



## INDIVIDUAL CONSULTANT PROCUREMENT NOTICE

Date: 5 December 2022

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**Country:** Republic of Moldova

**Description of the assignment:** Lead Engineer to provide technical support and expertise to the project in implementation of energy efficiency and renewable measures

**Project name:** Addressing the impacts of the energy crisis in the Republic of Moldova: Initiating solutions toward energy security and energy poverty” (FPI Programme)

**Period of assignment/services:** December 2022 – August 2023 (*the estimated amount of work is 50 w.d.*)

Proposals should be submitted **online by pressing the "Apply Online" button**, no later than **19 December 2022, 16:30 (Moldova local time)**.

Requests for **clarification only** must be sent by standard electronic communication to the following e-mail: [necmettin.tokur@undp.org](mailto:necmettin.tokur@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.

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### 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 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.

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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.

In order to ensure a high level of quality of the works a team of 5 engineers with relevant experience in the specific fields will be available as follows:

- Two (2) technical supervisors, *certified for Category no. 1 “Civil, industrial, and agro-zootechnical constructions” with relevant experience in the field of civil constructions;*
- One (1) Technical supervisor, *certified for specialized works, Category no. 1) „Installations and internal networks: b) heating installations and networks” and/or Technical supervisor certified for civil construction Category no. 1 “Civil, industrial, and agro-zootechnical constructions” with relevant experience in interior heat energy supply networks;*
- Two (2) technical supervisors, *certified for specialized works, Category no. 2) “Installations and external networks: g) installations and electricity supply networks” and/or technical supervisors, certified for specialized works, Category no. 3) “Installations and external electrical networks” with relevant experience in photovoltaic installations.*

The work of the team of engineers is expected to be coordinated by a Lead Engineer.

In this context, UNDP Moldova is seeking to recruit a Lead Engineer to provide expertise and technical assistance in implementation of project activities.

*For details, please refer to the Terms of Reference.*

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

The scope of the current assignment is to provide expertise to the project team in contracting the design and/or construction companies for works and technical assistance in monitoring the progress of implementation the construction works foreseen in the component 4 of the project.

More specifically, the Lead Engineer is expected to perform the following tasks:

1. Provide technical assistance for contracting the technical design services (support for preparation of the specifications, support for the evaluation etc.).
2. Provide support for contracting the works (support for preparation of the specifications, support for the evaluation etc.).
3. Monitor the constructions works.
4. Coordinate the work of the team of engineers.
5. Provide technical assistance to beneficiaries during the implementation of works.
6. Ensure that for each construction site all required documentation and permits are obtained.
7. Conduct the committees at the substantial and final phase of completion of works.

*For details, please refer to the Terms of Reference.*

### **4. REQUIREMENTS FOR EXPERIENCE AND QUALIFICATIONS**

The incumbent should prove sound knowledge in civil engineering, local/Moldovan construction norms and standards, national building laws, as well as extensive experience in implementing energy refurbishment projects in buildings.

- I. Education
  - University Degree in civil engineering, energy, architecture or other relevant related area.
  - Certificate of Technical Supervision of construction works (certificat de atestare tehnico-profesională a specialiștilor în construcții).

## II. Experience and knowledge

- Work experience: at least seven (7) years of work experience in the field of civil engineering;
- Extensive experience in construction of small-scale infrastructure and civil works, preferably buildings renovation;
- Experience in management and supervising the team of experts/consultants;
- Knowledge and experience in checking the bill of quantities (BoQs);
- In depth knowledge of national legislation pertaining to the construction works;
- Previous experience in development assistance or related work for a donor organization, development partners, UN Agencies would be an advantage.

## III. Competences and skills

- Language skills: excellent command of written and spoken Romanian and English is required; knowledge of Russian is an asset;
- Strong leadership/team coordination skills and experience in project management;
- Computer proficiency, including knowledge of MS Office products (Word, Excel, Power Point) and electronic communication platforms such as Microsoft Teams, ZOOM, Google meet;
- High level of responsibility and organization capacities, creative approach to solving issues;
- Excellent communication and reporting skills;
- Ability to meet deadlines and prioritize multiple tasks.

The consultant has to demonstrate commitment to the core values of the United Nations, in particular, respecting differences of culture, gender, religion, ethnicity, nationality, language, age, HIV status, disability, and sexual orientation, or other status.

The United Nations in Moldova is committed to 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. [OFFEROR'S LETTER TO UNDP CONFIRMING INTEREST AND AVAILABILITY FOR THE INDIVIDUAL CONTRACTOR \(IC\) ASSIGNMENT](#)
2. CV, including information about experience in similar assignments with at least 3 references.
3. Copies of technical attestations/certificates.

## 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

Travel expenses will be covered by UNDP Moldova.

## 7. EVALUATION

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

- University Degree in civil engineering, energy, architecture, or other relevant related area;
- Certificate of Technical Supervision of construction works (certificat de atestare tehnico-profesională a specialiștilor în construcții);
- At least (7) years of work experience in the field of civil engineering.

The short-listed individual engineers 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% (200 pts);
  - Financial Criteria weight – 40% (200 pts).

Only candidates obtaining a minimum of 70% score of the technical evaluation (at least 140 points) would be considered for the Financial Evaluation.

Criteria	Scoring	Maximum Points Obtainable
<b><u>Technical</u></b>		
Advanced degree (Master/equivalent or Ph.D.) in civil engineering, energy, architecture, or other relevant related area	Bachelor's degree -15 pts., Master/equivalent – 25 pts., PhD - 35 pts	35
At least 7 years of work experience in the field of civil engineering	no- 0 pts, 7 years – 20 pts, more than 7 years – for each additional year 5 pts up to the max – 40 pts.	40
Extensive experience in construction of small-scale infrastructure and civil works, preferably buildings renovation	no- 0 pts, 3 assignments – 20 pts, more than 3 assignments – for each additional project 5 pts up to the max – 30 pts	30
Experience in management and supervising the team of experts/consultants	No – 0 pts. 5 years – 10 pts. More than 5 years -for each additional year, 5 pts., up to max.– 30 pts	30
Knowledge and experience in checking the bill of quantities (BoQs);	No – 0 pts; yes – 15 pts.	15
In depth knowledge and application of national legislation pertaining to the construction works	No – 0 pts. 5 years – 10 pts. More than 5 years -for each additional year, 5 pts., up to max.– 20 pts	20
Language skills: excellent command of written and spoken Romanian and English is required; knowledge of Russian is an asset;	English – 10 pts; Romanian or Russian – 5 pts per each.	15
Previous experience in development assistance or related work for a donor organization, development partners, UN Agencies	No – 0 pts; yes – 15 pts.	15
<b>Maximum Total Technical Scoring</b>		<b>200</b>

<b><u>Financial Evaluation Scoring</u></b>	
Evaluation of submitted financial offers will be done based on the following formula: <b><math>S = F_{min} / F * 200</math></b> 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.	<b>200</b>

#### 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**