

Opole, 21.07.2017

REQUEST FOR PROPOSAL NO. 9/POIR/SBB 9002/2017
for purchase of test adsorption modules and their headers
in connection with application for a subsidy under the Smart Growth Operational Programme
2014-2020, Measure 1.2

1. CONTRACTING AUTHORITY:

SBB ENERGY SPÓŁKA AKCYJNA
ul. Łowicka 1
45-324 Opole

2. DESCRIPTION OF CONTRACT SUBJECT:

1. A subject of the purchase order (contract) is a supply of thirty six (36) adsorption modules. Minimum technical parameters of modules:
 - 1) Adsorption of elemental and oxidized mercury from wet flue gas formed in result of flue gas desulphurization process in the FGD Plant absorber. Mercury adsorption efficiency from flue gas, at >3.5 meters/second flue gas velocity, containing maximum 20 µgHg/Nm³ for 12 (twelve) modules connected in series should be minimum 70%.
 - 2) Sulphur oxide (SO₂) capacity for catalytic reduction with water for maximum inlet concentration 200 mg/Nm³, to form sulphuric acid H₂SO₄ Cp_{max}=20% and reduction of sulphur oxide SO₂ to a level maximum 130 mg/Nm³, at >3.5 meters/second flue gas velocity
 - 3) Modules installed in steel frames of steel C22
 - 4) Maximum dimensions of 1 (one) module:
 - a. height: 0,75m
 - b. width: 0,75m
 - c. length:0,75m
 - 5) Flow resistance through 1 (one) module no higher than 0.1 kPa
 - 6) Maximum flue gas flowrate through the module: 7000 Nm³/h

2. The subject of the purchase order is a delivery of two (2) headers which form a tight enclosure for six (6) adsorption modules each described in item 2.1. Minimum technical parameters of headers:
 - 1) The enclosure made of acid proof steel type C276
 - 2) The enclosure equipped with:
 - a. outlet ports and inlet round ports DN300 for flue gas, made of FRP
 - b. measuring ports
 - c. tight inspection door that allows replacement of modules
 - d. waste water tank
 - 3) Maximum flue gas flowrate through the header: 7000 Nm³/h

3. Delivery: CPT Gdynia, Poland

CPV code: 42514320-1 Gas filters

3. REQUIREMENTS FOR BIDDER

The Bidder must provide proof of at least one installation working for not less than one calendar year with the use of adsorption cartridges supplied by the Bidder in terms of parameters 2.1.1).

4. CRITERIA OF PROPOSALS EVALUATION:

The Contracting Authority will apply the following criteria to evaluate proposals:

- a) Total net price for completion of the contract in PLN or in any other currency coming within NBP's table – 50 points, (Purchaser will convert the price of each tender, expressed in a currency other than Poland using the average exchange rate of NBP on the announcement day)
- b) Time limit for completion of the contract (in days) – 30 points,
- c) Warranty period (counted in months)– 20 points

- **Score under the price criterion will be awarded acc. to the following formula:**

$P_a = C_{min} / C_a \times 50$ points, where:

P_a - number of points for proposal no. "a" under "price" criterion,

C_{min} - the lowest total price of all prices proposed by all bidders,

C_a - total price of "a" proposal

- **Score under the time limit for contract completion criterion will be awarded acc. to the following formula:**

$P_a = T_{min} / T_a \times 30$ points, where:

P_a - number of points for "a" proposal under "time limit for contract completion" criterion

T_{min} - the shortest execution period among all essential proposals being evaluated

T_a - time limit for completion indicated in "a" proposal

- **Score under the warranty period criterion will be awarded acc. to the following formula:**

$P_a = G_a / G_{max} \times 20$ points, where:

P_a - number of points for "a" proposal under "warranty period" criterion

G_a - warranty period indicated in "a" proposal

G_{max} - the longest warranty period among all essential proposals being evaluated

The proposal will be summed up by adding the score obtained under each criterion (price + time limit for completion + warranty period)

The proposal shall refer to all selection criteria. If any of criteria is omitted the proposal will be deemed as null and void.

5. DESCRIPTION OF PROPOSAL PREPARATION METHOD

The proposal shall be prepared on the attached proposal form which is appendix no. 1 to the request for proposal.

Appendix no. 2 shall be also submitted, which is a statement on lack of personal and capital relations.

6. PLACE AND DEADLINE TO SUBMIT PROPOSALS:

Proposals shall be submitted by e-mail until 23.08.2017, to the following address: m.mos@sbbenergy.com in a form of scans of signed documents.

7. PERSONS AUTHORIZED TO CONTACT WITH BIDDERS:

Any information on this request for proposal is provided from Monday to Friday between 8:00 am - 4:00 pm by Mr Sergiusz Mandrela, tel. no. 48 782704500, e-mail: s.mandrela@sbbenergy.com

ADDITIONAL INFORMATION:

- 1) Suppliers who are related with the Contracting Authority in personal or capital terms will be excluded from the procedure. The Supplier shall submit a signed declaration on a lack of relations which is Appendix no. 2 hereto.
- 2) The Contracting Authority may stop the Bidder selection procedure without stating the reason.
- 3) The Bidder shall not be entitled to lodge the appeal from the result of the tender procedure published on the Contracting Authority's website (no later than until 28.08.2017).
- 4) Planned date to sign the contract - no later than until 08.09.2017.