

## Form E: Format of Technical Proposal

Name of Bidder:	DEKONTA, as. (leader of Consortium with CZU)	Date:	September 2, 2022
RFP reference:	RFP-015-22 - Development of Sectoral and Regional Climate Change Adaptation Plans in Uzbekistan		

The Bidder's proposal should be organized to follow this format of Technical Proposal. Where the bidder is presented with a requirement or asked to use a specific approach, the bidder must not only state its acceptance, but also describe how it intends to comply with the requirements. Where a descriptive response is requested, failure to provide the same will be viewed as non-responsive.

### SECTION 1: EXPERTISE OF FIRM/ ORGANISATION



DEKONTA, a.s. (hereinafter DEKONTA) is one of the leading environmental companies in Central and Eastern Europe offering comprehensive package of environmental services and technologies. It includes remediation of contaminated sites, hazardous waste management, **water and wastewater treatment**, air and waste gas treatment, **environmental emergency response** and **consultancy services** such as **capacity building, HSE auditing**, feasibility studies, **climate change, environmental, health, safety and social (EHSS) due diligence, Environmental and Social Impact Assessment (ESIA) studies** implementation of QHSE management systems and permitting of complex environmental projects.

Established in 1992, DEKONTA has successfully undertaken thousands of projects in Europe, Asia and Africa. We have provided tailor-made solutions to the environmental challenges and issues of different industrial sectors, international and national organizations. DEKONTA's 2021 turnover was nearly 30 million USD.

DEKONTA's headquarter offices are located in the Czech Republic. To be capable to support its key activities, DEKONTA has extensively developed its network of subsidiary companies and representative offices in number of countries (Azerbaijan, Bosnia and Hercegovina, China, Croatia, Egypt, Germany, Greece, Hungary, Israel, Italy, Kazakhstan, Kuwait, Mongolia, Netherlands, Nigeria, Paland, Romania, Russia, Serbia, Slovakia, Turkey, Ukraine, USA and Vietnam). In addition, to be more flexible in fulfilling its clients' needs, DEKONTA has also developed its own network of local consultants supporting its highly qualified experts particularly in understanding the local legal issues.

DEKONTA has approx. more than 200 qualified (80 % of employees hold a Master's degree, 10 % a Ph.O.) and experienced specialists in various fields (as Chemical engineers, chemists, civil engineers, geologists, hydrogeologists, geochemists, biologists, biotechnologists, agricultural engineers, mining engineers, electrical engineers, laboratory assistants, sampling specialists, technicians, technologists, sales managers and procurement specialists). Thanks to this multi-disciplinary approach, DEKONTA is able to provide a cost effective and customized solutions.

The strong point of the company is a favorable combination of the extensive technological know-how and experience, as well as the skills in management of international development projects. With over 30 years practical experience, the company has successfully completed thousands of environmental projects for international institutions such as UNDP, UNEP, UNIDO, FAO, WB, UNPROFOR/SFOR, EBRO, NATO, ministries and governmental organisations, as well as multinational industrial and consultancy companies (Enviros, ERM, URS, WSP, Arcadis, AECOM, TAUW, Ramboll Environ, etc.).

All the services and activities are managed by the means of established and certified Quality Assurance, Environmental and Occupational, Health and Safety Management Systems in accordance with EN ISO 9001:2001, ISO 14001:2004 and ISO 45001 (formerly OHSAS 18001). DEKONTA is devoted to sustainability and has joined initiative Responsible Care.

The company is registered in the following international databases: EBRD Environmental Consultant Database, DACON database of the World Bank, CORDIS Partners Service data base of subjects co-operating in EU research programmes, and GREENPAGES database of leading suppliers.



Czech University of Life Sciences Prague (hereinafter CZU) focuses on research in food production, biotechnology, bioeconomy, environmental protection, genetics, specific aspects of sociology, economics, technical engineering and forestry sciences as well, both in Czech Republic and foreign countries. CZU research has shed new light on the presence and impact of pollutants in the environment; on protection and restoration of forest ecosystems; on decontamination of soil and polluted water; research in economics elucidates the transformation of post-communist countries in the larger context of Europe and Asia, market balance of agricultural commodities in the Czech Republic and many others.

The university is a member of Euroleague for Life Sciences. CZU participates in **international development aid projects**, in cooperation with research organizations and universities in developing countries e.g. in Peru, Columbia, Indonesia, Angola, Egypt, Zambia, Senegal, Cambodia. Within last 10 years the university participated in more than 100 prestigious international research projects. Two research projects of excellence funded by the Czech government, which are implemented by the university, target mountain areas and their value chains related to forestry. They are "Adaptation of forestry to global changes and industry 4.0<sup>II</sup>" and "Mitigation of climatic change impacts in the mountain forests".

The Czech University of Life Sciences consists of the six faculties and one institute. The research areas are related to the agricultural sciences at each faculty and the institute. The research areas of the faculties and institute are:

- **Faculty of Environmental Sciences (FES)** - carries out an interdisciplinary research, that integrates a wide range of topics and provides innovative solutions to support sustainable development - Historic landscapes and their sustainable preservation; **Global climate change**; Ecology and taxonomy; Chemical stabilization in soils; Avian populations research; Spatial science in environment GIS, remote sensing; Modelling of hydrological processes; Sustainability of agriculture; Grassland ecology; and Wetlands.
- **Faculty of Economics and Management (FEM)** - Economics and management; Business administration; European agrarian diplomacy; Informatics; Systems engineering; Project management; Humanities and Cultural studies; Food market, **Rural and regional development** or Artificial intelligence.
- **Faculty of Tropical Agri-sciences (FTA)** - **Sustainable agriculture; Conservation and sustainable management of natural resources**; Rural development; Food processing and food security; Appropriate technologies based on **renewable sources of energy**; Economics and rural sociology in the developing countries.
- **Faculty of Agrobiology, Food and Natural Resources (FAFNR)** - Plant and animal science in **agriculture**; Horticulture production, ornamental and landscape architecture; Quality and security

of foods, companion animals, human nutrition; Animal therapy, research in natural resources as soil, waste recycling and use, biosphere; and Rural development and public administration.

- **Faculty of Forestry and Wood Sciences (FFWS)**
- **Faculty of Engineering (FE)**
- **Institute of Education and Communication (IEC)**



BEZK, Ltd (henceforth BEZK) is an international consulting company made up of experienced consultants in the field of natural disasters, climate change adaptation and international financing of environmental and climate projects. BEZK assists in coordinating international projects and in communicating with local authorities and stakeholders. BEZK focuses on the territory of Central Asia, Southern Africa and post-Soviet republics. The key consultant and the director of the company is XXXXX who is proposed to be in the role of Team Leader and Environmentalist in this project.

BEZK will act as a subcontractor to DEKON TA in the given project.



IWES (Innovative Water & Environment Solutions) (henceforth IWES) is an international company registered in Berlin, Germany, and was founded in 2019. The company is providing services in the fields of hydrology, climate change, DRR, GIS and remote sensing. Moreover, the IWES aims at conducting scientific research with strong practical implementation in combating climate change and mitigating its negative impacts. The IWES can also be considered as a spin of company of the GFZ German Research Centre for Geosciences (GFZ Potsdam).

The IWES builds on owner's over 15 years of experience in the above mentioned fields, which are primarily offered in Central Asian region. The IWES uses innovative methods, modern data (e.g. remote sensing) and advanced tools for a better understanding of and finding solution for emerging issues related to water and environment. Strong focus here is to use remote sensing based products as data source and advanced Geographic Information System (GIS), but also various environmental models in solving complex issues. Some of IWES experience in Central Asia is listed below.

Mountain hydrology (snow and glaciers). The IWES (XXXXX) has an extensive experience in mountain hydrology. Among other, XXXXXX also developed a user-friendly MODSNOW-tool for operational snow cover monitoring using satellite data and hydrological forecasting. It is currently implemented at all five Central Asian countries (hydromet services of all five countries, water organizations and research institutes). Application of this tool ensures water availability assessment in transboundary basins that supports a balanced and informed water distribution in the region. Besides snow cover monitoring and hydrological forecasting studies, IWES brings an experience in the field of glacier monitoring. Since nearly 10 years, IWES owner is involved on glacier mass balance measurements with annual summer expeditions to selected glaciers in Central Asia. The data acquired during glacier expeditions (e.g. ablation, accumulation, glacier shrinkage) are used for modelling studies. These studies were conducted during the PhD work (2005-2009) of IWES owner and in the frame of the Central Asia Water (CAWa) project (2009-2019).

Climate Impact assessment on water resources. By using complex hydrological models (conceptual and

distributed), IWES brings wide experience in the field climate change impact assessment on water resources in Central Asia. This includes hydrological simulations until the end of 21st century for three strategic river basins (Naryn, Zerafshan, Karadarya) by applying IPCC CMIP5 climate scenarios and assessment of climate impact on individual discharge components (e.g. snow, glacier, rainfall, groundwater).

Disaster Risk Reduction (DRR). IWES brings experience in the field of DRR through owner's assignments in Central Asia for international organizations. The services offered in the field of DRR ranges from flood forecasting, debris flow, landslides (World Bank Global Facility Disaster Reduction and Recovery assignments - GFDRR) to mountain hazards related to specific mass movement (Aga-Khan Foundation).

Capacity development in the field of water and environment. IWES has a wide experience on the capacity building of young specialists from previous involvements in scientific projects but also from consultancy based capacity building measures.

Water security and political dialog. The IWES owner is currently involved in the project with a focus on water security and promotion of political dialog in Central Asia. The goal is to integrate scientific knowledge to promote water security related dialog in Central Asia.

IWES offers consultancy services in the following fields:

- Mountain hydrology (snow and glaciers) and geomorphology
- Disaster and climate impact assessment on water resources and livelihoods
- Application of remote sensing data and GIS in hydrology
- Hydrological modelling and forecasting
- Disaster risk assessment on water resources, agricultural systems, community livelihoods and technical infrastructure
- Mainstreaming of disaster risk management (DRM) and climate change adaptation (CCA) in humanitarian and development projects
- River basin planning at technical and institutional levels
- Capacity building and development of training material

IWES will act as a subcontractor to DEKONTA in the given project.

### **1.1 Have a high degree of awareness and deep understanding of the climate change related risks and climate change impacts focused on the adaptation priorities**

DEKONTA, as the leader of the consortium, understands that the key principle of a successful project management in order to achieve its requested adaptation goals is to establish an effective organizational and management model. In particular, to provide the basis for common understanding and effective cooperation, communication and decision-making, and consequently to assign appropriate personnel to such model.

The carefully selected members of the consortium, subcontractor and local specialists have an overall comprehensive knowledge on topics related to climate change risks and impact in climate sensitive sectors as water resources, agriculture, health, emergency management, capacity building, energy efficiency in buildings, renewable energy solutions and social sciences.

Our local partners will bring the required understanding of Uzbekistan's climate change and economic

environment and development priorities.

Overall, our team is able to address climate challenges and issues providing a science-based analysis with cost-effective solutions. In this process, our team will involve Uzbek national organizations and ministries the government of the Autonomous Republic of Karakalpakstan and sub-national administrations of Bukhara and Khorezm provinces and engage the private sector in supporting the sectorial and regional national adaptation plans.

To sum-up, we are confident that our project team (together with our independent consultants and local partners) have the appropriate know-how and experience on climate change risks and impact to select the adaptation priorities and successfully implement this project.

### **1.2 Have implemented a variety of projects on climate change adaptation (description of contracts with indicating period of performance);**

Over the past 10 years, DEKONTA has established itself as a reference company in the field of international development with several capacity building, emergency management, climate change adaptation, environmental impact assessment, energy efficiency, waste management, EHS consultancy projects implemented in several developing countries. In particular, DEKONTA's geographic scope is the CEE and Central Asia countries and it has successfully implemented projects as follows:

- "Elaboration of Legal and Institutional Framework for Multi-hazard Early Warning System and Climate Information" in Georgia (2019 - 2020) and funded by UNDP;
- "Assessment of the Cost and Benefits of Climate Change Adaptation in Agriculture, Forestry and Water Management Sectors" in Tajikistan (2022) and funded by UNDP;
- "Employing Czech experience in scaling up the environmental impact assessment: From legislation to implementation" in Tajikistan (20015-2016) and funded by UNDP,
- "Tbilisi Green City Development, Green City Action Plan" in Georgia (2016 - 2017).
- "Study Tour to Czech Republic on Energy Efficiency and Waste Management" in Kyrgyzstan (2015) and funded by UNDP,
- "Capacity Building: Circular Economy and Waste Management" (2021-2022) in Turkmenistan,
- "Capacity Building in the Major Accident Prevention" (2014-2017) in Georgia;
- "Environmental, Health and Safety Compliance Training of Barqi Tojik" (2022 - ongoing) in Tajikistan;
- "Feasibility study for infiltration of wastewater from WWTP in the town of Kara Suu" (2021) in Kyrgyzstan;
- "Enhancing Georgian Approach Towards Emergency Preparedness and Management" (2019 - 2020),
- "Practical Training in the Design of Security Documentation according to SEVESO" (2017 - 2018) in Georgia;
- "Study Tour to Czech Republic on Energy Efficiency and Waste Management - Kyrgyzstan" (2015);
- "Capacity Building in the Major Accident Prevention" (2014 - 2017);
- "Belarus, Vitebsk Solid Waste Project, Feasibility Study (Vitebsk)" (2015-2016);
- "Employing Czech experience in scaling up the environmental impact assessment in Tajikistan: From legislation to implementation" (2015 - 2016)
- "Transfer of know-how related to remediation of environmental burdens, Phases I and II" (2013 -

2015 and 2016 - 2017} in Mongolia.

DEKONTA's partner, CZU, has many years' experiences in the implementation of environmental and climate change projects in the field of **agriculture, water management**, livestock, forestry, **capacity building and to promote transfer of technology and knowledge to practice**.

CZU has already implemented a 4 years project in Uzbekistan (Improvement of the quality of drinking and irrigation Water in the Aral Sea Region by Cleaning Equipment and Sorbents Produced in the Czech Republic, 2004 -2008} and in ether Centra! Asian and developing countries as:

- "Implementation of holistic management and Climate Smart Agriculture in the Baso River catchment"
- "Protection of Awassa Lake through Sustainable Management of Surrounding Area" in Ethiopia
- "Agroforestry systems for protection and restoration of landscape functions endangered by the effects of the climate change and human activity" (2019-2022) in Czech Republic;
- "Technical assistance and implementation of the EKI electrical coagulation units in the production of drinking water in the city of Dushanbe"(2005} Tajikistan;
- "Technology needs assessment for the implementation of Azerbaijan's NDC (National Determined Contributions) targets in the Agriculture, Land Use, Land Use Change and Forestry Sector (LULUCF)" (2021);
- "Recreational purposes of Vltava River cascade and its economic potential under the climate change"
- Support of Vocational Agricultural Education at the Vocational Education and Training Center (VETC) in Darkhan (2011-2012} in Mongolia.

The partnership between DEKONTA, CZU and BEZK is proven and successful in the climate change field as we have already implemented the "Assessment of the Cost and Benefits of Climate Change Adaptation in Agriculture, Forestry and Water Management Sectors" in Tajikistan (2022} and funded by UNDP.

These and ether relevant projects from DEKONTA and CZU are described in more detail in **Form O - Qualification Forms**. Please see also UNDP's Statement of satisfactory performance for DEKONTA's Tajikistan and Kyrgyzstan projects attached to the **Form D - Qualification Form of DEKONTA**.

### **1.3 Should have implemented a variety of projects in the service lines, covered by the contract in the last 3 years and minimum 3 projects in the services lines described in this TOR;**

As described in paragraph 1.2, the majority of DEKONTA and CZU projects have been implemented in the last 3 years and cover the service lines described in the ToR. To mention some:

- "Assessment of the Cost and Benefits of Climate Change Adaptation in Agriculture, Forestry and Water Management Sectors" in Tajikistan (2022);
- "Enhancing Georgian Approach Towards Emergency Preparedness and Management" (2019 - 2020);
- "Capacity Building: Circular Economy and Waste Management" (2021-2022} in Turkmenistan,
- "Environmental, Health and Safety Compliance Training of Barqi Tojik" (2022 - ongoing) in

Tajikistan;

- "Technology needs assessment for the implementation of Azerbaijan's NDC (National Determined Contributions) targets in the Agriculture, Land Use, Land Use Change and Forestry Sector (W LUCF)" (2021);

**1.4 Have at least 5 years of experience in delivering consultancy focused on climate change adaptation to public and private sector;**

As described in paragraph 1.2, DEKONTA and CZU have more than 5 years of experience in providing consultancy on topics related to climate change adaptation:

- Recreational purposes of Vltava river cascade and its economic potential under the climate change Republic (2019-2022) for the Technology Agency of the Czech Republic;
- Implementation of holistic management and Climate Smart Agriculture in the Baso River catchment, Arba Minch Zuria Woreda, SNNPR, Ethiopia (2016-2017) for the Czech Development Agency
- "Tbilisi Green City Development, Green City Action Plan" in Georgia (2016 - 2017) for the private company Enviros s.r.o.

**1.5 Have a highly diverse portfolio of clients (at least 5 different organizations);**

DEKONTA has successfully completed thousands of environmental projects for international institutions such as UNDP, UNEP, UNIDO, FAO, WB, UNPROFOR/SFOR, EBRD, NATO, ministries and governmental organisations (Czech Development Agency), as well as multinational industrial and consultancy companies. CZU has as well a wide portfolio of clients. This is highlighted by reference projects presented in the Form D - Qualification Form and it can be summarised as follows:

- "Assessment of the Cost and Benefits of Climate Change Adaptation in Agriculture, Forestry and Water Management Sectors" in Tajikistan for UNDP;
- "Study trip to the Czech Republic for hazardous waste disposal and contaminated sites remediation" for FAO
- "Transfer of know-how related to remediation of environmental burdens, Phases I and II" for the Czech Development Agency
- "Belarus, Vitebsk Solid Waste Project, Feasibility Study (Vitebsk)" for European Bank for Reconstruction and Development (EBRD)
- Recreational purposes of Vltava River cascade and its economic potential under the climate change Republic (2019-2022) for the Technology Agency of the Czech Republic;

**1.6 Have solid proven experience in the field(s) climate change adaptation with the focus on corresponding sectoral and regional approach;**

The partnership between DEKONTA, CZU and BEZK is proven and successful in the climate change field with focus on sectoral as regional approach as we have already implemented the "Assessment of the Cost and Benefits of Climate Change Adaptation in Agriculture, Forestry and Water Management Sectors" in Tajikistan (2022) and funded by UNDP.

These and other relevant projects from DEKONTA and CZU are described in more detail in **Form D - Qualification Forms**.

**1.7 Have demonstrable understanding of Uzbekistan's climate change and economic environment and development priorities;**

Uzbekistan is one of the vulnerable countries to climate change in Central Asia. The country's about 30 % GDP share is generated in agricultural sector, which is impossible without irrigation due to very dry climate in summer months. Water resources necessary for irrigation come from mountains of Pamir and Tian-Shan and are formed mainly due to snowmelt and glacier melt. The above global average climate warming in Central Asia threatens the availability of water resources also in the future as glaciers are melting rapidly in a warmer climate. Thus, Uzbekistan needs a good national strategy in the adaptation to climate change, which is important to maintain the agricultural sector-based economic growth. Moreover, the impact of climate change will also be significant in the increase of natural hazard frequency. This will also require the adaptation to new conditions and mitigate the economic impacts from such natural disasters.

Thanks to our local strong network of specialists and the collaboration with Tashkent University, our team will have such deep and comprehensive in country understanding and sectorial knowledge.

**1.8 Bidders must actively be pursuing internal quality standards aligned with ISO 9001 or equivalent. Evidence may be a copy of ISO 9001 certification or equivalent certification or internal quality standard policy and/or written procedures**

All the services and activities are managed by the means of established and certified Quality Assurance, Environmental and Occupational, Health and Safety Management Systems in accordance with EN ISO 9001:2001, ISO 14001:2004 and ISO 45001 (formerly OHSAS 18001). DEKONTA is devoted to sustainability and has joined initiative Responsible Care.

A copy of ISO 9001 is attached to Form B - Bidder Information Form and at several locations on QUATUM system.

**SECTION 2 - APPROACH AND IMPLEMENTATION PLAN**



## 21 Approach to the Service/Work Required:

According to project ToR and requested tasks, we propose this general approach and responsibilities that will ensure both high quality of outputs and delivery of all tasks in time.

### **Role of key experts:**

The requested expertise will be guaranteed by Key experts with large experience in the topic. They will ensure utilization of proper methodology, supervise realization of all tasks and approve outputs.

### **Role of supporting experts:**

To ensure delivery in time, supporting, non-key, experts will be also hired. Their responsibility will be realization of the concrete tasks, communication and close cooperation with national experts and support to key experts (desk researches, collection of documentation, etc.). To ensure proper balance between theoretical and very practical approach (the results must be very practical and must be based on both state-of-the art knowledge and practical experience from ground) we identified non key experts with not only academic experience and background but also with very practical experience relating to the subject assignment. We believe that to be able to deliver state-of -the art and practical result such combination is of utmost importance.

### **Role of national experts:**

National experts will cooperate in description of national situation and in adaptation of international experience. National experts will also contribute in cooperation with national stakeholders. Consultations with national and subnational stakeholders will be organized during planned missions and remote conference calls.

### **Role of coordinator:**

Coordinator (i.e. the project manager in cooperation with the team leader) will ensure day-to-day management and will ensure internal performance monitoring.

## **Phase 1 - Inception phase**

The Project Inception task will start with the signature of the contract between the client and the consortium leader DEKONTA. In general, the main purpose of this phase will be to define the overall project parameters and establish an appropriate management environment required to launch and manage the project.

In more specific terms, during this task, DEKONTA, as the project leader, will inform all the members of our team (sub-contractors, individual experts and other consortium partners) of the signature of the contract.

After all members are informed, this phase will be used to identify potential sources of relevant data (documents, institutions and national experts in the target sectors, etc.) that will be key for the production of the National Action Plans. In this way, any potential data gaps will be identified and dealt with right in the beginning of the project.

In addition, during this phase, the preliminary work plans, schedules and methodology will be updated according with any new information relevant for the project implementation. The project team will present to the client the inception report with a summary of the activities performed during the inception phase.

The deliverable of this phase will be:

- Inception report on the proposed methodologies (sectoral and regional)
- Designs of the adaptation plans' document
- Detailed work plan and schedule sectoral and regional NAPs development

Methodology and responsibility: The work plan, designs and the inception report itself will be developed by the coordinator, key experts supported by the national supporting experts. In order to develop a detail and most up to date work plan, a close cooperation with the national experts is planned and pre-agreed. Number of existing data will be provided by local project partners to the project team and used for evaluation and further recommendations and planning.

The work plan will be developed to allocate sufficient time to each task. Expected timeframe is described in this offer

(in the part 2.3), however some adjustment will be needed: start of the realization must reflect time of contract signing and missions must be planned according to time availability of main national and subnational stakeholders.

## **Phase 2 - Development of Sectoral NAPs and Regional Climate Change Adaptation Plans in Uzbekistan**

*Output 1: Development of four Sectoral NAPs (agriculture, water, health, buildings) and finalization of draft NAP for emergency management*

To complete the Output 1, the project team will carry out the following activities:

- Familiarizing with the climate vulnerability assessments for the targeted sectors (will be provided by the client), and with the Third National Communication, the first BUR and second NDC submitted by Uzbekistan to UNFCCC;
- Proposing a methodology for the sectoral adaptation plan development to comply with the corresponding international standards and guidelines, and best practices;
- Designing a draft structure/content of the sectoral (agriculture, water, emergency management, health, buildings sectors) adaptation plan document that covers every phase of NAP production and required inputs based on the proposed methodology for the sectoral adaptation plan development. Conducting (offline or online depending on the COVID situation) consultations with the project national partners and sectoral beneficiaries to present and discuss the proposed methodology and corresponding draft structure/content of the sectoral (agriculture, water, emergency management, health, buildings sector) adaptation plan document, collect feedback, finalize the structure/content of the sectoral (agriculture, water, emergency management, health, buildings sector) adaptation plan document and agreed with the national partners and sectoral beneficiaries and with UNDP;
- Considering the sectors' focused studies/analysis developed by the national/international experts/consultants and national companies within the NAP project activities to use their findings for the sectoral NAPs development. Using the studies/analysis findings, formulated each sector - specific required adaptation measures and activities (including baselines, indicators and targets with gender data disaggregation and sensitivity) to be planned and implemented based on the nationally adopted NAPs;
- Analyzing gaps assessments (produced by the national/international consultants) focused overarching capacity development of the national stakeholders for the iterative development of NAPs and integration of climate change adaptation into national planning and budgeting processes, integration of the respective gender sensitive and disaggregation approaches and practices, respective capacity building activities and NAP implementation monitoring and evaluation mechanism (the gap assessment reports will be provided by the client). Address the gaps in the sectoral NAPs respectively;
- Developing zero draft of sectoral adaptation plans based on the following sequencing: water and agriculture sectors; emergency management sector, health sector and buildings sector that included relevant overarching gender sensitivity and disaggregation, capacity building, and M&E dimensions;
- Conducting (off-line or online depending on the COVID situation) consultations with the project national partners and sectoral beneficiaries to present and discuss the zero drafts of each sectoral adaptation plans, collect feedback/comments based on which each NAP will be finalized and submitted for UNDP consideration and approval.

The final sectoral NAPs for agriculture, water, emergency management, health and buildings will be submitted for an approval by the Project Manager, as well as the Environment and Climate Action Cluster, UNDP Country Office.

*Output 2: Development of three (3) Regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) NAPs*

To complete the Output 2, the project team will carry out the following activities:

- Familiarizing with the climate vulnerability assessments for the targeted regions (will be provided by the

client);

- Proposing the methodology for the regional adaptation plan development to comply with the corresponding international standards and guidelines, and best practices;
- Designing a draft structure/content of the regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) adaptation plan document that covers every phase of NAP production and required inputs based on the proposed methodology for the regional adaptation plan development. Conducting (off-line or online depending on the COVID situation) consultations with the regional government agencies (in Karakalpakstan), partner regional authorities and beneficiaries to present and discuss the proposed methodology and corresponding draft structure/content of the regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) adaptation plan document, collect feedback, finalize the structure/content of the regional adaptation plan document and agreed with the regional national partners, authorities and beneficiaries, and with UNDP;
- Considering the regional focused studies/analysis developed by the national/international experts/consultants and/or national companies within the NAP project activities to use their findings for the regional NAPs development. Using the studies/analysis findings, formulated each region.

The final sectoral NAPs for agriculture, water, emergency management, health and buildings will be submitted for an approval by the Project Manager, as well as the Environment and Climate Action Cluster, UNDP Country Office.

Methodology and responsibility: Desk work, data collection, review of materials from secondary sources, statistical materials, regulatory documents, programs and national strategies adopted in the Republic of Uzbekistan (i.e. available development policies, strategies and/or action plans for the target sectors - agriculture, water, health, building and emergency management), in order to identify priority tasks in the field of climate change adaptation, data analysis, evaluation and subsequent preparing draft NAPs will be carried out by all the key experts and supporting experts. Results of the previous project phase will be utilized together with the materials provided by the client, consultations with national and regional experts, as well as project team's Czech and other international experience. In frame of this activity several missions will be realized to collect necessary information and to discuss preliminary proposed solutions with national and subnational stakeholders.

On the bases of collected data from the client, Uzbekistan authorities and research institutions together with data from the UN organizations related to the Uzbek project, the data will be treated with a focus to obtain the quantitative and qualitative data deliverables in compliance with the project's ToR for particular objectives.

The sectoral National Adaptation Plans and the regional adaptation plans will be designed based on the available national and regional strategic plans for development, as well as on available development policies, strategies and/or action plans for the target sectors - agriculture, water, health, building and emergency management.

## 2.2 Technical Quality Assurance Review Mechanisms:

In general terms, all processes relating to the implementation of a given project will be carried out under controlled mechanism related to the best international standards. This means that the main purpose of control is to run processes of the tasks implementation in line with approved project documentation and with the application of proper methodologies implemented by qualified personnel in order to ensure stable quality of final outputs. The basis for the process planning and control is laid down in consortium leading company (DEKONTA) guidelines:

- Project documentation sets out processes and instructions, monitoring and control of process parameters, points which in the implementation process are important for output quality checking, including control operations.
- All work intended for the implementation process is checked prior to release by qualified personnel of the implementation centre from the viewpoint of appropriateness to particular conditions.
- The implementation process is considered to be sound if features and characteristics of quality measured and found during controls are in accordance with requirements specified.
- The extent of records on processes and facilities is given by the in-house guidelines elaborated in frames of our control system.

In more specific terms the contractor will assure that the QA/QC are implemented by:

- Internally reviewing the quality of the tasks outputs before they are handed to the Client by relevant expert in the same field of expertise and project manager.
- Ensuring that the staff participating in the activities has its knowledge and expertise up to date and is trained to perform the required activities
- Ensuring that proper guidance is given to our local contacts when requiring data collection
- Ensuring that there is a person appointed as point of communication between all the team members and the client
- Enforce internal reporting mechanism throughout the project to track the outputs and milestones of the project

2.3 Implementation Timelines: The Proposer shall submit Project Schedule indicating the detailed sequence of activities that will be undertaken and their corresponding timing.

After thorough study of the ToR and discussions among our specialists familiar with the region specifics, we have come to conclusion that due to the complexity of tasks, or, among else, the necessity to collect data from possibly complicated areas, it would be difficult to elaborate project deliverables within the requested deadlines. We would therefore kindly ask UNDP team to consider postponing the deadlines for submission of the Output 2 to the end of March 2023 and Output 3 to the end of October 2023. In such scenario, our proposed timeline schedule would be as follows:

Activity / month	month 1	month 2	month 3	month 4	month 5	month 6	month 7	month 8	month 9	month 10	month 11	month 12
Contract signing and mobilisation of experts	█	█										
Inception report on the proposed methodology												
Desk research		█	█									
Field research in Uz.bekistan				█								
<b>Kkk-off meeting with client and stakeholders Review of the Inception report and methodology</b>												
Desk research		█	█	█								
Field research in Uzbekistan (if needed)						█						
<b>Development of four (4) Sectoral NAPs (aplculture, water, health, bulldings) and finalization of draft NAP for emergency management</b>					█	█	█	█				
Desk research					█	█	█	█	█			
Field research in Uzbekistan (if needed)									█			
<b>Development of three (3) Regional (Republic of Karakalpakstan, Bukhara and provinces) NAPs</b>									█	█	█	█

**2.4 Risks / Mitigation Measures:**

Our team is aware that the implementation of international projects may carry a degree of risks that could potentially impact the project's timeline, performance or budget. For this reason, our team will use a project risk management process in order to identify, monitor, analyse and respond to any risk that may arise over the life cycle of the project and, doing so, to help the project remain on track and meet its goal.

After reviewing the Terms of References of the project and all the tender documentation, as well as our knowledge of Uzbekistan, we have identified five primary groups of potential risks and we have developed risks mitigation measures accordingly. The main potential risks in this project are:

- Geopolitical and security risks: due to the political instability in the region where the project is going to be implemented, there is the risk that travel to the region of project implementation may be restricted or halted.

For this reason, DEKONTA will monitor the situation through the Ministry of Foreign Affairs in Czech Republic and follow all the recommendations put by the relevant authorities. DEKONTA has partnered with local consultants that are able, under our instructions, to collect all the necessary data if travel is restricted and will propose that all meetings that otherwise, under normal conditions, would have occurred in person, to be carried out online. Moreover, DEKONTA will develop for the whole project team a security plan for the purpose of rapid unexpected emergency situations. The security plan will among others contain instructions and important contacts of persons responsible for managing emergency situations, as well as local institutions contacts, incl. embassy, police, ambulance, emergency service, etc.

- Project management and implementation risks: because projects are managed and implemented by people, human mistakes and mismanagement of the tasks can originate risks. For this reason, the coordination of implementation activities will be given a key consideration. For this reason, DEKONTA has put together a team of experts/specialists with extensive practical experience in dealing with similar projects in the region that will count with strong local expertise support that will also provide logistical support and operational contact with the beneficiary of the project and other local authorities and organizations. Because DEKONTA employs hundreds of qualified staff with similar experience and expertise of the ones participating in this project, if any of the experts would become unavailable to at any time during the period of the contract, we are able to replace him/her with another expert with similar expertise and experience.
- Financial risks: we understand that financial health of the companies that implement the contract is a priority for the client. DEKONTA owns a liability insurance and its financial health is considered very good. We are also able to count with several lines of credit. We believe that we are financially prepared to carry out this project from the beginning until the end without asking for advance payments that are not specified in the contract.
- Covid related risks: as seen in 2020 and 2021, the Covid pandemic had a negative impact in the worldwide travel. Many countries closed its borders and non-essential travel were prohibited or severely limited. DEKONTA's activities were affected and in many of our projects we had to adapt to the implemented restrictions but we were able to successfully complete all our projects including the organization of training workshops for UNDP in Sarajevo and Banja Luka (Bosnia and Herzegovina), for Emergency Management Service in Tbilisi (Georgia), on-line training for national experts of Turkmenistan, as well as for national ministries and agencies in Dushanbe (Tajikistan), where all sanitary precautions were strictly observed. Our approach in the case of a new pandemic will be to, if possible, delay all activities that require the physical presence of our team members. If this will not be acceptable by the client, our team can rely on the work of our local partners to carry out with the project tasks under our remote supervision/instructions. In addition, our team (already experienced in implementing projects in this situation) will observe all the mandatory national laws (use of PPE, hygiene rules, testing/vaccination) to carry out with the tasks in the country.
- Client/stakeholders expectations: we understand that submitting the project in a timely manner with quality outputs is important for all parties involved in the implementation of this project. For this reason, after the signature of the contract, DEKONTA will prepare a detailed workplan that will be presented to the client and the main stakeholders of the project for their comments. This workplan will present an updated detailed schedule of the activities, information (tentative dates) for meetings/workshops and a schedule of the deliverables. In this way, we will keep the main stakeholders of the project aware of all the timelines of the project implementation. In addition and, in order to ensure the quality and accuracy of the deliverable produced during the project implementation, our team will ensure that all outputs (written by the individual experts that will participate in this project) will go through a process of quality assurance and control, i.e.

proofreading/revision that will include a preliminary review/approval process by the project's team leader before being handed to the client (and possibly other key stakeholder) for incorporating the final comments/feedback before any final version is prepared.

2.5 To be able to demonstrate availability of in-house knowledge and expertise in the fields covered by the TOR/contract (to be elaborated by the bidder in the technical proposal);

2.6 To be able to demonstrate availability of in-house knowledge and expertise in the fields covered by the TOR/contract (to be elaborated by the bidder in the technical proposal);

The project consortium (DEKONTA & CZU) has sufficient in-house knowledge and expertise the field of international development project management and implementation, incl. capacity building, as well as implementation of climate change adaptation interventions and development of climate change adaptation strategies in emergency management, water management, agriculture and building sector, incl. energy efficiency and promoting transfer of technologies and knowledge to practice.

Project consortium's geographic scope is the CEE and Central Asia countries.

The project consortium is also familiar with completing assignments for UNDP and other international donor and financial organisations such as FAO, UNEP, Czech Development Agency, G.I.Z., USAID, WB, EBRD.

Capacities of the project consortium in-house experts are demonstrated by means of the CVs presented in the relevant section of QUANTUM.

To increase its knowledge and expertise, the project consortium is supported by subcontracting companies and associated experts and national (Uzbek) experts specified in the Section 1 of the technical bid.

2.7 Availability of effective in-house quality control/assurance system and mechanisms to ensure highest quality of final products developed by the contractor (to be explained by the bidder in the technical proposal);

All the services and activities of DEKONTA are managed by the means of established and certified Quality Assurance, Environmental and Occupational, Health and Safety Management Systems in accordance with EN ISO 9001 :2001, ISO 14001:2004 and ISO 45001 (formerly OHSAS 18001). DEKONTA is devoted to sustainability and has joined initiative Responsible Care.

In 2020, DEKONTA won SDGs Awards in the International Development Aid Category:

<https://www.spolecenskaodpovednost.cz/en/the-czech-republic-knows-the-best-sustainable-projects-of-2020-projects-were-awarded-in-the-sdgs-awards-2020/>

Please see all the relevant certificates uploaded in the relevant section of QUANTUM.

The mechanisms of control/assurance system to ensure the highest quality of final products developed by the project team is described in detail in the part 2.2 "Technical Quality Assurance Review Mechanisms" of this Technical Proposal.

## **SECTION 2A: Bidder's Comments and Suggestions on the Terms of Reference**

*Provide comments and suggestions on the Terms of Reference, or additional services that will be rendered beyond the requirements of the TOR, if any.*

After thorough study of the ToR and discussions among our specialists familiar with the region specifics, we have come to conclusion that due to the complexity of tasks, or, among else, the necessity to collect data from possibly complicated areas, it would be difficult to elaborate project deliverables within the requested deadlines. We would therefore kindly ask UNDP team to consider postponing the deadlines for submission of the Output 2 to the end of March 2023 and Output 3 to the end of October 2023.

### SECTION 3: PERSONNEL

**3.1 Composition and structure of the team proposed.** Are the proposed roles of the management and the team of key personnel suitable for the provision of the necessary services? Has the Offeror provided detailed resumes for each member of the proposed team?

Please see table below providing overview of our proposed team, summing up each expert's qualification and experience.

**3.2 Qualifications of key personnel proposed (backgrounds that would be desirable for individuals engaged in the work this project requires)**

Position	Name (company)	Expert's education and experience
<b>Team leader</b>	XXXXX (DEKONTA/BEZK)	<ul style="list-style-type: none"> <li>- MSc. in economics, MSc. in geology and environment</li> <li>- 30 years of professional experience in management and coordination, experience in environmental protection, climate change, DRR, strategic planning, financing environmental and climate projects in Central Asia, South Asia, Southeast Asia, Middle East, and Africa, incl. fieldwork in difficult political and security environments in Nigeria or Uzbekistan,</li> <li>- Worked with OSCE, UNDP, FAO, REC for CEE, G.I.Z., etc.</li> <li>- Fluent in English and Russian</li> </ul>
<b>Manager</b>	XXXXX (DEKONTA)	<ul style="list-style-type: none"> <li>- Ph.D. in environmental chemistry and technology</li> <li>- 16 years of professional experience in development projects management, experience in the environmental legislation, health &amp; safety, risk assessment, environmental impact assessment, waste management, climate change and capacity building.</li> <li>- Certified expert in air quality impact assessment</li> <li>- Worked with CzDA, UNDP, EBRD, FAO in Eastern Europe and Asia</li> <li>- Fluent in English. basic Russian</li> </ul>
<b>Specialist in Water Resources</b>	XXXXX (DEKONTA/BEZK)	<ul style="list-style-type: none"> <li>- Ph.D. in irrigation and land reclamation, BSc in water resources engineering</li> <li>- Over 20 years of professional experience in the field of hydrometeorology, climate change, environmental management, disaster risks management and water resources management</li> <li>- Professional experience with development of strategic plans and programs, incl. national program for adaptation to climate change</li> <li>- Nationally authorized person for working with the network of climate technology (CTCN) of the UNFCCC</li> <li>- Worked with ADB, EBRD, WB, UNDP, GCF</li> <li>- Fluent in Russian, advanced in English</li> </ul>
<b>Specialist in Agriculture</b>	XXXXX (CZU)	<ul style="list-style-type: none"> <li>- Ph.D. in meteorology, climatology and agrometeorology</li> <li>- Master's Degree in Geography and Biology</li> <li>- Over 20 years of experience in agroclimatic sciences with focus on climate change impacts on agriculture, and climate adaptation-related measured and action</li> <li>- Participated in 10 client facing international projects in the past 8 years working closely with government agencies and regional authorities</li> <li>- Fluent in English and Russian</li> </ul>
<b>Specialist in Health</b>	XXXXX (DEKONTA/SZU)	<ul style="list-style-type: none"> <li>- Doctor of Medicine with postgraduate degrees in Hygiene and Epidemiology and in Communal and Environmental Hygiene</li> <li>- 35 years of experience in working in the health sector</li> </ul>



		<ul style="list-style-type: none"> <li>- 8 years of experience working in the impacts of climate change in the health sector in cooperation with government agencies and regional authorities</li> <li>- Involved in several consultancy client facing projects. Prepared over 80 health risk assessment studies</li> <li>- 8 years of experience developing climate change related action plans for the health sector</li> <li>- Proficient in English with a basic knowledge of Russian</li> </ul>
<b>Specialist in Building Sector</b>	XXXXX (OEKONTA)	<ul style="list-style-type: none"> <li>- Educational background in chemical technology of building materials (Ph.O. in Science for Conservation and M.Sc. in Chemical Engineering specialized in chemical technology of building materials)</li> <li>- Over 10 years of experience with buildings reconstructions, with focus on sustainability certifications (LEED - Leadership in Energy and Environmental design) and buildings decontamination.</li> <li>- Research experience with development of sustainable mortars for buildings reconstruction</li> <li>- Participation in client facing in UNOP-funded consultancy projects as an expert in the building sector with close cooperation with government agencies and regional authorities</li> <li>- Fluent in English</li> </ul>
<b>Emergency Management</b>	XXXXX (OEKONTA/IWES)	<ul style="list-style-type: none"> <li>- Ph.O. in Environmental Sciences and a Master's degree in Environmental Engineering</li> <li>- Over 25 years of experience in the field of natural disaster risk reduction and/or management</li> <li>- Participation in over 40 client facing international projects (12 in Uzbekistan and in Central Asia Region) in the last 25 years in the field of emergency management related to natural disasters with close cooperation with government agencies and regional authorities</li> <li>- Fluent in English with a basic knowledge of Russian language</li> </ul>
<b>Capacity Building Specialist</b>	XXXXX (OEKONTA/ IWES)	<ul style="list-style-type: none"> <li>- Ph.O. in Hydrology and a Master's degree in Water Resources Engineering and Management</li> <li>- 15 years of experience in the field of water resources</li> <li>- Conducted over 30 capacity building activities in Central Asia on the topics of climate impact on water resources, hydrological forecasting, Disaster Risk Reduction (ORR), GIS and Remote Sensing and etc.</li> <li>- Author of a hydrological model MODSNOW that is widely used in Central Asia for seasonal water availability assessment</li> <li>- 5 years of experience in the field of climate change adaptation</li> <li>- Fluent in Uzbek, English and Russian languages</li> </ul>
<b>Monitoring and Evaluation Specialist</b>	XXXXX (OEKONTA/IWES)	<ul style="list-style-type: none"> <li>- Master's degree in Environmental Science and GIS</li> <li>- 13 years of experience in the field of project monitoring and evaluation in the field of climate</li> <li>- 9 publications in the last 11 years in the field of water management in the context of climate change</li> <li>- Participation in several client facing consultancy project with close cooperation with government agencies and regional authorities</li> <li>- Fluent in English, Russian and Uzbek languages</li> </ul>
<b>Gender Specialist</b>	XXXXX (OEKONTA/GEOtest)	<ul style="list-style-type: none"> <li>- Master's Degree in Art, Sociology</li> <li>- Certificate of advance Study in Women and Gender Studies</li> </ul>

		<ul style="list-style-type: none"> <li>- 9 years of experience in social and gender studies</li> <li>- Worked with international donors such as UN FAO, ADB on gender/agricultural projects</li> <li>- Fluent in English, Russian, Uzbek</li> </ul>
<b>Non-key experts</b>		
Local specialist in agriculture and water resources	XXXXX (DEKONTA/Individual consultant)	<ul style="list-style-type: none"> <li>- Ph.D. in Environmental Studies</li> <li>- Masters of Science in Environmental Science</li> <li>- 17 years of work experience in the field of agriculture sector</li> <li>- 9 published articles in the last 15 years in the field of climate change impacts in agriculture.</li> <li>- Experience in coordinating client facing local and international consultancy projects</li> <li>- Currently working as a national expert for FAO and cooperating with government agencies and regional authorities in the field of agricultural climate resilience in Uzbekistan</li> <li>- Fluent in Uzbek, Russian and English languages</li> </ul>
Supporting Agriculture specialist	XXXXX (DEKONTA/ GEOtest)	<ul style="list-style-type: none"> <li>- Ph.D. in agriculture and crop production</li> <li>- 15 years experience in agricultural sector</li> <li>- Crop production, agroforestry and agroecology, livestock production, climate change adaptation and mitigation in all these agri sectors</li> <li>- Worked with CzDA, EU, UNDP, EIB, USAID, Jointly funded WB, SIDA, EUD other sector and EBRD other sector -all climate related), experience including development of strategy for sugar sector in Madagascar and Action plan and strategy for dairy sector in Philippines</li> <li>- Proficient in English, basic Russian</li> </ul>
Capacity building non-key expert	XXXXX (DEKONTA)	<ul style="list-style-type: none"> <li>- Master's degree in Environmental Sciences and Natural Sciences</li> <li>- 18 years of experience in the field of environmental sciences</li> <li>- Coordination of several capacity building projects in Bosnia and Herzegovina for international clients</li> <li>- Participation in over 70 client facing consultancy projects in the field of in the field of environmental management with close cooperation with government agencies and regional authorities</li> <li>- Fluent in English</li> </ul>
Emergency Management	XXXXX (DEKONTA/BEZK)	<ul style="list-style-type: none"> <li>- BSc in Law and Management</li> <li>- 29 years of experience in the field of natural disaster risk reduction and emergency management</li> <li>- Experience in the participation of client facing international projects (Central Asia Region, UNDP funded) in the field of emergency management related to natural disasters with close cooperation with government agencies and regional authorities</li> <li>- Fluent in English and Russian languages</li> </ul>

3.2a / 3.2b Provide the CVs for key personnel (Team leader/Manager, Specialists) that will be provided to support the implementation of this project. CVs should demonstrate qualifications in areas relevant to the Scope of Services.

CVs are uploaded in the respective sections of QUANTUM portal.

## SECTION 5. TERMS OF REFERENCE

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### Development of Sectoral and Regional Climate Change Adaptation Plans in Uzbekistan

#### I BACKGROUND

The climate change is happening with unprecedented speed and intensity throughout the world, threatening continued economic growth and development progress. This has become a serious and major challenge to the Central Asian region, specifically Uzbekistan whose land is extremely vulnerable to drought caused by the climate change.

Uzbekistan, the most populous country in Central Asia, has over 35 million people (2021), of which approximately half live in urban areas. Uzbekistan has a large and diverse territory covering 447,400 sq. km with an arid, continental climate characterized by cold winters, hot summers and limited precipitation. Since 1938, all regions of Uzbekistan have experienced an increase in mean minimum and maximum temperatures for all seasons of the year. The general trend indicates that temperatures across Uzbekistan have increased on average by approximately 1.5 °C and annual precipitation has declined by approximately 10 mm across this time period.

Warming trends observed in Uzbekistan since 1951 have occurred at more than twice the global average for this time period<sup>4</sup> and significant climate risks are already evident. Reductions in water resources and changing precipitation patterns are predicted to further exacerbate prolonged droughts and extreme weather events. The situation is further worsened by the continuing disappearance of the Aral Sea that has lost 57% of its surface area, 80% of its volume and 64% of its depth in the past four decades. The Aral Sea basin is now a salt desert called Aralkum that affects the entire country's ecology. Aridity is also expected to increase across the entire country, most notably in the west.

The population with lowest income of Uzbekistan lives in the most arid parts of the country, is dependent on subsistence agriculture, and is facing increased vulnerability to changes in climate conditions and natural resources availability. The country needs to put climate change adaptation at the heart of its agenda. Given this, the government has recognized the urgent need for climate change adaptation measures.

#### The project

The project "Sector driven National Adaptation Plan (**NAP**) to advance medium- and long-term adaptation planning in Uzbekistan" funded by the Green Climate Fund (GCF) Readiness Program has been launched in 2020 and is being implemented by the United Nations Development Programme (UNDP) in Uzbekistan in the partnership with the Center of Hydrometeorological Services of the Republic of Uzbekistan (Uzhydromet). It is a part of Uzbekistan's response to address the above challenges and its objective is to advance the adaptation planning process for priority climate-sensitive sectors and regions in Uzbekistan through implementation of the three flows of activities that need to be coordinated and consolidated in climate change adaptation context that shall produce the key expected outcomes by the project. It will accomplish this via achieving the following three outcomes:

**Outcome 1:** The coordination mechanism for multi-sectoral adaptation planning and implementation at different levels is strengthened

This outcome seeks to identify barriers to integration of climate change adaptation into development planning and budgeting, and subsequently build capacity of key stakeholders to effectively plan for and monitor adaptation in Uzbekistan.

**Outcome 2:** The evidence base for adaptation planning is strengthened and adaptation is prioritized into national and sectoral planning and budgeting

This outcome seeks to consolidate existing climate information and put in place a system for science-backed economic analysis of adaptation options, to enable informed decision making in climate change adaptation in the country.

**Outcome 3:** An adaptation financing and investment strategy for Uzbekistan is developed

This outcome seeks to identify options to sustainably finance the NAP process in Uzbekistan and engage the private sector in supporting adaptation.

The sequencing of the underlying activities further ensures complementarity between the three outcomes - i.e. the capacities developed under the first outcome help strengthen the prioritization and integration of adaptation options into sectoral plans and budgets under outcome two, which in turn provides specific entry points into financing and investment strategy in outcome three. Together these three outcomes will advance effective adaptation planning in Uzbekistan.

The main beneficiaries of the project are Uzhydromet the Ministry of Investment and Foreign Trade (MIFT as National Designated Authority) as well as stakeholders from the *five* key sectors (agriculture, water, health, housing, and emergency management) and the government of the Autonomous Republic of Karakalpakstan and sub-national administrations of Bukhara and Khorezm provinces located in the Aral Sea region of Uzbekistan.

By aligning itself with the government's National Strategy on Sustainable Development (NSSD), focusing on strengthening existing systems and mechanisms such as the New Uzbekistan Development Strategy this project aims to be both incremental and sustainable. With the inclusion of stakeholder representatives from vulnerable populations, including women, it is designed to be inclusive and participatory. Gender inclusiveness is at the centre of the NAP process. During the implementation process, gender concerns will be brought to the forefront through all three of the project outcomes.

#### **ii. PURPOSE**

Under the direct supervision of the Project Manager and in close collaboration with Environment and Climate Action Cluster of the UNDP Country Office, and the project team, the Contractor will be responsible for *development of five (4) Sectoral NAPs (agriculture, water, health, buildings) and finalization of draft NAP for emergency management; and three (3) Regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) Climate Change Adaptation Plans in Uzbekistan.*

The development will utilize the existing national experience of the relevant government agencies as well as outputs already produced within the ongoing activities implemented within the UNDP/GCF NAP project in Uzbekistan, including the results of climate vulnerability assessments for the targeted sectors and regions, and the Third National Communication, the first BUR and second NDC submitted by Uzbekistan to UNFCCC. The final output will strengthen institutional and technical capacities for iterative development of NAPs and integration of climate change adaptation into national and subnational planning and budgeting processes in Uzbekistan. This will involve strengthening of existing climate adaptation framework (within the Climate Change Strategy of Uzbekistan, which is currently under the Government consideration for adoption) and systems, enhancing capacities of key stakeholders, expanding the evidence base to effectively contribute to the adaptation planning process, and establishing a mechanism to sustain the process.

#### **iii. THE SCOPE OF WORK**

The contractor will be responsible for undertaking all necessary steps and actions for *development of four (4) Sectoral NAPs (agriculture, water, health, buildings) and finalization of draft NAP for emergency management; and three (3) Regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) Climate Change Adaptation Plans in Uzbekistan.* Apart of the each sector-specific dimensions (measures and activities, baselines, indicators and targets), the overarching capacity development of national stakeholders for the iterative development of NAPs and integration of climate change adaptation into national and subnational planning and budgeting processes, integration of the respective gender sensitive and disaggregation approaches and practices, and NAP implementation monitoring and evaluation mechanism are to be integrated parts of the NAPs to be developed.

##### **Specific tasks will include:**

*Output 1: Development of four (4) Sectoral NAPs (agriculture, water, health, buildings) and finalization of draft NAP for emergency management*

- Familiarize with the climate vulnerability assessments for the targeted sectors (will be provided by the project team), and with the Third National Communication, the first BUR and second NDC submitted by Uzbekistan to UNFCCC;
- Propose methodology for the sectoral adaptation plan development to comply with the corresponding international standards and guidelines, and best practices;
- Design a draft structure/content of the sectoral (agriculture, water, emergency management, health, buildings sectors) adaptation plan document that covers every phase of NAP production and required inputs based on the proposed methodology for the sectoral adaptation plan development. Conduct (offline or online depending on the COVID situation) consultations with the project national partners and sectoral beneficiaries to present and discuss the proposed methodology and corresponding draft structure/content of the sectoral (agriculture, water, emergency management, health, buildings sector) adaptation plan document, collect feedback, finalize the structure/content of the sectoral (agriculture, water, emergency management, health, buildings sector) adaptation plan document and agreed with the national partners and sectoral beneficiaries and with UNDP;
- Consider the sectors' focused studies/analysis developed by the national/international experts/consultants and national companies within the NAP project activities to use their findings for the sectoral NAPs development. Using the studies/analysis findings, formulated each sector-specific required adaptation measures and activities (including baselines, indicators and targets with gender data disaggregation and sensitivity) to be planned and implemented based on the nationally adopted NAPs;
- Analyze gaps assessments focused overarching capacity development of the national stakeholders for the iterative development of NAPs and integration of climate change adaptation into national planning and budgeting processes, integration of the respective gender sensitive and disaggregation approaches and practices, respective capacity building activities and NAP implementation monitoring and evaluation mechanism (reports produced by the national/international consultants will be provided by the project team). Address the gaps in the sectoral NAPs respectively;
- Develop zero draft of sectoral adaptation plans based on the following sequencing: water and agriculture sectors; emergency management sector, health sector and buildings sector that included relevant overarching gender sensitivity and disaggregation, capacity building, and M&E dimensions;
- Conduct (offline or online depending on the COVID situation) consultations with the project national partners and sectoral beneficiaries to present and discuss the zero drafts of each sectoral adaptation plans, collect feedback/comments based on which finalize each NAP and submit final sectoral NAPs for UNDP consideration and approval.

*Outout 2: Development of three (3) Regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) NAPs*

- Familiarize with the climate vulnerability assessments for the targeted regions (will be provided by the project team);
- Propose methodology for the regional adaptation plan development to comply with the corresponding international standards and guidelines, and best practices;
- Design a draft structure/content of the regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) adaptation plan document that covers every phase of NAP production and required inputs based on the proposed methodology for the regional adaptation plan development. Conduct (offline or online depending on the COVID situation) consultations with the regional government agencies (in Karakalpakstan), partner regional authorities and beneficiaries to present and discuss the proposed methodology and corresponding draft structure/content of the regional (Republic of Karakalpakstan, Bukhara and Khorezm provinces) adaptation plan document, collect feedback, finalize the structure/content of the regional adaptation plan document and agreed with the regional national partners, authorities and beneficiaries, and with UNDP;
- Consider the regional focused studies/analysis developed by the national/international experts/consultants and/or national companies within the NAP project activities to use their findings for the regional NAPs development. Using the studies/analysis findings, formulated each region-

specific required adaptation measures and activities (including baselines, indicators and targets with gender data disaggregation and sensitivity) to be planned and implemented based on the regionally adopted NAPs;

- Analyze gaps assessments focused overarching capacity development of the regional project stakeholders for the iterative development of NAPs and integration of climate change adaptation into the subnational planning and budgeting processes, integration of the respective gender sensitive and disaggregation approaches and practices, respective capacity building activities and NAP implementation monitoring and evaluation mechanism (reports produced by the national/international consultants will be provided by the project team). Address the gaps in the regional NAPs respectively;
- Develop zero draft of regional adaptation plans that included relevant overarching gender sensitivity and disaggregation, capacity building, and M&E dimensions;
- Conduct (offline or online depending on the COVID situation) consultations with the project regional partners and beneficiaries to present and discuss the zero drafts of each regional adaptation plans, collect feedback/comments based on which finalize each NAP and submit final regional NAPs for UNDP consideration and approval.

#### IV. EXPECTED DELIVERABLES

#	Deliverables	Timeframe	Payment
1	Inception report on the proposed methodologies (sectoral and regional) and corresponding designs of the adaptation plans' document, including a detailed work plan and schedule sectoral and regional NAPs development;	15 calendar days from the date of signing the contract	10%
2	Final sectoral NAPs (agriculture, water, emergency management, health, buildings) developed, submitted to, and approved by the Project Manager as well as Environment and Climate Action Cluster, UNDP Country Office;	<b>15 November 2022</b>	60%
3	Final regional NAPs (Republic of Karakalpakstan, Bukhara and Khorezm provinces) developed, submitted to, and approved by the Project Manager as well as Environment and Climate Action Cluster, UNDP Country Office;	<b>15 March 2023</b>	30%

#### V. DURATION

Duration of the assignment should be based on timeframe of the Section 4 (EXPECTED DELIVERABLES) of this TOR. The proposed timeframe should be clearly justified by the offeror in its methodology and workplan and it should not exceed the **15 November 2022** for the Deliverable 2 (Final sectoral NAPs for agriculture, water, emergency management, health, buildings) and **15 March 2023** for the Deliverable 3 (Final regional NAPs). Any amendments concerning duration of the assignment shall be agreed upon between UNDP and the organization in written form. Amendments shall be effective after preliminary negotiations and after written agreement signed by the parties.

#### VI. DUTY STATION

The Contractor shall identify its duty station/location during the contracting period, mentioning the location of field works or in pursuit of other relevant activities, especially where traveling will be required. The Contractor will be responsible for providing its own working station (i.e. laptop, internet, phone, scanner/printer, specific software if needed, etc.) and must have access to a reliable internet connection. The Contractor's appointed Focal Point shall be regularly accessible by the Project Manager, project team and UNDP by email, online ZOOM platform and/or phone, as needed.

## **VII. REQUIREMENTS FOR EXPERIENCE AND QUALIFICATIONS OF THE SUCCESSFUL CONTRACTOR AND ITS KEY PERSONNEL**

For the above tasks, corporate services will be required. As indicated above, UNDP is planning to contract entity(ies) that can bring validated top-notch knowledge, progressive thinking and innovative ideas for development of Sectoral and Regional Climate Change Adaptation Plans for Uzbekistan.

Contractor's support will be needed on high value, high risk, complex priorities for transformational change, spanning multiple functional and sectorial expertise areas. Similarly, successful delivery of the assignment will require immediate and reliable access to expertise and know-how in global best practice across public and private sectors. Such quick and reliable response proved to a top priority in UNDP Uzbekistan context, which operates in a very dynamic environment also including climate change response.

The following qualifications have been determined in accordance with the complexity and comprehensiveness of the scope of the work expected from the contractor, as well as the level of know-how, innovative and progressive thinking, required for helping innovation and transformation happen in a wide variety of areas.

The bidder and/or the corporate group/network with which the bidder is organically associated should:

- Have a high degree of awareness and deep understanding of the climate change related risks and climate change impacts focused on the adaptation priorities;
- Have implemented a variety of projects on climate change adaptation (description of contracts with indicating period of performance);
- Have at least 5 years of experience in delivering consultancy focused on climate change adaptation to public and private sector;
- Have a highly diverse portfolio of clients (at least 5 different organizations);
- Have the ability to deploy missions and provide services in the project targeted (indicated in TOR) regions of Uzbekistan;
- Bear full responsibility for the data, information, expertise collection at national and regional levels in Uzbekistan through engagement/deployment of nationally available institutions/professional expertise;
- Appoint a dedicated focal point/manager who will be able to efficiently and timely respond to UNDP's requests and to be senior enough within the Contractor's company to coordinate the service provision of various units of the contractor, including those located in other countries;
- Have solid experience in the field(s) climate change adaptation with the focus on corresponding sectoral and regional approach;
- Should be able to demonstrate availability of in-house knowledge and expertise in the fields covered by the TOR/contract (to be elaborated by the bidder in the technical proposal);
- Should have an effective in-house quality control/assurance system and mechanisms to ensure highest quality of final products developed by the contractor (to be explained by the bidder in the technical proposal);
- Have demonstrable understanding of Uzbekistan's climate change and economic environment and development priorities;
- Ability to support UNDP and the NAP project team in effective negotiations with the sectoral and regional stakeholders during consideration and validation of the sectoral and regional NAPs development;
- Should have implemented a variety of projects in the service lines, covered by the contract in the last 3 years and minimum 3 projects in the services lines described in this TOR;
- Have ability to provide reports and communicate in proficient English. Knowledge of Russian or Uzbek will be an asset.

## **VIII. CORPORATE CERTIFICATIONS**

- Bidders must actively be pursuing internal quality standards aligned with ISO 9001 or equivalent. Evidence may be a copy of ISO 9001 certification or equivalent certification or internal quality standard policy and/or written procedures.

- Bidders must actively be pursuing environmentally friendly actions and activities, e.g. clearly stated CO2 reduction targets, a sustainable sourcing policy, Environmental Management System or similar. Evidence may be a copy of written policies and/or written procedures, CO2 neutrality certificate or equivalent.
- For all of the above-mentioned criteria, Bidders must submit the listed relevant documentation/certifications as part of their Bid.

## IX. TEAM STRUCTURES AND TEAM MEMBERS

### Team Structures

Companies could invite specialists and experts to the specific assignments. The main requirement should be database of the at least 8 (eight) specialists of the specific fields. Overall, team comprises of 10 people.

The following functional definitions have been developed to describe the team structures. These are indicative.

Position	Team
<b>Team Leader/Partner/Principal</b>	1
<b>Manager</b>	1
<b>Specialists</b>	8
<b>Overall! Number of contractor's staff in the Teams</b>	<b>10</b>

If needed, UNDP may ask for individual consultants/experts to be provided by the contractor, who may be also engaged through a Reimbursable Loan Agreement.

### TEAM MEMBERS

CVs of the Team Leader, Manager and Specialists should be submitted along with the application. CVs of the proposed team leaders and other members will be scored.

CVs of other team members may be submitted for reference purposes.

In the event that the awardees cannot use the proposed Team Leaders and/or Senior Members are not available at the time of delivery of assignments, the Contractor is obliged to propose Team Leaders, Senior Members, or Specialists whose qualifications are at least equal to the proposed Leaders, Senior Members, or Specialists. If a Leader, Senior Member or Specialist leave the Contractor during the validity period of the Contract, the Contractor undertakes to propose a person whose qualifications are at least equal to the proposed Leaders, Senior Members, or Specialists. These proposals are then subject to approval by UNDP in Uzbekistan. The proposers should ensure that there are at least two (2) alternate Team Leaders and should provide UNDP at its request additional information that provides assurance on the proposer's capacity to mobilize qualified staff at times of urgency or conflicting situations.

Company must submit profile of organization and CV of key staff for the pre-defined consultant levels indicated in the below table:

Team Member	Requirement
Team Leader	<ul style="list-style-type: none"> <li>• Master's degree (PhD is an asset) in climate change, climate risk management, economics, environment protection, and/or social sciences;</li> <li>• At least 10 years of professional experience in the area of climate change (preferably adaptation), climate resilient sustainable development, in which they are nationally or internationally renowned as an expert. Extensive experience in leading or directing major, complex and business-critical projects, bringing genuine strategic insight;</li> <li>• Advanced communication and presentation skills;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset;</li> <li>• Experience in building strategic alliances for development interventions and work with Governments and private sector;</li> <li>• Proven involved in preferably more than 5 projects, but at least in 3 projects, relevant to the service line for the past 5 years.</li> </ul>
Manager	<ul style="list-style-type: none"> <li>• Master's degree in management and administration, sustainable development, economics, natural resources management, and/or effective governance;</li> </ul>



	<ul style="list-style-type: none"> <li>• Substantial experience of at least 8 years in the Contractor's specialist fields and in a consultancy role. Previous experience in project management on at least 5 major projects, preferably in international development organizations;</li> <li>• Proven experience in managing team of international and/or national teams of specialists/experts;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities</li> </ul>
Specialist in Water Resources	<ul style="list-style-type: none"> <li>• Master's degree in geosciences, hydrology, climate sciences, hydraulic engineering, agriculture, environment and natural resources management and/or relevant sciences;</li> <li>• Minimum 5 years of professional working experience in irrigation water sector;</li> <li>• Strong knowledge of climate change impacts on the irrigation water sector, and climate adaptation related measures and action;</li> <li>• Notable experience and in-depth knowledge in water resources sector with evidence of a wide range of the relevant consultancy assignments and client facing experience;</li> <li>• At least 3 years of experience in the context of climate change adaptation action planning and funding in water resources management sector;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>
Specialist in Agriculture	<ul style="list-style-type: none"> <li>• Master's degree in agriculture, land management, soil science, climate sciences, environment and natural resources management and/or relevant sciences;</li> <li>• Minimum 5 years of professional working experience in the agriculture sector;</li> <li>• Strong knowledge of climate change impacts on agriculture (crops, horticulture and livestock), and climate adaptation related measures and action;</li> <li>• Notable experience and in-depth knowledge in agriculture sector with evidence of a wide range of the relevant consultancy assignments and client facing experience;</li> <li>• At least 3 years of experience in the context of climate change adaptation action planning and funding in agriculture sector;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>
Specialist in Health	<ul style="list-style-type: none"> <li>• Master's degree in medicine, public/human health, health systems management, health promotion, environmental science/management and/or relevant sciences;</li> <li>• Minimum 5 years of professional working experience in the health sector;</li> <li>• Strong knowledge of climate change impacts on health sector, and climate adaptation related measures and action;</li> <li>• Notable experience and in-depth knowledge in health sector with evidence of a wide range of the relevant consultancy assignments and client facing experience;</li> <li>• At least 3 years of experience in the context of climate change adaptation action planning and funding in health sector;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>

Specialist in Buildings Sector	<ul style="list-style-type: none"> <li>• Master's degree in energy efficiency and renewable energy, architecture, housing, spatial planning, green buildings design, or relevant sciences;</li> <li>• Minimum 5 years of professional working experience in the buildings sector;</li> <li>• Strong knowledge of climate change impacts on buildings sector, and climate adaptation related measured and action;</li> <li>• Notable experience and in-depth knowledge in buildings sector with evidence of a wide range of the relevant consultancy assignments and client facing experience;</li> <li>• At least 3 years of experience in the context of climate change adaptation action planning and funding in buildings sector;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>
Specialist in Emergency Management	<ul style="list-style-type: none"> <li>• Master's degree in the area of natural disaster risk reduction and/or management, civil protection, environment science, public policy, social policy, and/or relevant sciences;</li> <li>• Minimum 5 years of professional working experience in the area of natural disaster risk reduction and/or management;</li> <li>• Strong knowledge of climate change impacts on emergency management related to the natural disasters induced by climate change, and climate adaptation related measured and action;</li> <li>• Notable experience and in-depth knowledge in emergency management sector with evidence of a wide range of the relevant consultancy assignments and client facing experience;</li> <li>• At least 3 years' experience in the context of climate change adaptation action planning and funding in the emergency management sector;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>
Capacity Building Specialist	<ul style="list-style-type: none"> <li>• Masters degree in climate sciences, efficient governance, pedagogic, education and/or social sciences;</li> <li>• Minimum 5 years of experience related to development and implementation climate change focused capacity building activities;</li> <li>• Experience in development of action plans for capacity building targeted at government agencies and educational institutions and focused on climate change adaptation action planning and funding;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>
Gender Specialist	<ul style="list-style-type: none"> <li>• Bachelor or Master's degree in social sciences focused on gender and/or relevant sciences</li> <li>• At least 5 years' experience in gender sensitivity and with focus on climate change adaptation policy, strategies and action plans;</li> <li>• At least 3 years of progressing experience in integration of gender dimensions related to climate change adaptation into development of action plans for various institutions, sectors and regions;</li> </ul>

	<ul style="list-style-type: none"> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>
Monitoring and Evaluation Specialist	<ul style="list-style-type: none"> <li>• Master's degree in project management, business and administration, effective governance and/or relevant sciences;</li> <li>• At least 7 years' experience monitoring and evaluation of development projects, implementation of roadmaps and action plans;</li> <li>• Sound knowledge of M&amp;E methodologies and the result-based management approaches (baselines, indicator and targets), including quantitative, qualitative, and participatory planning design and implementation of M&amp;E systems;</li> <li>• At least 3 years of progressing experience in monitoring and evaluation focused on climate related background and interest in the analysis of sectoral and regional development;</li> <li>• Proven experience in building strategic alliances for development interventions and work with the government agencies and regional authorities;</li> <li>• Knowledge of proficient English, and fluency in Russian and Uzbek is an asset</li> </ul>

The Contractor, if necessary, may increase the number of specialists involved, but not more than 25% of the total number. The Contractor bears the overall responsibility for the quality of the final result of the work and compliance with the deadlines.

#### **X. CORPORATE CERTIFICATIONS**

Bidders must actively be pursuing internal quality standards aligned with ISO 9001 or equivalent. Evidence may be a copy of ISO 9001 certification or equivalent certification or internal quality standard policy and/or written procedures.

Bidders must actively be pursuing environmentally friendly actions and activities, e.g. clearly stated CO2 reduction targets, a sustainable sourcing policy, Environmental Management System or similar. Evidence may be a copy of written policies and/or written procedures, CO2 neutrality certificate or equivalent.

For all of the above-mentioned criteria, Bidders must submit the listed relevant documentation/certifications as part of their Bid.

#### **XI. UNDP CONTRIBUTION**

UNDP will provide the Contractor with the following, needed for effective and timely implementation of the assignment:

- Project related documentation;
- Report of national and international consultants developed within the framework of the NAP project;
- Contact details of stakeholders and NAP project team members;
- Corporate forms and templates.

#### **XII. PAYMENT**

Total costs for Services include all expenses which are relevant to implementation of all works stated in the ToR, including expenses for transportation services, expenses relating to organization and provision of consultations and trainings, conducting of research and all other related expenses associated with implementation of this assignment as per the signed contract budget.

Contractor is responsible for any tax payments resulting from the Contract to be signed between Contractor and UNDP. No cost increases or additional payments will be made to the Contractor for any reason whatsoever.

The payments will be made by UNDP according to the Contract and will be transferred to bank account of the Contractor. The rate of exchange should be the official rate applied by UNDP on the date UNDP effects the payment.

Payments are based upon output, i.e. upon delivery of the services specified in the TOR that contributed to the overall project deliverables as stated above under "Expected Deliverables".

Payment in three (3) installments from UNDP as follows:

- 10% - After the acceptance of the Inception report by UNDP
- 60% - After the approval by UNDP of the five (5) Final sectoral NAPs (agriculture, water, emergency management, health, buildings) through completion of the Output 1 not later than by the deadline set of **15 November 2022**
- 30% - After the approval by UNDP of the three (3) Final regional NAPs (Republic of Karakalpakstan, Bukhara and Khorezm provinces) through completion of the Output 2 not later than by the deadline set of **15 March 2023**

The answers to the questions **must** be provided on separate sheets of paper, yet, with strict adherence to the chronological order. We would highly appreciate it if your answers to attached questions are as clear and explicit as possible to facilitate ease of analysis/selection process, and to determine whether the documents are complete, properly signed, and whether the Proposals are generally in order. A Proposal determined as not substantially responsive will be rejected and may not subsequently be made responsive by the Offeror by correction of the non-conformity.

**UNDP recognizes the importance of confidentiality of the data provided and the proposal information**

**Příloha 2 - Splátkový kalendář**

Outputs	Percentage / (Price incl. VAT)	Condition for payment release	Expected timeline / Deadline for deliverables' submitting
<b>1st payment</b> Payable after UNDP's approval of the Deliverable 1 (Inception Report)	10 (4 200 USD)	Within 30 days after UNDP's approval of the Deliverable 1	15 December 2022
<b>2nd payment</b> Payable after submitting Deliverable 2: Sectoral National Adaption Plans (according to ToR)	40 (16 800 USD)	Within 30 days after UNDP's approval of the Deliverable 2	30 March 2023
<b>3rd payment</b> Payable after submitting Deliverable 3: Regional National Adaption Plans (according to ToR)	50 (21000 USD)	Within 30 days after UNDP's approval of the Deliverable 3	12 August 2023