**PRIMARY EDUCATION IMPROVEMENT PROJECT**

**Terms of Reference**

**for**

**Review of designs for extension of five primary school buildings**

1. **BACKGROUND**

The Ministry of Education and Science of the Republic of North Macedonia (MoES) implements the Primary Education Improvement Project (PEIP) and main objective is to improve conditions for learning in primary education. The project is implemented in urban, peri-urban and rural locations across the country. North Macedonia has recently undertaken important reforms of the preschool education and care system. To capitalize further on this important investment, the overall project supports the Government of the Republic of North Macedonia’s (MoES) to invest more, and more effectively, in the quality of teaching and learning in primary education. The PEIP project is organized around three main elements that need to be aligned in order to be complementary to each other. Two are system-level reforms regarding the development of a comprehensive national assessment program and enhancing competences of teachers, multi professional support teams and school leaders that would create the necessary enabling conditions, so the school teams are empowered with data on learning and up-to-date training. The third focuses on school-level interventions. Additionally, the PEIP project would strengthen sector management, project management and monitoring & evaluation.

The Ministry of Education and Science (MoES) of the Republic of North Macedonia is committed to improving the quality of primary education by transitioning schools from a double-shift to a single-shift operation system. This initiative aims to extend instructional hours, enhance educational outcomes, and create a more conducive learning environment. The transition also aligns with national goals for energy efficiency and environmental sustainability, as transition to a single-shift is expected to decrease energy consumption and other operational costs. OECD analysis (2016) highlights that students in the Republic of North Macedonia under the age of 14 receive approximately 900 fewer instructional hours compared to their peers in OECD countries. This limited instructional time hinders the depth and breadth of learning and restricts participation in extracurricular and non-academic activities. According to the World Bank, one factor preventing an increase in teaching duration is the large number of schools operating in two shifts. The government is striving to enhance the quality of education, with one of the Ministry of Education and Science's (MoES) top priorities being the implementation of single-shift schooling.

1. **OBJECTIVE OF THE ASSIGNMENT**

The objective of this assignment is to perform an engineering review of the designs/project technical documentation for the extension of five school buildings in Skopje, to verify the quality of the designs/technical documentation and ensure its adequacy for obtaining construction permits and for the future bidding processes for selection of construction companies. The engineering review must be performed in line with relevant national standards and regulations.

1. **SCOPE OF WORK**

The Consultant (Engineering Review Company) shall be responsible for carrying out the following main tasks:

* Visit of the schools prior to brainstorming sessions with the designers and the Project Implementation Unit (PIU)
* Take part in the brainstorming session with the designers for each school prior to the start of the design stage
* Provide feedback and expert guidance to designers, while the designs are under preparation, on performing adjustments of the technical documentation in order to improve quality and achieve suitability for a future bidding process;
* Drafting review report on the main designs for the extension of the four school buildings in Skopje, for each location/school separately
* Review of the main designs for the extension of the four school buildings in Skopje, for each location/school separately, in line with DIN standards and in accordance with the applicable national legislation and best practices of the engineering review.

The locations/schools for which a review of designs is needed are as follows:

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **Primary school** | **Estimated number of additional classrooms for construction** | **m2** |
| 1 | “Aleksandar Makedonski”- Aerodrom | 2 | 200 |
| 2 | “Dimo Hadzi Dimov” - Karpos | 6 | 400 |
| 3 | “Panajot Ginovski - Butel  | 3 | 300 |
| 4 | “Njegos” – Jurumleri – Gazi Baba | 4 | 300 |
| 5 | “Strasho Pindzur”- Gjorche Petrov | 6 | 400 |
|   | **Total**: | **21** | **1600** |

1. **REPORTING REQUIREMENTS**

The Contractor shall be responsible for delivering the following deliverables:

1. Engineering review report on the Main design for extension of “Aleksandar Makedonski”- Aerodrom
2. Engineering review report on the Main design for extension of “Dimo Hadzi Dimov” - Karpos
3. Engineering review report on the Main design for extension of “Panajot Ginovski - Butel
4. Engineering review report on the Main design for extension of “Njegos” – Jurumleri – Gazi Baba
5. Engineering review report on the Main design for extension of “Strasho Pindzur”- Gjorche Petrov

Submission requirements are as follows:

The engineering review report should be provided to MoES/PEIP no later than 15 days after receiving the final version of the main design in Macedonian language in:

* + 4 (four) original copies of the design documents, and
	+ 2 (two) electronic copies on usb of the overall technical documentation authorized with electronic signatures.
1. **QUALIFICATION REQUIREMENTS**

**General requirements (30 pts):**

* Valid License B or A for review of technical documentation as per national regulations (required for each member in case of joint venture)
* At least 5 years of experience in review of main designs of public buildings, preferably education/social infrastructure buildings

**Specific requirements (70 pts):**

* At least three (3) similar assignments completed over the past five (5) years. Similar nature and scope of the assignments are those that have similar activities and objectives (e.g. review of main designs for construction/adaptation/extension of education/social care buildings)

The Consultant that shall be evaluated as best qualified in the first phase (shortlisting phase) shall be asked to submit a combined technical-financial proposal which shall include key experts with strong knowledge and experience as per the below requirements:

|  |  |
| --- | --- |
| **Key staff position** | **Minimum requirements** |
| **Reviewer / Civil Engineering** | * Authorization B for review of technical documentation- civil engineering
 |
| * Minimum university degree in Civil/Construction Engineering
 |
| * Minimum 5 years of professional experience in review of design documentation preferably social infrastructure projects-schools
 |
| * Minimum 3 (three) completed projects of similar nature to this project
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| **Reviewer/ Architect** | * Authorization B for review of technical documentation- architecture
 |
| * Minimum university degree in Architecture
 |
| * Minimum 5 years of professional experience in review of Architectural documentation preferably in social infrastructure designs-schools
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| * Minimum 3 (three) projects of comparable nature and degree of complexity to this project
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| **Reviewer/ Mechanical Engineer** | * Authorization B for review of technical documentation- mechanical installations
 |
| * Minimum university degree in Mechanical Engineering
 |
| * Minimum 5 years of professional experience in review of social infrastructure designs-schools
 |
| * Minimum 3 (three) projects of comparable nature and degree of complexity to this project
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| **Reviewer/ Electrical Engineer** | * Authorization B for review of technical documentation- electrical installations
 |
| * Minimum university degree in Electrical Engineering
 |
| * Minimum 5 years of professional experience in review of social infrastructure designs-schools
 |
| * Minimum 3 (three) projects of comparable nature and degree of complexity to this project
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1. **CONTRACT ARRANGEMENTS**

The expected duration of this contract is 27 February 2026. The expected start of services is May/June 2025. The Consultant is expected to work closely and in parallel with the design consultants. The contract will be lump sum. Payment shall be based on deliverables, acceptable by the Client.

1. **INTELLECTUAL PROPERTY**

The Ministry of Education and Science shall, solely and exclusively, own all rights in and to any work created in connection with this assignment/contract, including all data, documents, information, copyrights, patents, trademarks, trade secrets, or other proprietary rights in and to the work. The consultant is not allowed to post or publish (electronically or in print) any project-related information without the explicit permission of the Ministry of Education and Science.