

JAVNO PREDUZEĆE ELEKTROPRIVREDA SRBIJE, BEOGRAD

Carice Milice 2

Number: 1833/<sup>56</sup>14

Belgrade, 31.07.2014.

**Subject: additional clarifications no. 3** in accordance with Article 63 paragraph 3 of Public Procurement Law ("Official Gazette of the Republic of Serbia" number 124/12) in a negotiation procedure without publishing the invitation to tender by the several Employers for the public procurement of the services: Pumping out the silted water and silt in the Open Pit Mine MB Kolubara – Tamnava - West Field, CPP number 08/14/DUKN, for which notification on initiation of negotiation procedure without publishing the invitation to tender was published on Public Procurement Portal on 23.07.2014.

Five and more days prior to expiry date foreseen for submission of tenders in subject public procurement procedure, interested parties have submitted to the Employer via e-mail request for additional information, i.e. clarifications, regarding which the Employer, i.e. Public Procurement Committee, in accordance with provision of Article 54 paragraph 12 item 1) of the Law shall provide the following information i.e. clarifications within three days from the day of the receipt of the request:

**Question 1:** If the advance payment is fixed amount in EUR then the return of advance payment should be calculated in the same manner i.e. text in section 3.5 (Manner and terms of payment) should be harmonized with the previously stated. Please confirm/clarify.

**Question 2:** On page 7 of Tender Documents it is stated "each issued invoice shall be reduced by 50 % of the amount expressed in the invoice and not exceeding the amount of received advance payment". We think that reduction of the invoiced amount by 50% is not harmonized with the amount of advance payment and that it should be harmonized. Please confirm/clarify.

**Answer 1 & 2:** The Bidder may request advance payment. Maximum amount of requested advance payment may amount up to EUR 3,000,000. If the advance payment is requested in RSD maximum amount of requested advance payment may amount up to EUR 3,000,000 calculated into RSD at middle exchange rate of NBS for EUR on the day of Bid opening.

If the price of the Bid is expressed in RSD advance payment shall be made at middle exchange rate of NBS on payment date.

If the advance payment is requested the Bidder who is awarded the contract shall submit original advance payment guarantee to the Employer 2 as delay condition in accordance with Article 74 paragraph 2 of the Law on Contracts and Torts in the amount of the requested advance payment within 15 days from the date of contract conclusion. Bank Guarantee must be unconditional (without objection) and payable on first demand, with the validity period beginning from the date after issuance date and shall be valid 30 days longer than the day of realization of advance payment. Upon expiry of guarantee validity period the Employer shall return the guarantee.

If the Bidder submits a Bank Guarantee from a foreign bank, that bank must have at least the credit rating corresponding to the quality level of credit rating 3 (investments rank). Along with the bank guarantee of a foreign bank, the Bidder shall submit evidence on bank credit rating – issuer of the guarantee according to rating of credit rating agencies: Standard&Poor's, Fitch or Moody's. If the Bidder submits a Bank Guarantee from domestic bank that bank has to be among the first ten listed as the largest banks according to the criteria of total balance sheet

assets published on the web site of NBS. Banking sector in Serbia – Report for IV quarter of 2013.

The Bidder who is awarded the contract shall submit the invoices for performed service to the Employer 2 until 5th (fifth) day in month for the previous month and based on the verified daily reports and logs.

Realization of advance payment shall be performed for each issued invoice in the amount of 50% of the amount expressed in invoice and not exceeding the amount of made advance payment i.e. unrealized advanced payment for previously issued invoices. Employer shall along with the invoice submit log as well as monthly report certified by the supervisory body of the Employer and authorized person of the Bidder. Otherwise, it shall be deemed that the invoice was not submitted.

If the Bidder is domestic legal entity and the price of Bid is expressed in EUR, payment of RSD countervalue of executed service reduced by made advance payment, shall be made at the middle exchange rate of NBS on payment date.

**Question 3:** Will the Employer 2 in case it is needed provide to the Bidder access to additional (third) location the Bidder shall select together with providing the plateau and source of needed electricity (at the moment two plateaus are being prepared at locations determined by the Employer) ?

**Answer 3:** When the third plateau is formed we shall construct line connecting transmission line 6 kV and third plateau.

**Question 4:** Is the access to the area around the flooded mine free and without limitation for the Bidder in the event that it should perform works in that area necessary for successful completion of works? What is the width of the defined corridor?

**Answer 4:** The question is not clearly defined

**Question 5:** Will the Employer 2 provide access roads for heavy machinery and transport of the equipment to plateau i.e. bank of the flooded part of the mine?

**Answer 5:** There will be access roads.

**Question 6:** On the page 4 it is stated that the Employer 2 shall provide 6 sets of measuring devices that only the Bidder shall use. In what manner (is there any obligation for the Bidder with respect to execution of works) shall only the Bidder use it? Please clarify.

**Answer 6:** We will install measuring devices on each terminal leading towards the Bidder (it is possible to install these devices in TS and in the cabinet of the Bidder if it is possible).

**Question 7:** If there are six measuring groups available, does it mean that each transmission line starts from separate 6 kV cell equipped with circuit breaker 630A and protection and at which shall the measuring of electricity at each transmission line be performed separately?

**Answer 7:** Each transmission line starts from separate cell 6 kV equipped with appropriate equipment (circuit breaker 630A, short circuit, over current earth protection).

**Question 8:** Do all transmission lines come from the same substation and what are the characteristics of the same (short circuit power and busbar, output voltage, and what are the

characteristics of switching and protective equipment installed in output cells, are all terminals from the same busbar, and is 6 kV network isolated...)?

**Answer 8:** 6 kV transmission lines do not start from the same TS but according to available capacities: From TS "Erection yard"-2 terminals, from TS "Separation"-3 terminals, from TS "East field"-1 terminal.

Short circuit powers are 150 MVA for TS "Erection yard" and TS "East field" and 180 MVA for TS "Separation". 6 kV voltage, relay protection TZI, RIT 22, RE 50. Terminals are not from the same busbars and 6 kV network is isolated.

**Question 9:** Will the equipment for cable connection (disconnecter, fuser and arrester) be mounted on the end towers of transmission line or not?

**Answer 9:** No, all necessary equipment shall be mounted by the Bidder according to its devices.

**Question 10:** What is the short circuit current at the end of each of 6 transmission lines (connection point of electricity installation of the Bidder)?

**Answer 10:** Short circuit current is 7-8 kA depending on the switching state in TS 35 kV.

**Question 11:** What is the length of each out of 6 transmission lines?

**Answer 11:** Three transmission lines are 2.3 km long and three are 3.3 km long.

**Question 12:** What is the type and conductor cross section on the transmission lines?

**Answer 12:** Conductor is Aluminium-Steel 95mm<sup>2</sup>.

**Question 13:** Is it allowed to connect all transmission lines to the same bus bars in 6 kV facility delivered by the Bidder i.e. can the supply be parallelized in any given combination out of the six transmission lines?

**Answer 13:** Transmission lines can be parallelized where possible.

**Question 14:** What is the guaranteed power that each of six transmission lines can transmit?

**Answer 14:** Power that is being transmitted is 4 MVA per transmission line.

**Question 15:** There is a table on the page 11 of Tender Documents according to which the calculation of supplied electricity shall be performed. Please define the condition under which the given price list shall be applied (what is the period in which the lower tariff is calculated, what is the limit for reactive energy and what is the approved power)?

**Answer 15:** We cannot separate all requested amounts therefore the fee shall be charged in the same manner as we pay to the electricity supplier i.e. price per active kWh including all stated items.

**Question 16:** On page 11 of Tender Documents it is stated that the Bidder shall apart from the price of overtaken electricity also pay "costs for transmission service" as well "privileged electricity producers fee". Please define the method of calculation of all those costs.

**Answer 16:** We cannot separate all requested amounts therefore the fee shall be charged in the same manner as we pay to the electricity supplier i.e. price per active kWh including all stated items.

**Question 17:** Are there geotechnical studies on investigations done so far on periphery and in the area of flooded mines (investigation boreholes and pits, standard and static penetration, laboratory testing...) and are these available to the Bidders?

**Answer 17:** The results of geotechnical investigations on open pit mine and its periphery so far can be divided into:

- a) Geotechnical Studies;
- b) Reports;
- c) Summary overviews of the results of investigations within the Study on lignite reserves;
  - A) We have the following geotechnical studies:
    1. Study on results of detailed engineering – geological investigation of the site for designing reservoirs at Duboki potok, Baroševac, 2003;
    2. GEOTECHNICAL STUDY ON THE CONDITIONS FOR THE CONSTRUCTION OF THE FACILITY FOR COAL PREPARATION AT KALENIC LOCATION – For the level of Supplementary Mining Project – MB Kolubara , branch Projekt , 2013

**B) Other documents in the form of Report are:**

1. Report on performed investigation works for the Project of geotechnical investigations of west final slope of OPM Tamnava West Field in the zone of reservoir dam Kladnica, Barosevac, 2005;
2. Report on results of geomechanical laboratory testing of coal samples and accompanying sediments from OPM Tamnava West Field – Mining Institute Belgrade, 2011 and Summary overviews of geotechnical investigations in Studies on lignite reserves.
3. Study on lignite reserves in deposit Tamnava West Field – Kolubara MB – state on 31.12.2009;

**All studies and reports are available to the Bidder.**

**Question 18:** Are topographic data performed (bathymetry survey, aerial survey or high resolution satellite survey...) and are these available to the Bidders?

**Answer 18:** For the area Tamnava West Field and Tamnava East Field there are topographic data which were prepared base on terrestrial survey in 1: 2500 scales. Digital terrain model has also been prepared for that area. We can provide you these data.

**Question 19:** Is there piezometric monitoring network in the zone of flooded mines and is it working?

**Answer 19:** In the wider area of OPM Tamnava West Field regular monitoring of the level of ground water is performed at monitoring piezometers and operating wells. Currently 105 facilities in the area of Tamnava West Field deposit and 81 facilities in the immediate vicinity of the zone i.e. in the area of deposit Radljevo is being monitored. Monitoring network is formed so that in plan and profile it provides for optimum density of monitoring of oscillations of ground waters of all aquifers that exist in the area.

**Question 20:** What is the state of piezometric network after mine flooding and is the monitoring of oscillation of groundwaters continued after the floods?

**Answer 20:** Piezometers in the area of operating benches of OPM Tamnava West Field are operating and were not endangered during floods in May. Regular monitoring of the level, analysis and interpretation of obtained data is performed within geological office of open pit mines. Frequency of monitoring depends on current needs and distance of monitoring facilities of flooded open pit mine. Measurements are performed in intervals from twice a month to twice a week. Part of the facilities ( wells which serve as a protection for a mine from groundwaters and spring wells Kalenic) are in automatic regime of operation and their operating characteristics are being monitored continuously through the servers i.e SCADA system.

**Question 21:** Can the Bidder get layout plan with the position of piezometers operating in the zone of flooded mines?

**Answer 21:** Development of layout maps with the position of monitoring facilities along with the analysis and interpretation of monitoring data of groundwaters is part of regular activities of Geological Office of open pit mines.

The results of the analysis as well as layout plan with the position of piezometer is available to the Bidder upon his request.

