



ENERGIE ȘI BIOMASĂ

Resurse energetice alternative pentru Moldova



Amendment no 1

Procurement of briquetting line installation and specialized equipment ITB18-01704

16 March 2018, 13:30

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

MEBP	
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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.

On 14 March 2018 at 10:00 UNDP Moldova organized a pre-bidding conference at "Le Roi" Business Centre, 29, Sfatul Tarii Street, 3rd floor, room 305, MD-2012 Chisinau, Moldova. The pre-bid Conference was attended by representatives of 2 companies. It was made a general presentation of requirements of the tender as well as a presentation of technical requirements of the briquetting line equipment and the specialized equipment. It was discussed especially general requirements of the tender. There wasn't any clarification questions of technical specification as per Pre-bidding conference minutes.

On 14 March 2018 at 14:30 UNDP Moldova organized a site visit at "Cimislia Mayorality, 14, Stefan cel Mare Street, District Cimislia, Moldova. There attended representatives of 3 companies. 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 operate, and the way of collecting raw materials from woodlands as per Site-visit meeting minutes.

During the site-visit meeting, it was discussed about amendment the technical specification due some new circumstances.

The purpose of this meeting is to decide the proposed amendment:

1. Proposed amendment: Changing the type of the primary shredder, which will collect the raw material from the woodland. Currently, in the tender documentation the shredder is a

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free running type. The mayor requested the UNDP to change the Shredder type, if possible into a driven by the tractor shredder.

Reasons: The driven by the tractor Shredder is more mobile and less expensive for production capacity of briquetting line of 450 kg/h. The municipality will provide a 90 PH capacity tractor to operate such type of the shredder. It can be used simultaneously with both the shredder and the trailer. Also, such type of the shredder is much cheaper.

Decision: Due to technical and economic advantages for both the Beneficiary and for MEBP, the type of the shredder will be changed as per following:

Item/s to be Supplied ¹	Quantity	Description/Specifications of Goods	Related Services	Delivery Date	Other Information
Collecting and chopping specialized equipment					
Lot 2 Mobile shredder	1	Technical characteristics of the of the shredder:	Conditions for Release of Payment	60 days from the signing the contract	The collected branches will be stacked in the longitudinal strips. The equipment need to chop the raw material in form of branches which are disposed on the soil in longitudinal strips close to the forest areas. The branches must be taken from the pile automatically (to minimize of the human factor) through the tractor command mechanism. This shredder must be fitted with an automatic system for transporting the shredded material to the trailer. The trailer and tractor are not part of this bid.
		- Capacity – the minimum amount must be correlated with the daily need of the production line - at least 4 tones of chips per day;			
		Cutting diameter: 0 - 100 mm;			
		Chips size: up to (15 mm);			
		Driving mechanism: tractor axle;			
		Connectivity: Front/back rear tractor lift;			
		Required power of the tractor: less than 90 hp;			
Model built according to EC regulations regarding this field of work;					
- Lifting capacity: at least 1500 kg.					

2. Proposed amendment: To consider one more shredder in the briquetting line installation after the dryer.

Reasons: The size of raw material before pressing stage shall be up to 1.5 mm.

Decision: Due the different technologies that can use either one shredder or two, this is the bidder's responsibility 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. In order to ensure competition, the technical specification will be adjusted for both options as per following:

Item/s to be Supplied ²	Quantity	Description/Specifications of Goods	Related Services	Delivery Date	Other Information
LOT 1					
Delivering, installing and putting into operation of the Briquetting line installation					
1.1 Briquetting line equipment					
Hammer mill (installed before rotative dryer)	1	Basic components:	Conditions for Release of Payment	40 days from the signing the contract	The hammer mill reduces the material size obtained by cutting wood waste.
		- Complete control panel including overload control.			
		- Feed conveyor and fan for aspirating the chopped material that is thrown to the drier;			
		- Efficiency class of the electric motor: at least IE1.			
		Technical characteristics for hammer mill:			
-Cutting capacity: minimum minim 1000 kg/h for raw material with a humidity content up to 40%;					
- Input size of the raw material: maxim 30 mm;					

¹ Clustering items by lots, if any, is recommended, especially if partial bids will be allowed.

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		- Output size of chopped material: from 5 to 6 mm;			Output size of chopped material: up to 1,5 mm in case of using only the hammer mill before rotative dryer.
Hammer mill (installed after rotative dryer)	1	Basic components:	Conditions for Release of Payment	40 days from the signing the contract	The hammer mill reduces the size of the raw material after drying process. !!! Optionally if the hammer mill installed before dryer can not provide raw material at the exit with a maximum of 1.5 mm.
		- Complete control panel			
		- Efficiency class of the electric motor: at least IE1.			
		Technical characteristics for hammer mill:			
		-Cutting capacity: minimum 600 kg/h for raw material with a humidity content up to 15%;			
- Input size of the raw material: maxim 6 mm;					
- Output size of chopped material: from 1- to 1.5 mm;					

3. Proposed amendment: To exclude the Pini Key technology.

Reasons: *The Nestro technology provide a better quality of the final product. Also because the Pini Key technology requires more often changing some pieces of technological equipment.*

Decision: The reasons of excluding the Pini Key technology have not any confirmation from statistical data nor from any technical and economical calculations. On the other hand, the Pini Key technology is one of the most used technologies on the market and the final product has a high calorific power. ***This amendment is rejected.***