

FORM 8

TECHNICAL PROPOSAL FORM

Tenderer's name: [enter the full name]

No. crt.	Requirements „ DESIGN SERVICES (TP+ED+TDBP+TDEO), TECHNICAL ASSISTANCE AND WORK EXECUTION FOR THE PROJECT "IN-DEPTH ENERGY REFURBISHMENT OF THE TECHNICAL ENERGY COLLEGE"”	Technical offer/Method of fulfilling the requirement [The Tenderer will provide a description of the method to fulfill the corresponding conditions in the Specifications/Data Sheet] COMM: tenderers will show the page(s) within the technical proposal where the documents and information that prove those mentioned in this form are found.
1. GENERAL DATA		
1.1	<u>SCOPE OF THE PROCUREMENT</u> „ DESIGN SERVICES (TP+ED+TDBP+TDEO), TECHNICAL ASSISTANCE AND WORK EXECUTION FOR THE PROJECT "IN-DEPTH ENERGY REFURBISHMENT OF THE TECHNICAL ENERGY COLLEGE"”	
1.2	<u>CONTRACT DURATION</u> The total duration of the public procurement contract, according to the Specifications, chapters 2.3 and 3.5, is 27 months, as follows: <ul style="list-style-type: none"> • Concept Development - 15 days from the date of signing the contract; • Development of the TDBP including TDEO., obtaining approvals and agreements, studies - 2 months from the date of signing the contract; • Development of the Fire Safety Scenario - 2 months from the date of signing the contract; • Development of the Technical Project (TP) including estimates, execution details (ED), and other documentation included - 4 months from the date of signing the contract; • Technical verification of the project by certified verifiers - 2 months from the date of issuing the quantitative handover-reception protocol of the TP. Note: the technical verification of the project does not make the scope of this procedure. • Adjustment, completion and/or modification of the documentation following the recommendations of verifiers/certified experts; comments of the Contracting Authority; requests of MDLPA / Swiss partners - 1 month from completing the inspection carried out by certified verifiers; • Provision of technical assistance services by the tenderer, including updating the technical execution project on the date completing the "as built" works - Throughout the duration of the works execution, from the date of issuing the order to start the works; • Execution period of the works - 18 months from the date of issuing the order to start the works; • Reception of the works - 2 months from completing the execution works; • Development of the Final Scenario for Fire Safety - 1 month from notifying the works completion • Preparation of documentation related to obtaining the connection certificate as a prosumer - 1 month from 	

	the notice on works completion	
2. TECHNICAL PROPOSAL The technical proposals will be prepared in accordance with the requirements of the Specifications and DALI The Tenderer will present in detail, but without limitation, the following technical aspects that will be necessary for the tenders evaluation:		
2.1. Methodology of design and execution proposed		
2.1.A. A brief description of how the tenderer understands the scope of the contract and how it proposes to approach the design and execution of the works.		
2.1.B. Work methodology proposed for the design and execution of works: B.1. Design methodology (in accordance with the requirements of the Specifications, chapters 3.4., 3.5 and 3.6)): <ul style="list-style-type: none"> • Mastering the technical and economic documentation in D.A.L.I phase • Concept Development • Development of technical documentation for authorizing the execution of the TDBP, TDOE, including obtaining the necessary permits, studies, authorizations and agreements to issue the building permit • Preparation of the fire safety scenario, including obtaining the FPE permit • Development of specialized projects for relocation or protection of the current utilities (gas, electricity, water, sewer, telecommunications), if required; • Development of specialized projects for new/refurbishment of utility connections/branches (gas, electricity, water, sewer, telecommunications), if required; • Development of technical documentation for the TP phase, including preliminary measurements, lists of quantities and ED, calculation briefs, including lists of quantities and equipment technical sheets, as well as updating the general estimate; • Providing Technical Assistance during the execution period, participating to the reception and to the development of the technical book of the construction. • Developing the final scenario for fire safety and obtaining the FPE operating permit • Developing a connection certificate as a prosumer; 		
B.2. Execution methodology for the main categories of works: <ul style="list-style-type: none"> - Site management - The main categories of construction works according to D.A.L.I. documentation: thermal refurbishment works, roof restoration, re-compartmentation, finishing, thermal installations, installation of alternative systems for the production of thermal and electrical energy, electrical installations, ventilation installations, sanitary installations 		
2.1.C. The Tenderer shall provide information on the Quality Plan related to the investment site. In this chapter, the Tenderer must submit information on how it ensures the quality level		

corresponding to the fundamental requirements of construction by presenting the quality management system designed for the performance of the works under this contract and in accordance with the Minimum requirements in the specifications, chapter. 6.7.1	
2.2 Information on the work plan, GANTT Chart and organization and staffing The technical tender will also include the following information::	
2.2.1. Work plan for the design services: At least the following information must be presented here: <ul style="list-style-type: none"> • name and duration of the design activities under the contract; • sequence and interrelation of these activities. The proposed work plan must prove: <ul style="list-style-type: none"> • understanding of the provisions of the Terms of Reference; • ability to translate the provisions into a feasible work plan; • scheduling of activities in such a way as to ensure completion of the services within the deadline specified in the terms of reference. The work plan will be presented in the form of a graph, with the activities and sub-activities explained, in the optimal order of carrying out the design activities under the contract. The work plan for the design activities under the contract is updated immediately after the latter is signed and becomes the input for all meetings to monitor the progress of the activities during rendering the services.	
2.2.2. General chart for the works completion (physical) The execution chart will be developed in GANTT form, which will present: <ul style="list-style-type: none"> - Name of the works, in optimal technological order at the level of the construction site. Construction site means each building block that is refurbished according to DALI. - Duration and sequence of works The Gantt Chart will highlight the 2 tests of the Radon concentration. The 2 tests must fall within the total duration of the works execution, respectively in the 18 months, including obtaining the test results. The general schedule for the works execution must be consistent with the methodology for the works execution and the duration of the completion of the activities in the Contract.	
2.2.3. Organization and staff:	

The tenderer will nominate the Minimum human resources required to perform the design and execution contract according to the requirements of the specifications, chapter 3.7.

For key staff(according to chapter 3.7. of the specifications), documents proving their studies and qualifications (diplomas, certificates, authorizations/attestations, etc.) will be presented in the technical tender.

At least the following information must be presented here:

- the structure of the proposed team and their responsibilities in the development of the contract;
- the way of approaching and managing the relationship with subcontractors, related to subcontracted activities (if applicable).

In order to carry out the activities under the contract, the contracting authority anticipates that certain areas of expertise or the following categories of professions are required:

Profession category/field of specialization	Number	Activity	<i>One will mention: The business operator to which the proposed person belongs / method of access to the expert</i>
Project Manager/Project Coordinator/Project Leader	Minimum 1	Coordinates and supervises the fulfillment of the entire contract, namely: design activities, technical assistance and execution; Will communicate directly with the person nominated by the Contracting Authority (Site Manager/Supervisor) and with the Project Implementation Team (PIT) within the contract as responsible for monitoring and implementing the contract.	
Site Manager – Civil Engineer	Minimum 1	Responsible for organizing and supervising all activities carried out by the Contractor on the site	
Civil engineer	Minimum 1	Carries out design activities in the field of specialization, Coordinates and supervises the works in the field of specialization	
Electrical installations engineer	Minimum 1	Carries out design activities in the field of specialization	

		Coordinates and supervises the works in the field of specialization		
Thermal installations engineer	Minimum 1	Carries out design activities in the field of specialization, Coordinates and supervises the works in the field of specialization		
Sanitary installations engineer	Minimum 1	Carries out design activities in the field of specialization, Coordinates and supervises the works in the field of specialization		
Security systems engineer	Minimum 1	Carries out design activities in the field of specialization, Coordinates and supervises the works in the field of specialization		
Natural gas installations engineer	Minimum 1	Carries out design activities in the field of specialization, Coordinates and supervises the works in the field of specialization		
Specialists in signaling, alarming and alerting systems as well as fire limitation and extinguishing systems	Minimum 1	Carries out design activities in the field of specialization, Coordinates and supervises the works in the field of specialization		
Technically responsible for the execution	Minimum 1	Coordination and supervision of works in the specialized field		
Quality control responsible	Minimum 1	Coordination and supervision of works in the specialized field		
OHS responsible	Minimum 1	Coordination and supervision of works in the specialized field - controls and monitors the quality of works in terms of compliance with occupational safety and health protection and FPE rules		
DNSH responsible	Minimum 1	Carries out verification and reporting activities regarding		

		the compliance with the provisions regarding the DNSH principle		
2.3. Warranty granted for the works				
<p>According to the specifications (chap. 13.3), the warranty period granted for the works will be minimum 60 months from the date of approving the acceptance report upon the works completion.</p> <p>Tenders that do not comply with the Minimum requirement of the specifications will be stated as non-compliant.</p> <p>For the works that are make the scope of the contract, business operators may provide an extended warranty, in addition to the Minimum warranty requested by the specifications (60 months), this representing an evaluation factor. The maximum warranty that can be provided will not be more than 84 months, and for warranty periods provided, more than 84 months, no additional points are awarded.</p> <p>The tenderer will show, in the technical proposal, the warranty period granted for the works rendered and will submit a Statement regarding the warranty period granted for the works.</p> <p>The warranty granted for the works will be substantiated from technical, logistical and resource point of view, such as to ensure the meeting of the requirements in the specifications - see the requirements in point 3 below.</p>				
2.4. Other information to present within the technical proposal				
<p>2.4.1. Also, within the technical tender, business operators will show how they undertake to fulfill the technical specifications during the contract implementation period, taking into account the provisions and obligations stipulated in the relevant normative acts: ANRE Order 134/2021, ANRE Order no. 132/2021, MAI Order no. 87/2010, as well as/or other regulations related to the activities included in the scope of the contract – Technical Provisions PTA1-2010, PTR1-2010 and Law 10/1995 – quality in construction, updated.</p> <p>Thus, the tenderer will present information on how to ensure the performance of all operations in accordance with the applicable legal regulations, regarding:</p> <p>a) Certification issued by the National Energy Regulatory Authority (ANRE) of type B or equivalent, which certifies the tenderer's capability for the design and execution of electrical installations, (according to art. 9, paragraph 1, letter e) of the Regulation for the certification of business operators that design, execute and verify electrical installations, approved by ANRE Order 134/2021).</p> <p>b) ANRE authorization type PDIB and EDIB, or equivalent, for the design and execution of natural gas installations, respectively, according to art. 4 of the Annex to ANRE Order no. 132/2021 updated, which certifies the tenderer's capability for the design and execution of gas installations.</p> <p>c) Authorization issued by the National Center for Fire Safety and Civil Protection, or equivalent, for the design and execution of fire signaling, alarm and alerting systems and installations (according to art. 1 paragraph 2) of Annex 1 to the Order of the Minister of Home Affairs no. 87/2010)</p>				

<p>d) Authorization issued by the National Center for Fire Security and Civil Protection, or equivalent, for the execution of fire limitation and extinguishing systems and installations (according to art. 1 paragraph 2 of Annex 1 to the Order of the Minister of Home Affairs no. 87 of 06.04.2010).</p> <p>e) ISCIR authorization according to PTA1-2010, or equivalent, for heating boilers.</p> <p>On reception upon works completion, the documentation and ISCIR authorization for the commissioning of the heating plant will be presented.</p> <p>f) ISCIR authorization according to PTR1-2010 or equivalent for lifting platforms for disabled people.</p> <p>g) Valid license issued by the General Inspectorate of the Romanian Police, or equivalent, for the installation of burglar alarm systems, according to art. 31 of Law 333/2003, which certifies the tenderer's capability for the reinstallation of the video surveillance system.</p>	
<p>2.4.2. Tenderers will show in their tender that when preparing it they have taken into account the relevant obligations in the fields of environment, social and labor relations according to art.51 paragraph 2 of Law no.98/2016 on public procurement, if the tenderer does not ensure compliance with the mandatory regulations regarding specific work conditions and labor protection, the tender will be rejected as unacceptable based on art.137 paragraph 2 letter d of GR 395/2016. The following forms shall be completed: Form 5 – Statement on compliance with national environmental regulations and Form 6 – Statement on compliance with regulations in the social and labor relations field.</p>	
<p>2.4.3. Proposed subcontractors must comply with the same obligations as the tenderers in the field of environment, social and labour relations, established by legislation implemented at European Union level, national legislation, collective agreements or international treaties and agreements. Subcontractors will complete: Form 5 – Statement on compliance with national environmental regulations and Form 6 – Statement on compliance with social and labour relations regulations. Government websites where information can be obtained on:</p> <p>Fiscal legislation: www.mfinante.ro</p> <p>Environmental protection legislation: www.gnm.ro</p> <p>Labour protection and work conditions: www.inspectmun.ro</p>	
<p>2.4.4. Tenderers/third supporting parties/subcontractors will submit, together with the technical proposal, Form no. 9 Statement on compliance with implementing the DNSH principle (DNSH = "Do no significant harm" - "Do not cause harm to the environment").</p>	
<p><u>3. Requirements regarding qualitative evaluation factors (according to the Procurement Data Sheet, chapter II.2.5 Awarding criteria):</u></p>	

Evaluation factor name/Score	Specific experience for the key expert, which makes the scope of the evaluation factors	Documents proving similar experience of the expert according to the requirements requested by the Procurement Data Sheet, chapter II.2.5 Awarding criteria	One will fill in the requested information and at the same time the tenderer will show the documents submitted as well as the page/pages within the technical proposal, where the requested documents can be found. NOTE: tenderers are requested to fill in this column with all the requested information
Technical evaluation factor-T1 Specific experience in the position of PROJECT MANAGER/ PROJECT COORDINATOR/ PROJECT LEADER	<p><i>(In this section, the contracts where the expert was a member as PROJECT MANAGER/PROJECT COORDINATOR/PROJECT LEADER, that meet the Minimum requirement in the specifications, chapter 3.7, as well as the contracts to be scored, will be nominated/specified, on a mandatory basis.</i></p> <p><i>The respective contracts must also be found in the CV of the nominated expert.</i></p> <p>Contracts to be scored:</p> <p>1.</p> <p>2.</p> <p>... ..</p>	<p>Documents proving similar experience of the expert according to the requirements requested by the Procurement Data Sheet, chapter II.2.5 Awarding criteria</p> <p>1. The expert's CV, signed by the holder, completed with all the requirements requested by the Procurement Data Sheet, chap. II.2.5 Awarding criteria, respectively:</p> <p>The expert's CV will specify:</p> <ul style="list-style-type: none"> - The contracts (no., date, scope of the contract, including the significance category of the site, the signatory parties) to which the expert participated, as Project Manager/Project Coordinator/Project Leader - both the contract/contracts that meet the Minimum requirement in the specifications, chap. 3.7 and the contracts to be scored will be specified in the CV - The specific position within the contract <p>2. The documents confirming those stated in the CV must meet the following conditions:</p> <ul style="list-style-type: none"> 2.1. to be issued or countersigned by the beneficiary or the main contractor; 2.2. The documents must clearly state: 	<p>1.</p> <p>2.</p>

		<ul style="list-style-type: none"> - - the fact that the proposed expert held the position of Project Manager/Project Coordinator/Project Leader - - the scope of the contract in which the proposed expert held the position of Project Manager/Project Coordinator/Project Leader - - the significance category of the site - - According to the requirements of the Procurement Data Sheet, chapter II.2.5 Awarding criteria, documents confirming those stated in the CV will be submitted, such as (and not limited to): handover-reception protocol signed by the beneficiary/recommendations from the beneficiaries/main contractors or any other document issued or countersigned by the beneficiary or the main contractor confirming those requested by the procurement data sheet. - - 3. Proof of qualification by submitting diploma/diplomas, demonstrating that the nominated person has higher education with a bachelor's degree in one of the fields: civil engineering - or architecture 	3.
Technical evaluation factor -T1.2– Specific experience in the position of CIVIL ENGINEER	<i>(In this section, the contracts in which the expert was a member as CIVIL ENGINEER must be named/specified.</i>	1. The expert's CV, signed by the holder, filled in with all the requirements in the Procurement Data Sheet, chap. II.2.5 Awarding criteria,	1.

		<p>the category of buildings with nearly zero energy consumption (nZEB) or zero energy consumption (ZEB)</p> <p>According to the requirements of the Procurement Data Sheet, Chapter II.2.5 Awarding Criteria, documents confirming those stated in the CV will be submitted, such as (but not limited to): handover-reception protocol signed by the beneficiary/recommendations from beneficiaries/main contractors or any other document issued or countersigned by the beneficiary or the main contractor confirming those requested by the procurement data sheet.</p> <p>In addition, to prove the expert's experience in designing buildings with nearly zero energy consumption (nZEB) or zero energy consumption (ZEB), a nZEB/ZEB Compliance Report or Energy Performance Certificate (project/reception phase) shall be submitted, certifying the compliance of the site with this standard, or any technical document issued by competent auditors/experts/institutions/organizations in this regard, confirming the compliance of the site with this standard.</p> <p>3. Proof of qualification by submitting diploma/diplomas, proving that</p>	
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		the nominated person has higher education with a bachelor's degree in the field of civil engineering that can confirm professional training in these specializations	
<p>Technical evaluation factor -T1.3–</p> <p>Specific experience in the position of ENGINEER FOR DESIGNING ELECTRICAL INSTALLATIONS RELATED TO BUILDINGS WITH NEARLY ZERO ENERGY CONSUMPTION (NZEB) OR ZERO ENERGY CONSUMPTION (ZEB)</p>	<p><i>(In this section, the contracts where the expert was a member as ENGINEER FOR DESIGNING ELECTRICAL INSTALLATIONS, that meet the Minimum requirement in the specifications, chapter 3.7, as well as the contracts to be scored, will be nominated/specified, on a mandatory basis.</i></p> <p><i>The respective contracts must also be found in the CV of the nominated expert.</i></p> <p>Contracts to be scored:</p> <p>1.</p> <p>2.</p> <p>... ..</p>	<p>1. The expert's CV, signed by the holder, filled in with all the requirements requested by the Procurement Data Sheet, chap. II.2.5 Awarding criteria, respectively:</p> <p>The expert's CV will specify:</p> <ul style="list-style-type: none"> - The contracts (no., date, scope of the contract, including the significance category of the site, the signatory parties) to which the expert participated, as Engineer for electrical installation - both the contract/contracts that meet the Minimum requirement in the specifications, chap. 3.7 and the contracts to be scored will be specified in the CV - The specific position within the contract <p>2. Documents confirming those stated in the CV must meet the following conditions:</p> <ul style="list-style-type: none"> 2.1. to be issued or countersigned by the beneficiary or the main contractor; 2.2. The documents must clearly state: <ul style="list-style-type: none"> - the fact that the proposed expert held the position of ENGINEER FOR 	<p>1.</p> <p>2.</p>

		<p>ELECTRICAL INSTALLATIONS</p> <ul style="list-style-type: none"> - the scope of the contract in which the proposed expert held the position of ELECTRICAL INSTALLATION ENGINEER - the significance category of the site - whether the site falls into the category of buildings with nearly zero energy consumption (nZEB) or zero energy consumption (ZEB) <p>According to the requirements of the Procurement Data Sheet, chapter II.2.5 Awarding criteria, documents will be submitted to confirm those stated in the CV, such as (and not limited to): handover-reception protocol signed by the beneficiary/recommendations from the beneficiaries/main contractors or any other document issued or countersigned by the beneficiary or the main contractor to confirm those requested by the procurement data sheet.</p> <p>In addition, to prove the expert's experience in designing electrical installations for buildings with nearly zero energy consumption (nZEB) or zero energy consumption (ZEB), a nZEB/ZEB Compliance Report or an Energy Performance Certificate (design/reception phase) will be submitted</p>	<p>3.</p>
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<p>Technical evaluation factor -T1.3–</p> <p>Specific experience in the position of ENGINEER FOR DESIGNING THERMAL INSTALLATIONS RELATED TO BUILDINGS WITH NEARLY ZERO ENERGY CONSUMPTION (NZEB) OR ZERO ENERGY CONSUMPTION (ZEB</p>	<p><i>(In this section, the contracts where the expert was a member as ENGINEER FOR DESIGNING THERMAL INSTALLATIONS, that meet the Minimum requirement in the specifications, chapter 3.7, as well as the contracts to be scored, will be nominated/specified, on a mandatory basis.</i></p> <p><i>The respective contracts must also be found in the CV of the nominated expert.</i></p> <p>Contracts to be scored:</p> <p>1.</p> <p>2.</p> <p>... ..</p>	<p>. The expert's CV, signed by the holder, filled in with all the requirements requested by the Procurement Data Sheet, chap. II.2.5 Awarding criteria, respectively:</p> <p>. The expert's CV will specify:</p> <p>. - The contracts (no., date, scope of the contract, including the significance category of the site, the signatory parties) to which the expert participated, as Engineer for thermal installations - both the contract/contracts that meet the Minimum requirement in the specifications, chap. 3.7 and the contracts to be scored will be specified in the CV</p> <p>. - The specific position within the contract</p>	<p>1.</p> <p>2.</p>

		<p>Documents confirming those stated in the CV must meet the following conditions:</p> <p>2.1. to be issued or countersigned by the beneficiary or the main contractor;</p> <p>2.2. The documents must clearly state:</p> <ul style="list-style-type: none"> - - the fact that the proposed expert held the position of ENGINEER FOR THERMAL INSTALLATIONS <p>the scope of the contract in which the proposed expert held the position of THERMAL INSTALLATION ENGINEER</p> <ul style="list-style-type: none"> - the significance category of the site - whether the site falls into the category of buildings with nearly zero energy consumption (nZEB) or zero energy consumption (ZEB) <p>According to the requirements of the Procurement Data Sheet, chapter II.2.5 Awarding criteria, documents will be submitted to confirm those stated in the CV, such as (and not limited to): handover-reception protocol signed by the beneficiary/recommendations from the beneficiaries/main contractors or any other document issued or countersigned by the beneficiary or the main contractor to confirm those requested by the procurement data sheet.</p>	<p>3.</p>
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		<p>In addition, to prove the expert's experience in designing thermal installations for buildings with nearly zero energy consumption (nZEB) or zero energy consumption (ZEB), a nZEB/ZEB Compliance Report or an Energy Performance Certificate (design/reception phase) will be submitted.</p> <p>3. Proof of qualification by submitting diploma/diplomas, that prove that the nominated person has higher education with a bachelor's degree, in one of the fields of electrical engineering or energy engineering (or equivalent), which can confirm the professional training in these specializations</p>	
<p>Technical evaluation factor T2 - Warranty period granted for the works execution</p>	<p><i>(In this column, the duration of the warranty provided for the works must be specified)</i></p> <p>THE DURATION OF THE WARRANTY GRANTED FOR THE WORKS EXECUTION is..... months</p>	<p><i>The warranty will be substantiated from a technical, logistical point of view and from the resources provided in the tender, able of ensuring the meeting of the requirements in the specifications.</i></p> <p>ONE WILL PRESENT IN A SEPARATE CHAPTER WITHIN THE TECHNICAL PROPOSAL</p> <p>THE WARRANTY ASSURANCE PLAN PROVIDED, which will contain:</p> <p>- The plan regarding the measures for supervising the works during the warranty period granted, which will take into account the specification of the modalities, the intervention term and the duration of the remedy of potential defects due to execution/production defects, the material, technical and staff resources allocated for the implementation of the plan;</p>	<p>.....</p>

		<p><i>- Description of the way how the quality management plan will ensure the necessary quality level of its results and of the work processes within the contract (design and execution of works). The tenderers will present those measures through which to highlight the superior quality of the works which will ensure the fulfillment of quality conditions and superior performance compared to the minimum ones necessary to fulfill the compliance of the technical proposal</i></p> <p><i>At the same time, a Statement regarding the duration of the warranty granted for the works will be presented in this regard.</i></p>	
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TENDERER,

(certified signature)

Date of filling in

