



ENERGIE ȘI BIOMASĂ

Resurse energetice alternative pentru Moldova



Pre-bidding conference **Supply and installation of solar collectors for domestic hot water in 28 social institutions (2 Lots)**

ITB17/01439

10 March 2017, 11:00

Le Roi International Business Center, 29 Sfatul Tarii str., Chisinau

Participants	
21 representatives of 17 companies attended the meeting	
UNDP Moldova	
1. Mihai Maciuca	MEBP Procurement and Contract Management Officer
2. Vitalie Vieru	MEBP Engineer

Background:

On 28 February 2017 UNDP Moldova issued an Invitation to Bid for the Construction of biomass heating systems in 28 social institutions across Moldova. The requirement is split into 2 Lots. The purpose of the Pre-bidding Conference is to clarify some aspects related to the procurement procedures as well as various technical aspects of the requirements.

The deadline for submission of bids is 29 March 2017, 11:00 local time. The bids will be opened on 29 March 2017, 11:00, in the presence of bidders who choose to attend the bid opening.

A general presentation of the requirements was given with the following aspects being highlighted in particular:

- Considering the number of sites, no group Site Visits will be conducted, however if interested, bidders may visit any particular site by arranging visits on their own. Contacts of the beneficiaries are provided in the Schedule of Requirements and Technical Specifications;
- Bids must be valid for minimum 120 days;
- Bidders are required to submit Bid Security in the amount of 7,000 USD per Lot following the template included in the ITB. The guarantee shall be valid for minimum 150 days.
- The selected contractor will be required to provide a Performance Security in an amount of 10% of contract.
- Bidders have the possibility to apply for one single LOT or for both LOTs, depending on their technical and financial capacity and their readiness to meet the specified deadlines. Contracts will be awarded for full Lots only, and in case a bidder does not provide an offer for even one site of a Lot, its offer shall not be considered eligible for the given Lot.
- Offers should be presented in US Dollars, exclusive of VAT and other taxes;
- The term of the completion of all works by any future contractor is 120 calendar days;
- The offers can be submitted in hard copy to the UN House Reception located on 131, 31 August 1989 str., or electronically, by email to the following address ONLY - tenders-Moldova@undp.org following the instruction provided in the Data Sheet No.23.

Moldova Energy and Biomass Project

- Contracts shall be awarded to the lowest price per Lot;
- To qualify, bidders must comply to the minimum qualification criteria specified in section 32 of the Data Sheet. In particular, it was underlined that the solar collectors that are to be installed will function in conjunction with existing biomass based boiler plants installed by the project in its first phase. In this context, a mandatory criterion is that bidders must have completed in the past at least 6 similar systems, i.e. solar collectors combined with conventional gas or solid fuel based heating systems;
- Bidders applying for both Lots must fulfil the evaluation criteria specified in section 32 of the Data Sheet. In particular, such bidders must have completed 12 similar systems in the past, have two different teams of specialists and minimum 1.2 M USD;
- Bidders tendering in for both Lots must also provide combined Work Time Schedule and Manpower Schedule for both Lots;
- The solar collectors must be manufactured in accordance with EN 12975-1 and accompanied by Solar Keymark Certificate. The relevant CE EN and Solar Keymark compliance certificates must be attached to the bid.
- Bidders are also required to provide Manufacturer Authorizations for the solar collectors;
- The general warranty period for the works and all equipment is 3 years. However, the solar collectors shall be covered by 10 years warranty;
- The selected contractor(s) will need to provide all required labor, equipment and materials for successful completion of works. Upon completion, the contractor will need to conduct the testing and the commissioning of the solar collectors in conjunction with the existing biomass based heating system;
- The solar collectors must comply to the following minimum specifications:
 - o Evacuated tube solar collector;
 - o Peak output power of minimum 2000 W calculated at an irradiation level of $G=1000 \text{ W/m}^2$, where the $T_m-T_a=0K$;
 - o Aperture area of minimum 2.8m^2 ;
 - o Compatible with drain-back systems;
- It was made a distinction of projects that have to be specified under previous experience in the Bidder Information Form (Section 5) and Technical Bid Form (Section 6). In the Bidder Information Form (Section 5), para 9, Bidders are required to specify the 3 biggest clients in the past 3 years, while in the Technical Proposal Form (section 6), para 1.3, Bidders are required to specify each individual assignment/project completed in the past (where several assignments were completed for same client, each shall be individually described in the form).
- **BOQs must be presented only in the form of the excel files attached to the bidding documents** that contain all the formulas for the calculation of total offers. Bidders must only fill-in the unit prices in the excel files, all other fields are locked for editing. This measure is meant to streamline the evaluation and comparison of offers thus, any **modification or intentional unlocking of BOQs is prohibited**. Any attempt to modify the file structure may lead to the rejection of the bid. Original excel files with unit prices inserted will need to be provided upon opening of bids either by attaching them to the offer on CD or by submitting them by email thereon.
- Occasionally in the technical design documents, may be mentioned a specific mark of model of equipment. Nonetheless, in any such case bidders may offer a substitute product that is equal in all respects to the specified product, meeting all its salient physical, functional and performance characteristics.
- Soon UNDP will also publish the English version of the BOQs. Bidders may fill-in either the Romanian or the English version of the BOQs. If any discrepancy between the two versions of the documents will be observed, or in case any formula inconsistency will be detected, bidders should immediately inform UNDP about the issue and not attempt to individually unlock and modify the files;

Questions and answers:

Q: In case of consortia are the qualification criteria cumulated?

A: No. In accordance with tender's conditions the minimum qualification criteria will apply to the consortium leader.

Q: How is the local currency converted to USD for the calculation of turnover?

A: In converting the turnover amount from local currency to USD, the evaluation shall use the average UNORE for the respective year.

Q: Is it acceptable to offer flat collectors instead of evacuated tubes?

A: No. After analyzing the advantages and disadvantages of different types of solar collectors, the project chose to install only collectors with evacuated tubes.

Q: Are there any limitations concerning the country of origin of solar collectors?

A: No. Solar collectors may be manufactured in any country provided that they have Solar Keymark certification.

Q: In case the solar collectors will break due to hail, will this be considered a warranty case?

A: Solar Keymark certification includes environment resistance tests. Once the solar collectors have passed Solar Keymark certification it is considered that they provide sufficient protection against environment factors. If however cases of solar collectors damage due to hail will occur, these will be examined individually in accordance with industry standards and local regulations.

Q: Considering the quality of water in the country, how will be the heating systems protected against lime formation on heating elements?

A: The biomass based boiler plants are equipped with water softening equipment. The contractor will need to connect the existing softening stations to the installed equipment to descale the water.