

Justification of Purposefulness of Public Contract

Public Contract name: **High Capacity Roughing Pump System**

Type of Public Contract and Procedure: below-the-threshold public contract for supplies in open procedure.

Number in the Official Information System of Public Contracts: 401374

Contracting Authority: Fyzikální ústav AV ČR, v. v. i.
Seat: Na Slovance 2, 182 21 Praha 8
Identification No.: 68378271
Tax Identification No.: CZ68378271
Person authorized to represent the Contracting Authority: prof. Jan Řídký, DrSc., Director

Statement of Reasons for Purposefulness of Public Contract Pursuant to Sec. 2 of the Decree n. 232/2012 Coll.	
The data pursuant to Sec. 1, where a modification occurred in contrast to the facts pursuant to Sec. 1 of the regulation (modifications in contrast to Justification of Purposefulness of Public Contract for Purposes of Contracting Authority Prior Information Notice):	
a) description of the needs to be accomplished through the performance of a public contract	No changes
b) description of the subject matter of a public contract	No changes
c) a mutual relationship between the subject matter of a public contract and the needs of the contracting entity	No changes
d) foreseen deadline of the performance of a public contract	Amended. The foreseen deadline of the performance of a public contract shall be 12 months following the contract award.

<p>The description of the risks attaching to the performance of a public contract which were taken into account by the contracting entity in setting forth tender conditions. It particularly involves the risks of failure to execute a public contract, delay with the performance of a public contract, reduced quality of the performance, expending additional financial costs</p>	<p>Not realizing the Public Contract might jeopardize a fulfilment of aims and conditions emerging from a realization of the projects, whose proper realization the Contracting Authority has pledged to.</p>
<p>The contracting authority may delimit the variants of the accomplishment of the need and justification of the selected variant of the public contract (<i>optional</i>)</p>	<p>The Contracting Authority is not aware of any other way of accomplishing its needs.</p>
<p>The contracting authority may delimit to what extent the public contract will influence the performance of envisaged target. (<i>optional</i>)</p>	<p>A successful realization of the public contract achieves a fulfilment of the Contracting Authority needs and a reaching of the envisaged target.</p>
<p>Supplementary information justifying the purposefulness of a public contract (<i>optional</i>)</p>	

<p> Statement of Reasons for Proportionality of the Requirements on Technical Qualifications Prerequisites for the Performance of a Public Supply Contract Pursuant to Sec. 3 (1) of the Decree n. 232/2012 Coll. (justification of proportionality of the requirements on technical qualifications prerequisites in relation to the subject matter of the public contract and to the risks attaching to the performance of the public contract) </p>	
<p>Justification of proportionality of the requirements for the list of principal deliveries. (<i>The contracting entity shall fill it in compulsorily, where the required financial value of all principal deliveries amounts in the aggregate to at least three times the estimated value of the public contract.</i>)</p>	<p>Not required within the tender conditions</p>
<p>Justification of proportionality of the requirement for submission of the list</p>	<p>Not required within the tender conditions</p>

of technicians or technical bodies. (<i>The contracting authority shall fill it in compulsorily, where it requires the submission of the list of more than three technicians or technical bodies</i>).	
Justification of proportionality of the requirement for production of the description of technical facilities and measures used by the economic operator for ensuring quality control, and description of facilities or equipment of the economic operator designed for research.	Not required within the tender conditions
Justification of proportionality of the requirement on the check carried out on the production capacities by the contracting authority or on its behalf by another person and, if necessary, a check on measures relating to assurance of quality and research.	Not required within the tender conditions
Justification of proportionality of the requirement for submission of samples, descriptions or photographs of the products to be supplied.	Not required within the tender conditions
Justification of proportionality of the requirement for production of evidence attesting conformity of a required product issued by the relevant authority.	Not required within the tender conditions

Statement of Reasons for Delimitation of Commercial Terms and Conditions for Public Supply Contracts and Public Service Contracts Pursuant to Sec. 4 of the Decree n. 232/2012 Coll.

Justification of delimitation of the commercial term setting forth maturity of invoices longer than 30 days	Not required within the tentative tender conditions
Justification of delimitation of the commercial term setting forth the requirement for third party liability	Not required within the tentative tender conditions

insurance for the damage brought about by the economic operator to third persons amounting to twice the estimated value of the public contract.	
Justification of delimitation of the commercial term setting forth the requirement for a bank guarantee higher than 5 % of the public contract value.	Not required within the tentative tender conditions
Justification of delimitation of the commercial term setting forth the requirement for a guarantee period longer than 24 months	Not required within the tentative tender conditions
Justification of delimitation of the commercial term setting forth a contractual penalty in the event of default of the economic operator higher than 0.2 % of the estimated value of the public contract for each day of delay.	Not required within the tentative tender conditions
Justification of delimitation of the commercial term setting forth a contractual penalty in the event of default of the contracting entity higher than 0.05 % of the due	Not required within the tentative tender conditions
Justification of delimitation of other commercial terms and conditions pursuant to Sec. 5(2). The contracting authority shall justify delimitation of commercial terms and conditions of a public supply contract and public service contract in proportion to its needs and to the risks attaching to the performance of the public contract.	Not required within the tentative tender conditions

Justification for Technical Conditions specification of Public Contract Pursuant to Sec. 5 of the Decree

Technical Condition Statement	Technical Condition Statement Reasons
The maximum size of the pump system including the frame shall be 1.8 m x 2 m x 2.3 m (high). Each individual	The special size restrictions are so that the system can be transported to and fit inside the plant room for experimental hall 3.

component in the pump system including the frame shall be able to transport through a corridor less than 1.5 m in width and 2 m in height.	
All the individual pumps of the high capacity roughing pump system shall be dry, i.e., there shall be no possibility of oil or lubricant getting to the vacuum chamber.	Any lubricant entering the vacuum chamber may cause significant damage to expensive optical equipment.
The pumping speed of the high capacity roughing pump system shall be greater than 5000 m ³ /hr at a pressure of 1 mbar, greater than 3000 m ³ /hr at a pressure of 10 mbar, greater than 1000 m ³ /hr at a pressure of 100 mbar and greater than 850 m ³ /hr at 1 bar.	Such limits on pumping speeds will guarantee a pump down time of the vacuum chamber of the order of 10 minutes which is desired for short turn around times between shots.

Justification for Basic and Partial Evaluation Criteria setting pursuant to Sec. 6 of the Decree

Evaluation Criterion	Statement of Reasons				
The basic criterion for the selection of the potential contractor shall be, pursuant to Sec. 78 (2) of the Act, the economic value of the bid.	<p>The Contracting Authority has stated this basic criterion with respect to the subject matter of the public contract and with respect to providing the required quality performance of this public contract due to requirements given by the Contracting Authority.</p> <p>Partial evaluation criteria are:</p> <table border="1"> <tr> <td>a) Bid Price</td><td>weight of partial criterion: 75 %</td></tr> <tr> <td>b) Pump Down Time</td><td>weight of partial criterion: 25 %</td></tr> </table> <p>The price of the pumps is important to fit within the budget allocated for the pumping system of the chamber. A fast pump down time is important to reduce the time between successive experiments within the chamber.</p>	a) Bid Price	weight of partial criterion: 75 %	b) Pump Down Time	weight of partial criterion: 25 %
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