

To: “Energy Efficiency Agency”.

From: Mihai Tirsu,
Energy Expert

Subject: Applying for **Position:** LOCAL CONSULTANT. TECHNICAL/ BUSINESS CONSULTANT OF GCIP MOLDOVA.

Project title: Clean technology innovation programme for SMEs and start-ups in the Republic of Moldova.

CONCEPT PAPER

Following the announcement published on website (<https://achizitii.md/ro/public/tender/21089628/1>) please accepts my application for the position: LOCAL CONSULTANT. TECHNICAL/ BUSINESS CONSULTANT OF GCIP MOLDOVA.

My knowledge and capacities are in compliance with the competences required to this position, they being accumulated during more than 30 years of experience, as National Expert/Consultant, inclusive in the most recent climate change mitigation projects implemented in the Republic of Moldova, the key responsibilities of mine being as following:

1. Development of fifth National Communication under the United Nations Framework Convention on Climate Change (UNFCCC) – Section „Energy”, 2021. – component **1A2- Manufacturing Industries and Construction**.
2. Performing of service for development of Third Biennial Update Report (BUR3) of Republic of Moldova to the United National Framework Convention on Climate Change, 2020 – component **1A2- Manufacturing Industries and Construction**.
3. Performing of service for development of Second Biennial Update Report (BUR2) of Republic of Moldova to the United National Framework Convention on Climate Change, 2018 – component **1A2- Manufacturing Industries and Construction**.
4. Performing of service for development of First Biennial Update Report (BUR1) of Republic of Moldova to the United National Framework Convention on Climate Change, 2016 – component **(2) Industrial Processes and Product Use Sector**.
5. Development of the NAMA on Promotion of energy efficiency in the industrial sector of the Republic of Moldova in 2021 in the position of national expert.
6. Development of National 4th Communication under the United Nations Framework Convention on Climate Change (UNFCCC) – Section „Industry”, 2017.
7. Development of the NAMA on Replacement of Clicker at cement production in the Republic of Moldova in 2017 in the position of national expert
8. Development of the NAMA on Promoting Energy Efficient Lighting in the Republic of Moldova in 2015-2016 in the position of national expert
9. Performing of GHG inventory exercise of energy sector of Chapter 3 “Policies and measures to mitigate climate change” of the Republic of Moldova’s Third National Communication under the UNFCCC 2013 in the position of Consultant;
10. Development of the measures for decreasing of energy consumption and GHG emissions in frame of 7 contracts in 2013, in the position of licensed auditor.
11. Performing of GHG inventory exercise of energy sector of Chapter 3 “Policies and measures to mitigate climate change” of the Republic of Moldova’s Third National Communication under the UNFCCC 2013 in the position of Consultant;
12. Performing of Vulnerability and Adaption Assessment of energy sector of Chapter 3 “Policies and measures to mitigate climate change” of the Republic of Moldova’s Third National Communication under the UNFCCC 2011 in the position of Consultant;

My experience as team leader is well proved by my experience in many national and international projects. For example, I had implemented successfully in last 5 year next projects:

- “Research and promotion of highly efficient energy generation through trigeneration by using solar renewable resources for getting electricity, heat and cold and purchasing of equipment”, code 2SOFT/1.2.66, in frame of crossborder program Moldova-Romania 2014-2020. Period of implementation 2020-2022).
- Support to the Government of Moldova/MIRD to regulate a mechanism for the payment of heating services in the case of apartments disconnected from the Central heating system. Contract with UNDP, period of implementation 2022;
- Eco-friendly technical solutions for efficient energy consumption in buildings and development of smart grid options with advanced renewable energy integration in Moldova, Contract with ANCD, period of implementation 2020-2023;
- Consulting services in support of phase II of the EU4Energy Programme, in particular with regard to the energy sector of Moldova (the Focus Country), contract with International Energy Agency, period of implementation 2022-2024;
- Consultancy services for technical assistance in relation to the following project pursued by the Company “*Impact Assessment Services*”, contract with Green for Growth Fund, Southeast Europe S.A., SICAV-SIF, period of implementation 2022-2023.
- Etc.

My expert/consultant skills have been well demonstrated as well in the next activities:

- MoSEF I (2009-2012) and MoSEF II (2013-2017) projects financed by EBRD and deals with investments in increasing of energy efficiency and also decreasing of GHG of private companies, mainly in the Industry, and stimulation of renewable energy sources and BAT.
- Performing energy audits for private companies for assessment in decreasing of energy and CO2 emissions in frame of Contract with European Investment Bank, 2016-2021
- Main expert in implementing EBRD project in Moldova – GEFF Moldova – which has a target promotion of energy efficient technologies in Moldova, 2021-2023.
- EU4Energy Project implemented by EBRD in Moldova dealing with increasing of energy efficiency and CO2 emissions reduction, 2018-2023
- Environmental expert in project **Impact Assessment Services under GGF Technical Assistance Facility**, implemented by EIB, 2022-2023
- Team leader for development of National Energy and Climate Plan for Moldova 2024-2050 financed by UNDP, 2023.
- National expert for development of National Strategy for efficiency of building stock financed by UNDP, 2023

I have more than 220 scientific publications, inclusive in the area of climate change mitigation. This fact demonstrates as well my capacities to identify, correctly formulate and resolve scientific problems; that is of importance in the reaching the project targets, as in this process a creative approach would be required.

Enclosed for your review is my CV on 7 pages.

I am available to accept this position for rate of EUR 180/per day

Signature: Mihai Tîrșu

Date: 15.09.2023