

Appendix C01, Template for Tenderer's questions (Information Notice), belongs to European Public Tender for Software Engineering Services in C#, Ref. WS2130801413, dated 30 September 2024

Date :	04/11/2024
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Questions about the European Public procurement tender procedure and/or the European Public procurement tender documents can be asked until no later than the closing date of the 'Closing date for submission of questions by Tenderers' as mentioned in the tendering schedule shown in Section 2.1.

No.	Company Name of Tenderer	Section nr. / subject	Questions Tenderer	Answers TNO
1	(Company)	8.4 Software Engineering Experience	MS .NET is continuously being developed by Microsoft. Can you provide information on which versions of MS .NET (Framework, Core etc.) are currently being used and which roadmap there is in case older versions are still being used?	The software is currently being migrated from MS.NET 6 to MS.NET 9. Hence, at the start of the contract, the whole code base is expected to use version 9 of the framework.
2	(Company)	8.4 Software Engineering Experience	This question relates to 8.4.5 but the selection list does not have that option. It is stated that the Tenderer must have the ability to use Microsoft Azure. What should the exact scope (resources/capacity etc.) of this ability be and how do you expect that the Azure consumption costs are included in this tender?	The use of Azure will depend on specific clients & partners' needs in TNO projects. Based on past experience, Azure activities are only expected to take a marginal share of the contracted work (<2% of the expected contract value). However, Azure use may be required in future TNO projects, hence this ability is considered a requirement for the Tenderer. Section 6.1.1 sub-item 3 explains how TNO expects costs to be included in the Tender.
3	(Company)	8.4 Software Engineering Experience	This question relates to 8.4.7 but the selection list does not have that option. What is the exact size or percentage of the work being done on desktop applications compared to the web development?	Based on past experience, the vast majority of the contracted work is expected to concern desktop applications (>95% of the expected contract value).
4	(Company)	9 Appendices	This question relates to Appendix A02 but the selection list does not have that option. What do you mean with the scale of the reference project? Do you expect size in manhours, Euro's, lines of code, function points or any other dimension?	Scale of the Project should be read as Size in Engineering hours
5	(Company)	9 Appendices	This question relates to Appendix A03 but the selection list does not have that option. The instruction states that all white cells are secured and cannot be edited. However they appear to be editable and with that is uncertain for us whether or not we should specify the expected hours for the additional project roles since they appear to add up in the final figure for the Total price (TP). Could you provide us with an updates sheet which follows the guide lines please?	The Price sheet contains an error and should not have included the Price for the Options into the Total Price (TP). This has been adjusted and a new Appendix A03 has been uploaded to TenderNed. Furthermore, according to the Article 6.1.1 sub 4 of the Tenderinstructions, the prices in the options section are for information only and will not be part of the Total Price (TP).
6	(Company)	9 Appendices	This question relates to Appendix A03 but the selection list does not have that option. If the optional section in the price sheet is not included in the sub-award criterion price (Tender Instructions section 6.1.1. item 4), to which extent is the information provided herein by Tenderer, binding for the contract? In other words, if Tenderer has a standard project team consistency for such assignments, including corresponding rates, how will this be handled during the contract - and should this be reflected in Tender scoring?	See answer question nr. 5
7	(Company)	5.2.2.1 Reference projects	The Tender Instructions indicate that the Tenderer may show required experience in the core competencies by submitting information about completed contracts, amounting to a cumulative total contract value. If Tenderer requires more than 2 contracts to show required experience for either or both competencies, should the Tenderer submit additional Reference forms (duplicating Reference B form to C, D, ... etc) or is there another preferred way to submit this information?	Article 5.2.2.1 refers to two Projects (Reference A, Supplier Reference Project Name and Reference B, Supplier Reference Project Name). Both Projects cite either Core Competence 1 or Core Competence 2, but can also refer to both Core Competences. The cumulative value of € 150.000,- refers to the value of the project (Reference A or B), not the cumulative value of individual contract(s) on multiple projects.
8	(Company)	1.3.2 Current situation, vision of future requirements	From the tenderdocumentation we understand that the current system is based on C# .NET and is (will be?) hosted in Azure. Could the Contract Authority elaborate further on the technology stack and tools currently in use? Specifically major libraries, DBMS, source control, (automated) testing framework and CI/CD setup (if any)?	The tool described in section 1.3.2 is a desktop application based on C# .NET. It is not hosted in Azure. Here is a list of the main tools and third-party dependencies: 1) Software libraries used directly by the code: .NET, TypeScript, Material UI (MUI), React, Redux, RxJs, DevExpress and DevExtreme (library used for the Time line rendering), DocFX (documentation building), SignalR (communication), and other smaller libraries used for different purposes or just present as a dependency of the above ones. 2) Tools used for building, testing and release: Visual Studio, Visual Studio Code, GitHub/GitHub Actions, PowerShell, Yarn, InnoSetup. 3) Tools for code editing, formatting and linting: Prettier, ESLint, Editorconfig, .NET analyzers. 4) Elements of runtime environment: .NET, Node.js, Electron.
9	(Company)	1.3.4 Purpose of the service	Could the Contracting Authority give an indication of the current state of the code quality (test coverage, latency)? (TWUFEU) => verdiepende vraag, vervolgvraag. Bart vraag over KPI's formuleren. CO2 Concept overeenkomst: Kunt u bevestigen dat art 5.1.3 wordt verwijderd? Zo niet, wanneer worden de KPI's geformuleerd? ook art 6.5 is dan niet	The question unclear to TNO, therefore we will answer it party: The current state of the code quality will be shared after the contract has been signed.
10	(Company)	8.3 Project Management and Communication	Does the Contracting Authority expect the work to be executed at one or more TNO offices, from the premises of the tenderer or both?	Work will be executed from the premises of the tenderer. All contact is expected to occur remotely. Physical meetings may be arranged on mutual agreement.
11		9 Appendices	Appendix A03 Pricing sheet: Are we allowed to add additional lines between lines 12 and 15? (i.e. additional optional items)	TNO considers 4 lines to be sufficient, also see answer to question nr. 5
12		1.3.3 Objective, scope and content of the proposed Contract	What is the maximum number of hours the contractor should be able to deliver?	4000 hours/year, as stated in section 8.2, Preference 8.2.4
13		1.3.3 Objective, scope and content of the proposed Contract	Could you please elaborate on the experience of Agile working? In what way is TNO currently working Agile?	TNO's expectations on Agile working are described in Appendix CO2, item 1.6.
14		9 Appendices	Appendix A03 Pricing sheet: The instructions tell us to only fill in the blue cells. Could you please confirm we are also supposed to fill in cells B12:B15 (description of optional items)? And are we supposed to fill in cells E12:E15 (quantity of optional items)? If so, how can we estimate the number of hours?	Yes, please fill description, also see answer to question nr. 5
15		9 Appendices	Appendix A03 Pricing sheet The pricing sheet give us room to adjust the price for inflation, for the Software Engineer rate. However, for the optional items, there is no room for price adjustments during te upcoming years. We suggest to fill in the pricing for the optional items at a rate until April 30th 2027. And after that the prices will go up with the same percentage as for the Software Engineer rate. Do you agree on this?	TNO has no requirement, only suggestions on contents of the options section, also see answer to question nr. 5