



ENERGIE ȘI BIOMASĂ

Resurse energetice alternative pentru Moldova



Site-Visit

Procurement of briquetting line installation and specialized equipment ITB18-01704

14 March 2018, 14:30
Cimișlia Mayoralty

Participants	
Representatives of 3 companies:	
1. Amborio S.R.L.	
2. Mivip Contract S.R.L.	
3. Iscompan S.R.L.	
UNDP Moldova	
4. Ecaterina Meaun	MEBP Procurement Officer
5. Ion Muntean	MEBP Consultant
Beneficiary	
6. Gheorghe Raileanu	The mayor of Cimișlia City Hall
7. S. Virlan	The deputy mayor of Cimișlia City Hall
8. Sergiu Andronachi	Manager "Servicii Publice Cimișlia"
9. M. Stirbul	Specialist
Consultants	
10. Alexandru Ursul	Independent expert
11. Budeanu Tudosie	Ecobripil S.R.L. – briquettes producer
12. Ion Ceban	Engineer

Background:

On 05 March 2018 UNDP Moldova issued an Invitation to Bid for the Procurement of briquetting line installation and specialized equipment.

The deadline for submission of bids is 26 March 2018, 15:00 local time. Bids can only be submitted using the UNDP's e-tendering platform. Bidders should follow the instructions for bidders published on tender's website.

The bids will be opened on 26 March 2018, 16:00, in the presence of bidders who choose to attend the bid opening.

The purpose of the Site-visit is to clarify technical aspects of the requirements of the briquetting line installation as well as of specialized equipment, according to the technical characteristics of the building where the briquetting line will be installed, and the way of collecting raw materials from woodlands.

The meeting was conducted in 3 sessions:

1. Presentation of the requirements of the technical aspects to the tender
2. Site visit
3. Questions and answers

Moldova Energy and Biomass Project

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1. Presentation of the requirements to the tender (technical aspects)

- UNDP representatives presented the general terms of the tender highlighting especially the technical specifications of the briquetting line installation and specialized equipment.
- The mayor of Cimislia City Hall announced that the repair works for the building where will operate the briquetting line are in progress.

2. Site visit:

- The construction of the roof was finished.
- At the present stage, no intervention works to the floor are required.
- The attended representatives of companies mentioned that it may be a problem to introduce the rotative dryer inside the building due the size of the dryer and its installing mechanism. The beneficiary will consider in the renovation works the possibility to demolish a small part of the building's front wall which will allow the equipment to be introduced inside.

3. Questions and answers:

1. In which way the raw material (branches) will be collected and where they will be stored?

Answer from mayor: *The branches will be collected at the periphery to the forest area in longitudinal strips and the collection process shall be directly from there by the primary shredder.*

Comment from one of the participants: In this case has to be considered another type of technology for collecting the raw material with a higher mobility. If the Beneficiary has a tractor with enough power, 90 PH, in this case a recommended type of the shredder would be a driven by the tractor one. Moreover, such type of the shredder may have a lower procurement cost, so the production costs will be reduced.

Answer from mayor: *The municipality will provide a 90 PH capacity tractor to operate such kind of shredder. He requested the UNDP to change the Shredder type, if possible, taking in count that the driven by the tractor Shredder is more mobile and less expensive for production capacity of briquetting line of 450 kg/h. It can be used simultaneously with both the shredder and the trailer.*

Answer UNDP: *UNDP will consider the Mayor's request and if the proposed type of the shredder is more efficient, it will be reviewed.*

2. What are the main technical characteristics of the shredder?

Comment from one of the consultants: *First of all, the size of the shredded material shall be up to 15 mm. The shredder has to be driven by the tractor axle. It is recommended the branches be taken from the pile automatically (to minimize the intervention of the human factor as much as possible) through the tractor command mechanism.*

3. In order to ensure the quality parameters of the final product there is needed an additional shredder after dryer to ensure the maximum size of the raw material of up to 1.5 mm.

Comment from one of consultants: *The shredder before drying stage shall chop raw material up to 6 mm and the shredder before pressing stage will chop raw material up to 1.5 mm.*

Comment from one of company's representative: It depends on the type of proposed technology. There are different types of shredders before drying stage, including shredders

that can ensure the maximum size of the raw material up to 1.5. So, there can be both options: only one shredder before draying stage or two shredders – one before draying stage and one before pressing stage.

Answer from mayor: *It shall be considered one more shredder in the briquetting line installation before the pressing stage.*

Answer UNDP: *This is the responsibility of the bidder to ensure before pressing stage the maximum size of the raw material up to 1.5 mm. In this case an additional shredder can be used if bidder decide so.*

4. Mayor asked UNDP to exclude the Pini kei technologies and let only Nestro technology, because the Nestro technology gives a better quality of the final product. Also because the Pini kei technology requires more often changing some pieces of technological equipment.

Answer UNDP: *UNDP will consider the Mayor's request and if his request will be justified, it will be reviewed.*

5. How many workers will be available at the collection site?

Answer from mayor: *about 4-5.*

6. What is the main type of the raw material?

Answer from mayor: *more than 90 % will be the branches of acacia.*

8. Is it possible to consider in this tender an additional equipment for production of pellets?

Answer UNDP: *In the project documentation is planned only briquetting equipment.*