



Друштво са ограниченом одговорношћу за производњу и дистрибуцију  
енергије и флуида и пружање услуга  
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Date: 11.12.2017.

## TO POTENTIAL BIDDERS

**SUBJECT:** Answer to the request for additional information or clarification considering preparing the bid

At the request of interested bidder for additional information about preparing of the bids in open procedure of public procurement - "**Reconstruction of Boiler Room "ZASTAVA" with the purpose of replacing a part of the capacity of coal-fired boilers with the combined natural gas-powered and heavy fuel oil-powered boilers, Phase I**", No of PP 1.1.47/2017, Purchaser is publishing an answers in accordance with article 63. of Public procurement law of Republic of Serbia.

### Questions:

1. Is it necessary for thermal capacity of boilers when working on natural gas to be 20MW with the calculated heat capacity of the economizer?
2. Please provide the type of fuel oil (with the maximum allowed percentage of sulfur content in the fuel oil) that will be purchased and used in the "Zastava" boiler room)
3. Is it possible to offer boilers for which, according to the manufacturer's recommendation, a higher minimum water temperature at the entrance to the boiler is required than the one specified in the tender?
4. Is it possible to offer boilers that have a requirement for a minimum volume flow of water through the boiler?
5. Is it possible to offer boilers with a lower specific water volume of 1.8 l/kW as requested in the tender?
6. Is it possible to offer boilers at which in order to access to the chimney pipes is necessary to dismantle part of the gas ramp or part of the oil line to the burner?
7. Is it possible to offer boilers that have no access to the flame tube on the back?
8. Is possible to offer boilers with one-piece boiler doors?
9. Is it possible to offer boilers and economizers with larger dimensions then the maximum requested in tender documentation?
10. Is it possible to deliver economizer that is not integral part of the boiler?
11. Is it possible to offer boilers that operate under a higher temperature regime than the one requested by the tender documentation?
12. Is it possible to offer boilers with two flame pipes and two small burners?
13. Can you provide to us with the planned hydraulic connection scheme for the complete equipment that is the subject of this tender, since it is not clear and uniquely in the tender

documentation, and is very important for the proper selection of equipment and proper functioning?

14. Is it possible to offer boilers with a maximum allowable temperature difference between pressure water and return water is less than 50 K?
15. Is it possible to offer boilers with a flame tube that is not centrally positioned?
16. What totally should be offered for item 3. Heavy fuel oil duct? Are these just the items listed on page 18? The linear heater is requested, but it is not clear which is its length.
17. On page 21, under the working point of the, the values are Q, H, Eta. The value of H is the unit of measure h (time). If H is required a pump effort, please provide an adequate unit of measure.

**Answers:**

1. The nominal capacity of the boiler when operating on natural gas is 20 MW without the economizer
2. The requested fuel is medium fuel oil (S-oil according to DIN 51603-3) with a maximum sulfur content of up to 3% according to standard SRPS EN ISO 8754
3. In the tender documentation are given the working parameters and they should be used for preparing the bid, because they are mutually harmonized with the operating parameters of the heat consumption and other equipment (exchangers, circulating pumps, armatures, pipe diameter...)
4. The boiler room is designed in a way that the flow through the boiler is constant and amounts 600.3m<sup>3</sup>/h. It is certainly possible to offer a boiler with a minimum flow requirement less than 600 m<sup>3</sup>/h.
- 5.6.7.8.9.10.12.15. It is necessary to harmonize the bid with the requirements from the tender documentation.
11. It is possible to offer boilers which can provide higher temperature regimes than those requested
13. The offer should be given exclusively according to the specification in the PP, without any interpretation of the functional schemes and the additional selection and approval of the equipment
14. The request in terms of the maximum allowable temperature difference between the starting and return water temperature in the boiler is given as a minimum requirement and can only be higher, and never smaller
16. The elements of the fuel oil duct are more closely defined on page 18. The linear heater must correspond to the offered burner with regard to characteristics and power
17. H indicates the required pump effort and the load values are given in meters "m". The tender documentation in this part will be changed.

**Since the last suggestion of potential bidders is adopted, amendments to the tender documentation will be made.**