



INDIVIDUAL CONSULTANT PROCUREMENT NOTICE

Date: **21 June 2022**

Country: Republic of Moldova

Description of the assignment: Local consultant to develop the technical specification for a software and hardware components for forecasting the production of electricity using renewable energy sources (RESs), evaluation of tender documents and QA at the final stage of installation and implementation

Project name: Addressing the impacts of the energy crisis in the Republic of Moldova: Initiating solutions toward energy security and energy poverty

Period of assignment/services: July 2022 – August 2022 (up to 20 working days)

Proposals should be submitted **online by pressing the "Apply Online" button**, no later than **28 June 16:30 (Moldova local time)**.

Requests for **clarification only** must be sent by standard electronic communication to the following e-mail: silvia.pana-carp@undp.org. UNDP will respond by standard electronic mail and will send written copies of the response, including an explanation of the query without identifying the source of inquiry, to all applicants.

1. PROJECT GOAL AND EXPECTED RESULTS

The overall objective of the Programme is to assist the Government of Moldova to tackle the current energy crisis and energy poverty in addressing prioritized systemic elements in the energy sector to cope with potential future energy crisis.

Specific objectives are to support the Government of Moldova to:

1. put in place the legal and regulatory framework in the energy sector with mainstreamed social and climate considerations in line with the EU requirements;
2. strengthen the capacities of the energy-related actors and enhancing institutional coordination mechanisms to address and avert risks entailed in recent and potential future energy crisis;
3. increased awareness and communication among the population to adopt the best energy saving practices and measures and to encourage the use of renewables;

4. operationalize nation-wide energy programmes and demonstrate solutions to increase energy affordability in residential and public buildings, targeting specifically the most vulnerable and affected groups of population.

2. BACKGROUND

Moldova is part of the EU's European Neighborhood Policy (ENP) and in the Eastern Partnership framework, which aims at strengthening individual and regional relationships between the EU and countries in its neighborhood. Moldova is also part of the Energy Community Treaty since 2010 and has signed the Association Agreement with EU in June 2014, including the DCFTA which entered into force in 2016. As a follow-up, Moldova is required to ensure transposition of the EU *acquis Communautaire*, which underpins the EU energy legislation on electricity, gas, oil, renewables, energy efficiency and environment. The country has recently synchronized its electricity network with the ENTSO-E to connect to European electricity market.

The energy sector is one of the top priorities for the Government and it is addressed in Government's Plans and a number of policy documents, laws and regulations. The most important are the following: the draft National Development Strategy 2030, the National Energy Strategy 2030, Law on energy, Law on electricity, Law on promoting use of energy from renewable sources, Law on natural gas, Law on energy efficiency, Law on the energy performance of buildings, Law on the labelling of products with energy impact, Law on eco-design requirements for energy-related products, etc., as well as a list of secondary legislation, meant necessary to ensure for the implementation of the primary legislation.

In accordance with the existing strategic planning documents, one of main priorities of the Government is to diversify the energy mix with more renewable energy, which is also fully in line with commitments under the EU Clean Energy for all Europeans packages. Achieving this goal will require significant investment in the medium and long term, but also the country's ability to attract and absorb the funds. The development of renewables, such as wind and solar, will also depend on improving the balancing capabilities of the Moldovan power system and its integration with neighboring countries.

Starting with October 2021, Moldova faced significant crisis in the gas sector, which outlined the need to undertake more actions towards improving energy security of the Republic of Moldova, both in the natural gas and electricity sectors. To enhance security of gas supply, Moldovan authorities are seeking various ways to diversify gas and electricity supply, to strengthen its energy security and enabling a transparent, fully open and well-functioning energy market.

The acute gas supply crisis in Moldova has also been subject of discussions within the Moldova-EU Association Council meeting on October 28, 2021. The EU and Moldova stressed the importance of resilience against any potential efforts by third parties to use energy as a geopolitical lever. The Association Council recalled the importance of continued energy market reform to strengthen competition and transparency in this sector. The EU has urged Moldova to ensure that the energy sector reform demonstrates full respect of the Energy Community *acquis* and is in line with the EU Third Energy Package. The EU side confirmed its support to the objective of Moldova for integration into the EU energy system and market, an important step being the recent synchronization of its electricity network with the Continental European Network (CEN).

Under these circumstances, the Government of Moldova will be assisted to tackle the current energy crisis and energy poverty and addressing prioritized systemic elements in the energy sector to cope

with potential future energy crisis. In partnership with EU, UNDP Moldova will therefore, support the Government of Moldova:

- To tackle the current energy crisis and energy poverty, and addressing prioritized systemic elements in the energy sector to cope with potential future energy crisis
- To support the Government of Moldova in building its capacities towards strengthening the national energy security, as well as in improving the legal and regulatory framework and operationalizing specific rapid large-scale interventions to tackle energy poverty and support most vulnerable and affected groups of population and businesses.

The Programme duration is envisaged between 2022- 2023 with support from Foreign Policy Instrument (herewith FPI) of EU. In this context, UNDP Moldova is seeking to recruit a Local Consultant to support identification of the potential beneficiaries of photovoltaic systems among the medical institutions.

In this context, UNDP Moldova is seeking to recruit a local consultant for the elaboration of the specifications for the procurement of the software for forecasting the production of electricity from renewable sources and hardware components.

3. SCOPE OF WORK, RESPONSIBILITIES AND DESCRIPTION OF THE PROPOSED ANALYTICAL WORK

From June 1, 2022, the new rules of the electricity market came into force. In this sense, both traditional energy producers and those from renewable sources have the right to participate in the electricity market, based on predefined forecasts. The purpose of the activity is to develop a specification for the procurement of specialized software for forecasting electricity and hard drives for the Central Energy Supplier.

The activity includes the following duties and responsibilities:

1. Undertake a comprehensive Desk review and market price analysis on existing software at the international level for electricity forecasting using Renewable energy sources (RESs).
2. Preparation of a report with recommendations on the most relevant forecast programs (licensed or open access), applicable to the Republic of Moldova;
3. In cooperation with the responsible department of the beneficiary, produce technical scope of work and draft the technical specifications and requirements/tender related documentation for purchasing the forecasting software and hardware components;
4. Provide support to the Project team in the technical evaluation process of tender applications, preparation of technical evaluation report to ensure best quality, compliance with technical requirements and value for money procurement;
5. In cooperation with the responsible department of the beneficiary, monitor and ensure quality of software installation, testing and commissioning in line with the UNDP requirements for procurement.

For detailed information, please refer to Annex 1 – Terms of Reference.

4. REQUIREMENTS FOR EXPERIENCE AND QUALIFICATIONS

I. Academic Qualifications:

- University degree (Bachelor's or Master's degree) in business administration, engineering, Information Technology or other related areas;

II. Knowledge and Experience:

- At least 5 years of professional experience in the energy field;
- Excellent knowledge of the rules and regulations of the electricity market in the Republic of Moldova;
- Extensive knowledge of the country's energy profile;
- At least 3 years of experience in developing and implementing (either in the capacity of adviser, quality assurance or recipient) of similar products;
- Previous experience in developing technical specifications for procurement of IT or other equipment systems/software in the field;
- Previous relevant work experience with the UN or other international organizations is an asset.

III. Competences:

- Strong analytical and report-writing skills demonstrated by previous assignments;
- Strong interpersonal and communication skills, ability to work with Government representatives, demonstrated by previous assignments;
- Ability to work under pressure, and to meet tight deadlines demonstrated by previous assignments;
- Fluency in Romanian and Russian, proficiency in English language is required for this assignment.

The UNDP Moldova is committed to the workforce diversity. Women, persons with disabilities, Roma and other ethnic or religious minorities, persons living with HIV, as well as refugees and other non-citizens legally entitled to work in the Republic of Moldova, are particularly encouraged to apply.

5. DOCUMENTS TO BE INCLUDED WHEN SUBMITTING THE PROPOSALS

Interested individual consultants must submit the following documents/information to demonstrate their qualifications:

1. Proposal, explaining why he/she is most suitable for the work, including past experience in similar assignments, providing a brief information on above qualifications and methodology on how he/she will approach and conduct the work (if applicable).
2. [OFFEROR'S LETTER TO UNDP CONFIRMING INTEREST AND AVAILABILITY FOR THE INDIVIDUAL CONTRACTOR \(IC\) ASSIGNMENT](#)
3. CV, including information about experience in similar assignments with at least 3 references.

6. FINANCIAL PROPOSAL

The financial proposal shall specify a total lump sum amount, and payment terms around specific and measurable (qualitative and quantitative) deliverables (i.e., whether payments fall in installments or upon completion of the entire contract). Payments are based upon output, i.e., upon delivery of the services specified in the TOR. In order to assist the requesting unit in the comparison of financial

proposals, the financial proposal will include a breakdown of this lump sum amount (including fees, taxes, travel costs, accommodation costs, communication, and number of anticipated working days)

Travel

All envisaged travel costs must be included in the financial proposal, if applicable. This includes all travel to join duty station/repatriation travel. In general, UNDP should not accept travel costs exceeding those of an economy class ticket. Should the IC wish to travel on a higher class he/she should do so using their own resources.

In the case of unforeseeable travel, payment of travel costs including tickets, lodging and terminal expenses should be agreed upon, between the respective business unit and Individual Consultant, prior to travel and will be reimbursed.

7. EVALUATION

Initially, individual consultants will be short-listed based on the following minimum qualification criteria:

- Advanced degree (University degree (Bachelor's or Master's degree) in business administration, engineering, Information Technology or other related areas..
- At least 5 years of professional experience in the energy field.
- At least 3 years of experience in developing and implementing (either in the capacity of adviser, quality assurance or recipient) of similar products.

The short-listed individual consultants will be further evaluated based on the following methodology:

Cumulative analysis

The award of the contract shall be made to the individual consultant whose offer has been evaluated and determined as:

- a) responsive/compliant/acceptable, and
 - b) having received the highest score out of a pre-determined set of weighted technical and financial criteria specific to the solicitation.
- Technical Criteria weight – 60% (300 pts);
 - Financial Criteria weight – 40% (200 pts).

Only candidates obtaining a minimum of 70% score of the technical evaluation (at least 210 points) would be considered for the Financial Evaluation.

Criteria	Scoring	Maximum Points Obtainable
<u>Technical</u>		
University degree (Bachelor's or Master's degree) in business administration, engineering, Information Technology or other related area.	(Bachelor – 20 pts. Master - 30 pts)	30
At least 5 years professional experience in the energy field.	no- 0 pts, 5 years – 25 pts,	45

Criteria	Scoring	Maximum Points Obtainable
	more than 5 years – for each additional year 5 pts up to the max – 45 pts	
At least 3 years of experience in developing and implementing (either in the capacity of adviser, quality assurance or recipient) of similar products;	no - 0 pts, 3 years – 25 pts, more than 5 years – for each additional year 5 pts up to the max – 45 pts	45
Extensive knowledge of the country's energy profile;	no – 0 pts, each assignment – 10 pts, Max. – 40 pts.	40
Excellent knowledge of the rules and regulations of the electricity market in the Republic of Moldova;	no - 0 pts, 2 years – 30 pts, more than 2 years – for each additional year 5 pts up to the max – 50 pts	50
Previous experience in developing technical specifications for procurement of IT or other equipment systems/software in the field	no – 0 pts, each assignment – 10 pts. Max. – 30 pts.	30
Previous experience in development assistance or related work for a donor organization, development partners, UN Agencies.	Yes - 10 pts, No – 0 pts;	10
Fluency in written and spoken Romanian, Russian is required for this assignment. Good level of English is required.	Romanian and Russian – max 20 pts (10 pts per each language) English – 10 pts.	30
Belonging to the group(s) under-represented in the UN Moldova and/or the area of assignment ¹	No – 0 pts., to one group 15 pts, to 2 or more groups – 5 additional pts.	20
Maximum Total Technical Scoring		300
Financial		
Evaluation of submitted financial offers will be done based on the following formula: <u>$S = F_{min} / F * 200$</u>		200

¹ The under-represented group in the area of the assignment are (men/women). Under-represented groups in UN Moldova are persons with disabilities, LGBTI, ethnic and linguistic minorities, especially ethnic Gagauzians, Bulgarians, Roma, Jews, people of African descent, people living with HIV, religious minorities, especially Muslim women, refugees, and other non-citizens.

Criteria	Scoring	Maximum Points Obtainable
S – score received on financial evaluation; Fmin – the lowest financial offer out of all the submitted offers qualified over the technical evaluation round; F – financial offer under consideration.		

Winning candidate

The winning candidate will be the candidate, who has accumulated the highest aggregated score (technical scoring + financial scoring).

8. ANNEXES

ANNEX 1 – TERMS OF REFERENCES

ANNEX 2 – INDIVIDUAL CONSULTANT GENERAL TERMS AND CONDITIONS