REQUEST FOR EXPRESSIONS OF INTEREST

CONSULTING SERVICES – FIRMS SELECTION FOR DESIGN AND TECHNICAL ASSISTANCE

COUNTRY: Romania

NAME OF PROJECT: Safer, Inclusive and Sustainable Schools Project

Loan No./Credit No./ Grant No.9236-RO

Assignment Title: Consultancy services for Design and Technical Assistance

The Government of Romania has received financing from the World Bank toward the cost of the Safer, Inclusive and Sustainable Schools Project (SISS Project) and intends to apply part of the proceeds for consulting services for Design and Technical Assistance.

The SISS Project objectives are to improve the resilience, energy efficiency and learning environment of selected Project schools, and to increase institutional capacity for integrated investments in schools in Romania.

The consulting services ("the Services") include design services and technical assistance during the execution of works for the consolidation or construction of the educational units listed in the TOR. (carrying out the feasibility study, the technical project and the details of execution and technical assistance during the execution works) in order to rehabilitate, consolidate, extend or rebuild pre-university school units in high seismic areas located throughout the country.

The Consultant will provide the services and provide the documents and reports described in Section III, Terms of Reference.

The services are estimated to be performed in 18 months – 4 months for design period and 14 months of technical assistance period.

The detailed Terms of Reference (TOR) for the assignment are attached to this request for expressions of interest.

The Ministry of Education, through the School and University Network Modernization Project Management Unit (SUNMPMU) now invites eligible consulting firms ("Consultants") to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

- Minimum 5 years of experience in design of civil works
- Minimum 10 design and technical assistance projects of school units successfully implemented during the last 5 years.
- Availability of Core Personnel to execute the project.
- Experience in design using renewable energy in at least 2 projects.

Key Experts will not be evaluated at the shortlisting stage.

Interested consulting firms must provide and certify the following information, indicating the extent to which they are qualified to provide these services:

- copy of the tax registration certificate, tax code, and copy of the registration certificate at the Trade Register Office;
- ascertaining certificate issued by the Trade Register Office/operation authorization/other equivalents proving the form of registration and the fact that the consultant has the main or secondary field of activity registered in the ONRC certificate (authorized CAEN codes) that corresponds to this procedure;
- portfolio of similar projects, including references, ascertaining document regarding the fulfillment of contractual obligations, acceptance report, other relevant documents in support of the requirement;
- copies of balance sheets on 31.12.2021, 31.12.2020, 31.12.2019, endorsed by the Public Finance Administration for the average turnover in the last three years;
- description of tools for carrying out projects,
- list of key specialized personnel

The attention of interested Consultants is drawn to Section III, paragraphs, 3.14, 3.16, and 3.17 of the World Bank's "Procurement Regulations for IPF Borrowers" November 2020 edition ("Procurement Regulations"), setting forth the World Bank's policy on conflict of interest.

Consultants may associate with other firms to enhance their qualifications but should indicate clearly whether the association is in the form of a joint venture and/or a sub-consultancy. In the case of a joint venture, all the partners in the joint venture shall be jointly and severally liable for the entire contract, if selected.

A Consultant will be selected in accordance with the Quality And Cost-Based method set out in the Procurement Regulations.

Further information can be obtained at the address below during office hours Monday – Thursday from 8:30 to 16:30 hours and Friday from 08:30 – 14:00 hours.

Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by 30th of March 2023.

Ministry of Education - School and University Network Modernization Project Management Unit

Attn: Valeria Georgiana Arsene, Deputy Project Director, Oana Cozma – procurement specialist

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TERMS OF REFERENCE
Consultancy Services for
Design and Technical Assistance Services

I. Summary

I.1 Background

The Ministry of Education, through the School and University Network Modernization Project Management Unit (SUNMPMU), is implementing the Safer, Inclusive and Sustainable Schools Project, financed by the International Bank for Reconstruction and Development (IBRD), Project no. 9236-RO, ratified by Romanian Law no. 299 of December 14th, 2021. The Loan Agreement Number 9236-RO was signed between the WB and the GoR, represented by MoF, on 6th of May 2021. The SISS Project is to be implemented over a period of six years, between 2021 and 2027.

The SISS Project Development Objectives (PDO) are to improve the resilience, energy efficiency and learning environment of selected Project schools, and to increase institutional capacity for integrated investments in schools in Romania.

I.2 Project description

The project has 5 components as follows:

Component 1: Integrated Investment in School Infrastructure

This component will finance all aspects associated with retrofitting and rehabilitation, or demolition and reconstruction, of about 55 of the highest-risk primary and lower secondary school buildings prioritized to be intervened under the Project, as well as the temporary relocation of students during works and outreach to Project schools and communities.

Component 2: Investing in Clever Classrooms

This component aims to finance investments in modern classroom furniture and equipment for the Project schools prioritized for retrofit-rehabilitation or demolition-rebuild under Component 1, with the objective of facilitating a better learning environment through investments in digitalization better-quality, and safer classrooms, and flexible and inclusive spaces.

Component 3: Foundations for Future Investments in Resilient and Sustainable and Modern Schools Infrastructure

This component will finance activities that create the enabling environment for a long-term investment program for resilient, modern, energy efficient and inclusive schools across Romania beyond the estimated 55 Project schools.

Component 4: Project Management

The component will focus on expanding and supporting the staff capacity needed to ensure successful implementation of the activities carried out under the proposed Project within the MoE Project Management Unit (SUNMPMU) and in associated stakeholder groups.

Component 5: Contingent Emergency Response Component

This component allows for rapid reallocation of uncommitted Project funds toward urgent needs in the event of a natural or man-made disaster (e.g., serious storms, floods, earthquakes, droughts), crisis, or public health emergency (disease outbreaks).

I.3 Project Beneficiaries

The estimated Project beneficiaries are as follows: Under Component 1, it is estimated that some 17,500 users of approximately 95 buildings across about 55 schools will benefit directly from the structurally and functionally upgraded education infrastructure. This includes teachers, students, and other users of the buildings. Under Component 2, the Project will support improvement of approximately 1,000 classrooms to provide modern and digital learning environments and, thus, to meet the differentiated needs of approximately 16,000 students. Moreover, 1,500 teachers will directly benefit from training provided under the Project, with additional teachers benefiting from training materials, such as e-modules, developed under the Project. Under Component 3, local authorities in areas of high seismic risk will receive model school designs, training packages, and streamlined Project preparation documents. As such, Component 3 is anticipated to enable and support the efficient and high-quality investment of funds available under the next EU programming period and is likely to provide benefit to more than 20,000 school building occupants. Communities will also benefit from the training on disaster and climate resilience under Component 3.

II. Objective of the Assignment

The assignment according to these Terms of Reference (ToR) is to provide design services and technical assistance during the execution of works for the consolidation or construction of the educational units listed below. These educational facilities are nominated as part of the "Safer, Inclusive and Sustainable Schools" Project. The Consultant will provide the services and provide the documents and reports described in this Terms of Reference.

The services should be completed within the periods specified in Section III.3 of these Terms of Reference and in accordance with the provisions of the Contract.

The services provided by the Consultant under the Contract will comply with the following:

- ✓ technical data sheet
- ✓ design theme for each school
- ✓ the Romanian legislation in force incidental in the field of constructions
- ✓ the provisions / recommendations provided by Directive no. 2010/31 / EU on the energy performance of buildings (EPBD recast).
- ✓ technical surveys
- ✓ the Stakeholders Engagement Plan and Environmental and Social Management Framework available at https://SUNMPMU.ro/sissp/documente-cadru/

The client is the Ministry of Education, represented by the School and University Network Modernization Project Management (SUNMPMU).
During the performance of the contract, the Consultant will report to SUNMPMU all aspects related to the fulfillment of the object of the contract.

III. Scope of Services, Tasks and Expected Deliverables

The design and technical support services under this contract cover the following schools:

Package	No.	County	School	Solution
S/SISSP/QCBS/01/2023	1	Galati	School grades I-VIII "F. Julea" Negrilesti	C+E
	2	Galati	School grades I-VIII no. 1 Matca	CN
	3	Giurgiu	School grades I-VIII "N. Crevedia" Crevedia Mica, Crevedia Mare	C+E
	4	Giurgiu	School grades I-VIII no. 1 Gostinari	CN
	5	Giurgiu	School grades I-VIII "M. Viteazul" Hulubesti Calugareni	CN
	6	Ilfov	School grades I-VIII no. 3 Buftea	CN
	7	Ilfov	School grades I-VIII no. 1 Ciorogarla	C+E
	8	Ilfov	School grades I-VIII no. 2 Cretesti Vidra	CN
	9	Ilfov	School grades I-VIII "M. Eminescu" Ghermanesti Snagov (corp nou)	CN
	10	Ilfov	School grades I-VIII no. 1 Tunari	CN
	11	Teleorman	School grades I-VIII Calinesti	CN
	12	Vrancea	School grades I-VIII "Angela Gheorghiu" Adjud	CN

INTERPRETATION OF SYMBOLS:
Solution
CN new construction
C + E consolidation and extension

III.1 Detailed task description

III.1.1. **The object of the contract has three phases which consist in the provision of the following Services:**

(a) design services - Phases I and II:
The technical-economic documentation will be elaborated on design phases, according to GD no. 907/2016 with subsequent amendments and completions, regarding the stages of elaboration and the framework content of the technical-economic documentation related to the objectives/investment projects financed from public funds, with the subsequent amendments and completions.
The execution and provision of professional design services (Phase I and II) will be carried out in accordance with the rules and regulations in force and the quality standards described in this ToR - to allow SUNMPMU, based on the design documentation, to execute consolidation and rehabilitation or consolidation, rehabilitation and extension or new construction of the schools listed in paragraph 1 above.
The design activity will be performed to meet:

- ✓ ensuring the functionality, the educational spaces and the way of compartmentation according to the specifications in the Design Theme,
- ✓ providing utilities from networks / other sources,

- ✓ solving the conditions imposed by urbanism,
- ✓ vertical systematization and landscaping according to the conditions offered by the site and the specifications of the Design Theme,
- ✓ providing sustainable and sustainable solutions, based on the responsible implementation of environmental practices and resource efficiency that allow long-term accessibility, with minimal impact on the environment,
- ✓ assessment of implementation costs determined according to site-specific elements. Two technical documents will be prepared, respectively two general estimates on funding sources: ME-SUNMPMU funds (school building and related facilities including equipment, outdoor networks, drilled well, including treatment facilities, drain, etc.) and local funds (fences, pedestrian and roadways, connections - electricity, water, sewer, natural gas, including metering equipment, garbage platform, PSI shed, wood storage, landscaping - playground, sports field, parking, etc.) , and a general estimate that will sum up both sources of funding.

The projects will be carried out based on the requirements imposed by the norms and regulations in force, including in the field of energy efficiency for buildings. Also, the provisions/recommendations provided by Directive no. 2010/31/EU on Energy Performance of Buildings (EPBD recast), with a reduction in environmental impact over its lifetime, design methods will be applied that aim at the responsible implementation of environmental practices and resource efficiency.

(b) technical assistance services during the execution of works - Phase III, to ensure that the rehabilitation and modernization of the schools is carried out by the Constructor (s) in accordance with the technical documentation prepared by the Consultant and approved by the Client, according to the legislation in force.

III.1.2. Phase I. Feasibility study or documentation for approving the intervention works, as the case may be

III.1.2.1 Elaboration of specialized studies:

- ✓ topographic study,
- ✓ geotechnical study and/or analysis and terrain stability studies;
- ✓ study on the possibility of using high efficiency alternative systems to increase energy performance;
- ✓ or others as needed

III.1.2.2. Elaboration of the Feasibility Study or of the documentation for approving the intervention works, as the case may be

The feasibility study/documentation for approving the intervention works (as the case may be) will be carried out in accordance with the provisions of GD no. 907/2016, with subsequent amendments. During this phase, the following will be observed (without being limited to them):

✓ The consultant will participate immediately after signing the contract in a meeting with the involved parties, in order to establish the technical-economic details that will be the basis for the subsequent preparation of the design documentation, having as reference the documentation submitted in the bidding phase. During this meeting, the breakdown of the costs necessary to make the investment by financing sources will be made: ME-SUNMPMU funds and local funds.

✓ For the optimal technical-economic scenario/option, recommended in the Feasibility Study/documentation for approving the intervention works, two general estimates will be drawn up

by financing sources. Specifically, ME-SUNMPMU will finance the entire cost of rehabilitating school buildings and providing utilities and related works around the immediate perimeter of the building.

✓ The local authorities will finance from their own budgets all other works, including the necessary connections of utilities (water, electricity, etc.) to the municipal networks. Therefore, the Consultant will submit separately the cost estimates for the works to be financed from the ME-SUNMPMU funds (school building and related facilities including equipment, outdoor networks, well drilling, including treatment facilities, drainage pit, etc.) and local funds (fences, pedestrian and roadways, connections - electricity, water, sewer, natural gas, including metering equipment, garbage platform, PSI shed, wood storage, landscaping - playground, sports field, parking, etc. .), and a general estimate that will sum up both sources of funding.

✓ The solutions analyzed/proposed within the Feasibility Study/documentation for approving the intervention works for each school under the Contract:

- will meet the requirements set out in the Design Theme,
- will be adapted to the site conditions,
- will comply with the rules and regulations in force in the field of construction, including in the field of energy efficiency for buildings.

✓ The substantiation of the proposed scenarios will include the use of green methods - use of recycled materials, savings on construction waste, reduction of pollution to minimize carbon emissions, management and efficiency of water and energy consumption to reduce operating costs, respectively the future needs of the tenants of these buildings by adopting solutions that favor a healthy environment.

✓ Drawing up an inventory of existing school furniture, and an assessment of the need for replacement and/or additional furniture appropriate to the rehabilitated school.

✓ The inclusion in the preliminary draft of an approximate estimate of the quantities and prices (corresponding to the values of the estimates by sources of financing, respectively of the general estimate) in order to carry out the cost-benefit analysis.

✓ Ensuring by the Consultant, in all aspects of the project, of a quality/price ratio, i.e. ensuring the optimal balance between investment and maintenance costs.

✓ Conducting an economic analysis of maintenance and operating costs over the "life of the building".

III.1.2.3.Documents to be submitted during Phase I:

- Topographic study;
- Geotechnical study and/or analysis and terrain stability studies;
- Study on the possibility of using high efficiency alternative systems to increase energy performance;
- Feasibility study or documentation for approving the intervention works, having the framework content according to the regulations of GD 907/2016 with subsequent amendments;
- General estimates, according to GD no. 907/2016, with subsequent amendments, according to the mentioned requests (by sources of financing and general).
- The documents requested in phase I - in the form of drafts/intermediate documents will be made and submitted within 45 days of signing the contract.

The above-mentioned documents will be submitted separately for each school, as soon they are completed.

After submitting the documents, the technical-educational approval is required, as follows:

- Within 15 days from the receipt of the documentation, ME - SUNMPMU convenes at the headquarters the approval meeting, which will be attended by: at least one representative from the Consultant, the representative of the educational unit and the representative of the Territorial Administrative Unit.
- during the approval session, the submitted documents will be analyzed, they will be subject to technical, cost-benefit and educational revision and changes / improvements will be proposed to the Consultant, as appropriate;
- During the process of technical-educational approval of the Feasibility Study / documentation for the approval of the intervention works, the local authorities will confirm the share of the works they are willing to finance.
- the observations / proposals to modify the documentation as a result of the technical, cost-benefit and educational review and the agreement of the local authority regarding the financing of the works from its own funds will be mentioned in the Technical-Educational Approval Minutes.
- Within 15 days from the Technical-educational approval meeting, the Consultant has the obligation to submit the documents in final form, including the mentions recorded in the Minutes of the technical-educational approval.

Considering the need to relocate students in order to free up the site for the new construction, temporary modular schools will be procured.
Thus, at this phase, the designer will present a project proposal for the modular school, taking into account the number of students, teachers and auxiliary staff that need to be relocated and the characteristics of the location on which it is being built. If the same site is to be used for both the new construction and the temporary modular school, increased safeguards will be taken so that the demolition/construction work on the new construction does not affect the education process.
The project proposal for the modular school will contain the following documentation:

- architectural
  - location plan
  - size and number of modules (containers), their placement, including levels, if applicable, sizing of doors and windows, stairs (if applicable), etc.
- temporary connection to the public electricity network, meter installation, including sizing of the electrical installation. If a permanent connection can be made that can later serve the new building, this aspect will be taken into account.
- provision of water-sewage utilities either by connecting to existing public networks, or by means of existing (or proposed for the basic investment) drilled well/empty basin/septic tank solutions, water meter installation, including installation sizing.
- location details, depending on the nature of the terrain, necessary to fix the modules to the ground
- lists of quantities for the works to be executed in order to build the temporary modular school

The documents required in phase I - final form - will be submitted as follows:
1.Field studies (topographic surveys, geotechnical studies) related to the investment objective - 1 paper copy;
2.1. Feasibility study, in accordance with Annex 4 of Decision no. 907/2016 on the stages of elaboration and the framework content of the technical-economic documentation related to the objectives / investment projects financed from public funds, with subsequent amendments and completions - 3 paper copies;
or

2.2. The documentation for approving the intervention works, in accordance with Annex 5 of Decision no. 907/2016 on the stages of elaboration and the framework content of the technical-economic documentation related to the objectives / investment projects financed from public funds, with subsequent amendments and completions - 3 paper copies;
3.General estimates, according to GD no. 907/2016, with subsequent amendments and completions - 3 copies of paper (financing MoE and Local Funds, separately, and a general estimate that will include both sources of funding),
The documents must be issued and presented, signed and stamped according to the Romanian legislation in force. Documentation in paper format will be accompanied by 1 CD / DVD in electronic format (CAD, word, excel, as appropriate) and 1 CD / DVD in scanned format, (financing MEN and Local Funds).
The delivery of the documents will be done on the basis of the Minutes of delivery and receipt and is a condition for the payment of the services from Phase I.

III.1.3 **Phase II: Preparation of final construction documents (Technical Design and Execution Details)**
Upon receipt of the approval by ME-SUNMPMU of the documents prepared in Phase I, the Consultant will prepare the complete final set of documents for the achievement of the investment objective. These final construction documents will be based on the scenario /option approved in the feasibility study or the documentation for approving the intervention works that incorporate the Client's recommendations and are approved by the Client.
Phase II tasks include:
III.1.3.1 Elaboration of the Project for the authorization of demolition/ execution of the works
in order to obtain the necessary approvals and agreements for the issuance of the construction/demolition permit, regulated by Law no. 50/1991, republished, with subsequent amendments.
III.1.3.2 Elaboration of the Technical Execution Project, including the execution details
The technical execution project must be elaborated in such a way as to be clear, to provide complete technical information on the future work and to meet the technical, economic and technological requirements of the Client and will be carried out in accordance with the provisions of Decision no. 907/2016, Annex no. 10 - Written and drawn parts: general memorandum, presentation of the scenario / option approved within the feasibility study / documentation for approving the intervention works, technical solution, calculation briefs, specifications, quality control programs by specialties, lists with quantities of works, the general schedule of the investment, general drawings, drawings related to the specialties (architecture, structure, installations, drawings of machinery and technological equipment, endowment drawings.
The drawings will be prepared on the relevant scale, as is usually required by the work in question, and will include all the details necessary for defining, establishing and carrying out the work.

The drawn parts must contain all relevant notes, descriptions and details necessary for a clear understanding of the scope and quality of the work required and to enable identification and correlation with the Technical Specifications, List of Quantities and Scheme of Construction Materials, Finishes and Works.

When designing projects, materials, garments, prefabricated elements, technological machinery and equipment will be defined by parameters, performance and characteristics. It is forbidden to make references or references to trademarks, manufacturers, suppliers or other such recommendations or clarifications that indicate preferences or restrict competition. The technical characteristics and functional parameters will be presented within limits (as far as possible)

resulting from the calculation patents and will not be given in a deterministic way, in order to favor a certain supplier (manufacturer).
The execution details, part of the technical execution project, will comply with its provisions and will detail the solutions of composition, assembly, execution, assembly and other such operations regarding parts/elements of construction or related installations and indicating dimensions, materials, execution technologies, as well as links between the structural / non-structural constructive elements of the investment objective.
The consultant will prepare a cost estimate, including a price/item quantity list and an accompanying note explaining the basis of the cost estimate and the main assumptions and risks. The lists of quantities will be drawn up in tabular form, including combined items (materials, labor, transport, indirect costs and profit). The unit of measure / article is a conventional one and includes all the operations necessary to carry out the designed activity. Example - concrete (mc) includes: formwork, reinforcement, concreting, vibration, formwork for all construction elements related to that article, including material costs, labor, transportation, overhead and profit.

III.1.3.4 Preparation of documentation on operation, maintenance and repairs and the Behavior Monitoring Project over time

The documents requested in phase II will be made and submitted / delivered within 65 days from the completion of phase I, so:

- The technical project for the authorization of the execution of construction works - PAC, in accordance with Annex 9, letter A of GD no. 907/2016 - 2 paper copies;
- The project for the authorization of the execution of the demolition works - PAD, if applicable, in accordance with Annex 9, letter B of GD no. 907/2016 - 2 paper copies;
- The project for organizing the execution of works - POE, in accordance with Annex 9, letter C of GD no. 907/2016 - 2 paper copies;
- The technical execution project including the execution details, in accordance with Annex 10 of GD no. 907/2016 - 3 copies of paper, MEN financing and Local Funds, separately;
- Documentation on operation, maintenance and repairs - 1 paper copy;
- Behavior tracking project over time - 1 paper copy,
- Lists of quantities with and without detailing of unit prices - 1 copy of paper, MEN financing and Local Funds, separately. Lists of quantities will be drawn up in tabular form.
- OHS plan
- Site management plan

The above-mentioned documents will be submitted separately for each school, as soon they are completed.

All documentation will be subject to verification, at the expense of the Consultant and at his expense, by Authorized Verifiers, in accordance with the Regulation on verification and technical expertise of quality of projects, works and constructions, approved by GD 925/1995 with amendments and subsequent additions. The consultant will include in its financial proposal the cost for this verification.
The final documents are subject to the Technical Approval from the Client. The result of the technical approval session is the Technical Approval Note of the Technical Project.
Obtaining the Technical Approval is a condition for the payment of Phase II services.
The paper documentation will be accompanied by 1 electronic CD / DVD (CAD, word, excel, as appropriate) and 1 scanned CD / DVD (MEN and Local Funds financing).
The delivery of the documents will be done on the basis of the Minutes of delivery and receipt and is a condition for the payment of the services from Phase II.

In preparing all the required deliverables under this assignment, the Consultant will take into account the relevant European Union standards and national standards in force.
Where Romanian norms and standards are available and sufficient, they will be applicable. In their absence, reference will be made to European Union rules and standards.
Also, throughout the design phase (from the FS phase to tracking behavior over time), solutions dedicated to the sustainability of buildings and the built environment will be considered and adopted, related to the design, execution and operation stages, such as be: health and quality of the indoor environment, circular economy and resource conservation, energy performance, optimizing resource consumption, biodiversity, etc
All activities related to the Project must be carried out in accordance with its applicable environmental laws and European Union environmental protection standards and must comply with all necessary governmental authorizations applicable to them.
Maintenance, construction and rehabilitation works, as well as the environmental impact mitigation policies that may be required for the Project, must be carried out in accordance with good utility practices and the standards mentioned in the point immediately above.
In addition, when preparing the documents required in Phases I and II, the Consultant will take into account the relevant legal provisions in force regarding environmental protection and labor protection.
These legal provisions must be reflected in the documents submitted by the Consultant. Thus, the Consultant will address both the impact on the environment during the construction / execution of works and the impact on the environment during the operation of schools.
In preparing the required documents in Phases I and II, the Consultant will present the proposed solution (s) to the relevant school authorities to ensure that their needs (as final beneficiaries) are taken into account. The supporting documents for these consultations are represented by the Minutes of the Technical-Educational Approval Meetings.

III.1.4 Reception and checks

The documents will be handed over to the Client in the requested form.
The quantitative and qualitative reception is made at the Client's headquarters after verifying the documentation submitted, for each of the 2 phases, for each school, by a Technical-Economic Approval Commission, which will include experts nominated by the Client. Following the technical approval of the documentation, a minute of the reception will be concluded.
If, following the quantitative and qualitative acceptance, deficiencies or ambiguities are found in the submitted documentation, the Consultant has the obligation to rectify these deficiencies or ambiguities within a maximum of 15 calendar days, at no additional cost to the value of the contract.

III.1.5 Phase III: Technical Assistance Services during execution

In order to verify the correct execution of the construction works, the Consultant will provide technical assistance services throughout the execution of works in school units mentioned in the first paragraph of Section III, having mainly, but not limited to, the following responsibilities:

- Verification of the quality, quantity, conformity and safety of construction works and related installations, in accordance with the technical design and the provisions of the specifications part of the technical projects, by specialties, as well as with the legislation in force;
- Permanent verification of the quantities and quality of materials used, in accordance with the provisions of the approved technical design and the specifications in the specifications;
- Monitoring the application on site of the solutions adopted by the project, of the observance of the technical regulations in force and of the execution technologies;

- Solving the non-conformities, defects and inconsistencies appeared in the execution phases and adapting the solutions from the project to the reality in the field;
- Changing the technical solutions adopted - if necessary - with the consent of the beneficiary or at his request, by issuing site provisions for the execution of the necessary works, accompanied by details of execution, lists of quantities, economic evaluations, etc.
- Participation on site with the site supervision consultant in carrying out quality checks in the decisive phases of execution;
- Participation in the elaboration of the technical book of the construction and in the reception of the executed works;
- Participation in command meetings, at the request of the Beneficiary;
- Other specific attributions provided by the regulations in force.

The services provided by the Consultant will comply with the Romanian legislation in force.
The performance of the service contract concluded between the Client and the Consultant will follow the provision of services for the following typical phases of a project:

a) Pre-construction of works,
b) Execution of works,
c) Receipt of works including warranty period (defect notification).

a) Services provided during the Pre-construction period

- Participation in the handover-receipt of the site, together with the Client, the constructor of the works and the site supervision consultant, who will draw up the Minutes of handover-receipt of the site and the landmarks that will contain information or in the basement and release dates.

b) Services provided during the construction period

- The consultant will follow the construction in accordance with the provisions of the projects, specifications and technical regulations in force.
- Responds within a maximum of 5 days to requests made by the project beneficiary and / or the builder, in connection with the implementation of the technical project and the execution details, by qualified personnel, who will be presented on site,
- Participates in the verification of the execution in intermediate phases, at the request of the beneficiary
- Participates, according to the provisions of Law 10/1995, in the decisive phases,
- Performs the verifications in case of the decisive phases provided in the norms and signs the documents drawn up as a result of the verifications, respectively minutes for the verification of the quality of the works,
- Provides assistance to the constructor of works in order to prepare remedial proposals. Based on these, the maximum remediation term will be established.
- Proposals for remediation shall be endorsed by verifiers certified in accordance with the rules in force,
- No non-compliance will be resolved until the reported issues are resolved,
- The additional / waiver order note will be prepared by the Consultant, will be signed by the Site supervision consultant, by the Client's representative, and approved by the Client
- The consultant, together with the other parties involved in the construction, are responsible according to their obligations for the hidden defects of the construction, arising within 10 years from the receipt of the work, as well as after the fulfillment of this term, throughout the existence of the construction. , for the defects of the

resistance structure resulting from non-compliance with the design and execution norms in force at the date of its realization,

- Participates, at the request of the Client, in other meetings organized by him, in order to analyze some problems that appeared during the execution of the works,
- The Constructor will participate together with the Site supervision consultant in the elaboration of the technical book of the construction.

c) Services provided during the Reception of works

The reception of the works is done in two stages;

- reception at the end of the works;
- final receipt at the end of the defect notification period.

The receptions will be organized by the Credit Ordinator, in his Beneficiary capacity.
The reception of the works is made by the Client, in the presence of the Consultant, the site supervision consultant, the constructor of the works and the representatives of the specialized institutions, legally designated by them, stage at which the Consultant has the legal obligation to present "as-built "- the technical execution project updated at the date of completion of the works.

The "Presentation Report of the Designer" or the "Final Report" will be prepared by the Consultant in compliance with the provisions of GD 343/2017 for the approval of the Regulation on the reception of constructions.

III.1.6 Communication and reporting system

The Consultant will be responsible for ensuring an efficient connection with the Client, Constructor, the site supervision consultant and the Client's representative. This will be materialized through meetings with all parties involved in the execution of the contract, respectively: Beneficiary - Client, Constructor, site supervision consultant, other parties, as appropriate, whenever necessary during the contract.
The form of communication will be in writing.
The Consultant must submit a monthly activity report, according to the model in the forms section.
The payment of the Technical Assistance services will be made on the basis of the monthly activity reports, approved by the Client.
The documents prepared by the Consultant will be submitted to the Client in written, signed and stamped format.

III.1.7 Other responsibilities of the consultant

III.1.7.1 Responsibilities regarding the meetings held during the contract

The consultant will attend at least the following meetings that will be held during the contract:

1. **Meeting 1 – consultation with the stakeholders**

Participants: SUNMPMU, consultant, local authorities, students, teachers, parents, NGOs, community, neighborhood, representatives from District School Inspectorate
Subject: the concept of the future construction, the requested spaces, location is decided etc. The discussion will be based on the concept presented in the designer's bid
Timeframe: maximum 15 days after the contract signing
Location: city hall

2. **Meeting 2 consultation with the stakeholders**

Participants: SUNMPMU, consultant, local authorities, students, teachers, parents, NGOs, community, neighborhood, representatives from District School Inspectorate, State Inspectorate of Construction, Emergency Inspectorate, Directorate of Culture, Cults and National Cultural Heritage

Subject: the final concept is presented and discussed
Timeframe: maximum 20 days after first consultation
Location: city hall

3. **Meeting 3 - technical approval**

Participants: SUNMPMU, consultant, local authorities
Subject: the final concept is approved as well as the estimated values, the works are separated (local authorities, SUNMPMU), the protocol by which the local authority assumes the budgeting of their works is signed
Timeframe: 55 days after contract signing
Location: SUNMPMU headquarters

4. **Meeting 4 – technical approval**

Participants: SUNMPMU, consultant
Subject: the technical project is approved (lists of quantities, tender values, execution details, implementation technologies etc) for MoE funds. In the same meeting the local authorities will approve the technical project (lists of quantities, tender values, execution details, implementation technologies etc) for their funds
Timeframe: maximum 120 days after contract signing
Location: SUNMPMU headquarters

III.1.7.2 Responsibilities regarding the Environmental and Social Management Plan

After signing the contract, the consultant has the responsibility to update/tweak the existing E&S screening checklist for each site, adding technical specifications if necessary. Based on the consultant's recommendations, the SUNMPMU team, along with World Bank team will decide if there are risks that would necessitate a separate an Environmental and Social Management Plan for that school, in accordance with the requirements of the World Bank. The Environmental and Social Management Framework is available online and will be the base on which the Environmental and Social Management Plan will be developed by the consultant. The ESMP will include measures to ensure that the project does not adversely affect the environment and the community, that risks are minimized and all mitigation measures are included. The ESMP will be cleared by the Bank, then subject of public consultation, where the stakeholders' concerns will be taken in consideration, finally cleared by the Bank and disclosed on the Client website. During the Works implementation, the Consultant will check that the ESMP mitigation measures are fully respected.

III.2 Team Composition & Qualification Requirements for the Key Experts

The Consultant shall furnish documentary evidence (including information about the completed contracts and contact information of clients from whom the references could be taken) to demonstrate that it and its key experts meet at least the experience requirements listed below.

III.2.1. The Consultant Qualifications

The Consultant minimum qualifications requirements are:

- Minimum 5 years of experience in design of civil works
- Minimum 10 design and technical assistance projects of school units successfully implemented during the last 5 years.
- Availability of Core Personnel to execute the project.
- Experience in design using renewable energy in at least 2 projects.

The Consultant shall furnish documentary evidence (references, ascertaining document regarding the fulfillment of contractual obligations, reception minutes, other relevant documents in support of the requirement) to demonstrate that it meets the qualifications requirements.

III.2.2 Consultant's Staffing

The performance of the proposed assignment will require Key Professional Staff and Non-Key Staff. The Consultant should provide qualified staff, both key-experts and non-key experts considering the assignment requirements and implementation time frame. The number and level of effort for all experts shall be listed in the technical proposal and their costs included in the financial proposal.

Qualification of Key Experts

Key experts represent specific knowledge and/or expertise required for the successful project implementation. Although the Consultant will form project implementation team at its discretion, the Consultant shall provide following key experts with proved competencies. For each proposed key experts the Consultant will present along with the technical proposal the supporting documents: the CV, diplomas and authorizations, recommendations, references or any other relevant documents in copy with the mention "in accordance with the original". Reallocation of competences among key experts and/or split of key expert competences is only allowed upon receipt of prior consent of the client.

Key Expert 1 - Project Design Chief: Engineer or Architect with a degree in Engineering or Architecture. Must have at least 10 years experience in the design and supervision of construction works. Must have at least 3 years of Team Leadership.

Key Expert 2 and Key Expert 3 - Architect: Architect with a degree in Architecture. Must have at least 5 years experience in the design and supervision of construction works. Must have participated in the design of at least 5 projects, of which minimum 2 regarding school units.

Key Expert 4 and Key Expert 5 - Civil Engineer: Engineer with a degree in Civil Engineering. Must have at least 5 years experience in the design and supervision of construction works. Must have participated in the design of at least 5 projects, of which minimum 2 regarding school units.

Key Expert 6 and Key Expert 7 - Installation Engineer (Plumbing): Installation Engineer with a degree in Installations Engineering. Must have at least 5 years experience in the design and supervision of works. Must have participated in the design of at least 5 projects of which minimum 2 regarding school units.

Key Expert 8 and Key Expert 9- Installation Engineer (Thermal installations): Installation Engineer with a degree in Installations Engineering. Must have at least 5 years experience in the design and supervision of works. Must have participated in the design of at least 5 projects, of which minimum 2 regarding school units. Participating in projects where renewable energy sources were used *would be an advantage*.

Key Expert 10 and Key Expert 11 - Electrical Works Engineer: Electrical Works engineer with a degree in Electrical Engineering. Must have at least 5 years experience in the design and

supervision of electrical installation works. Must have participated in the design of at least 5 projects, of which minimum 2 regarding school units.

Key Expert 12 and Key Expert 13 - Cost Engineer: Economist, Civil Engineer or Architect with a degree in Economics, Civil Engineering or Architecture and at least 5 years experience in cost engineering and estimating. Must have participated in construction cost related activities in at least 5 projects of which minimum 2 regarding school units.

Qualification of Non-key experts

During the implementation of the project, besides key-experts, non-key experts may be required to join the team. In order to demonstrate the availability of such experts, the CVs for non-key experts should be included in the consultant's proposal. Such CVs will not be evaluated but used to demonstrate that the Consultant has access to such experts. The proposed non-key experts will only have to be listed in the technical proposal and indicate their costs in the financial proposal.
The requirements of the non-key experts for this contract are as follows:

- Fluency in both written and spoken English;
- For Senior experts, a proven experience of not less than 5 (five) years is required in the areas relevant to their assignment;
- For Junior experts, a proven experience of not less than 2 (two) years is required in the areas relevant to their assignment;
- Proven specific professional experience in at least one relevant project to their assignment.

III.3. Reporting Requirements and Time Schedule for Deliverables

The following documents will be submitted by the Consultant, after each of the 3 Phases:
III.3.1 **After Phase I**

- Topographic study;
- Geotechnical study and / or analysis and terrain stability studies;
- Study on the possibility of using high efficiency alternative systems to increase energy performance, and also the use of environmentally friendly, sustainable materials;
- Feasibility study or documentation for approving the intervention works, having the framework content according to the regulations of GD 907/2016, related to the objectives/investment projects financed from public funds, with subsequent amendments and completions - 3 paper copies;
- General estimates, according to GD no. 907/2016, with subsequent amendments and completions - 3 copies of paper (financing ME and Local Funds, separately, and a general estimate that will include both sources of funding).

The documents must be issued and presented and signed according to the Romanian legislation in force. Documentation in paper format will be accompanied by an electronic format (CAD, word, excel, as appropriate) and in scanned format (PDF), (financing ME and Local Funds).
The documents requested in phase I will be elaborated and submitted within 55 days of signing the contract, in order to be approved (technically and-educationally).

III.3.2 **After Phase II**

- The technical project for the building permit for construction works - PAC, in accordance with Annex 9, letter A of GD no. 907/2016 - 2 paper copies;

- The project for organizing the execution of works - POE, in accordance with Annex 9, letter C of GD no. 907/2016 - 2 paper copies;
- The technical execution project including the execution details, in accordance with Annex 10 of GD no. 907/2016 - 3 copies of paper, ME financing and Local Funds, separately;
- Documentation on operation, maintenance and repairs - 1 paper copy;
- Building performance under aging factor - 1 paper copy,
- Bill of quantities with and without detailing of unit prices- 1 copy of paper, ME financing and Local Funds, separately. Bill of quantities will be drawn up in tabular form,
- OHS plan,
- Site management plan

All documentation will be subject to verification, at the expense of the Consultant, by Authorized Verifiers, in accordance with the Regulation on verification and technical expertise of quality of projects, works and constructions, approved by GD 925/1995 with amendments and subsequent additions. The consultant will include in its financial proposal the cost for this verification.
The final documents will be delivered within 65 days after technical-educational approval, of Phase I, and are subject to the Technical Approval from the Client. The result of the technical approval session is the Technical Approval Note.
The paper documentation will be accompanied by an electronic format (CAD, word, excel, as appropriate) and in scanned format (PDF), (ME and Local Funds financing).

III.3.3 Phase III

- Monthly report which will include the inspection of quality, quantity, conformity and safety of works, in accordance with the technical design,
- Monitoring the application on site of the solutions adopted by the project,
- Solving the non-conformities, defects and inconsistencies appeared in the execution phases and adapting the solutions from the project to the reality in the field, changing the technical solutions adopted and issuing the site order - if necessary,
- Participation in the elaboration of the technical book of the construction and in the reception of the executed works,
- Final Report or Presentation Report of the Designer will be prepared by the Consultant in compliance with the provisions of GD 343/2017 for the approval of the Regulation on the reception of constructions,
- Reception at the end of the works and final receipt after the defect liability period.

This phase will start after work execution contract starts and will be provided for 12 months. The monthly activity report will be submitted to the Client in the first 7 (seven) days of the month for the activity carried out in the previous month.

Duration of the assignment

The tasks defined under the current assignment are estimated to be performed in 18 months – 4 months for design period and 14 months of technical assistance period.

III.4 Client's Input and Counterpart Personnel

The following documents are made available to the Consultant:

- technical data sheet
- design theme for each school

- technical surveys for each school

The Stakeholders Engagement Plan and Environmental and Social Management Framework available at https://SUNMPMU.ro/sissp/documente-cadru/

Professional and support counterpart personnel to be assigned by the Client to the Consultant's team: technical experts (contract responsible)