

Approved by the BENEFICIARY

Mayor of Cahul municipality

Nicolae DANDIȘ

_____ 2021

Approved by the INVESTOR

Manager of

EU4Moldova: Focal regions Programme

Alexandru PELIVAN

_____ 2021

DESIGN THEME

OBJECT: Revitalization of Cahul municipality Urban Center

Address of the object: Cahul municipality, Central area, Victoriei avenue, area adjacent to “Nicolae BOTGROS” Culture Palace, access to “White Lily” Spa resort

Investor: UNDP MOLDOVA, EU4Moldova: Focal regions Programme

Beneficiary: Cahul municipality administration

No.	Denomination of the basic data and requirements	Content of the basic data and requirements
1.	Reason for designing	Approved Concept Note, Urbanism certificate for design Endorsement of the local public administration authorities and state supervisory bodies
2.	Denomination of the investment	Revitalization of Cahul municipality Urban Center
3.	Design stage	Execution design
4.	Type of construction	Reconstruction
5.	Need to perform studies and researches on site	Topo-geodesic surveys Technical examination of the existing road system
6.	Basic technical indicators: Technical category of roads; Length of the road; Width of the road platform; Width of the roadway; Sidewalks, bicycle lanes;	According to the requirements of CP D.02.11-2014 Street in a residential city district 1 200 meters 15-20 m within the existing parameters 6.0 – 8.2 – 9.2 m within the existing parameters Width of the bicycle lane – 1 m, sidewalks within the existing parameters

	<p>Parking places;</p> <p>Type of road covering:</p> <ul style="list-style-type: none"> - Roadway - Parking, sidewalks <p>Rainwater drainage system</p> <p>Lateral streets</p> <p>Access to yards</p> <p>Existing squares</p>	<p>In the places established by the Beneficiary</p> <p>Covering of asphalted concrete</p> <p>Pavement of concrete slabs</p> <p>On Victoriei avenue along the border, with guiding to the existing rainwater drain system, prefabricated reinforced concrete ditches in the area of the road to “White Lily” spa resort</p> <p>Necessary to arrange</p> <p>Necessary to arrange</p> <p>Necessary to arrange</p>
7.	Design stages	<p>Stage 1-Development and approval of the conceptual design with the participation of the Beneficiary, Investor, chief architect of Cahul Municipality.</p> <p><u>Composition of the conceptual design</u></p> <ol style="list-style-type: none"> 1. General Plan, Sc 1:500 2. Dendrological solutions <p>Stage 2- Development of the execution design in accordance with the provisions from NCM A. 07.02-2012 „Procedure of development, endorsement and framework content of the design documentation for constructions” normative document, with the development of written items and drawings for the following chapters:</p> <ul style="list-style-type: none"> - List of defects on the road, sidewalks, arrangements; - Explanatory memo; - Plan of roadway location. List of coordination; - Minutes on determining the suppliers and distances for the road construction materials; - List of existing networks; - Basic technical-economic indicators; - Centralized list of works; - Volume of works, including; <ol style="list-style-type: none"> 1. Volume of works of tree and shrub cutting. 2. Demolition of the existing road signs. 3. Demolition of the existing border. 4. Demolition of the existing sidewalks.

		<p>5. Demolition of the road system at accesses</p> <p>6. Volume of works for the demolition and cutting the existing road paving.</p> <p>7. Cleaning the rainwater drainage system.</p> <p>8. Rearrangement of wells and grills at the design benchmark.</p> <p>9. List and location of benchmarks.</p> <p>10. Geometric elements of the roadways and square.</p> <p>11. Consolidation and arrangement of green areas.</p> <p>12. Arrangement of pedestrian, roadway system and Borders.</p> <p>13. Arrangement of bicycle lanes and new sidewalks.</p> <p>14. Construction of the fountain in the square of the Culture Palace and technical municipal networks for its operation.</p> <p>15. Construction of 2 fountains in the area of Independenței square (existing design)</p> <p>16. Lighting system of the square territory.</p> <p>17. Application of small architectural forms: public transport stations, benches, trash bins, etc.</p> <p>18. Construction of the green area irrigation system in the area adjacent to the Culture Palace.</p>
8.	Requirements attached to the design variants.	After the approval of the conceptual design, no other variants shall be developed.
9.	Special requirements attached to the construction.	<p>Climatic zone III B</p> <p>Snow load 0.5kPa</p> <p>Wind pressure 0.36kPa</p> <p>Seismicity degree 8 degrees.</p> <p>Data on soil structure – in accordance with the existing geotechnical prospectations.</p>
10.	Basic technical-economic indices	Area of the land ~ 3.60 ha
11.	Special conditions on establishing the volumes of works to be executed	1. Development of the working plan and its coordination with the Beneficiary and Investor.

		<ol style="list-style-type: none"> 2. Performance of the topo-geodesic study ~ 3.60 ha. 3. Survey plan. 4. Examine the possibility of partial integration of the solutions of the existing design no. 02/2019 -PE – AT ”Reconstruction of the alleys, parking places, green area on the territory adjacent to “Nicolae Botgros” Culture Palace, developed by ”Constant Proiect” SRL. 5. Fully integrate the solutions of the design no. 129/KO-2018 “Reconstruction of the existing fountains located on Independenței Square”, developed by “OLDARHITECTURE” SRL.
12.	The documentation of the execution design shall include the following compartments	<ul style="list-style-type: none"> - general plan; - organization of construction works; - general explanatory memo; - architectural – urbanistic solutions; - dendrologic solutions; - constructive solutions; - technological solutions; - water supply and sanitation installations and networks; - electrical power supply installations and networks; - telecommunications and alarm, video surveillance installations and networks; - automation of mechanical solutions for fountains; - environment protection; - survey plans; - estimate documentation; - bills of quantities; - measures to ensure fire safety; -basic requirements on operation
13.	Destination, capacity and type of reconstruction	Cahul. Municipality urban center
14.	Requirements attached to architectural-constructive solutions	In accordance with the provisions of Law no. 721 of 02.02.1996 on the quality in constructions (as amended)
15.	Requirements on construction materials	To provide in the design the use of construction materials with high resistance in time
16.	Requirements on the technological and technical equipment	<ul style="list-style-type: none"> - Water preparation and filtering equipment. - Lighting equipment and lamps of LED type.

17.	Requirements on ensuring the conditions of vital activity of the people with reduced mobility	- To provide the installation of tactile paving in accordance with NCM C.01.06-2014 “General safety requirements for construction objects to be used and accessible for people with disabilities”
18.	Terms of execution and development of the design documentation and cost estimates	210 calendar days consecutively
19.	Terms of execution and verification of the design documentation and costs estimates	20 calendar days consecutively
20.	Additional requirements towards the design documentation	Development of the cost estimate of the beneficiary (Forms 7,3,5,1). The full set of documentation shall be developed and presented to the beneficiary in 4 copies (3 copies on paper and 1 copy in electronic form)
21.	Requirements on verifications and coordination	According to the requirements of the Urbanism Certificate. - All the documentation shall be endorsed according to the corresponding procedure and existing normative documents; - The designer shall be responsible for every coordination, including with specialized institutions, and for obtaining the endorsements to the design according to the legislation of RM ; - The verification of the design documentation shall be ensured by the designer.
22.	Requirements on the supervision by the design author	Necessary

Note: The design theme is developed in accordance with the NCM A.07.02-2012 normative document

The bidders shall examine the object before the completion of the tender (mandatorily) and shall submit the bid containing all the costs necessary for the design process. No additional works shall be accepted.

Executor:

Vitalie Vieru, community infrastructure engineer

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