

Appendix 2
of Operational Manual for
“Education Improvement” Project
With Additional Financing

PROJECT PROCUREMENT STRATEGY FOR DEVELOPMENT

1. Project Overview

Country:	Armenia
Full Project Name:	Additional Financing of “Education Improvement Project”
Total Finance (\$):	USD 31.25 mln. including USD 25.0 mln WB financing and USD 6.25 mln co-financing
Project Number:	P173318

i. Project Description

The project aims to raise the quality of general and higher education in Armenia through (i) improvement of pre-school education creating prerequisites for its development, (ii) improvement of school premises and other technical conditions of the academic process, (iii) provision of laboratory property and equipment to general education schools and (iv) supporting Higher Educational Institutions in Armenia ensuring the quality and relevance of education. The Project will be the continuation of Education Improvement Project which completion date is April 30, 2022.

The Project will continue to support the Government reforms in education sector. In particular, the Project will: (i) continue providing grants to pre-school institutions involving more vulnerable communities in pre-school projects, (ii) support improvement of high school network and infrastructure, and its successful operation; (iii) assist in improving general education through providing schools with education resources and laboratory equipment, (iv) support higher education reforms by continuing the CIF.

The Project is composed of the following three Components:

Component 1: Enhancing the Quality of General Education

Subcomponent 1.1 – Promoting School Readiness and equal opportunities at the start of General Education.

The component will support the opening of new low-cost preschool services for children, which will be accessible for the poorest communities and will facilitate increasing child enrollment in preschool institutions.

The Government places a special attention to the issue of readiness of 4 to 6 year old children to primary school, thus ensuring equal start opportunities for all children, their easy adaptation to school environment and smooth academic progress in later years, as well as establishing good basis for future development of their personal and social skills. Improvement of the quality and accessibility of the preschool education services and increase of enrollment was planned to be achieved through both the enhancement of preschool institutions' capacities and introduction of alternative low-cost pre-school education services.

In the framework of EIP 136 micro-projects were implemented but still demand remains high for the preschool micro-projects and further expansion of preschool access.

Activities in the frames of EIP with AF in line with the priorities of RA Government Program 2021-2026 would scale-up the co-financing of community-driven micro-projects for the establishment of 80 preschools in disadvantaged areas of RoA.

The main activities related to this sub-component are:

- Undertaking a study to determine the target communities for project implementation as well as conduct need assessment for identifying communities that be unable to provide co-financing and thus would require full financing;
- Conduct dissemination activities for community leaders, parents, and communities at large about preschool opportunities for children, including children with disabilities, and their benefits to start up these services in the community and associated grant procedures for micro-projects. Communications activities with education community stakeholders related to civil works would include information and engagement about the environment and climate change preparation and mitigation;
- Organizing evaluation and selection of micro-projects;
- Providing grants for the implementation of the micro-projects (co-financing of 75 percent);
Conducting training of teachers and principals assigned to the new preschools.

- Providing technical assistance for the implementation of the micro-projects ensuring that facilities are accessible and inclusive, ensuring the safe physical conditions of the buildings, the refurbishment of classrooms, and the purchase of equipment that privileges energy efficient devices and appliance;
- Conducting monitoring and evaluation of the micro-projects.

The micro-projects will be implemented in all regions of Armenia, both in urban and rural communities.

Subcomponent 1.2. Enrichment of Upper Secondary Schools

- This subcomponent under the EIP was focused on rehabilitation of targeted upper secondary schools, the provision of adequate teaching and learning equipment, and the provision of other complementary resources to all upper secondary schools in the country. A total of 13 schools out of the initially planned 17 have been rehabilitated in the frames of subcomponent. 107 high schools have been equipped with laboratory equipment and furniture for STEM subjects;
- Under the provided AF refurbishment of four upper secondary schools will be conducted in line with the priorities of RA Government Program 2021-2026.

The main activities related to this sub-component are:

- Feasibility study for each of the schools, including experts' assessments of their seismic conditions and climate risks,
- Revising of the design of the rehabilitation, which prioritize energy-efficient, waste-reducing, water, sanitation, and hygiene facilities design and construction methods, accessibility and inclusiveness (gender and disability) as well as risk-informed climate-resilient rehabilitation;
- Rehabilitation and refurbishment of facilities;
- Ensuring appropriate author-technical control over the rehabilitation work;
- Providing furniture and equipment for classrooms, canteens, and sports facilities;
- Developing training modules and adopting manuals on school maintenance (including operation and maintenance of clean technologies), contributing to the long-term climate-resilience, climate mitigation, and sustainability of investments in infrastructure.

- Monitoring and evaluation of the subcomponent activities.

The rehabilitation of schools would consider climate risks to support adaptation. Activity revisions would include adding operation and maintenance of clean technologies to principal training on school maintenance, and inclusion of energy savings solutions to rehabilitation designs. In the frames of collaboration with the United Nations Development Program (UNDP), the technical designs for upper secondary school rehabilitation will be revised and energy efficient equipment will be provided with UNDP co-financing. The share of the investment will be not more than 20% of the total value of the energy efficient measures included in the developed design documents.

Subcomponent 1.3 Improving data-collection and monitoring of the education system performance

Activities supported by EIP provided the foundation -- strengthening of NACET, development of an ICT strategy, and data infrastructure such as data collection and integration, and system interoperability -- needed for monitoring of the system. A total of 585 schools have been provided with computer equipment, 4475 teachers and administrative staff have been trained in ICT usage, and the office of the National Center of Educational Technologies has been renovated and equipped to adequately function as a data processing center in the frames of EIP. With AF this sub-component would continue to aim at improving the MoESCS's capacity to monitor the performance of Armenian schools in collaboration with the National Center of Education Technology (NACET).

New activities with AF would include identifying and piloting data visualization tools and features to be added to the Education Management and Information System (EMIS) to strengthen its usability and improve key education outcomes.

Main activities of this subcomponent are as follows:

- Carry out an identification study to determine possible features that should be added to the current EMIS to strengthen the use of data to improve previously identified key education outcomes;
- Conduct the development of the selected feature(s), that is, data visualization tools to produce interpretable and relevant information for a wide range of users, and the validation of the feature(s);
- Conduct piloting, monitoring, and evaluation of the selected feature(s);

- Conduct the purchase of hardware to operate the feature(s) in an integrated fashion, if needed;
- Conduct training for users in schools and institutions on the use of data analytics.; include training on the use of added feature(s) for improved management, teaching, and learning processes for school principals, teachers, and Ministry staff.

Subcomponent 1.5 Equipping General Secondary Schools (Laboratory Equipment and Furniture)

Upgrading and re-equipment of schools is currently one of the priorities of education. Most of schools lack science laboratories, and the existing ones no longer meet the requirements of modern education. To this end, the priority is to establish science and engineering laboratories in schools, equipped with modern equipment and necessary furniture. Activities originally carried out under Subcomponent 1.2 focused on 107 Upper Secondary Schools, which have already been equipped with necessary laboratory equipment and furniture for natural science subjects (335 laboratories in total).

This new subcomponent (modeled after subcomponent 1.2) would aim to improve the teaching and learning conditions of general education schools by providing science laboratory equipment, furniture, and materials to approximately 200 general education schools.

The main activities related to this sub-component are:

- Carrying out an identification study, including the definition of criteria to determine which schools would be selected to receive support
- Conducting a needs assessment in each school to determine which schools lack basic infrastructure (water supply and sanitation) and put adequate mechanisms in place to ensure local governments supply these schools with basic infrastructure prior to receiving equipment and furniture;
- Provision of STEM laboratory equipment, prioritizing equipment of high energy efficiency standards to reduce energy consumption and GHG emissions whenever possible to the selected target schools;
- Provision of adequate furniture;
- Development and provision of teacher and principal training along with user-guides and demonstration videos on operating and maintaining (energy-efficient) laboratory equipment as well as using it along modern teaching methodologies and digital learning materials in the classrooms

**Component 2 Mainstreaming of the Competitive Innovation Fund for Higher Education
Institutions into Full implementation**

Under the EIP, CIF has supported projects that aim to make improvements in the following three cross-cutting areas: (i) labor market relevance, (ii) organizational efficiency, and (iii) equity in enrolment and other opportunities. CIF grants were given on competitive basis to implement innovation and development programs in universities, to strengthen their overall capabilities, such as teaching and learning environment, research capacity, etc. In the frames of EIP 15 universities were beneficiaries under the implemented 18 grant projects, which enabled to strengthen the capacity of implemented innovative programs.

The following main activities will be undertaken under CIF component:

- Selection of individual consultants for Evaluation of CIF Grant Proposals
- Selection of individual consultants to assist in CIF Implementation
- Selection of a firm to audit CIF Projects

Component 3: Supporting Project Management and Monitoring

The key objective of this component is to provide continuous support for the management and monitoring of project implementation activities and outcomes. This component will provide the financing and support for the effective functioning of the Center for Education Project (CEP) as the project implementing unit within the Ministry of Education, Science, Culture and Sport.

In the frames of this component is the selection of an Audit firm for the Project audit and selection of an individual consultant to conduct the project awareness campaign which will be processed under the Regulations.

ii. The Project Development Objectives (PDO) are to improve school readiness of children entering primary education, improve physical and technical conditions of high schools, availability of laboratory property and equipment in general schools, and support improved quality and relevance in higher education institutions in Armenia.

iii. Result Indicators:

Project Development Objective Indicators are:

- Improved school readiness among those entering first grade in participating communities.
- Increased number of high schools targeted by the project which meets Armenia's construction & safety standards.
- Increased number of general schools equipped with laboratory property and equipment provided by the project.
- Share of grants established under the Competitive Innovation Fund.

2. Strategic Assessment of Country, Borrower and Marketplace

a. Operational Context

- Governance Aspect

Armenia is an independent democratic republic. No particular limitations in terms of legislation are envisaged in terms of implementing the project. The effects of the pandemic which include social and economic instability and the need for the continuous preventive actions under Covid-19 are unforeseen; therefore, it might impose the risk on scheduled implementation of some items of the project.

- Economic Aspects

The consequences of the crises in 2020 — the coronavirus pandemic, the global economic crisis caused thereby and the 44-day war unleashed by Azerbaijan — caused a heavy blow to the economy of Armenia, interrupting the high pace of economic growth. The year 2020 ended with 7.4% economic decline. In spite of the existing challenges, in terms of economy, the first 6 months of 2021 are rather reassuring. In particular, 5, 0% growth of economic activity has been recorded between January and June, and in June — 8, 0%.

According to the IMF, after the recession in 2020, Armenia's economy has entered a phase of sustainable recovery, although the current challenges continue. It is expected that the improvement of epidemic situation of Covid 19, expansion of consumption, as well as the growth of public-private investment will stimulate an economic growth in 2022.

- Sustainability Aspects

In recent years, environmental policies are receiving increasing attention from Armenian policy and decision makers, recognizing that sustainable development is about a profound change of policies that drive systemic transformation of production, consumption, and behavioral patterns.

The project will introduce sustainable procurement aspects, particularly, the project pays special attention to energy saving. The Project will support energy saving powering of installed equipment; procured telecommunications equipment under the Project will be rated as energy efficient per available globally recognized standards.

- Technological Aspects

In the framework of the project it is planned to purchase science laboratory equipment, materials, accessories and furniture and computers for 200 schools.

b. Client Capability and CEP Assessment

- Experience

The Ministry of Education, Science, Culture and Sport is responsible for the implementation of the project supported by the Center for Education Project (CEP) acting as the Project Implementation Unit. CEP is a project implementation unit operating within the Ministry. It was created in 1996 and it has gained significant strength in project management through the implementation of Bank-funded education projects, including the last Education Improvement Project (EIP). The proposed project will be the continuation of Education Improvement Project. The current project is an Additional financing to the principal project-EIP. AF is largely built on the strong implementation experience of EIP. CEP will continue its activities of administering, coordinating, implementing, overseeing project information-sharing and communications, and monitoring and evaluating the proposed project activities, as well as facilitating the decision-making processes under the project. CEP will be also responsible for the procurement and financial management functions, flow of funds, budgeting, accounting, and reporting. CEP comprises a core group of experienced technical, administrative and support staff for implementation of the proposed project.

The procurement arrangements shall be governed by the Investment Project Financing (IPF) Regulations for Borrowers dated July 2016 revised November 2017, August 2018 and November 2020 (hereinafter Regulations); procurement processes will be carried out through the Systematic Tracking of Exchanges in Procurement (STEP) online platform. CEP specialists have experience in application of the Bank's procurement and project management procedures. However, for effective implementation of the project short-term consultations or trainings for CEP staff in procurement and project management may be needed during the project implementation. The "Guidelines on Preventing and Combating Fraud and Corruption in Projects Financed by IBRD Loans and IDA Credits and Grants", dated October 15, 2006 and revised in January 2011 and as of July 1, 2016 should be also applied under the Project.

- Contract management capability and capacity

CEP shall be responsible for Contract Management of the project. The project staff shall be responsible for overall management of the respective contracts, particularly for the coordination of activities under contracts, for acceptance and approval of the reports and other deliverables.

- Complaints management and dispute resolution systems

CEP shall follow the procurement related complaints procedure strictly in accordance with Regulations and applied bidding documents.

c. Market analysis

The ground for market analysis first of all becomes the similar tenders which were conducted by the CEP recently.

In the framework of the EU4Innovation Grant project the procurement of science laboratory equipment tender was conducted through Request for Bids /open, international/ method. Many firms provided interest and have submitted Bids. Taking into account the fact that the goods to be procured are similar the tender results will become also the base for calculating the cost estimate for the new tenders with high accuracy. Due to changes in the international market one of the tenders for procurement of notebooks not succeeded. The main reason for cancellation was lack of effective competition. The lack of competition

based on analyses was due to the short delivery time 30 days which was provided for delivery of goods. Taking into account the current situation in high technologies and overall market it was decided to provide more time at least 90-120 days for delivery of goods by this way creating more safe conditions for the suppliers which in turn will increase interest in participation and therefore competition.

Also by the EU4Innovation Grant project it was conducted the procurement of computer equipment tender. The tender was successful and four Bids have been received which provide an insight and opportunity to assess real market condition for the procured equipment.

Based on the market analysis we came to the conclusion that today's market for laboratory and computer equipment is not stable and very volatile which creates additional risks. Taking into account that huge part of the requested goods is not produced in the local market and will be imported there are no options other than to make steps to reduce the risks which arise due to transportation issues and delivery of goods. If there is no changes in the world in regard to restrictions raised due to Covid-19 and transportation issues the main step which will reduce the risk is to provide safe time for delivery of goods.

Regarding the tenders for rehabilitation of high schools the CEP has build database of firms participated in the tenders in the field of rehabilitation works based on the conducted tenders which were envisaged in the Education Improvement Project /EIP/. Total 13 high schools were rehabilitated and the contractors are local firms. During contracts implementation there were many amendments to the contracts: extension of completion deadline, changes in volumes and additional works, increase and decrease of contract total amount. The main cause for extension of contract duration was due to the restrictions and issues related to the idle of Covid-19. Changes in volumes as well as need for additional works have impact on change of contract amount. The need for changes has arise during rehabilitation works and the need for appropriate changes were approved by the design company conducting author's supervision in coordination with the organization carrying out the technical supervision.

The results gained during the previous experience of the CEP for the similar tenders mainly for the rehabilitation of schools, procurement of laboratory and computer equipment which were implemented during the EIP and EU4Innovation projects and the existing database available to the CEP for the other activities are taken into consideration. First of all there were no bids submitted for Rehabilitation of 7 High Schools tender from the international firms although the tender was conducted through International Competitive

Bidding /RFB per Regulations/ method and the total cost estimate for the tender with 7 lots was USD 12.9 men. So, there is big uncertainty if there is a meaning to conduct the tender for Rehabilitation of 4 High Schools through RFB /open, international/ having the previous result plus having new issues due to Covid-19 restrictions. If in case of procurement of goods providing more time for delivery of goods somehow lessens the risks and increase the participation in case of works it is less effective as the Project duration is short compare to the duration need for rehabilitation works of schools.

For the calculation of the cost estimate for the “Technical Supervision of 4 High Schools rehabilitation works” activity the scale for calculation of technical supervision works approved by the Urban Development Committee of RA was used.

Currently it is not possible to make predictions and impacts of ongoing military conflict in the region on the supply chain.

A firm will be selected through QCBS method for Revision of Architectural, Technical Designs and Author’s supervision of 4 High Schools.

The Procurement arrangements are developed based on the previous experience and taking into account the current risks of the relevant markets. Based on the previous tenders we can conclude that there are firms interested in the tenders for supply of furniture as well but the pace of economic and political changes in the World creates more and more uncertainty for local and international firms which have to be taken into account during implementation of the project.

3. Procurement Risk Analysis

The overall implementation risk for the proposed Project is Moderate.

The major procurement risks are:

Risk Description	A	B	Overall Risk Rating (A*B)	Description of proposed mitigation through the procurement process	Risk owner
	Likelihood Rating	Impact Rating			

Delays and lack of capacity in preparing technical specifications for goods to be procured.	1	2	2	Selection of experts to support in preparation of technical specifications.	CEP
Unpredictability of COVID 19 pandemic may cause disruption of works and supply chains which can have an impact on delivery of goods as well as the process of the rehabilitation works.	3	4	12	Provide flexible and ongoing suitable solutions to the occurring issues.	MoESCS, CEP

4. Stakeholder Analysis

Based on stakeholder analysis the Project will directly or indirectly involve the main stakeholders, which are stated below:

Stakeholder Management Plan			
Stakeholder (Name and Role)	Interest (Responsible, Accountable, Consulted, Informed)	Stakeholder Objectives from the Procurement	Stakeholder Management Approach
MoESCS	Consulted, Informed		Information meetings, Outreach via email, phone; Inclusion as respondents in project surveys, ,
NCEDI (National	Informed	The perception of the	Information meetings,

Center for Education Development and Innovation)		project will be benefit for their activities on improving the general education in schools.	Focus group discussions Surveys, training programs, Demand assessment studies prior to network deployment,
NACET (National Centre of Educational Technologies)	Consulted, Informed	Interest to be to monitor and project/procurement development to be able to report.	Information meetings, Periodic consultations for demand assessment, Periodic project consultations, Project related surveys, Trainings ,
Educational Institutions, Schools, Universities	Consulted	Interest to be to monitor project/procurement development to be able to report, get involved in organizing training during project activities at their locations and using their human resources	, Training programs financed by the project, surveys, focus groups and interviews
Teachers	Consulted	Receive skill development training	Training programs, information meetings, presentations, workshops
Other interested parties	Informed	Opportunities of employment, business opportunities subcontracting ON contractors	Information meeting, presentation

Throughout implementation of the project feedback and regular consultations between the stakeholders will be ensured. Stakeholder management approach will cover information meetings also in virtual format, outreach via email, phone, and inclusion as respondents in project surveys, training programs financed by the project, surveys, focus groups and interviews, assessment studies etc.

5. Procurement Objectives

The main procurement objective of the project is to ensure the fit for purpose procurement by defining the proper procurement arrangements in compliance with the Regulations for the Rehabilitation of High Schools and those equipping with laboratory equipment, computers and furniture as well as selection of the consulting firm for conducting audit in a timely manner, adequate quality and at competitive market prices.

6. Recommended Procurement Arrangements for the Project

The envisaged procurement/selection activities will be implemented following the provisions of “Procurement regulations for IPF Borrowers” (“Regulations”), (July 2016, revised November 2017, August 2018 and November 2020).

The following selection methods for Consulting Services will be used:

(i) Selection of the Individual consultants

Sample Contract for Small Assignments Lump-Sum and Time-based Payments (IBRD/IDA financed dated August 2014) will be used, which will be adjusted for the Bank’s principles and requirements of the applicable Regulations accordingly.

(ii) Consultant’s qualifications-based selection

The technical and financial proposals under the named selection the SRF dated April, 2021, will be used, with appropriate adjustments.

(iii) Least-cost-based Selection

Standard Procurement Document Request for Proposals Consulting Services /For Consulting Services other than for Supervision/ revised on April, 2021 will be used.

The following methods for procurement of Goods will be used:

- (iv) **Procurement of Goods - the Request for Bids method /market approach: open, national/**
Standard Procurement Document dated June, 2021 adopted for ArmEPS will be used, which will be adjusted accordingly.
- (v) **Procurement of Goods - the Request for Bids method /market approach: open, international/**
Standard Procurement Document Request for Bids: Goods (One-Envelope Bidding Process) revised on June, 2021 will be used. After completion of needs assessment based on the actual needs and steps to achieve the goals appropriate document(s) to be used for procurement of IS will be specified.

The following methods for procurement of Works will be used:

- (vi) **Procurement of Works - the Request for Bids method /market approach: open, national/**
Standard Procurement Document dated January, 2021 adopted for ArmEPS will be used, which will be adjusted accordingly.

For organization of bidding processes under RFB **/market approach: open, national/** CEP will use ARMEPS system through which will be conducted the advertisement of processes, obtaining and opening of bids.

The project is subject to using of the Systematic tracking exchange in procurement (STEP). The PP agreed with the Bank will be uploaded into the STEP.

The advance contracting is also envisaged in the frame of the Project.

For activities listed below the Borrower/CEP will proceed with the procurement process before signing the Legal Agreement. To being eligible for Bank IPF the CEP shall ensure that the procurement procedures, including advertising are consistent with sections 1-3 of the Regulations. The Borrower/CEP will undertake such advance procurement at its own risk and any concurrence by the Bank on the procedures, documentation or proposal for award of contract does not commit the Bank to finance the project in question.

Advance Contracting will be applicable to the following activities, although the list may be changed based on current needs/situation:

- Revision of Architectural, Technical Designs and Author's supervision of 4 High Schools
/Line 1.2.3/

- Engineer Consultant /Line 1.1.1/
- Needs assessment, technical assistance to update EMIS and visualization tools /Line 1.3.1/
- TA for development of technical specifications for procurement of laboratory equipment and technical evaluation /Line 1.5.4/
- Evaluation of CIF Grant Proposals /Line 2.1/
- Project awareness campaign /Line 3.2/
- Safeguard specialist in the Project /Line 3.3/

The following items will be procured under this Project:

1. Activity description (i) rehabilitation of 4 high schools (ii) technical supervision (iii) Revision of Architectural and Technical Designs and Author's supervision of 4 high schools (iv) Procurement of laboratory, computer equipment and furniture for schools (v) selection of an audit firm to conduct project financial audit, etc. (vi) selection of individual consultants for conducting needs assessment and technical assistance for updating EMIS and visualization tools. Procurement details and arrangements are prescribed in the procurement plan below.

2. Activity category: Works, Goods, Consultancy Services – Firms and Individuals.

Preferred Arrangement for High Value Activities

The recommended procurement arrangements for each activity of the project are presented below.

Activity	Category	Est. Cost /USD/	Competition Arrangement	Selection Method	Form of Contract
Procurement of science laboratory equipment, materials for schools in North marzes of RA	Goods	4 000 000	Open, international	RFB	Fix price
Procurement of science laboratory equipment, materials for schools in South marzes of RA	Goods	3 885 000	Open, international	RFB	Fix price
Rehabilitation of Vanadzor N 13 High School in Lori marz	Works	USD 3 360 000 /subject to revision after completion of revision of Architectural and Technical design/	Open, National	RFB	It is envisaged 30 months for rehabilitation works which is very close to the project duration period 36 months. Admeasurement contract with price adjustment
Construction of Yerevan N 139 High School	Works	4 500 000 /subject to revision after completion		RFB	It is envisaged 32 months for rehabilitation works which is very close to the project duration period 36 months. Admeasurement contract with price adjustment

		of revision of Architectur al and Technical design/			
Rehabilitation of Artashat N4 High School in Ararat marz	Works	2 040 000 /subject to revision after completion of revision of Architectur al and Technical design/	Open, national	RFB	Admeasurement contract with price adjustment
Rehabilitation of Ashtarak N5 High School in Aragatsotn marz	Works	2 800 000 /subject to revision after completion of revision of Architectur al and Technical design/	Open, national	RFB	Admeasurement contract with price adjustment

Preferred arrangement for low value, low risk activities

Activity	Category	Estimated cost (the berackdo wn of cost estimatio ns will be provided	Procurement arrangement	Form of C

		to the Bank during the activity implementation, along with the TOR for each activity.		
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Procurement of laboratory furniture for schools in North region of RA	Goods	800 000	Request for Bids /open, national/	Fix pr
Procurement of laboratory furniture for schools in South region of RA	Goods	700 000	Request for Bids /open, national/	Fix pr
Procurement of computer equipment for schools in North region of RA	Goods	800 000	Request for Bids /open, international/	Fix pr
Procurement of computer equipment for schools in South region of RA	Goods	700 000	Request for Bids /open, international/	Fix pr
Procurement of furniture for rehabilitated schools	Goods	500 000	Request for Bids /open, national/	Fix pr
Technical Supervision of 4 High Schools rehabilitation works	Consultancy Services	172 000	Consultant's qualifications-based selection	Time b
Training of teachers in the use of laboratory equipment	Consultancy Services	60 000	Selection of Individual Consultants	Lump-S
Revision of Architectural and Technical Design and author supervision of 4 schools	Consultancy Services	160 000	Consultant's Quality and Cost-based Selection	Time based+I
Engineer Consultant	Consultancy Services	11 200	Selection of Individual Consultant	Lump-S
Training of pre-school teachers	Consultancy Services	20 000	Consultant's qualifications-based selection	Time-b
Survey on early development index	Consultancy Services	20 000	Selection of Individual Consultants	Lump-S
Safeguard specialist in the Project	Consultancy Services	30 000	Selection of Individual Consultant	Lump-S
TA for development of technical specifications for procurement of laboratory equipment and technical	Consultancy Services	15 000	Selection of Individual Consultants	Lump-S

evaluation				
Needs assessment, technical assistance to update EMIS and visualization tools	Consultancy Services	20 000	Selection of Individual Consultants	Lump-S
Pilotting, Monitoring, Evaluation of EMIS new tools	Consultancy Services	20 000	Selection of Individual Consultants	Lump-S
Development of training modules and conducting training of MoESCS staff, users from schools and institutions	Consultancy Services	200 000	Consultant's qualifications-based selection	Time-b
Evaluation of CIF Grant Proposals	Consultancy Services	25 000	Selection of Individual Consultants	Lump-S
Assistance to CIF Implementation	Consultancy Services	20 000	Selection of Individual Consultants	Time-ba
Project awareness campaign	Consultancy Services	20 000	Selection of Individual Consultant	Lump-S
CIF Projects Audit	Consultancy Services	50 000	Least-cost-based Selection /national/	Lump-sum
Project Audit	Consultancy Services	60 000	Least-cost-based Selection /national/	Lump-S

PROCUREMENT PLAN

Package/ Contract Ref. No.	Activity Description	Estimated Cost (USD) /with co- financing/	Type of Procurement	Selection Method	Contract Signing Date (Planned)*	Contract Completion Date (planned)
1	2	3	4	5	6	7
Component 1: Enhancing the Quality of General Education						
<i>Sub-component 1.1. Promoting School Readiness and equal opportunities at the start of General Education</i>						
1.1.1	Engineer Consultant	11 200	Consultancy Services	IC /open/	June, 2022	30 months
1.1.2	Training of pre- school teachers	20 000	Consultancy Services	CQS /open, national/	July, 2023	4 months
1.1.3	Survey on early development index	20 000	Consultancy Services	IC multiple /open/	September, 2023	8 months
<i>Sub-component 1.2. Enrichment of Upper Secondary Schools</i>						
1.2.1.1	Construction of Yerevan N 139 High School	4 500 000	Works	Request for Bids /open, national/	ASAP	32 months
1.2.1.2	Rehabilitation of Vanadzor N 13 High School in Lori marz	3 360 000	Works	Request for Bids /open, national/	ASAP	30 months
1.2.1.3	Rehabilitation of Artashat N4 High School in Ararat marz	2 040 000	Works	Request for Bids /open, national/	ASAP	20 months
1.2.1.4	Rehabilitation of Ashtarak N5 High School in Aragatsotn marz	2 800 000	Works	Request for Bids /open, national/	ASAP	24 months

1.2.2	Technical Supervision of 4 High Schools rehabilitation works	172 000	Consultancy Services	CQS /open, national/	2022	32 months
1.2.3	Revision of Architectural, Technical Designs and Author's supervision of 4 High Schools	160 000	Consultancy Services	QCBS /open, national/	ASAP	4 months 32 months
1.2.4	Procurement of furniture for rehabilitated schools /based on needs assessment/	500 000	Goods	Request for Bids /open, national/	June, 2024	5 months

Sub-component 1.3. Improving data collection and monitoring of the education system's performance

1.3.1	Needs assessment, technical assistance to update EMIS and visualization tools	20 000	Consultancy Services	IC multiple /open/	ASAP	5 months
1.3.2	Piloting, Monitoring, Evaluation of EMIS new tools	20 000	Consultancy Services	IC multiple /open/	November, 2023	12 months
1.3.3	Development of training modules and conducting training of MoESCS staff, users from schools and institutions	200 000	Consultancy Services	CQS /open, national/	November, 2024	12 months

Sub-component 1.5. Equipping General Education Schools

1.5.1.1	Procurement of science laboratory equipment, materials for schools in North marzes of RA	4 000 000	Goods	Request for Bids /international/	April, 2023	6 months
1.5.1.2	Procurement of science laboratory equipment, materials for schools in South marzes of RA	3 885 000	Goods	Request for Bids /international/	April, 2024	6 months
1.5.2.1	Procurement of laboratory furniture for schools in North region of RA	800 000	Goods	Request for Bids /open, national/	April, 2023	5 months
1.5.2.2	Procurement of laboratory furniture for schools in South region of RA	700 000	Goods	Request for Bids /open, national/	April, 2024	5 months
1.5.3.1	Procurement of computer equipment for schools in North region of RA	800 000	Goods	Request for Bids /open, international/	April, 2023	6 months
1.5.3.2	Procurement of computer equipment for schools in South region of RA	700 000	Goods	Request for Bids /open, international/	April, 2024	6 months
1.5.4	TA for development of technical specifications for procurement of laboratory equipment and technical evaluation	15 000	Consultancy Services	IC /open/ multiple	September, 2022	24 months
1.5.5	Training of teachers	60 000	Consultancy	IC	September,	16 months

	in the use of laboratory equipment		Services	multiple /open/	2023	
<u>Component 2. Mainstreaming of the Competitive Innovation Fund (CIF) for Higher Education Institutions (HEI) into full implementation</u>						
2.1	Evaluation of CIF Grant Proposals	25 000	Consultancy Services	IC /open/ multiple	October, 2022	2 months
2.2	Assistance to CIF Implementation	20 000	Consultancy Services	IC /open/ multiple	February, 2023	24 months
2.3	CIF Projects' Audit	50 000	Consultancy Services	Least-cost-based Selection /national/	February, 2025	6 months
<u>Component 3: Supporting Project Management and Monitoring</u>						
3.1	Project audit	60 000	Consultancy Services	Least-cost-based Selection /national/	November, 2023	28 months
3.2	Project awareness campaign ¹	20 000	Consultancy Services	IC /open/	May, 2022	36 months
3.3	Safeguard specialist in the Project ¹	30 000	Consultancy Services	IC /open/	May, 2022	42 months
<u>Component 4: Contingent Emergency Response Component (CERC)</u>						

**subject to changes as possible date of effectiveness or the start of the of the Project is not clear yet*

¹there are specialists in the EIP /selected through IC method/ for the specified positions, so in case if the ongoing project will be extended to AF EIP without suspension the CEP is going to continue/extend the contracts with the experts.