, climate change and gender-sensitive, Ecosystem-based Adaptation	1.3.1. Disseminate key messages for climate change and gender-sensitive, existing policies and regulations, and ecosystem-based adaptation						A total of 2,000 products with awareness raising messages @ USD 3/product (banners, brochures)	8,000	2,000	3,000	2,000	1,000		
		1.3.2. Develop and disseminate audio-visual (drama, poetry, songs, playwright) for direct community outreach programs						Two productions @ USD 2000/production	4,000			4,000			
		1.3.3. Conduct 4 round table discussions and public speaks engaging knowledgeable religious leaders, community leaders and scholars						Four one day events with at least 25 participants at each event - stipend @ USD 3,100 (facilitator, refreshment,	3,100	775	775	775	775		

		including women in NRM and ecosystem services to disseminate messages						panel fee, participants, venue)								
		1.3.4. Use social media, local websites, radios, TVs, billboards, pamphlets, brochures, banners and posters in the dissemination of climate change and NRM messages.						Awareness and publicity material to be designed and procured in consultation with UNDP - lump sum budget @10,000	10,000	3,000	5,000	2,000				
		1.3.5. Documentary video on project achievements						video production company @ 5000 (video with translated subtitles)	4,000			4,000				
		sub-total							29,100	5,775	8,775	12,775	1,775			
	1.4. Provision of small grants to implement small-scale, community-based EbA and NRM measures, especially	1.4.1 Training for the cooperatives on small scale entrepreneurship and financial management						Consultancy fee for 1 national expert (@ USD 250/day for 15 days)	3,750	3,750						

	those identified by women as priorities, which may include soil and water conservation methods, soil bunds, rehabilitation of berkads, etc. that will enable sustainable farming and pastoral practices. These activities could be outside the pilot districts.	1.4.2. develop small scale grant Business Proposals for the cooperatives based on NRM community based cooperatives which are environmentally friendly.						Consultancy fee for 1 national expert (@ USD 250/day for 30 days)	7,500	7,500						
		1.4.3. Contract the selected beneficiaries/cooperatives						zero budget activity								
		1.4.4 Provision of grants to the cooperatives						five cooperatives @ USD 10,000 per community	50,000		50,000					
		sub-total							61,250	11,250	50,000					
Physical techniques and adaptation measures including investment in medium and large-scale water infrastructure, reforestation, flood-control infrastructure, and watershed	2.1 Feasibility studies, design documents and EIAs prepared for the planned infrastructure and target watershed/drainage basins including topographical, hydrological, hydrogeological, geotechnical and surface water balance studies to support adaptation technology design															
		2.1.2. expert firm to carry out Dam studies including topographical, hydrological geotechnical and surface water balance studies in Puntland drainage basins (Bayla, Dangoroyo , Garowe and Gardo Districts)						Team of experts to carry out 6 dams' assessment and studies (6 dams @ USD 7000 each dams including Transportations, DSA	25,000			25,000				
		2.1.2 (b). Select potential sites for the construction of subsurface dams						Community and local government consultations	3,000	3,000						

management developed to improve ecosystem resilience of critical watersheds, rangelands and forested areas through government support	and siting of infrastructure	within the project areas						for six sites - lump sum USD 3000									
		2.1.3. Conduct EIA for the water structures						Consultancy fee for 1 national EIA expert @ 250/day for 30	7,500	7,500							
		sub-total							35,500	10,500		25,000	0				
	2.2 Construction of one subsurface dam along with distribution infrastructure (i.e. pipes, channels, etc.): 50,000 m3 dam.	2.2.1. Construction of 3 subsurface/sand dam along with distribution infrastructure (i.e. pipes, channels, etc.): 50,000 m3 dam in Harfo, Baran and Rako Districts						Construction of 3 dam and related infrastructure USD 60,000 each	180,000		90,000	90,000					
		2.2.2. Design BOQ and advertise tender.						zero budget activity - activity to be undertaken by the engineer									
		2.2.3. Award selected contractor on the basis of technical and financial criteria.						zero budget activity									
		2.2.4. Commissioning works will be through a handover of infrastructure.						zero budget activity									
		Sub-total							180,000	0	90,000	90,000					

2.3 Constructions of 3 water diversion structures to control soil and gully erosion and enhance livelihoods at 3 sites in Bandar Bayla, Gardo and Dangorayo – Ministry may change the sites if there are other priority areas.	2.3.1. Identify appropriate interventions and designs of the proposed structures (rock dams, diversion ditches and gabions).					Consultancy fee for 1 national expert (@ USD 250/day for 15 days)	3,750		3,750					
	2.3.2. Constructions of 3 water diversion structures to control soil and gully erosion and enhance livelihoods at 6 sites in the selected districts					Rehabilitation of 3 advancing gullies @ USD 30,000 (construction of rock dams, manure and reseeded)	90,000		45,000		45,000			
	2.3.3. Develop BOQs and advertise the construction works.					zero budget activity - activity to be undertaken by the engineer								
	2.3.4. Award selected contractor on the basis of technical and financial criteria and construction of 6 water diversion structures					zero budget cost								
	2.3.5. Commissioning works will be through a handover of infrastructure.					zero budget activity								

		2.3.6 Rehabilitation of 15 Berkads in (Baran, Burtinle, Kalabayr, Jalam) Ministry can add other Priority areas in Puntland						Rehabilitation of 15 Berkads @ USD 5,000 each	75,000	25,000	20,000	30,000				
2.4 enhancing communities' drought Resilience through improving water harvesting techniques	2.4.1 enhancing communities' drought resilience through improved access to clean water in Puntland,							1 Water catchment (earth dam) and it's auxiliary Works including elevated water tank , Kiosks, animal troughs, electricity powered Pump and piping system piping system.as per the Design proposed UNDP engineer - Lump-sum	112,500							112,500
	2.4.2 Rehabilitation of 14 Berkets in droughts borne Districts in Puntland to improve the access water of the							Rehabilitation of 14 Berkads @ USD 6,715 each depend on the type	94,000					94,000		

		vulnerable communities and the drought affected people						of rehabilitation required by the Berkets .							
		2.4.3 four Water Catchments for drought borne Districts in Puntland regions based on the recent drought affected communities in Puntland						4 Water Catchments structures and it's auxiliary works including elevated water tank, Kiosks, animal troughs, electricity powered Pump and piping system piping system.as per the Design proposed UNDP engineer - Lump-sum	207,500						207,500
		2.4.4 Water catchment assessments, UNDP should be part of the assessments and selection sites, Develop BOQs and advertise the construction works.						zero budget activity - activity to be undertaken by MoEWT engineer							

		Sub-total						582,75 0	25,000	68,75 0	30,00 0	45,00 0	94,000		320,00 0
2.5. Reforestation activities along 50 ha, led by government authorities, in appropriate areas within the target drainage basin, particularly around the newly constructed water infrastructure and in severely degraded areas.	2.5.1. Financial support and training for 7 existing tree nurseries in Garowe, Galkayo (2), Qardho, Buhoodle, Bayla, Boosaaso						5,000 saplings with unit cost of USD 1.5 per sapling (training, seeds, manure, water) - Lump sum 7,500	7,500	2,000	3,000	2,500				
	2.5.2 Auxiliary infrastructure facilities of Bayla Nursery including store room, water tanks, water pipelines, fertilizers and soil						Lump sum @ 15,000 for store room, Water tanks, water pipelines, fertilizers. MOEWT should contribute soil, tree plastics, seeds and the nursery staff	15,000			15,00 0				
	2.5.3. Promote afforestation, reseeding and grass seedlings to enhance fodder production in Qardho and Dangorayo districts .- 100 ha						Cover 100 hectares of land with USD 1000 / hectare including watering and nurturing	100,00 0		50,00 0		50,00 0			
	Sub-total (2.5)							122,50 0	2,000	53,00 0	17,50 0	50,00 0			

		3.1.9-woman Intern						One woman intern @350 for 12 Months	5,250	1050	1050	1050	1050	1050		
		Sub-total							150,150	26,550	26,550	33,350	32,350	31,350		
	3.2 Support the operational and running costs that are required for the implementation of project activities:	3.2.1. Vehicle Rent						One vehicle rented for site visits, consultation meetings etc. - for 170 day @ USD 100 per day (including fuel)	17,000	4,250	4,250	4,250	4,250			
		3.2.2. Fuel & Vehicle maintenance						Lump sum	6,000	2,000	2,000	1,000	1,000			
		3.2.3. Stationary						@ USD 360/month	4,320	1,080	1,080	1,080	1,080			
		3.2.5. Travel DSA						20 visits by three project staff for 5 days @ USD 40 per day per official	12,000	3,000	3,000	3,000	3,000			
		3.2.6. Communication, utilities for main office and temporary site locations						Lump sum @ USD 400 / month for 12 months	4,800	1,200	1,200	1,200	1,200			
	3.3. Operational support cost of the Ministry and 15 Regional Offices in Puntland	3.3.0 Running costs such as vehicles, internet, Electricity, water for the ministry's main office						Lump sum @ USD 2,700/ month for 3 months	8,100					8,100		

		3.3.1 Transportations, fuel, maintenance, DSA and other miscellaneous expenses						Fuel cost for 6 Ministry vehicles and DSA for staff on mission - Lump-sum@ USD 6,500	6,500						6,500		
		3.3.1 Regional office running Cost of 15 Districts in Puntland to support daily operational cost of the District						Regional office Operation cost of 15 Districts @ USD 700	10,500						10,500		
		Sub-total							69,220	11,530	11,530	10,530	10,530	25,100			
		Total							1,342,565	141,950	332,105	258,405	139,655	150,450		320,000	