# ANNEX B: TERMS OF REFERENCE

**FOR**

**Rehabilitation of the WASH facilities in the “Taras Shevcenko” educational institution**

# BACKGROUND

* + 1. UNICEF Moldova supports the Moldovan authorities in strengthening the capacities to provide WASH services in schools and improve early Intervention systems and services for children from Moldova and refugee children from Ukraine.
    2. To that aim, UNICEF Moldova will rehabilitate and reconstruct climate-resilient, energy-efficient and environment-friendly WASH infrastructure in educational institutions, as detailed in a Scope of the Work below.
    3. This Project is expected to benefit more than 300 children by providing access to safe water and sanitation services annually, which is a fundamental right that safeguards health and human dignity.
    4. These Terms of Reference aim to guide a bidding exercise to identify suitable construction companies for procuring construction and repair services required by ToR and attached BoQs.

# DEFINITION

* 1. **Rehabilitation of the WASH facilities** refers to the demolition & reconstruction work within the existing building, mentioned below as generic items. They will vary based on the specific needs of each building. The range of works will include the demolition of the existing facilities (separation walls, the dismantling of the old tiles and plaster, removing of the wooden moulding elements, the dismantling of the sanitary equipment and elements, e.g., sinks, toilet seats)
  2. **Reconstruction of the WASH facilities** is the process of equipping and performing renovation works of the existing spaces and includes the following areas: electricity, ventilation, water and sanitation plumbing, indoor renovation and repairs. The spectrum of works would include installation of the electric cables for lighting and sockets, plastering of the and preparatory works for tiles, floor coverage with the recommended waterproof materials, installation of the tiles on the walls and floors, installation of the sanitary equipment( sinks/washing basins, toilet seats, soap dispensers, toilet paper dispensers, mirrors, hand dryers, faucets with all the required pipes and fittings, installation of separators/partitions/ cubicles, installation of doors, etc.

The works should be planned according to the WASH in schools Sanitary Norms and UNICEF best practices. After the work completion, WASH facilities must be fully functional.

# SCOPE OF WORK

* 1. **Objective:** The objective of these Terms of Reference is to guide a bidding exercise to identify suitable Contractors to execute the Works described below within the agreed quality, budget and timeline. The general aim of the Project is to improve the WASH facilities and services, contributing to improved access to quality education in the schools listed below.
  2. **Nature of works and location:** This Project includes rehabilitation of the WASH facilities in the educational institution: Taras Sevcenko Gimnazium, located in the Chisinau city. Specifically, the intervention will be carried out in 7 (seven) sanitary groups located on 1st, 3rd and 4th floors of the institution, involving such works like:

Demolition and Construction: Involves physical removal of old installations and construction of new structures;

Plumbing: Involves the installation and connection of water and waste systems;

Electrical: Involves wiring, installation of electrical fixtures, and ensuring safe power supply;

Heating: Involves the improvement of the existing heating system to ensure adequate heating;

Ventilation: Involves the improvement of system to ensure proper airflow and reduce humidity in the sanitary groups;

Finishing: Includes application of tiles, painting, and installation of final fixtures;

Accessibility Improvements: Ensures the facilities are usable by all, including persons with disabilities;

Sustainability: Focuses on efficient use of resources and connecting to sustainable sources of energy and water.

* 1. **General specifications**: The Works will be carried out in accordance with the Bill of Quantities and specifications provided under Annex E: Technical Documents and in accordance with all construction standards and Sanitary Norms for educational institutions applicable in the Republic of Moldova.
  2. **Site visit**: Potential Bidders shall visit the site they are interested in prior to submitting their offers to get familiar with site conditions that may affect their Proposals. Potential Bidders are expected to make their own arrangements to visit the site and on their own expense. UNICEF shall accept no excuse or claim whatever from the Selected Contractor for not knowing or being able to properly evaluate the site condition and assess the equipment, local material, local labour, etc. requirements for the Works to be carried out. Questions should be submitted in writing to UNICEF in accordance with instruction provided under the RFP.
  3. **Greening and accessibility**: All construction and rehabilitation works implemented directly or indirectly by UNICEF shall be in line with the Organization’s commitments towards Accessible Buildings and achieving Climate Neutrality by 2020, as per [PROCEDURE/DFAM/2020/001](https://unicef.sharepoint.com/sites/portals/RF/Regulatory%20Framework%20Library/UNICEF%20Procedure%20on%20Eco-Efficiency%20and%20Inclusive%20Access.pdf?csf=1&cid=d9455b05-332c-45b5-9687-18b3cf3dfda7) on Eco-efficiency and Inclusive Access in UNICEF Premises and Operations, [CF/EXD/2017-004](https://unicef.sharepoint.com/sites/portals/RF/Regulatory%20Framework%20Library/Executive%20Directive%20-%20Accessibility%20in%20UNICEF's%20Programme-related%20Construction%20Activities.pdf) on Accessibility in UNICEF’s Programme-Relegated Construction, and Decision Memo: UNICEF Climate Neutral Strategy, 26 May 2015.

# EXPECTED DELIVERABLES AND TIMEFRAME

* 1. The timely completion of these construction Works is of utmost importance for UNICEF.
  2. The Intended Substantial Completion Date should be no later than **one (1**) calendar month from the **Start Date**. Upon UNICEF’s acceptance of Works at Substantial Completion, the Certificate of Substantial Completion will be issued.
  3. The Defects Liability Period is six (6) calendar months counted as from the issuance date of the Certificate of Substantial Completion.
  4. UNICEF will issue one payment upon satisfactory completion of the Renovation works per each construction site/educational institution. The invoice should have attached a copy of the works report approved and signed by the Construction Company’s site Manager, School Manager and UNICEF Construction Engineer.
  5. The reports shall bear the signatures of the Construction Company’s site Manager, Local public Authority site supervisor on site and UNICEF Construction Engineer.

***Table 2: Deliverables and Timeframe***

|  |  |  |  |
| --- | --- | --- | --- |
| **Deliverable #** | **Scope of deliverable** | **Suggested payment distribution** | **Timeframe** |
| 1 | Complete renovation works as per the BoQ, final  completion and contract closure | One payment for Construction site | By the end of the second month |

# ELIGIBILITY AND QUALIFICATION

* 1. The Potential Bidder shall provide all the information and documentation requested in this section with its Proposal. Failure to submit the information below will disqualify the Potential Bidder.
  2. **Documents** to be submitted in the Technical Proposal:
  + The Potential Bidder must be registered construction company in the Republic of Moldova and have no conflict of interest to the Project. Technical Proposals shall include copies of original documents defining the constitution or legal status of the company, place of registration, and principal place of business; written power of attorney of the signatory of the Contractor to commit the Contract.
  + A statement that the company (including all members of a joint venture and Sub-Contractor) is not associated, nor has been associated in the past, directly or indirectly, with the Project Manager or any other entity that has prepared the design, specifications, and other documents for the Project or being proposed as the Project Manage for the Contract.
  + Copy of curriculum vitae (Maximum two (2) pages) of key personnel to be involved in the Project, such as Contract/Project Manager. UNICEF may verbally interview the key personnel before the commencement of the Project.
  + Reports on the financial standing of the Potential Bidder, such as profit and loss statements and auditor’s reports for the past three years.
  + Evidence of adequacy of working capital for the signed Contract (access to line(s) of credit and availability of other financial resources).
  + Proposed Project Implementation Plan of Works showing the proposed implementation methods, quality control strategy, schedule for all the activities in the Works.
  1. The Potential Bidder must provide sufficient **information** in their Proposal to demonstrate compliance with the requirements defined by UNICEF. The forms listed below contains the eligibility and minimum qualifying criteria that UNICEF will use to evaluate Proposal for the award of Contract.
     1. Information to be submitted in the Technical Proposal (ANNEX C):
  + Technical Proposal Submission (Form 1)
  + Technical Proposal Letter (Form 2)
  + Potential Bidder General Information (Form 3)
  + Potential Bidder’s Contact Details (Form 4)
  + List of Proposed Key Personnel (Form 5)
  + List of Machine and Equipment (Form 6)
  + Potential Bidder’s Financial Information/ Adequacy of Working Capital (Form 7)
  + Works in Hand and their Financial Values (Form 8)
  + Litigations (Form 9)
  + Proposed Project Implementation plan of Works (Form 10)
    1. Information to be submitted in the Financial Proposal (ANNEX D):
  + Financial Proposal Letter (Form 11)
  + Summary of Financial Proposal (Form 12)
  + Completed Bill of Quantities (Form 13)
  1. Errors in the Proposals
  + In the event of any discrepancy between the copies of the Proposals, the original shall govern. The original and each copy of the Technical and Financial Proposal shall be prepared in indelible ink and shall be signed by the authorized Contractor’s representative.
  + The Proposal shall contain no interlineations or overwriting except as necessary to correct errors made by the Bidders themselves. Any such correction shall be initialled by the person or persons signing the Proposal.

# EVALUATION PROCESS AND METHOD

* 1. Following closure of the RFP, the Proposals will be evaluated by the evaluation team in 3 steps following the Proposal Evaluation Process stated in the RFP document. The evaluation will be restricted to the contents of the Proposals and the reference checks.
  2. The technical merits of each Technical Proposal will be evaluated using the rating system in **Table 3** (below) on the basis of the Proposal Evaluation Approach stated in the RFP document.

***Table 3 Technical Evaluation Criteria***

|  |  |
| --- | --- |
| **CRITERIA** | **MAXIMUM POINTS** |
| **Technical Evaluation** | **70** |
| 1. **Capability (skills, expertise and experience) of the Potential Bidder and Key Personnel**  * Sufficient capacity and workforce per Lot and location (assessed based on the list of personnel proposed for the execution of the Works * Experience in providing similar services/ similar works (minimum 3 years), as per the list of similar nature competed in past three (3) years with reference * Experience providing related services to other international organizations or commercial entities * The number and the corresponding value of related assignments undertaken in the country | 20 |
| 1. **2. Capacity (resources and availability)** **of the Potential Bidder:**  * Financial capacity of the of the company (assessed based on the financial reports for the last 2 years) * Availability of the needed equipment to execute the works (evaluated based on the list of equipment (owned or leased).   The equipment proposed should be sufficient to achieve the timely completion of the Works, with consideration for concurrent operations where more than one site is proposed | 20 |
| 1. **3. Proposed Solution (Approach, Methodology, Schedule, Quality and time Control plan)**  * Proposed Implementation Plan showing the overall approach to be adopted in the execution of the Works * Detailed quality control plan to be used in the execution of the Works, addressing anticipated risks, handling of materials, workmanship and record keeping on site to track daily progress. * Understanding of, and responsiveness to, UNICEF requirements, social and environmental responsibility | 30 |

# PROJECT MANAGEMENT

* 1. **Project Management and Coordination**
  + UNICEF will oversee the Works and the administration of the Contract, including the certification of payments through an appointed Project Management, or any other competent person, entity or firm appointed by UNICEF and notified to the Selected Contractor, to act in replacement of the Project Manager.
  + UNICEF will supervise and inspect the Works during its execution through its Project Manager, or its representative. The Project Manager, or its representative, will provide instructions and clarify technical queries during the execution of Works in consultation with UNICEF.
  + UNICEF, through its Project Manager or its representative, will regularly check the progress of Works and notify the Selected Contractor of any defects that are found. Such checking shall not affect the Selected Contractor’s responsibilities.
  + If the Selected Contractor has not corrected a defect within the time agreed with UNICEF’s Project Manager or its representative, the Selected Contractor will be liable for Liquidated Damages.
  + Communications between parties shall be valid only when in writing. Notice shall be valid only when it is delivered.
  1. **Management Meetings**
  + Either UNICEF’s Project Manager, its representative or the Selected Contractor may require the others to attend a management meeting. The business of a management meeting shall be to review the plans for remaining Works and to deal with matters raised under the procedure for “Delays and Extension of time” set out under UNICEF Contract for rehabilitation.
  + UNICEF’s Project Manager or its representative shall record the meetings and provide copies of the record to those attending the meeting and to UNICEF, including action points and responsible for each action point.
  1. **Payment Certificates**
  + The Bill of Quantities is used to calculate the Contract Price for each Deliverable. The Selected Contractor will be paid for each deliverable accepted by UNICEF and following the price for each Deliverable agreed in the Contract.
  + UNICEF will certify acceptance of partial, substantial, and final Works through its Project Management, or its representative. No payments will be processed prior to a written certificate of its satisfactory acceptance. Payments will be issued within a period defined in the Contract and following UNICEF’s procedures.

# ANNEX C: TECHNICAL PROPOSAL FORMS

The following Annexes and information there within are considered an integral part of this submission and must be provided for the Proposal to be considered. The information should be provided according to the sample format.

**Form 1: Technical Proposal Submission**

This PROPOSAL FORM must be completed, signed and returned to UNICEF. Proposal must be made in accordance with the instructions contained in this Request for Proposal.

**INFORMATION**

Any request for information concerning this invitation must be forwarded in writing by email or by fax, to the person who prepared this document, with specific reference to the RFP number.

**DECLARATION**

The undersigned, having read the Terms of Reference, the UNICEF Contract for Construction Works, the UNICEF General Terms and Conditions, and **RFP LRPS-2024-9192029** set out in the attached document, hereby offers to supply the services specified in Terms of Reference at the price or prices quoted in the Schedule of Prices, in accordance with the specifications stated and subject to the Terms and Conditions set out or specified in the **RFP LRPS-2024-9192029**

**Name of authorized representative: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Title: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Supplier Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Postal Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Telephone No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Fax No.: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Email Address: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Validity of Offer (not less than 90 days): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Currency of Offer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Form 2: Technical Proposal Letter**

Date: \_\_\_\_\_\_\_\_\_\_\_

To: UNICEF Moldova, 131, 31 August 1989, MD-2012, Chisinau, Moldova

Dear Madam/Sir,

We, the undersigned, offer to provide rehabilitation of the WASH facilities in Taras Sevcenko educational institutions as specified in Terms of Reference in accordance with your Request for Proposal (**LRPS-2024-9192029**) dated [August **2024**] and our Proposal dated [---------------]. We are hereby submitting our Proposal, which includes this Technical Proposal and a Financial Proposal sealed under separate envelopes.

If negotiations are held during the period of validity of the Proposal, we undertake to negotiate based on the proposed staff. Our Proposal is binding upon us and subject to the modifications resulting from Contract negotiations.

We understand that you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Construction Company

Address:

**Form 3: Potential Bidder General Information**

|  |  |  |
| --- | --- | --- |
| **Potential Bidder General Information** | | |
|  | | |
| **Description** | **Information** | **Remarks** |
| (to be filled by the Potential Bidder) |  |
| Company legal name |  |  |
| Company founded year |  |  |
| Registration number / Company tax number (IDNO) |  |  |
| Company license number and  expiry date  (for the required services if applicable) |  |  |
| **Legal Status** |  | Provide certified copies of Registration |
| **VAT Registration Nr.** |  |  |

**Form 4: Potential Bidder’s Contact Details,**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Name and Title of Contact Person |  |  |  |  |  |
|  |  |  |  |  |  |
| Address of Contact Person |  |  |  |  |  |
|  |  |  |  |  |  |
| Telephone/Cell number of Contact Person |  |  |  |  |  |
|  |  |  |  |  |  |
| Email of Contact Person |  |  |  |  |  |
|  |  |  |  |  |  |

### 

### Form 5: Staff Qualification and Experience

Qualifications and experience of key management and technical personnel proposed for this Project. Signed CVs (Max. two (2) pages) of all proposed key staff must accompany the submission, and it should be noted that substitution of staff during Project implementation shall be subject to the approval of UNICEF. (Key Personnel of all sub-Contractors must also be listed along with the name of the sub-Contracting Companies). A detailed organization chart of the company, including the location and staffing of existing offices must also be attached to the offer.

|  |  |  |
| --- | --- | --- |
| **Construction Management Staff** | | |
| **A. Key Professionals** | | |
| **Name** | **Position** | **Task** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| **B. Support Staff** | | |
| **Name** | **Position** | **Task** |
|  |  |  |
|  |  |  |
|  |  |  |

### 

### Form 6: List of Machine and Equipment

|  |  |  |  |
| --- | --- | --- | --- |
| **No** | **List of machine and Equipment** | **Quantity** | **Remark (rent, own, year of production, condition)** |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |
| 4 |  |  |  |
| 5 |  |  |  |
| 7 |  |  |  |
| 8 |  |  |  |

**Form 7: Potential Bidder’s Financial Information/ Adequacy of Working Capital**

IMPORTANT: Please provide attached copies of Financial Reports for the last two (2) years.

|  |  |  |  |
| --- | --- | --- | --- |
| **Adequacy of Working Capital** | | | |
| **Source of credit line** | | **Amount** | **Remarks** |
|  |  |  | *Provide documentary evidence* |
|  |  |  |
|  |  |  |
|  |  |  |
| Total | |  |  |

**Form 8: Works in hand & their Financial Value**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Works in Hand** | | | | | |
| **Employer name & contact details** | | **Description of Works/Services** | **Start date** | **End date** | **Amount** |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  | **Total:** | | |  |  |

**Form 9: Litigations**

Information on any current litigation in which the Firm(s) is involved.

|  |  |  |
| --- | --- | --- |
| **Other Party(ies)** | **Cause of Dispute** | **Amount Involved** |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

**Form 10: Proposed Project Implementation Plan**

The proposed Project Implementation Plan of Works and schedule of activities must be submitted with this Technical Proposal. The work plan and schedule should be prepared in detail to the extent possible and include time allocated to site and periodic progress review meetings and preparation of agreed progress reports.

The Potential Bidder may be asked to provide clarification or present the Proposed Plan to UNICEF as part of the Proposal evaluation process. The Selected Contractor will submit the final Project Implementation Plan for UNICEF’s approval within [fourteen (14)] calendar days of the Effective Date of the signed Contract (see 4.3). The Project Implementation Plan submitted by the Selected Contractor and accepted by UNICEF will be part of the agreement signed with the Selected Contractor. Penalties for delays will be strictly enforced as per the General Terms and Conditions.

The Proposed Implementation plan shall include:

- implementation methods;

- quality control strategy;

- schedule for all activities in a bar chart format, personnel plan in line with scheduled Deliverables and payment;

- analysis of anticipated Project risks, and their approach to mitigate and control such risks;

- proposed approach to mitigate negative social and environmental impact on local community by the Project, approach to address labor’s rights and their health and safety.

## 

# ANNEX D: FINANCIAL PROPOSAL FORMS

**Form 11: Financial Proposal Letter**

Date: \_\_\_\_\_\_\_\_\_\_\_

To: UNICEF Moldova, 131, 31 August 1989, MD-2012, Chisinau, Moldova

Dear Madam/Sir,

We, the undersigned, offer to provide the rehabilitation of the WASH facilities in the “Taras Sevcenko” educational institution as specified in Terms of Reference, Annex B and Annex-Efollowingyour Request for Proposal dated [August 2024], and our Technical Proposal.

Our attached Financial Proposal is for the sum of (---------------------------------------------------------------------------------------------------------------------------amount in figures and words). This amount is inclusive of all taxes payable under the applicable law.

Our Financial Proposal shall be binding on us subject to the modifications resulting from Contract negotiations, up to the expiration of the validity of the Proposal.

We understand that you are not bound to accept any Proposal you receive.

Yours sincerely,

Authorized Signature:

Name and Title of Signatory:

Name of Construction Company

Address:

**Form 12: Sample of Financial Proposal (from BOQ)**

**Complete the BOQs for appropriate LOT NUMBER shared in Annex-E and provide the summary below in Table (or only for applicable Lot).**

**Table-12.1: Summary of Financial Proposal for LOTs**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Lot #** | **School Name** | **Village/ town and District** | **Work Type** | **Total Value**  **(MDL)** |
| N/A | *IP Gimnaizum Taras sevcenko* | *Chisinau* | Rehabilitation of 7 sanitary groups with a total of 15 WC units and 12 Washbasins units |  |
|  |  | Total Value | (Excl VAT/ VTA cota 0) |  |

**[Add and modify table as required]**

Notes:

* UNICEF will assume that the Potential Bidder has factored in its offer all causes that may influence the prices.
* All prices are inclusive of all fees, sub-Contractor fees, documentation reproduction, legal fees, contingencies, and administrative fees, all taxes, or any other fees necessary to the Potential Bidder to achieve the Objective of the RFP.
* All amounts should be quoted in MDL Moldovan Leu
* The Selected Contractor shall be paid only upon UNICEF acceptance of the work or deliverable.
* Include the Bank, branch, and account information. Indicate names of persons operating the agency account. All payment will be done through bank transfer.

**Form 13: Completed Price Bill of Quantities (BoQ)**

**(as part of Financial Proposal)**

# ANNEX E: TECHNICAL DOCUMENTS and specifications

**General description**

The current intervention is planned for seven sanitary groups located within the Taras Sevcenko educational institution. The existing facilities are outdated, non-functional, and do not meet modern hygiene and accessibility standards.

The goal of this project is to rehabilitate and upgrade the existing WASH (Water, Sanitation, and Hygiene) facilities to ensure the compliance with modern standards and provide a safe, hygienic environment for students and staff. Additionally, two of the existing sanitary groups will be adjusted to cater to persons with reduced mobility, ensuring compliance with accessibility standards and regulations.

**Specifications of the works**

Rehabilitation works will be carried out in 7 sanitary groups, as follows: 1st floor – 1 SG for children and 1 SG for teachers; 3rd floor – 1 SG for children and 1 SG for teachers; 4th floor – 2 SG for children and 1 SG for teachers. Each sanitary group for children will be equipped with 3 WC units, 2 washbasins (sinks) and a set of mirrors, hand dryers, soap dispensers, toilet paper dispensers/holders; for teachers with 1 WC unit and 1 washbasin, and a set of mirrors, hand dryers, soap dispensers, toilet paper dispensers/holders.

In addition, two existing sanitary groups will be adjusted and equipped to cater to persons with reduced mobility, ensuring compliance with accessibility standards and regulations. The location of the adjusted sanitary groups will be decided with the school administration, before the commencement of rehabilitation works.

**Rehabilitation works will include:**

Demolition and Site Preparation**:**

Demolish and remove old, non-functional sanitary fixtures and finishes.

Walls – Demolish and remove old existing tiles and plaster.

Floors – Demolish and removal of old existing tiles, floor sublayers and concrete partitions.

Prepare the site for new construction, ensuring all debris is safely disposed of.

Construction and Finishing Works:

Construct and finish new sanitary facilities, including floors, walls, and ceilings.

Apply new flooring, including priming, applying a support layer of cement mortar, waterproofing, and installing new floor tiles for durability and hygiene. Type, dimensions and color will be additionally coordinated with beneficiary.

Apply new wall cover, including Surface preparation, priming, installation of metal mesh, plastering with cement mortar, and tiling to full height. Type, dimensions and color will be additionally coordinated with beneficiary.

Apply new ceiling cover, using suspended ceiling tiles type.

Install partitions and doors for privacy in sanitary units.

Replacement of doors (7 pcs) and windows (1 pcs).

Installation of Sanitary Fixtures:

Install new washbasins (sinks), toilets (WC), mirrors, hand dryers with INOX body, paper dispensers with INOX body, soap dispensers with INOX body.

Ensure all fixtures are securely mounted and connected to water and waste systems.

Water Supply and sewage Systems:

Upgrade or replace the existing component of the water supply system, including pipes, valves, and fittings.

Upgrade or replace the existing component of the sewage system to handle wastewater from sanitary units.

Connect all new fixtures to the existing water supply and drainage systems.

Electrical Works:

Install new electrical systems to support lighting, hand dryers, and water heaters in the sanitary units.

Ensure all electrical installations comply with safety standards and regulations.

Heating System:

Installation of new heating radiators to upgrade the existing system and ensure adequate heating in the sanitary facilities.

Connections and upgrades to the existing heating system, including new pipes, fittings, and valves, to ensure proper heating in the sanitary units.

Ventilation System:

Upgrades of the ventilation system to ensure adequate airflow and reduce humidity and odors in the sanitary units.

Ensure proper operation and maintenance of the ventilation system.

Accessibility Upgrades:

Two sanitary groups must be adjusted to be accessible to persons with reduced mobility, in compliance with national standard requirements and relevant guidelines.

Install all necessary specialized equipment including: INOX guide bars and support rails to aid mobility. The location of the adjusted sanitary groups will be decided with the school administration, before the commencement of rehabilitation works.

Use of new materials:

For execution of construction works and finishing works, only new, durable, and sustainable construction materials will be used, which must comply with the current regulatory requirements and standards. Ensure materials meet safety and environmental standards.

Before delivering the construction materials on site, the Contractor is required to submit for coordination the type of the materials, technical data sheets and quality documentation (quality certificates, certificates of conformity, technical approvals, etc.). The Contractor is responsible for supplying all materials in sufficient quantities. For imported goods, in particular, the Contractor must verify and reconfirm the necessary quantities before placing the order.

**Construction standards and norms**

The rehabilitation works are to be carried out in accordance with local legislation as well as with the norms and standards in force.

**The construction company must ensure that the rehabilitated sanitary groups in the school are accessible to persons with reduced mobility as per national standard requirements, UNICEF Technical Cards and Climate, Energy, Environment and Disaster Risk Reduction (CEED)**

Whenever reference is made in the contract to specific standards and codes that materials, installations, and other goods to be provided must comply with, as well as the works to be performed or tested, the provision of the latest editions or current revisions of the regulations and practical codes in force shall apply, unless expressly stated otherwise in the contract.

**Other Specific Considerations**

All construction aspects and equipment choices will be preliminarily coordinated with the school administration and UNICEF representatives to ensure functionality and compliance with standards.

All requirements, including but not limited to those related to the functionality of the constructed sanitary groups and the installation of equipment such as radiators, electric dryers, toilets, sinks, will be closely coordinated with the school administration and UNICEF representatives. Their input and approval will be sought to ensure that the final construction meets the needs and standards required for the project's success.

**Preliminary Requirements Before Starting Construction Works**

To ensure the quality of the construction works, before starting, the Contractor must develop and submit for approval the updated Project implementation Plan.

Top of Form

Bottom of Form

***The Construction Company is encouraged to visit the proposed sites, in order to familiarize themselves with the current conditions and prepare the most suitable offer for the proposed improvement***

**List of estimated works**

Rehabilitation of the WASH facilities within the “Taras Sevcenko” Gymnasium, Chisinau municipality

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| # | Symbol of norms & Resource code | Works description | U.M. | Qty |
|

| 1 | 2 | | 3 | | 4 | 5 |
| --- | --- | --- | --- | --- | --- | --- |
|  |  | | **1. Construction works** | |  |  |
|  |  | | **1.1. Ceiling** | |  |  |
| 1 | CK29F | | Suspended ceilings of Armstrong prefabricated panels, including the grid system (Drop ceiling, 600x600x13mm panels - the type of panels will be coordinated with the beneficiary) | | m2 | 57.30 |
|  |  | |  | |  |  |
|  |  |  | | **Total Ceiling** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | | **1.2. Walls & Sills** | |  |  |
| 2 | RpCM33A | | Removal of faience, sandstone, ceramic tiles | | m2 | 203.00 |
| 3 | RpCJ35A | | Removal of interior or exterior plastering from walls or ceilings | | m2 | 318.40 |
| 4 | RpEJ08A | | Making trenches with a depth of up to 5 cm in brick masonry walls of 5x50 cm2 | | m | 48.00 |
| 5 | RpCU07D | | Sweeping trenches in walls up to 50 cm2, after installations or reinforcements | | m | 48.00 |
| 6 | CN54A | | Manual application of ‘Betonogrunt’ quartz primer in one layer, on interior walls and ceilings | | m2 | 318.40 |
| 7 | CF02B | | Internal plasters of 2 cm thickness, rough, applied by hand, on walls or pillars, on flat surfaces with cement-lime mortar brand M 100-T for spritz, primer and visible layer, on brickwork or small concrete blocks | | m2 | 318.40 |
| 8 | CF17B | | Various works - difference in thickness, +/- 5 mm for the primer layer applied to the walls, made with mortar (K=6, gr. +3cm) | | m2 | 318.40 |
| 9 | CC03A | | Installation of welded nets at heights less than or equal to 35 m, on walls and diaphragms, with a net weight of up to 3 kg/m2 (VR 100x100x3 - 1kg/m2) | | kg | 318.40 |
| 10 | price | | Dowel with screw 6\*40mm, to fix the net | | pcs | 3184.00 |
| 11 | CF54B | | Cladding the walls with HYDRO gypsum-cardboard boards, 12.5 mm thick, mounted on the galvanized profile structure: on flat surfaces, including door and window sills (covering of pipes) | | m2 | 12.00 |
| 12 | CI06C | | Glazed, unglazed, matte or glossy faience tiles of the same color and format, applied on flat surfaces on walls and pillars, including sills and edges, with alternating joints, in rooms with an area over 10 sq.m., fixed with tile adhesive (minimum thickness of 8mm, minimum dimensions 25x50cm, the color, type and dimensions will be coordinated additionally with the beneficiary) | | m2 | 318.40 |
| 13 | CK26C | | Mounting plastic sticks to tiles (exclude from resources: screws) | | m | 160.00 |
| 14 | CL20A | | Prefabricated ventilation grids made of painted sheet metal (200x300mm) - the resources include only labor and the grid | | pcs | 15.00 |
|  |  | |  | |  |  |
|  |  |  | | **Total Walls & Sills** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | | **1.3. Flooring** | |  |  |
| 15 | RpCK42C | | Removal of cold floors made of sandstone tiles, ceramic tiles, etc | | m2 | 57.30 |
| 16 | RpCK42B | | Dismantling cold mosaic floors, in a continuous field or mosaic tiles | | m2 | 57.30 |
| 17 | RpCB18F | | Demolition of old concrete with mechanical tools, simple concrete (stand) | | m3 | 6.5 |
| 18 | CA02B2 | | Simple concrete poured in equalizations, slopes, trenches at heights up to 35 m inclusive, preparation with a concrete mixer on site and pouring with classic  means concrete class C 10/8 (Bc10/B 150) Small material (softwood cabinets)=1.01 | | m3 | 4.5 |
| 19 | CG01A | | Support layer for floors made of cement mortar M 100-T 3 cm thick with a finely smoothed surface | | m2 | 57.30 |
| 20 | CG01A1 | | Support layer for floors made of M 100-T cement mortar, 3 cm thick with a finely smoothed surface. The difference in plus or minus for each 0.5 cm of M 100-T mortar support layer, is added or subtracted (K=6, gr. +3 cm) | | m2 | 57.30 |
| 21 | IzF31B | | Waterproofing of concrete surfaces (vertical, horizontal, including ceilings) with ‘Penetron’ mixture - 2 layers: rough surface | | m2 | 79.50 |
| 22 | CN54A | | Manual application of ‘Betonogrunt’ quartz primer in one layer, to walls and floors | | m2 | 79.50 |
| 23 | CG17D1 | | Floors made of ceramic tiles including the support layer of adhesive mortar, executed on surfaces: equal to or smaller than 16 m2 (minimum thickness of 9mm, minimum dimensions 45x45cm, non-slip surface, the color, type and dimensions will be additionally coordinated with the beneficiary) | | m2 | 57.30 |
|  |  | |  | |  |  |
|  |  |  | | **Total Flooring** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | | **1.4. Carpentry** | |  |  |
| 24 | RpCO56A | | Dismantling: wooden carpentry (windows) | | m2 | 3.20 |
| 25 | CK23A | | Plastic windows with one or more sashes in buildings with heights up to 35 m inclusive, with a frame area up to 1.00 m2 inclusive | | m2 | 3.20 |
| 26 | RpCO56A | | Dismantling: wooden carpentry (doors) | | m2 | 13.23 |
| 27 | CK25A | | Doors made of plastic profiles including the fittings and accessories required for doors mounted in masonry of any kind in buildings with a height of up to 35 m inclusive, with one sash, with a frame surface of up to 7 m2 inclusive (Profile with min. 5 sections, Cylinder and hardware manufactured in Germany or similar according to strength. The dimensions of the doors will be specified on the site and the door design will be additionally coordinated with the beneficiary) | | m2 | 13.23 |
| 28 | RpCO56A | | Dismantling: PVC carpentry (toilet partition walls) | | m2 | 56.00 |
| 29 | CK27B | | Glass partitions made of plastic profiles in constructions up to 35 m high from fixed panels mounted at floor level (Partition walls for WCs made of PVC profiles and sandwich board) | | m2 | 56.00 |
|  |  | |  | |  |  |
|  |  |  | | **Total Carpentry** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | | **1.5. Heating** | |  |  |
| 30 | RpIB11A | | Removal of position radiators for dismantling (40 sections) | | m2 | 12.00 |
| 31 | IB05A | | Bimetallic radiators, radiator body having 10 elements (Distance between axes 500mm) | | pcs | 4.00 |
| 32 | price | | Set of reductions for radiator | | pcs | 4.00 |
| 33 | IB20B | | Support elements for heating units, mounted on a concrete wall | | pcs | 16.00 |
| 34 | ID01A | | Faucet with double adjustment valve (turn) for central heating installations, having the nominal diameter of 1/2" | | pcs | 4.00 |
| 35 | ID01A | | Faucet with double adjustment valve (return) for central heating installations, having a nominal diameter of 1/2" | | pcs | 4.00 |
| 36 | ID06A | | Air valve with movable key for central heating installations, having a nominal diameter of 1/2" | | pcs | 4.00 |
| 37 | IC38A | | Connection item (Dutch PPR 20x1/2"), with 2 joints, made of polypropylene joined by polyfusion with reinforced polypropylene pipe, having the outer diameter up to 20.0 mm, inclusive | | pcs | 8.00 |
| 38 | IC38A | | Connection item (Dutch PPR 20x3/4"), with 2 joints, made of polypropylene joined by polyfusion with a reinforced polypropylene pipe, having an outer diameter of up to 20.0 mm, inclusive | | pcs | 6.00 |
| 39 | IC35B | | Pipe made of high-density reinforced polyethylene or reinforced or non-reinforced polypropylene, mounted, in connection with bodies or heating devices, in central heating installations, having an outer diameter of 20.0 mm | | m | 12.00 |
| 40 | IC38A | | Connection item (fitting), with 2 joints, made of polypropylene joined by polyfusion with a pipe made of reinforced polypropylene, having an outer diameter of up to 20.0 mm, inclusive | | pcs | 16.00 |
| 41 | IC35C | | Pipe made of high-density reinforced polyethylene or reinforced or non-reinforced polypropylene, mounted, in connection with bodies or heating devices, in central heating installations, having an outer diameter of 25.0 mm | | m | 34.00 |
| 42 | IC38B | | Connection item (fitting), with 2 joints, made of polypropylene joined by polyfusion with a reinforced polypropylene pipe, having an outer diameter of 25.0 mm | | pcs | 30.00 |
| 43 | IC38H | | Connection item (fitting), with 3 joints, made of polypropylene joined by polyfusion with a pipe made of reinforced polypropylene, having an outer diameter of 25.0 mm | | pcs | 12.00 |
| 44 | ID04A | | Passing or retaining valve with plugs for central heating installations, having a nominal diameter of 3/4" | | pcs | 3.00 |
| 45 | IC40B | | Collar with rubber gasket for fixing steel pipes for central heating or gas installation, mounted by 1 1/2" dowels on PVC dowels on brick wall | | pcs | 30.00 |
|  |  | |  | |  |  |
|  |  |  | | **Total Heating** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | | **1.6. Sanitation** | |  |  |
| 46 | RpSC05A | | Dismantling the faience sink, including accessories | | pcs | 12.00 |
| 47 | RpSD03A | | Dismantling the standing battery, having a diameter of 1/2" | | pcs | 12.00 |
| 48 | RpSC07A | | Dismantling a fully equipped Turkish cast iron toilet bowl | | pcs | 15.00 |
| 49 | RpSA03A | | Dismantling the existing galvanized steel or PPR pipe inside the building, having a diameter of 1/2"-1" | | m | 118.00 |
| 50 | RpSB03A | | Dismantling the light type non-plasticized polyvinyl chloride (PVC) pipe with a diameter of 32 mm - 50 mm | | m | 25.50 |
| 51 | RpSB01C | | Dismantling cast iron pipes and fittings, for sewerage, with a diameter of 100 mm | | m | 35.00 |
| 52 | RpSB05A | | Dismantling the floor siphon, with a diameter of 50 mm | | pcs | 6.00 |
| 53 | RpCU06A | | Making trenches up to 5 cm deep, in brick masonry walls of 5 x 50 cm2 | | m | 50.00 |
| 54 | RpCU07D | | Smoothing trenches in walls up to 50 cm2, after installations or reinforcements | | m | 50.00 |
| 55 | RpCU05A | | Making holes for pipes or tie rods, for reinforcements, in walls or slabs of brick masonry up to 15 cm thick | | pcs | 20.00 |
| 56 | SA15B | | Plastic pipe joined by polyfusion welding, in connecting pipes, to sanitary items, at residential and social-cultural facilities, having a diameter of 20 mm | | m | 54.00 |
| 57 | SA15B | | Plastic pipe joined by polyfusion welding, in connecting pipes, to sanitary items, in residential and social-cultural facilities, having a diameter of 25 mm | | m | 48.00 |
| 58 | SA21C | | Plastic pipe joined by electrofusion welding, in columns in residential and social cultural buildings, having a diameter of 32 mm | | m | 16.00 |
| 59 | RpIF09A1 | | Insulation of pipes with heat-insulating sleeves cut longitudinally (for PPR pipes. d.20) | | m | 54.00 |
| 60 | RpIF09A1 | | Insulation of pipes with heat-insulating sleeves cut longitudinally (for PPR pipes. d.25) | | m | 48.00 |
| 61 | RpIF09A1 | | Insulation of pipes with heat-insulating sleeves cut longitudinally (for PPR pipes. d.32) | | m | 16.00 |
| 62 | IC38C | | Connection item (Dutch connection item PPR 32x1"), with 2 joints, made of polypropylene joined by polyfusion with reinforced polypropylene pipe, having an outer diameter of 32.0 mm | | pcs | 4.00 |
| 63 | SB08C | | Plastic pipe for sewerage, joined with a rubber gasket, mounted apparently or buried under the floor, having a diameter of 50 mm | | m | 25.50 |
| 64 | SB09C | | Connection item made of plastic material for sewerage, joined with the rubber seal, having a diameter of 50 mm | | pcs | 32.00 |
| 65 | SB10C | | Connection item (simple branch) made of plastic material for sewerage, joined with a rubber gasket, having a diameter of 50 mm | | pcs | 15.00 |
| 66 | SB08E | | Plastic pipe for sewerage, joined with a rubber gasket, mounted apparently or buried under the floor, having a diameter of 110 mm | | m | 35.00 |
| 67 | SB09E | | Connection item made of plastic material for sewerage, joined with the rubber seal, having a diameter of 110 mm | | pcs | 35.00 |
| 68 | SB10E | | Connection item (simple branching or revision) made of plastic material for sewerage, joined with a rubber gasket, having a diameter of 110 mm | | pcs | 20.00 |
| 69 | SD05A | | Adjustment valve, straight or corner one, mounted before the fitting from the sanitary items, having a diameter of 3/8" - 1/2" | | pcs | 12.00 |
| 70 | SD07B | | Passing valve with valve and plug, with or without discharge, for steel pipe, having a diameter of 3/4" | | pcs | 3.00 |
| 71 | SD07C | | Passing valve with valve and plug, with or without discharge, for steel pipe, having a diameter of 1" | | pcs | 1.00 |
| 72 | SD01A | | Service tap, single or double one with connection, regardless of the closing method, having a diameter of 3/8" - 1/2" (bucket filling tap) | | pcs | 3.00 |
| 73 | SC04C | | Semi-porcelain, sanitary porcelain, etc. sink, including for the disabled people, having a plastic drainage pipe, mounted on the pedestal (European manufacturer) | | pcs | 12.00 |
| 74 | SD04A | | Mixer tap with tilting arm stand for sink or washing item, closing method - single control, including for the disabled people, having a diameter of 1/2" (European manufacturer) | | pcs | 12.00 |
| 75 | SC07B1 | | Toilet bowl, fully equipped, made of semi-porcelain, sanitary porcelain, etc. including for the disabled, placed on the floor, with the water tank mounted on the vessel, at height or half height, having an internal siphon type P | | pcs | 13.00 |
| 76 | SC07B1 | | Toilet bowl, fully equipped, made of semi-porcelain, sanitary porcelain, etc. including for the disabled, placed on the floor, with the water tank mounted on the vessel, at height or half height, having an internal siphon type P (in the SG for persons with reduced mobilty) | | pcs | 2.00 |
| 77 | SB28A | | Polypropylene floor siphon, with an outlet diameter of 50 mm. (Floor siphon with PVC base and INOX grid with minimum dimensions of 150x150mm, increased resistance) | | pcs | 6.00 |
| 78 | CL20A | | Revision door ready made of PVC 200x300mm (resources include only labor and the door) | | pcs | 5.00 |
| 79 | RpSE27A | | Installation of the hand dryer with INOX body, mounted on a brick or AAC wall. | | pcs | 8.00 |
| 80 | SE59A | | INOX liquid soap dispenser, mounted on a brick or AAC wall. | | pcs | 8.00 |
| 81 | SE59A1 apl | | U folding safety bar for the disabled people, mounted on a concrete wall. It includes: - mounting the dowels and placing the bar in position with an approximate length of: 800-900 mm | | pcs | 2.00 |
| 82 | SE59A1 apl | | Fixed support bar for the disabled people, mounted on a concrete wall. It includes: - mounting the dowels and placing the bar in position with an approximate length of: 1000 mm | | pcs | 6.00 |
| 83 | SC13A | | Semi-crystal sanitary mirror with polished edges, with dimensions of 400 x 500 x 600 mm, mounted on a brick or AAC wall | | pcs | 8.00 |
| 84 | SE59A | | INOX paper dispenser, mounted on a brick or AAC wall. | | pcs | 15.00 |
|  |  | |  | |  |  |
|  |  |  | | **Total Sanitation** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | | **1.7. Various works** | |  |  |
| 85 | RpCU09C | | Carrying items by manual means directly at a distance of 60 m with a load of up to 50 kg (1 m transported vertically is equal to 10 m transported horizontally) | | t | 30.00 |
| 86 | TsH92B | | Loading the rubble into the vehicle | | t | 30.00 |
| 87 | TsI50B5 | | Transportation of rubble with a 5 t dump truck at a distance of 15 km | | t | 30.00 |
|  |  | |  | |  |  |
|  |  |  | | **Total Various Works** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | |  | |  |  |
|  |  | | Total sections of construction works | |  |  |
|  |  | | Social contributions | |  |  |
|  |  | | Total: | |  |  |
|  |  | | Transportation of materials | |  |  |
|  |  | | Direct costs: | |  |  |
|  |  | | Overheads of construction | |  |  |
|  |  | | Total: | |  |  |
|  |  | | Estimated profit | |  |  |
|  |  |  | | **Total Construction works** |  |  |
|  |  | | **2. Installation works** | |  |  |
|  |  | | **2.1. Electrical works - restrooms** | |  |  |
| 88 | RpEF23B | | Removal of fluorescent lighting fixtures of any kind, with two or more tubes | | pcs | 12.00 |
| 89 | RpEE24A | | Removal of electrical appliances for strong current: unipolar (breakers, switches, sockets for removal or replacement, button for remote operation) | | pcs | 24.00 |
| 90 | RpED09A | | Mounting copper electrical cables, with PVC insulation, with increased resistance to the propagation of flames, for voltages of 0.6/1 kV, symbol CYYF, apparently mounted, having a section of 3x1.5 mmp VVGng | | m | 160.00 |
| 91 | RpED09A | | Mounting copper electrical cables, with PVC insulation, with increased resistance to the propagation of flames, for voltages of 0.6/1 kV, symbol CYYF, apparently installed, having a section of 3x2.5 mmp VVGng | | m | 200.00 |
| 92 | RpEA01B | | Installation of protective tubes made of PVC polyvinyl chloride type IP-PVC, with a diameter of up to 16 mm, apparently mounted on wooden or plastic dowels on metal brackets, fixed directly to the wall, with d=18-25 mm | | m | 320.00 |
| 93 | RpEE01A | | Installation of 10-25 A unipolar or bipolar switches, of normal construction, waterproof or sealed ones, in aminoplast, bakelite, metal or porcelain casing, mounted buried or visible on wooden or plastic dowels, connected to copper or aluminum conductors | | pcs | 12.00 |
| 94 | RpEE03A | | Installation of normal bakelite or aminoplast, single, double, waterproof, sealed, metal sealed or similar sockets, mounted buried under the plaster or apparently on wooden or plastic dowels | | pcs | 12.00 |
| 95 | RpEF15B | | Installation of lighting fixtures, LED panel type 42 W 597 x 597 x 43.5 mm 4000 K 3200 lm | | pcs | 12.00 |
| 96 | RpEG05B | | Installation of electrical distribution panels for apartments, including connection to the electrical block installation with 2 circuits without a meter (Electrical panel for automatic machines, 6 groups, including all accessories) | | pcs | 3.00 |
| 97 | RpEE15B | | Installation of circuit breakers - automatic differential circuit breaker up to 32 A | | pcs | 6.00 |
|  |  | |  | |  |  |
|  |  |  | | **Total Electrical Works - Restrooms** |  |  |
|  |  |  | | **Including salary** |  |  |
|  |  | |  | |  |  |
|  |  | | Total mounting works | |  |  |
|  |  | | Social contributions | |  |  |
|  |  | | Total: | |  |  |
|  |  | | Transportation of materials | |  |  |
|  |  | | Direct costs of mounting: | |  |  |
|  |  | | Overheads of mounting | |  |  |
|  |  | | Total: | |  |  |
|  |  | | Estimated profit | |  |  |
|  |  |  | | **Total Mounting Works** |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
|  | Total capitol |  |  |
|  |  |  |  |
|  | **Total cost estimate:** |  |  |  |  |