*(stamped for approval of the Botevgrad Municipality)*

*(signed and stamped of the chief architect)*

**PROJECT: HETEROTOPIAS, BOTEVGRAD – LESKOVATC**

Interreg – IPA for cross border cooperation

Bulgaria – Serbia 2014 – 2020

**SITE: EXPOSURE AND SOCIALIZATION OF A CLOCK TOWER**

In quarter 49 of the central part of the city

Botevgrad, Municipality of Botevgrad, Sofia – District

**PART**: Architecture

**PHASE**: Detailed design

**CONTRACTING AUTHORITY**: Municipality of Botevgrad *(signed and stamped by the mayor)*

Manager: *(signed and stamped)*

arch. Mariela Andreevska

*(signed and stamped with stamp for full design capacity)*

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| Architecture | Architecture | Construction | Electricity | Electricity |
| signature | Signature | Signature | Signature | signature |
| Arch. Milena Kamenova | Arch. M. Andreevska | Arch. V. Martulkov | Arch. V. Krasteva | Arch. Ch. Iochkolovska |

Object code: B\_25 – 20180415- 3E; edition № 0

**CONTENT**

**PROJECT: HETEROTOPIAS, BOTEVGRAD – LESKOVATC**

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**TEXT PART:**

1. Documents, certifying the eligibility of the designer

2. Copy of insurance policy

3. Explanatory note

4. Bill of quantities

**GRAPHICAL PART:**

|  |  |  |
| --- | --- | --- |
| 1, | Situation | Sheet 1/5 |
| 2. | Distributions | Sheet 2/5 |
| 3. | Distributions | Sheet 3/5 |
| 4. | Section and facades | Sheet 4/5 |
| 5. | Section and facades | Sheet 5/5 |

DONE BY: *(signed and stamped)*

Arch. Milena Kamenova

2018, Botevgrad  *(signed and stamped)*

*Arch. Mariela Andreevska*

Object code: B\_25 – 20180415- 3E; edition № 0

**EXPLANATORY NOTE**

*(stamped for approval of the Botevgrad Municipality)*

*(signed and stamped of the chief architect)*

**PROJECT: HETEROTOPIAS, BOTEVGRAD – LESKOVAC**

Interreg – IPA for cross border cooperation

Bulgaria – Serbia 2014 – 2020

**SITE: EXPOSURE AND SOCIALIZATION OF A CLOCK TOWER BOTEVGRAD**

In quarter 49 of the central part of the city

Botevgrad, Municipality of Botevgrad, Sofia – District

**PART**: Architecture

**PHASE**: Detailed design

The present project technical documentation has been prepared by qualified persons in ANDREW\_05 EOOD but assigned by the MUNICIPALITY OF BOTEVGRAD, in compliance with the current regulations in the country.

BOTEVGRAD MUNICIPALITY is the holder of the real property right over the Clock Tower in Botevgrad, Botevgrad Municipality, Sofia District.

In the sense of the Law on Obligations and Contracts and the respective contractual relations between the parties, the person MUNICIPALITY OF BOTEVGRAD is called the CONTRACTING AUTHORITY OF according Law on Obligations and Contracts, and the legal entity “ANDREW 05” EOOD is called the CONTRACTOR.

In the sense of the Spatial Development Act, in its capacity of owner of the property, provided for construction and installation works, the MUNICIPALITY OF BOTEVGRAD is called the CONTRACTING AUTHORITY of the Spatial Development Act, and the legal entity ANDREW 05 EOOD - DESIGNER.

The investment intention of the Contracting authority is to expose and socialize the clock tower in accordance with its real rights, legitimized by the attached ownership documents.

In order to realize the investment intention of the Contracting authority, the Contractor-designer prepares construction design documentation, representing an investment project in the sense of the Spatial Development Act. This project is partly architectural and is an integral part of all construction documentation for the site.

The clock tower is an architectural monument of culture of national importance from 24.10.2006. and is one of the South National Tourist Sites in Bulgaria. This project is a methodical continuation of the works carried out in the period 2010-2014. on "Restoration, conservation and restoration of the clock tower in Botevgrad" and its commissioning. The clock tower is located in the central part of Botevgrad.

The aim of the project is to create conditions for exposure and socialization of the site to increase its tourist attractiveness by providing access for visitors to the interior of the site.

To achieve this goal, it is necessary to perform two types of work:

**A. Inside the tower**

1. To free the interior of the tower from the electrical panels serving the central part of Botevgrad - square lighting, electric propulsion and lighting system for the city fountain. The release is achieved by taking the two boards out of the tower and creating a new main switchboard, intended for installation in a newly built covered niche at a distance of 2.50 from the walls of the tower in the volume of an existing flower garden. To create the niche, it is planned to build a new retaining wall with a height of up to 1.1 ohms across the volume of the flower bed. Visually, the niche is invisible, from any point of the square space, the existing flower garden remains visible.

2. To free the interior of the tower from accumulated luggage over the years, as well as from obsolete, depreciated systems, electrical installations, furniture. All types of items and installations subject to removal and dismantling are described in detail in the attached bill of quantities.

3. To perform a new electrical installation - power, low current and lighting in the tower, meeting the standards for fire safety and artistic lighting inside the tower. An electrical project has been prepared, providing the planning basis and representing an integral part of the present documentation.

4. To replace the existing flooring in the reception area due to defects

5. To make long-term protection of all wooden elements in the tower against fire, insects and weathering. 6. Secure access inside and ensure access for people with disabilities. To achieve accessible and safe conditions in the tower, installation of:

a/ the platform for people is disabled - finished product, without railings and armrests, podium type, on an air cushion, with flooring on its floor surface identical to the flooring of the reception area, corresponding to the normative base for lifting devices for people with disabilities. For the product we enclose a photo,

b/ new entrance steps, imposed by the dismantling of the sheet metal threshold, performing the role of steps and coverage of the electric cables pierced under it for the outdoor, built-in lighting in the square and for the pool pumps. The platform requires non-stationary steps - to be able to retract in the rare cases in which it will be used. For this reason, the solution is for telescopically retractable steps below the new threshold, which is reflected in the graphic part of the project. The installation of such steps is possible without interfering with the masonry of the tower, as between the stone threshold and the existing level of the metal coating there is a height of not less than 30 cm.

c/ security system on the inclination of the stairs at the height of the parapet, representing metal braided ropes stretched on the inclination of the steps with the height of the parapet, which are fixed in the trusses.

There are 3 attachment points on each wall - 1 on each santrach. The ropes are unobtrusive as a vision, but anyone who decides to climb to the top hangs on them with carabiners. It is necessary that nothing on the road distracts people on the move, except the thought of moving up the ladder, because of its nature - it is made as a ladder (very steep to overcome the displacement and with openings that are dangerous to people especially when descending). When a foot slips or falls into a hole in the ladder, the height is calculated so that a person grabs the armpits from the vest and simply stays hanging in place without falling or hitting. The technique is taken from the safety of climbers. We coordinated the decision with climbers who climbed 8,000, with climbers who climbed 8,000.

7. To provide information about the clock tower and to allow a view of the city from the highest point in it. We provide the information by installing a display in the reception area of the tower, which will broadcast pre-created video information about the clock tower, other clock towers and events related to it. The view of the city will be made through a "periscope", which will be installed on the last possible site for access by visitors - the site with the clockwork. The tube of the periscope will come out on the platform under the bell, from where the information will be transmitted through a camera to the point of perception, which is next to the clockwork. The periscope tube will be clamped to the tower columns. For its installation, additional documentation will be submitted for coordination with NIICH, when clarity is achieved for the technical characteristics of the product, which will be assembled as a periscope. All elements are mobile, light (camera, mini-display as much as a tablet, table top, chair, tube), do not increase the loads and do not require reinforcement to the tower.

**B. Outside the tower in its security zone.**

8. To provide a suitable location for the electrical panels removed from the tower. They, already reconfigured in one main switchboard, are installed in a dedicated covered niche, hidden in the volume of the existing flower garden. This niche has a reinforced concrete roof lined on top with marble slabs, of which are now the hats on board the flower garden. There are two huge boxwoods in front of the niche now, so no one sees it except the people who serve the boards. The flower garden is glued to the tower, and the niche is in its volume, at a distance of 2.50 m from the foundations and walls of the tower. To build the niche, do not dig next to the tower, but only destroy part of one retaining wall of the flower garden and build a new retaining wall with a height of 1.1 Ohm inside between the old retaining walls of the flower garden.

9. To ensure a normal approach to the interior of the tower from the town square, as until now the entrance is by the pool, skipping the floodlights mounted on it. Normal access for people is provided by a bridge with a width of 1.60 m and a height aligned with the low board of the city fountain and the threshold of the tower. The bridge is laid in the volume of the pool of the fountain and does not go above the adjacent ground level - the exposure of the monument is not disturbed by its installation. The bridge is a metal supporting structure (lying box has edges without walls), on which is mounted decking is the type of wooden flooring in the tower.

10. To renew the facade artistic lighting. We have applied all existing lighting fixtures from the outside in the graphic part of the project documentation. They, as well as the internal electrical installations, are also installed in different years - some of them are rotten and do not work, but stand on the tower. We have planned a complete dismantling of both bodies and cables for them. The project offers new artistic lighting. The cables are only pulled through the existing openings. The bodies have been described as electric power, lighting and more. characteristics in the electrical part of the documentation. Their installation on the metal cladding will be accompanied by additional protection from the installation of sealing accessories around the ducts coming out on the roofs of the metal cladding.

Works affecting the construction of the building or structural elements are not provided.

Works related to the violation of the adjacent pavement around the tower for the removal of the electrical panels are envisaged as repair - restoration of the damaged stamped concrete.

Works in the square space, security zone of the monument, outside the described bridge, are not provided. All types of works, subject of the project “Heterotopias. Botevgrad - Leskovac" are outside the central square of Botevgrad. They are located in the area of Saransk Square - around the building of the Historical Museum and behind the municipal administration building.

The CONTRACTOR-DESIGNER expresses readiness for timely and adequate actions in case of establishing omissions, inaccuracies and deviations from the norms in the process of conformity assessment and approval by the competent authorities of the investment project.

*(signed and stamped with stamp for full design capacity)*

COMPILED: *(signature)*

(arch. Milena Kamenova)

April 2018, Botevgrad  *(signature and stamp)*

(arch. Mariela Andreevska)

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| Arch. Milena Kamenova | Arch. M. Andreevska | Arch. V. Martulkov | Arch. V. Krasteva | Arch. Ch. Iochkolovska |