

Annex A

APPROVED BY BENEFICIARY

_____ 2022

APPROVED BY INVESTOR

_____ 2022

DESIGN THEME

Site: Major repairs for Sports School No.1 from Cahul mun.

Address of the site: mun. Cahul, No. 4, Bogdan PETRICEICU HASDEU Street.

Beneficiary: Mayoralty of Cahul mun.

Investor: EU, UNDP MOLDOVA

| No. | Name of basic requirements and data | Content of basic requirements and data |
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| 1. | Design basis | <i>Urbanism certificate for design No. _____ of the Contract № _____ dated...</i> |
| 2. | Type of construction | Existing construction, major repairs |
| 3. | Design stages | Stage 1 - Developing and approving design sketch with participation of the Beneficiary and Investor. <u>Composition of the design sketch</u> <ol style="list-style-type: none">1. General Plan, Sc 1:5002. Basement plan, Sc 1:1003. Ground floor plan, Sc 1:1004. Floor plan, Sc 1:1005. Facades, Sc 1:100 Stage 2 - Developing the execution design, which will cover all the compartments envisaged in the standard NCM A. 07.02-2012 "Procedure for developing, endorsing, approving and frame-content of the design documentation for constructions project. Main requirements and provisions". The project envisages repair works for the Sports School – sport complex, including swimming pools, partial re-planning of premises, heating insulation and finishing the facades, and building an annex block attached to the existing construction, for organizing a separate entry to the big pool (level 2), ensuring all the premises necessary for operation (changing rooms, sanitary blocks, etc.). |

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| 4. | Exigencies for design variants. | After approving the design sketch, no other variants will be developed. |
| 5. | Special exigencies for construction. | <p>Climate zone III B</p> <p>Snow load 0,5kPa</p> <p>Wind pressure 0,36kPa</p> <p>Seismic level 8 degrees;</p> <p>Average outdoor temperature -16°C</p> <p>Duration of the heating season 166 days.</p> <p>Fire resistance level II.</p> <p>Building importance category II.</p> <p>Data about soil structure – in line with geotechnical surveys.</p> <p>No landslides are observed</p> |
| 6. | Basic technical-economic indicators | <p>Land plot area ~ 0.98 ha</p> <p>Floor space subject to repairing works ~ 3643,6 m²</p> <p>S_{basement} ~ 1757,3 m²;</p> <p>S_{ground floor r} ~ 2496,3 m²;</p> <p>S_{IE} ~ 934,3 m²;</p> <p>S_{IEI} ~ 290,5 m²;</p> <p>S_{veranda} ~ 145,8 m²;</p> <p>S_{entry into the basement} ~ 41,5 m²;</p> <p>Construction volume ~ 31085,37 m³</p> |
| 7. | Special conditions on establishing volumes of necessary works to be performed | <ol style="list-style-type: none"> 1. Developing the work plan and coordinating the plan with the Beneficiary and Investor. 2. Executing the topo-geodesic survey ~ 0.98 ha. 3. Executing the geotechnical survey ~ 0.015 ha 4. Survey plan. 5. Developing the design documentation according to NCM A.07.02-2012, including technical specifications for suggested or similar equipment. 6. To examine the possibility of partial integration of the existing design no.13814 “Major repair of the swimming pool, Sports School No. 1, Cahul mun, B.P.Hasdeu street”, developed by ISP „Ruralproiect” in 2018. |
| 8. | The design documentation for executing this project will include the following | <ul style="list-style-type: none"> - general plan; - explicative memo, including technical specifications; - architectural – urbanistic solutions; - chromatic solutions; - building solutions; - heating, ventilation, and air conditioning; - thermal-mechanic and technological solutions; - indoor installation and network for water and sanitation; - indoor installation and network for electricity supply; - fire warning; |

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| | | <ul style="list-style-type: none"> - indoor installations and networks of telecommunication and warning, video surveillance; - automation of thermal-mechanical solutions; - gas supply; - project for construction works' organization; - environment protection; - survey plans; - estimates. |
| 9. | Destination, capacity and type of building | <p>Existing building S+P+1E+1E1, built according to the design no. 294-2-32, adopted by the Design Institute "MOLDGHIPROSTROI" in 1979. The Sports School has the destination of a sports complex for different activities (basketball, volleyball, table tennis, swimming pools, gym, etc.) where the population of all ages from the municipality works out. The building includes more blocks, that currently are functional, except for two swimming pools and their auxiliary premises.</p> <p>The design should envisage the major repairs of the complex, including the organization of access for persons with disabilities.</p> |
| 10. | Exigencies related to architectural-building solutions | <p>The existing building with the vertical height S+P+1E+1E1. The building scheme is rigid with framing made of precast elements and external walls made of small calcar blocks' masonry. The roof is flat and needs major repairs using bituminized membranes. Spatial systematization solution should be in line with the design standards NCM A.07.02-2012 "Procedure for developing, endorsing, approving and frame-content of the design documentation for constructions project";</p> <ul style="list-style-type: none"> - To envisage modern and sustainable for operation construction materials, installations, equipment and technologies, certified in the Republic of Moldova. - To envisage the building of an annex block attached to the existing building, to organize a separate entrance to the big swimming pool (level 2) ensuring all the premises necessary for the technological process (changing rooms, sanitary blocks, etc.); - To examine the possibility of enlarging the space (premises) related to the pool by building an over-ground terrace. |
| 11. | Exigencies regarding the finishing materials | <p>To envisage in the design:</p> <ul style="list-style-type: none"> -Changing the carpentry – aluminum profile, 5 chambers; -Internal, external doors – aluminum profile, 5 chambers, wood, MDF; -Partition walls – made of BCA 250 (120) mm blocks, cardboard plates with plaster on metal structure; -Indoor finishing – dismantling of decorative panels, partial demolition of existing plaster, surface priming, cement mortar plaster, dry mix grout, water-based acrylic paint; -Flooring - non-slip porcelain tiles, 10mm thick, ceramic tiles, laminate; - Swimming pool bowl – mosaic type porcelain, ceramic tiles; |

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| | | <ul style="list-style-type: none"> - Walls in premises with high level of humidity – finishing with glazed ceramic tiles; - Swimming pool ceiling – suspended; - Re-planning the premises (if needed); - Executing the works of thermal insulation and facades' finishing. |
| 12. | Requirements for technological and technical equipment | <ul style="list-style-type: none"> - Renovating (replacing) the equipment for preparing and filtering water. When selecting the type of equipment, to take into consideration the size of existing gaps; - Changing the heating pipes and fittings. When designing this system, to perform the hydraulic calculation and to select an efficient heating scheme; - To heat the water in the swimming pool, to design a new source for heating production using as well solar panels for preparing hot water; - To design a new ventilation system; - Renovating the system for water supply and sanitation by replacing the technical-sanitary equipment, - Renovating the indoor system for electricity supply, including changing the lighting equipment and fittings. The connection point remains to be the existing one; - Renovating the electrical power equipment; - Supplying the heating plant with combustion of natural gas from the existing average-pressure gas pipeline. |
| 13. | Requirements for ensuring vital activity conditions for persons with reduced mobility | <ul style="list-style-type: none"> - To envisage an access ramp with railing for persons with reduced mobility; - To ensure the accessibility of premises from the floor ground of the institution, including the sanitary blocks and the swimming pool; |
| 14. | Requirements for developing the adjacent territory | <ul style="list-style-type: none"> - executing the riprap around the construction and discharging the rainwater from walls; - paving the access ways and revitalizing the green spaces; - lighting the territory adjacent to the institution. <p>Area to be developed ~ 0.6156 ha</p> |
| 15. | Deadline for executing and developing project documentation and estimates | Consecutively 180 calendar days |
| 16. | Deadlines for executing and verifying the project documentation and estimates | Consecutively 20 calendar days |

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| 17. | Additional exigencies for project documentation | Development of beneficiary's expenditure estimates (Forms 7,3,5,1). The full set of documentation will be developed and submitted to the beneficiary in 5 copies (4 hardcopies and 1 electronic copy) |
| 18. | Requirements for connection endorsements, verifications and coordination | <p>According to the requirements of the Urbanism Certificate.</p> <ul style="list-style-type: none"> - Endorsements for getting connected to the technical networks shall be submitted by the Mayoralty of Cahul mun.; - Developed documentation (compartments envisaged in the normative acts) shall be endorsed correspondingly and according to the standards in force; - The designer shall be responsible for all coordination, including with specialized institutions; - The verification of project documentation shall be ensured by the designer at the State Service for Verification and Expertise of Projects and Constructions. |

Note: The design theme shall be developed in line with the Standard NCM A.07.02-2012

The Bidders shall examine the site before the end of the tender (on compulsory basis) and shall submit the bid which will contain all the necessary costs for carrying out the design process. Additional works shall not be accepted.

Beneficiary:

Executor:

Signature _____

Signature _____

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