**Invitation to Tender**

**Place and method of submitting tenders**

1. Tenders will be received by Górażdże Cement S.A. until 07.08.2019, 15.00 hrs (local time).
2. Tenders should be submitted in electronic form via Open Nexus website: [www.platformazakupowa.pl/gc](http://www.platformazakupowa.pl/gc).
3. Any communication in the phase of collecting tenders will be carried out only via the Open Nexus procurement platform opennexus.pl

Technical information:

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**Contact person regarding this Invitation to Tender**

Zbigniew Szyszka: e-mail: [zbigniew.szyszka@gorazdze.pl](mailto:zbigniew.szyszka@gorazdze.pl)

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**Brief description of the subject of Purchase Order**

The subject of this purchase order is delivery of a complex gas filtration system based on active coal for Alternative Fuel Dryer at Górażdże Cement plant in Chorula plus concept.

**Estimated completion date of the project is end January 2020.**

**Announcement category**

Deliveries

**Subcategory**

Other deliveries

**Order Execution Site**

The Opolskie Province, Chorula, ul. Cementowa 1.

**Description of the Subject of Order**

**Complex delivery of the filtration system for flue gases generated during drying alternative fuel i the Alternative Fuel drying system.**

**Order Goal**

The subject of the Purchase Order is optimisation of gas emissions from the AF drying process at Górażdże Cement plant in Chorula.

**The Subject of Order**

The subject of the Order is delivery of filtration system including concept study and technical requirements for the design engineering needed for the Buidling Permit for the AF drying facility.

**Detailed scope of this request:**

1. Develop a concept study the for building permit based on the guidelines specified buy the Investor.
2. Deliver a flue gas filtration system for gases generated during alternative fuel drying process. The system to be delivered must be based on the concept developed as mentioned above and be approved by the Investor.
3. Install and supervise the filtration system delivered.

**Technical specification of the material to be dried (solid, waste-derived municipal, combustible fuel)**

* **RDF characteristics**: shredded, municipal waste-derived alternative fuel (RDF: plastics, rubber, wood, paper, cardboard, textiles, and other, non-hazardous waste)
* Consistency: bulky and loose (non-sticky)
* Moisture: ~35%, min 15% , max 45%
* Grain size: up to 25 mm, incl. 10% oversize between 25 and 30 mm
* Bulk density:
* Min : 0.05 t/m3
* Average 0.10 t/m3
* Max 0,25 t/m3
* Grain size: 40 mm

Technical specification of gases used in AF drying process:

1. AF dryer inlet: waste heat gas from clinker cooling process:

* Flow rate : 175 000 Nm3/h
* Average temperature: 100°C, max. 120°C
* Gas water content: 8gH2O/kg air
* Dust content up to 20 mg/Nm³ dry

2. AF dryer outlet: gases from the AF drying process:

* Flow rate: 200 000 Nm3/h
* Average temperature: 44.5°C, max. 70°C
* Dust content up to 20 mg/Nm³ dry
* Gas water content 50%, dew point 31.5°C

3. Requirement specification as for gas composition will be given to potential supplier on signing the confidentiality statement.

**Detailed scope**

1) **A concept for general engineering to Building Permit**

a) technical description of the system

b) General arrangement plan

c) Layout plan

d) Concept for water supply

e) Draining system for roads and yards

f) Concept for selection and localisation of safety-at-work equipment

g) Characterisitcs of the planned projects

h) Specification of characteristic values

i) Preliminary specification of the equipment

j) Power management analysis

k) Environmental protection measures.

While preparing the concept, the authors should take into consideration a variable nature of alternative fuel (RDF) which is dried in the AF dryer as well as the AF Dryer capacity so as to show the following:

Particulate matter and gas emissions

* Determine degree of reduction of specific substances [%] incl. calculation of emissions [mg/Nm3, dry ] for the filtration system proposed
* Indicate substances which will be crucial for odourous issues and how emission of such substances will affect the operation of the odour reduction system
* Address the question if the concept proposed will cover all odoriferous substances which could be generated in the RDF drying process. If not all substances are specified, please state which ones have been disregarded and why.

Noise emission

* The equipment proposed should have noise absorbing housing whereas the fans should be equipped with noise silencers.
* Noise emission for the proposed eqipment with applied noise absorbing enclosures or other noise reduction solutions should guarantee the lack of increased accustic pressure at the boundaries of the noise-protected areas (neighbouring villages) (please provide either accustic power of individual pieces of equipment or equipment dimenssions with noise level at 1 m distance).

All solutions proposed in the concept should comply with the requirements of the EC executive decision of 26 March 2013 establising conclusions of BAT Reference Document for the Production of Cement, Lime and Magnesium Oxide in compliance with Industrial Emissions Directive 2010/75/EU.

**I. SCOPE OF OFFER**

1. The scope of the offer should cover the requirements specified in this RFQ, such as:
   1. Equipment specifications (type, quantity, weight, power consumption)
   2. Characteristics of gas flow after the filtration system
   * temperature
   * pressure
   * content of individual components after the gas filtration system on the basis of theAF dryer flue gas specification (see the scope under item 1k above.)

The concept documentation with concept design for Building Permit shall be delivered in triplicate.

**II. BASIS FOR THE CONCEPT STUDY AND DELIVERIES**

1. The concept developed should comply with the binding construction law and other applicable regulations (constuction, environment, etc.).
2. The map will be supplied to the bid competition winner.
3. Supplier requirements.

**III. CONDITIONS FOR SUBMITTING THE OFFER**

The tender should be submitted by **7 August 2019**

1. The tender must have the following:

a) Total price of the delivery

b) Total price of the concept study for Building permit. Developing for the whole system Risk Assessment and compliance with requirementts of applicable EU directives and submitting EU conformity certificates for the whole installation.

c) Operation manual

d) Description of offerrred guaranties

e) Descritpion of insurances

f) References for installed filtration systems based on activated coal filters .

2. The Investor reserves the right to select or reject a tender without giving reasons or select only a part of the study developed.

The results of this tendering process will be communicated to all tenderers by the Service Purchasing Department of Gorazdze cement.

**Enclosures**

**Questions and explanations**

**List of documents / statements required from Contractor**

1. Cover Letter – signed by authorised representative of the Tenderer – must include at least confirmation of all documents of the selection procedure, prices quoted in PLN or/and EUR, delivery date and tender validity time.
2. Estimated timescale schedule for order execution assuming that the contract will be signed not later than 31.08.2019
3. Terms of payment
4. Total cost of the execution of the subject of the order
5. Guaranties / Warranties
6. Current excerpt from the Business Register.
7. References and reference letters confirming execution of similar projects (e.g. min 3 references for the last 5 year of operation.)
8. Documents confirming financial standing of your company (e.g. financial statements for the recent year, documents confirming that your company is not in arrears with payments of taxes, fees and contributions payable to tax office and health & social insurance (ZUS) and acknowledgment of submitting VAT-7 declarations).
9. Information on Tenderer’s quality assurance and environmental certificates.
10. Declaration on a lack of business and/or personal relations (Annex 1)
11. Confirmation on visiting the job-site. Prior to submitting a tender the Tenderer should get acquainted with all tender documents, the site of order execution and local conditions.

**Tender evaluation**

**Evaluation criteria and scoring method**

TENDER EVALUATION CRITERIA

1. Only Tenders which are legible and submitted by Tenderers not excluded from the proceedings will be considered.
2. Tenders submitted after the deadline will not be considered.
3. Gorazdze Cement S.A. reserves the right to discontinue this tendering procedure without giving any reason.
4. Gorazdze Cement reserves the right to conduct business and technical negotiations with several potential tenderers at the same time.
5. All information included in this invitation to tender or passed to Tenderer by Gorazdze Cement, either in writing or orally during the supplier selection process and/or during the possible execution of this task is confidential and cannot be disclosed to third parties without prior obtaining Gorazdze’s consent in writing.
6. For tender evaluation the following criteria will be applied:
7. Total purchase price
8. Technical and technological solution proposed
9. Order lead time
10. Guaranties offered
11. References – confirming experience in conducting similar projects

7. Selection of the best tender will be based upon the following criteria:

a) Total Net Price – weight 50% (maximum score for this criterion is 1-10);

b) Other criteria – weight 50% (maximum score for these criteria is 50 with 1-10 for each criterion):

* Proposed technical and technological solution (score: 1-10) – 20%
* Guaranties offered (score: 1-10) – 10%
* Order lead time (score: 1-10) - 10%
* References – confirming experience in conducting similar projects (score: 1-10) – 10%.

8. Scores obtained by a tender under „Net Price” and „Other Criteria” will be summed up and on this basis the total score will be given to each tender.

9. Taking into account the above tender evaluation criteria the Tender with the highest score will be selected.

10. Gorazdze Cement S.A. reserves the right to conduct additional negotiations with tenderers in case when the selection of the best tender cannot be made because two or more Tenders have the same score.

**Exclusions**

1. The entities (Tenderers) that are personally or capital-related to the Gorazdze Cement S.A. are excluded from the possibility to apply for the order. Capital or personal relations mean a mutual relation between Gorazdze Cement S.A. or persons authorized to make commitments on behalf of Gorazdze Cement or persons performing on behalf of Gorazdze any activities related to the preparation and implementation of the tenderer selection procedure and the Tenderer, particularly in form of:

a) participating in company as a partner in civil law partnership or general partnership,

b) having at least 10% company share,

c) performing function of a member of either Supervisory or Management Board or managing officer, proxy,

d) remaining married, in a consanguinity or affinity relationship in a straight line or collateral line to the second degree, or remain in the relationship of adoption, custody or guardianship.

**Buyer - Beneficiary**

**Name**

Górażdże Cement S.A.

**Address**

ul. Cementowa 1

Chorula

47-316 Górażdże