

SOCIALIST REPUBLIC OF VIETNAM

Independence – Freedom – Happiness

**REGULATIONS, TASKS, AND PLAN
FOR THE COMPETITION**

**ARCHITECTURAL DESIGN PLAN FOR THE 400-BED INPATIENT
TREATMENT BLOCKCANCER HOSPITAL AND
UPGRADE/RENOVATIONEXISTING CANCER HOSPITAL**

Location: Hoa Khanh Ward, Da Nang City.

*****DA NANG, 2025 *****

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Da Nang, date 2025

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ARCHITECTURAL DESIGN PLAN FOR THE 400-BED INPATIENT TREATMENT BLOCKCANCER HOSPITAL AND UPGRADE/RENOVATIONEXISTING CANCER HOSPITAL

Competition Name: Competition Architectural design competition for the 400-bed inpatient treatment block of the Oncology Hospital and the upgrading and renovation of the existing Oncology Hospital.

Investment Decision-Making Authority: Da Nang City People's Committee

Issuing the investment decision for the project: Chairman of the People's Committee of Da Nang City.

Project Owner cum Project Management Unit: Da Nang Project Management Board for Investment and Construction of Civil, Industrial and Technical Infrastructure Projects

Competition Organizer: Da Nang Project Management Board for Investment and Construction of Civil, Industrial and Technical Infrastructure Projects

Competition Organizing Consultant: Danang Consultant and Inspection Construction Centre

Competition Organizing Consultant

**DANANG CONSULTANT AND
INSPECTION CONSTRUCTION
CENTRE**

Competition Organizer

**DA NANG PROJECT MANAGEMENT
BOARD FOR INVESTMENT AND
CONSTRUCTION OF CIVIL,
INDUSTRIAL AND TECHNICAL
INFRASTRUCTURE PROJECTS**

PART I – GENERAL INFORMATION

I. General Information about the Competition:

- Competition Name: Competition Architectural design competition for the 400-bed inpatient treatment block of the Oncology Hospital and the upgrading and renovation of the existing Oncology Hospital. Construction Location: Hoa Cuong - Cam Le Ward, Da Nang City.

- Construction site: **Hoa Khanh Ward, Da Nang City.**

- Competition Format: Open Competition.

- Competition Period: **From 2025 to 2026.**

- Investment Decision-Making Authority: Da Nang City People's Committee.

- Competition Organizer: Da Nang Project Management Board for Investment and Construction of Civil, Industrial and Technical Infrastructure Projects.

+ Address: *5th Floor, Office Building of Project Management Boards and Affiliated Public Service Units, 48 Vo An Ninh Street, Hoa Xuan Ward, Cam Le District, Da Nang City.*

+ Phone: *0236. 3.817.118*

- Competition Organizing Consultant: Danang Consultant and Inspection Construction Centre

+ Address: *107 - 109 Le Sat Street, Hoa Cuong Ward, Da Nang City.*

+ Phone: *0236.3.796.322*

+ Website: *<http://tuvanxaydungdn.vn/thituyen/>*

- Competition Jury: To be established by a decision from the Da Nang City People's Committee.

- Technical Team: To be established by a decision from the Da Nang Project Management Board for Investment and Construction of Civil, Industrial and Technical Infrastructure Projects.

- Funding Source: State Budget.

- Currency Used: Vietnamese Dong (VND).

- Language: Vietnamese is the official language.

II. Legal Basis:

- Law No. 50/2014/QH13 dated June 18, 2014; Law amending and supplementing a number of articles of the Construction Law No. 62/2020/QH14 dated June 17, 2020.

- Law on Architecture No. 40/2019/QH14 dated June 13, 2019.

- Decree No. 85/2020/ND-CP dated July 17, 2020, of the Government detailing a number of articles of the Law on Architecture.

- Decision No.1001/QD-UBND dated February 2, 2009, of the People's Committee of Da Nang City approving the overall detailed planning layout for the construction of the Da Nang City Cancer Hospital.

- Decision No. 6036/QD-UBND dated July 18, 2011, of the People's Committee of Da Nang City approving the adjustment of the 1/500 detailed planning of the housing area for staff of the Da Nang City Cancer Hospital.

- Decision No. 359/QD-TTg dated March 15, 2021, of the Prime Minister on the approval of the Master Plan for Da Nang City to 2030, with a vision to 2050.

- Decision No. 1027/QD-UBND dated May 18, 2024 of the People's Committee of Da Nang City on approving the Da Nang Bay Coastal Area Planning Project, scale 1/2,000;

- Decision No. 1746/QD-UBND dated October 1, 2025, of the People's Committee of Da Nang City on the policy of investing in the construction of new facilities and upgrading and renovating the Oncology Hospital;

III.Necessity of the Investment:

1. Meeting the urgent need for medical examination and treatment and relieving the pressure of overcrowding.

Da Nang Oncology Hospital is a first-class specialized hospital, playing a leading role in the examination, diagnosis, and treatment of cancer for the people of Da Nang city and the Central and Central Highlands regions. Built in 2009 with an initial design capacity of 500 beds, recent years have shown the hospital is facing serious overcrowding. The number of inpatients regularly reaches nearly 1,000, along with 600-700 outpatient visits per day. Bed occupancy rates consistently exceed 100%, putting significant pressure on infrastructure and treatment space.

The current infrastructure, despite some partial renovations, has not kept pace with the increasing number of patients and the development of modern medical technology. Investing in the construction of a new 400-bed inpatient treatment block, combined with the renovation of existing buildings, is a crucial solution to increase the hospital's capacity to 1,000 beds by 2030, definitively resolving the issues of overcrowding and bed sharing, and ensuring the best possible safety and quality of treatment for patients.

2. Implementing the city's development plan and orientation.

Implementing the city's planning policies and orientations, including Decision No. 1287/QD-TTg of the Prime Minister on the planning of Da Nang city for the period 2021-2030, with a vision to 2050, and Decision No. 1746/QD-UBND dated October 1, 2025, of the People's Committee of Da Nang city approving the investment policy for the project, is a concrete step in realizing the strategy of developing the healthcare network, transforming Da Nang Oncology Hospital into a modern, specialized medical center befitting its status as a dynamic city in Central Vietnam.

3. Creating the iconic "Park Hospital - Green - Smart" and promoting medical tourism.

Da Nang is a key tourist city, with a rising standard of living and a significant demand for international-quality medical services locally. The investment in this

project goes beyond simply expanding floor space; it aims to achieve the following goals:

Reducing foreign exchange outflow: Minimizing the need for patients to seek treatment abroad by providing modern, high-quality facilities comparable to those in the region.

Attracting medical tourism: Creating a healthcare infrastructure that is attractive enough to foreign tourists and visitors who combine relaxation with medical treatment.

Therefore, the architectural design must embody the "Hospital Park" model. The architectural space must break away from the rigidity of traditional hospitals, instead creating a "Green - Friendly - Healing" environment that harmoniously integrates with the urban landscape and incorporates smart technology in its operation.

PART II – COMPETITION REGULATIONS

I. Purpose and Requirements of the Competition:

1. Purpose of the Competition:

The architectural design competition aims to achieve the following objectives:

- Selecting the optimal design: Finding the most suitable architectural solution that harmoniously addresses the planning challenges between the newly constructed building (400 beds) and existing structures. The design must ensure a specialized and scientific medical functional workflow, meeting stringent standards for cancer diagnosis and treatment.

- Creating the image of a "Park Hospital": Aiming for a Green - Smart - Friendly hospital model, eliminating the heavy feeling of traditional hospitals. The building will not only be a place for treatment but also a space for healing, while creating a modern architectural highlight for the Northwest urban area of Da Nang.

- Selecting a competent consulting firm: Through the competition, the Investor will select the most capable and experienced design consulting firm to implement the next steps (project planning, construction design), ensuring feasibility, economic efficiency, and quality of the project.

2. Requirements of the Competition:

- Comply with current Vietnamese construction design regulations and standards, as well as international standards approved by competent Vietnamese authorities.

- The organization will analyze and evaluate the design proposals from the participating units, and based on that, propose and select the best plan as the basis for implementing the next steps of the project.

- Ensuring fairness, objectivity, transparency, and compliance with Vietnamese state regulations and relevant international law.

- Organizations and individuals participating in the design competition must possess the necessary legal capacity and civil conduct as stipulated by current Vietnamese law.

- Participating units are responsible for all costs related to the competition process.
- Foreign organizations and individuals participating in the competition are required to have their own interpreter.

II.Competition Format

1. Competition Format:

- The selection process is open to all organizations and individuals, both domestic and foreign, without restrictions.

2. Selection Method:

- Selection Method: A two-round selection process.
- + Preliminary Selection Round: The competition details will be widely publicized on the competition website. Design consulting firms wishing to participate must submit their application.
- + After the registration period ends, the selection process for the preliminary round will be based on the capability profiles of the registered firms. From this, at least three (03) design consultancy firms that meet the necessary conditions, capacity, and relevant experience will be selected and invited to the Competition Round. The competition organizer will notify the organizations and individuals selected to advance to the next round (the Competition Round) to begin developing their proposals.
- + Competition Round: The organizations and individuals that have passed the preliminary selection will develop their competition proposals and submit them by the specified deadline. The Competition Jury will evaluate and select the proposals based on the Design Brief, Competition Regulations, and the Jury's own rules. The results will be forwarded to the competition organizer, who will then report to the City People's Committee for approval of the results and the awarding of prizes.

III. Provided to Competition Participants:

1. Written Documents:

- Competition Plan;
- Design Brief;
- Competition Regulations;
- Competition Registration Application Form;
- Other related documents.

2. Technical Documents:

- All official competition documents will be provided by the competition organizer via the competition information website.
- Other relevant documents and information (if any).

IV. Competition Rules:

1. Participants and Eligibility Conditions:

a) Eligible Participants:

All domestic and foreign organizations, individuals, or design consortiums with the full professional capacity and legal standing to practice under the current

laws of Vietnam are eligible to register for the competition.

b) Eligibility Conditions:

- Independent organizations, individuals, or consortiums participating in the competition must meet all of the following conditions:

+ Possess legal entity status, operate in accordance with Vietnamese law; have full civil act capacity as stipulated by law, and be licensed to operate in the field of construction design consultancy.

+ Candidates with construction capabilities suitable to the nature, scale, and class of the project (class 1), and who have previously designed hospital projects, will be given priority.

+ The individual in charge of architectural design must be an architect and possess professional competence equivalent to the nature, scale, and level of the project.

+ The competition organizer will evaluate the competency of participating units based on the criteria in these Competition Regulations. Officially selected participants will receive a notification and an invitation letter from the organizer.

+ The criteria for selection and invitation will be based on the competition's standards. Participants must be organizations or individuals with expertise in architecture and planning, sufficient operational capacity, a reputable standing, relevant practical experience, and must practice in accordance with current laws.

c) Ineligible Parties:

- Members of the Competition Jury;

- Members of the Technical Team;

- Individuals involved in preparing the Design Brief and Competition Regulations;

- Organizations or individuals related to members of the Competition Jury or those who do not possess the appropriate experience, capacity, or practicing certificates as required by regulations.

d) Regulations on Consortiums and Member Status:

- Firms participating in the competition may form a consortium with other organizations or individuals to ensure all conditions set forth by the competition organizer are met. In such a case, one firm must be designated as the lead entity.

- Each organization or individual may only participate in one consortium.

- The design consortium must have a written consortium agreement among its members. The consortium agreement must be submitted to the competition organizer along with the competition registration application (for the preliminary selection round).

- All matters regarding the rights and obligations between the parties in the consortium are to be settled by the parties themselves; the competition organizer shall not be held responsible.

- Participating firms may collaborate with an expert or a group of reputable, experienced, and capable experts to ensure the quality of the work (These experts

must not be members of the Competition Jury or the Technical Team). In this case, the consulting firm does not need to submit a collaboration agreement to the competition organizer. The names and professional resumes (CVs) of these experts must be included by the participating firm in the list of personnel involved in creating the competition proposal.

2.Procedure for Competition Registration and Submission for the Preliminary Selection Round:

a) Competition Registration:

Firms wishing to participate in the competition should register their information as follows: First, submit a preliminary registration online via email. After confirmation, submit the complete application dossier either in person or by post to the competition organizing consultant.

Firms registering for the competition must submit the following documents to the competition organizer:

No	Document / Content	Online Submission	In-person Submission (Original Copy)	Form
1	Competition Registration Form and Consortium Agreement (if any)	01 scanned PDF file (signed and sealed) and 01 Word file with the same content	Signed and sealed document	Appendix 01, 02
2	Documents proving the professional capacity and legal status of the individual or consulting firm as required by Vietnamese law.	01 scanned PDF file	Notarized documents dated within the last 6 months	
3	Capability profile of the consulting firm. Certificates of awards from previous competitions (if any).	01 scanned PDF file	Signed and sealed confirmation document (for the firm submitting the capability profile)	
4	List of experts and members participating in the consortium.	01 scanned PDF file and 01 Word file with the same content	Signed and sealed confirmation document	

A few notes:

- Firms registering for the competition are not required to pay an entry fee.
- The competition organizer reserves the right to request that participating consulting firms clarify or supplement documents proving their status, capacity, and experience, if necessary.
- The competition organizer will not cover any costs for the participation of registered firms, except for the prizes and a support fund provided to a maximum of

five (05) firms whose proposals are deemed valid and receive the highest evaluation from the Competition Jury (this does not include the first, second, or third prize winners).

b) Receipt of Applications for the Preliminary Selection Round:

Registration applications (comprising the items specified in Section 2) must be submitted either in person (during office hours) or by post to the competition organizing consultant. Applications must be received no later than 5:00 PM on the final day for registration as outlined in the competition schedule (the postmark date will not be considered for submissions by mail).

DA NANG CONSTRUCTION CONSULTING AND INSPECTION CENTER

Address: 107 - 109 Le Sat Street, Hoa Cuong Ward, Da Nang City

Email: TTTVthituyen@gmail.com

Phone: 0236.3.796.322

c) Receipt of Proposal Submissions for the Competition Round:

- Firms selected for the Competition Round will have 45 days to complete their proposals.

- Participating firms must submit their design proposals in person (during office hours) to the competition organizing consultant no later than 5:00 PM on the submission deadline as per the competition schedule. If sent by post, the submission will be based on the postmark date, but it must not be more than 03 days after the specified deadline.

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- The Technical Team will prepare a handover record for each proposal submission (whether submitted in person or by post), which will clearly state: the time of submission, quantity, content, and condition of the materials. The Technical Team and a representative of the submitting party will both sign the record. The handover record will be made in two copies, with each party keeping one.

- Participating firms are responsible for ensuring the safe preservation of their submission materials and must adhere to the application requirements when delivering them to the competition organizer.

- Participating firms are not permitted to alter their proposal submission after the deadline. During the evaluation process, the competition organizer may request a firm to clarify the content of its proposal through indirect or direct communication, provided that such clarification does not change the fundamental content of the design proposal. Any requests for clarification from the organizer and the

corresponding responses from the firm must be made in writing and will be archived by the competition organizer in accordance with the competition's regulations.

2. Competition Time and Venue:

a) Competition Schedule:

The competition schedule will follow the Competition Plan approved by the competition organizer..

- Registration Period: Commencing from the date of announcement on the competition website and in mass media.

- Application Submission Deadline: As per the approved Competition Plan.

- Announcement of Preliminary Selection Round Results: No later than 7 days after the application review deadline, the competition organizer will sign the Minutes of the Capability Profile Evaluation Meeting and issue a Decision on the selection results for the consulting firms chosen to advance to the Competition Round.

- The consulting firms selected for the Competition Round will be notified individually.

- Distribution of Documents for the Competition Round: Within 5 days from the date the selected firms are notified.

- Field Survey/Site Visit: Participating organizations and individuals may organize their own site visits if they deem it necessary.

- Schedule Changes: Should there be any changes to the schedule during the competition, the organizer will send a notice to all participating firms at least 5 days before the proposal submission deadline.

b) Competition Venue:

The venue for the proposal presentations before the Competition Jury will be announced. The competition organizer will send a Notice or Invitation Letter to the participating firms 05 days before the evaluation session.

3. Requirements for the Dossier and Competition Submission:

a) General Regulations:

- There is no limit on the illustrative content for the competition proposal.

- The language used in the entire competition submission and all written reports must be: Vietnamese or bilingual English-Vietnamese (for foreign participants). Other languages are not permitted on any drawings or in any reports.

- The units of measurement to be used in the submission are: length measured in the metric system (m); dimensions for master plan drawings in meters (m), square meters (m²), or hectares (ha); dimensions for architectural drawings in millimeters (mm).

- Presentation Format: Symbols and colors must follow the standard drawing conventions of Vietnamese architectural and construction planning projects.

- Each participating entity may submit a maximum of two (02) competition proposals.

- Currency Unit: Vietnamese Dong (VND).

b) Specifications for the Dossier and Competition Submission:

- The entire dossier and all submission materials must be presented anonymously. Use an anonymous code on all submitted products (on each page of the drawings and the report). This anonymous code is chosen by the participant and must consist of two letters and two numbers (e.g., AB12), written in 01 cm high capital letters in the upper right-hand corner of each drawing and document. This code must also be written on the cover of the report and on a corner of the physical model (if any). Any participant who writes their company name or research group in the title block of any drawing will be disqualified.

- Each competition dossier must be placed in a sealed and tamper-proof package. The outside of the package must be labeled with the competition name, the participant's anonymous code, and a list of the dossier contents inside (adhering to the principle of anonymity).

- No information in text or graphics (logos, symbols, marks, etc.) that could identify the participant is allowed on any drawings or reports.

- Full information about the participant must be placed in a separate, sealed, and tamper-proof envelope submitted along with the proposal (including the entity's name, address, phone, fax, email, etc.). Only the participant's anonymous code should be written on the outside of this envelope.

- The principle of anonymity applies to all dossier components, submission products, and the USB drive.

- The dossier will be kept confidential until it is handed over to the Competition Jury. It will only be used when the Jury begins its evaluation or for the participant's presentation to the Jury.

c) Content of the Design Proposal Dossier:

- Design Report: The proposal's design report must be presented on A3-sized paper, with drawings in A3 landscape format, bound into a hardcover volume. It must include the following content:

+ Maps and diagrams analyzing the current conditions, including land use, architecture, landscape architecture, traffic, technical infrastructure, etc.; an assessment of the potential of the study area, with appendices and explanations, clarifications, justifications, supplementary arguments; illustrative drawings; calculation data, and relevant legal documents.

+ Drawings illustrating the architectural design concept.

+ Design explanatory drawings include: Functional layout solutions, interior layout solutions, facade design solutions, structural solutions, technical solutions, solutions for internal and external traffic organization, material usage, night lighting, operation and use...

+ Environmental protection solutions, green architecture (if any), fire prevention and control solutions.

+ Images, overall perspectives, detailed perspectives, and nighttime renderings.

+ Perspective views illustrating the building's spaces (Lobby, departmental workspaces, meeting rooms, recreation areas, etc.)

+ A preliminary construction cost estimate (mandatory), and an economic efficiency analysis (if any).

+ Video illustrating the proposal (recommended). Note: The presentation video must only state the anonymous code, not the participant's name.

- Quantity of Submission Dossier:

+ Dossier with the proposal report and reduced-size color drawings presented on A3-sized paper: 18 sets;

+ Presentation drawings mounted on A1-sized rigid boards (with drawings numbered sequentially) for exhibition and presentation to the Competition Jury: 01 set;

+ PDF files, CAD files, and a PowerPoint presentation containing the entire report, drawings, and illustrative images;

+ 01 USB drive containing all data for the competition proposal.

d) Invalid Dossiers and Submissions:

The competition organizer will disqualify, reject, and not submit to the Competition Jury for consideration and evaluation any submission that fails to meet the basic requirements of the Competition Regulations, including the following cases:

- Violation of the anonymity principle in a way that could allow the Competition Jury to identify the participant during the evaluation process.

- Submission of an incomplete dossier (missing the required quantity or components) or submission after the deadline or to the wrong location as specified.

V. Evaluation, Ranking of Proposals, and Announcement of Results:

1. The Competition Jury:

a) Composition of the Jury.

- The Jury for the selection of planning and architectural proposals (hereinafter referred to as the Competition Jury) will evaluate and rank the competition proposals, assisting the organizer in selecting the optimal proposal that meets the requirements for planning, architecture, culture, socio-economic efficiency, national defense, security, and environmental protection, to proceed with the next steps of the project.

- The Competition Jury shall be established by a decision from the People's Committee of the city.

- The composition of the Examination Council complies with the regulations in Article 19 of Decree 85/2020/ND-CP dated July 17, 2010.

+ The Competition Jury is expected to consist of 9 members, representing state management agencies, relevant socio-professional organizations, the architecture and planning council, and experts with experience in the fields of planning and architecture, who are objective and impartial.

+ The Chairman of the Council must be an experienced and reputable professional in their field. The Chairman of the Council is elected by the Examination Council or appointed by the City People's Committee.

b) Working Principles of the Competition Jury.

- The Jury operates independently, adhering to its own Operational Regulations. Jury members must ensure independence, objectivity, honesty, and uphold the highest responsibility to fulfill the collective mission of the Jury.

- The Council's regulations must clearly state the principles, methods of evaluating and ranking the submitted proposals, and the responsibilities of the Council. The Council operates according to the regulations it establishes (the Council's Regulations). The Council's Regulations outline the principles, methods of evaluation, and ranking criteria for the submitted proposals; the working regime; and the duties, powers, and responsibilities of the Council. The Council's Regulations must be unanimously agreed upon by all members. The Chairman of the Council approves the Council's Regulations on behalf of the Council.

- The Regulations must be agreed upon by all members. The Chairperson will approve the Regulations on behalf of the Jury and is responsible for their implementation.

- The Jury will only proceed with the evaluation and ranking of proposals when at least 3/4 of its members are present.

- The Chairperson, members, and secretary of the Jury are not permitted to disclose or provide information regarding the content of discussions or the Jury's conclusions to any organization or individual outside the Jury during the evaluation and ranking period.

- The competition results report must be signed for certification by all participating Jury members.

c) Responsibilities of the Competition Jury.

- Jury members are responsible for ensuring confidentiality, objectivity, and honesty, and must refrain from any negative conduct that could affect the evaluation and ranking results.

- The Chairperson of the Jury must be present and preside over the Jury throughout its working period.

- To summarize and report the results of the evaluation and ranking to the urban planning organizing body.

- The feedback and suggestions from the Competition Jury on the proposals will be compiled for the competition organizer to request that the prize-winning firm supplement and complete its design proposal.

2. The Technical Team:

- The Technical Team is established by the competition organizer.

- The Technical Team is responsible for:

+ Guiding organizations and individuals through the registration process; receiving registration applications; receiving and inspecting competition

submissions; reviewing the validity of each proposal and reporting to the Jury (if necessary);

- + Assisting in and evaluating the Capability Profiles of the consulting firms participating in the competition;

- + Receiving inquiries and explaining the Competition Regulations to registered organizations and individuals; providing relevant information and documents to participants;

- + Preparing a consolidated report on the planning indicators, technical specifications, and validity of each proposal to be sent to the Competition Jury;

- + Assisting and advising the Competition Jury throughout the process of organizing the competition and evaluating and ranking the proposals.

3. Proposal Presentation and Evaluation (Competition Round):

a) Defending the Proposal before the Competition Jury:

After the submission of proposals, eligible participants will be notified of the official time and location to defend their proposal before the Competition Jury. The format for the defense will be announced by the competition organizer.

- In-person Presentation Format:

Each firm will appoint a representative to present and defend the proposal via a slideshow and oral explanation. The participant is responsible for preparing the presentation file to be shown at the time of the presentation. If using a different presentation format, the participant must provide their own necessary equipment.

The maximum presentation time for each firm is 20 minutes (25 minutes if including a video). For foreign firms, the time is 25 minutes (30 minutes if including a video).

- Video Presentation Format:

Each firm will pre-record a video presenting their proposal for the Competition Jury to review. This will be followed by a discussion with the Jury via a live online connection.

b) Proposal Evaluation Process (Competition Round):

b.1. Evaluation Process:

- Round 1 (Sorting of Submissions): The competition organizer will sort the submissions, selecting those that meet the criteria of the approved regulations and competition brief to advance to Round 2 for defense before the Competition Jury.

- Round 2 (Presentation and Evaluation): After reviewing the proposals and listening to the participants' presentations (either in-person or via video), the Competition Jury will analyze, evaluate, and score them. The three (03) proposals with the highest scores will advance to Round 3 for final ranking according to the prize structure.

- Round 3 (Final Prize Ranking): The Competition Jury will discuss and conduct the final evaluation and ranking via a secret ballot.

Note: The evaluation process may be subject to change based on the actual situation, as decided by the Competition Jury.

b.2. Proposal Evaluation Criteria:

No	Evaluation Criteria	Maximum Points	Detailed explanation
1	Master plan and landscape design solutions	20	
	Master Plan & Connectivity	10	Solve the problem of connecting the new building (400 beds) with the existing buildings. Organize internal traffic scientifically (separate lanes for emergency services, patients, internal staff, and waste disposal) to avoid conflicts.
	Architectural and landscape space	10	Designing green spaces, gardens, and buffer zones creates a "healing environment" for cancer patients.
2	Architectural solutions	50	
	Concept of Shapes & Aesthetics	10	The modern, unique, and iconic architectural design is both welcoming and reduces the heavy feel of a hospital, fitting well with the climate and urban landscape of Da Nang.
	Green architectural solutions	10	Applying green architectural principles: Natural lighting, natural ventilation, and energy-efficient building envelopes.
	Medical facilities & Functional zones	20	The layout of the medical examination and treatment process is scientific, adhering to the one-way principle and infection control (Radiotherapy, Surgery, and Intensive Care Units). The interior space of the patient rooms is optimized.
	A solution for connecting the functions of Old and New.	10	The solution involves creating a bridge-like corridor and reception area to ensure smooth operational connectivity between the new and old buildings.
3	Technical & Technological Solutions	20	
	Structural solutions	10	A feasible, sustainable, modern, and cost-effective solution.
	Technical and technological solutions	10	Energy-saving solutions, natural lighting, ventilation, and environmentally friendly materials. Application of technology in smart operation management and efficient energy use...
4	Economic solution	5	Reasonable construction costs, investment per unit in accordance with regulations, and low operating, maintenance, and repair costs.

5	Report on the proposed plan, its components, and the quality of the documentation	5	Compliance & Validity: Entries must strictly adhere to the Competition Regulations regarding presentation style, number, components of drawings, and anonymity (code number). Persuasiveness & Logic: The presentation must be concise and written in a professional style. Focus on clearly explaining the "key" solutions regarding: healthcare supply chains, connecting old and new infrastructure, and operational efficiency. Aesthetic & Technical Quality: Accurate and to-scale technical drawings. 3D renderings (Perspectives, Interior, Landscape) must be sharp, realistic, and capture the concept of a "Park Hospital - Green - Healing". The report should be clear, persuasive, and focused. Videos and illustrative models are encouraged.
	Total Points	100	

The scoring scale may be adjusted to suit the evaluation criteria as decided by the Competition Jury.

The report on the evaluation and ranking results must be signed for certification by all members of the Competition Jury.

Participating consulting firms do not have the right to request an explanation regarding the scoring and ranking of the competition proposals.

4. Announcement of Competition Results:

- After the Da Nang City People's Committee agrees on the competition results, the competition organizer will publicly announce the results and send a notification to the prize-winning firms, and will organize the award ceremony after the competition concludes.

- The People's Committee of Da Nang City will decide on the form of exhibition and display organization, and consult with the community on the competition entries (if any).

- In the event that no proposal meets the objectives and requirements specified in the Competition Regulations, the competition will be re-run or terminated, as decided by the Da Nang City People's Committee.

VI. Prize Structure and Funding:

1. Competition Costs:

- The cost of organizing the competition includes expenses for the competition committee; the technical team; the prize money, support for competition entries, and other expenses.

- The competition organizer is responsible for the competition costs.

- Competition Costs: Based on the cost estimate for organizing the competition approved by the competent authority.

2. Prize Structure and Value:

a) Prize Structure.

- Total prize value is : 700.000.000 VND

Comprising:

+ 01 First Prize : 300,000,000 VND.

+ 01 Second Prize : 150,000,000 VND.

+ 01 Third Prize : 100,000,000 VND.

+ 01 Community Award : 50,000,000 VND.

+ Support for proposals entering the selection round (Top 5 proposals with the highest scores, ranked from highest to lowest, excluding 3 proposals that advance to round 3): 100,000,000 VND (20,000,000 VND/each proposal).

- In the event that the competition has entries that win the same prize, the prize value will be determined by the competition organizer and submitted to the City People's Committee for decision based on the proposal of the Selection Council.

- The prize values mentioned above are inclusive of any taxes payable by the recipient as per regulations.

- The prize money, inclusive of taxes, will be sent to the firms after the competition organizer approves the results and the participating firms have completed all necessary financial procedures.

b) Funding support

Contestants selected and evaluated through the preliminary round, and deemed by the judging panel to fully comply with the contest regulations, possess serious investment plans, meet all contest criteria, and achieve a minimum score of 70 points or more (on a 100-point scale) but not win an award, will receive a financial support of VND 20,000,000 (twenty million dong) per unit. Support will be provided to a maximum of 5 non-winning units, ranked from highest to lowest score.

c) Prize Payment Method and support

- The prize money will be transferred by the competition organizer in Vietnamese Dong (VND) to the winning firms.

- Prizes will be sent to the participating firms after the approval decision from the competent authority is issued and the firms have completed the necessary financial procedures.

3. Competition Organization Cost:

Total cost for organizing the competition: 1.004.497.000 VND (*In words: One billion, four million, four hundred and ninety-seven thousand dong*).

4. Basis for Calculating the Total Construction Investment Cost:

The basis for calculation shall be in accordance with current regulations on the management of construction investment costs.

VII. Regulations on Copyright and Ownership, Rights and Responsibilities of Participating Firms:

1. Confidentiality, Copyright, and Ownership:

- The competition submissions from all participating consulting firms will be stored securely and kept confidential by the Technical Team throughout the evaluation period.

- The author's rights for all competition proposals are protected under intellectual property law.

- The Competition Decision-Making Authority is the owner of all submitted design products and has the right to publish them.

- All submitted design products (maps, drawings, reports, explanations, models, films, etc.) will become the property of the Competition Decision-Making Authority and will not be returned to the participating firms.

- The participating firm commits to the following:

+ Not to use the proposal that wins a prize in this competition for any other competition or project. Participating firms must return the prize money if this commitment is violated.

+ All dossiers, documents, and proposals submitted by the firm must ensure they do not infringe upon the copyright or intellectual property rights of any individual or third party. The participating consulting firms shall be fully liable for the copyright and intellectual property of their submissions, including the ideas, content of the dossier, reports, drawings, software used, etc., in the event of any third-party claims. If infringements of copyright and intellectual property cause damages to the Competition Decision-Making Authority or the competition organizer, the consulting firm responsible for the damages must provide compensation, including any prize money and support funding already received.

- Before the competition results are announced, participating consulting firms are not permitted to use, provide, or display their design submissions for other purposes without the permission of the competition organizer.

- Participating consulting firms have the right to use their competition proposal to showcase their consulting capabilities after the competition has concluded.

2. Rights and Responsibilities of the Firms:

a) Rights and Responsibilities of the Design Firms Participating in the Competition:

- The competition organizer will provide support funding for a maximum of five (05) firms whose scores are ranked highest by the Competition Jury (excluding the first, second, third and community prize winners), after the results are announced.

- The author's rights for all competition proposals are protected under the intellectual property laws of Vietnam.

- The unit whose proposal is selected as the highest-ranking winner will be given priority to implement the subsequent phases of the project, provided they are fully qualified according to the laws on construction and procurement. If the unit lacks the necessary capacity to implement the next steps, they may form a consortium with a qualified consulting organization to do so.

- Within 30 days of notification from the competition organizer or the entity assigned to implement the project, if the selected organization or individual does not proceed, refuses to proceed with the next phases, or if the parties fail to reach an agreement through negotiation, the firm with the next highest-ranked proposal will be selected to implement the subsequent phases of the project in accordance with current regulations (after being refined with feedback) will be selected for implementation based on its capacity as stipulated in construction law and bidding law

- Participating design firms do not have the right to demand an explanation from the competition organizer, the Technical Team, the Competition Jury, or any other related organizations/agencies regarding the preliminary selection or final competition results.

- By participating in the competition Competition Architectural Design the cultural and cinema center, the consulting firm is deemed to have understood, acknowledged, and voluntarily agreed to comply with the approved and issued Competition Regulations.

- To comply with the provisions of the Competition Regulations and the Design Brief.

- To be legally responsible for the copyright and author's rights of the submitted works, including in the event of any related disputes.

- To ensure independent financial accounting, not be in the process of dissolution, and not be declared as being in a state of bankruptcy or insolvency as stipulated by law.

- To finalize the proposal based on feedback from the Competition Jury, experts, the Project Owner, and the Project Management Board, in the event they are selected as the firm to implement the subsequent phases.

- To coordinate with the competition organizer to report the prize-winning proposal to the City Party Committee, the People's Council, and the City People's Committee (if required).

- Participating firms will be notified of the official time and location to defend their proposal before the Competition Jury. This notification will be sent at least five (05) days prior to the defense date (if required).

- To bear all costs related to competition registration and participation.

b) Rights and Responsibilities of the Competition Organizer and the Competition Jury:

- To act in accordance with the approved Competition Regulations.

- Not to use their influence to distort the competition results.

- To organize the competition in an open and transparent manner. All requirements must be communicated clearly and fully to the participating firms.

- To protect the information of the participating firms.

- To own all products submitted to the competition.

- To pay the prize money to the participating firms according to the regulations.

- Choosing a firm that is fully qualified as per regulations and best suited to implement the subsequent phases. This can be based on the ideas and research from multiple proposals in the competition, but author's rights must be protected during use.

- To select the most suitable proposal for the implementation of the subsequent phases.

3. Other Competition Regulations:

- The competition organizer has the right to adjust the Competition Regulations based on proposals from the Competition Jury. The competition organizing consultant is responsible for notifying all relevant parties of any adjustments.

- Any disputes arising during the competition process (if any) will be resolved through mediation. If mediation is unsuccessful, the dispute will be settled in accordance with the current laws of Vietnam.

PART III. DESIGN TASK

I. Investment Objectives:

- To complete physical facilities and relieve overloading pressure: Invest in the new construction of an Inpatient Treatment Block with a scale of 400 beds, combined with the comprehensive upgrade and renovation of existing blocks to increase the Hospital's total scale to 1,000 beds by 2030. The prerequisite objective is to definitively resolve the situation of bed-sharing and overcrowding in the inpatient area, synchronize the technical infrastructure system and medical equipment, and ensure the best care and treatment conditions for the public.

- To build a specialized and modern medical center: Develop Da Nang Oncology Hospital into a Class I specialized hospital serving a regional functional role, possessing modern, convenient, and synchronous facilities. The project must not only meet high-quality medical examination and treatment needs for the people of Da Nang city and the Central – Central Highlands region but also meet strict standards to be ready for international integration.

- To promote medical tourism and socio-economic development: Create a high-class, friendly medical architectural space (following the Hospital-Park model) to attract foreign patients for tourism combined with medical treatment, while simultaneously retaining domestic patients and limiting travel abroad for treatment. The project contributes to affirming Da Nang's position as a high-quality economic, tourism, and medical center of the region.

II. Design Task:

1. Applicable design regulations and standards:

- QCXDVN 01:2021/BXD: Vietnamese Construction Regulation on Construction Planning;
- QCXDVN 02:2022/BXD: National Technical Regulation on Natural Condition Data Used in Construction;
- QCXDVN 03:2022/BXD: National Technical Regulation on Classification of Construction Works for Construction Design;
- QCXDVN 05:2008/BXD on Housing and Public Buildings - Safety of Life and Health;
- QCVN 06:2022/BXD: National Technical Regulation on Fire Safety for Buildings and Structures, Amendment 1:2023 QCVN 06:2022/BXD;
- National Technical Regulation QCVN 09:2017/BXD on energy-efficient buildings.
- National Technical Regulation QCVN 07:2023/BXD on urban infrastructure works;
- National Technical Regulation QCVN 10:2024/BXD on construction ensuring accessibility.
- Vietnamese Standard TCVN 4470:2012 on General Hospitals - Design Standards.
- Design standards applying new standards, materials and technologies in construction activities according to Article 10 of Decree 175/2024/ND-CP dated December 30, 2024.
- Current regulations and standards.

2. General Introduction:

- Project Type and Grade:

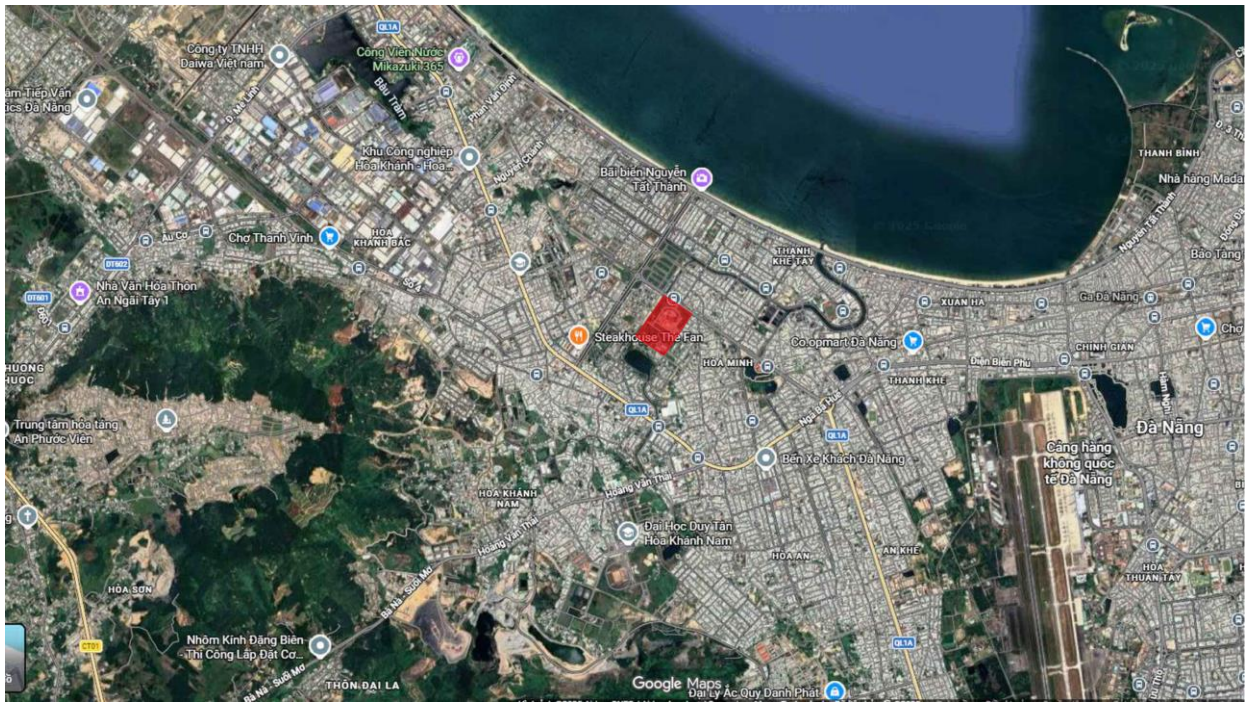
- + Project Group: Group B project in the medical sector.
- + Main Work Type and Grade: Civil construction work, medical sector, Grade I (pursuant to Circular No. 06/2021/TT-BXD dated June 30, 2021, of the Ministry of Construction prescribing the grading of construction works and guidelines for application in the management of construction investment activities).

- Form of Investment:

- + Investment Form: New construction investment.
- + Implementation Period: 2025 – 2029.

- Location

The planned location is shown on Google Maps.



Location of the planned area within the zoning plan



3. Scope and Research Boundaries:

The construction site for items belonging to the Da Nang Oncology Hospital is located within the existing premises of the Da Nang Oncology Hospital in Da Nang city.

The site is designated as medical land with an area of 141,000 m².

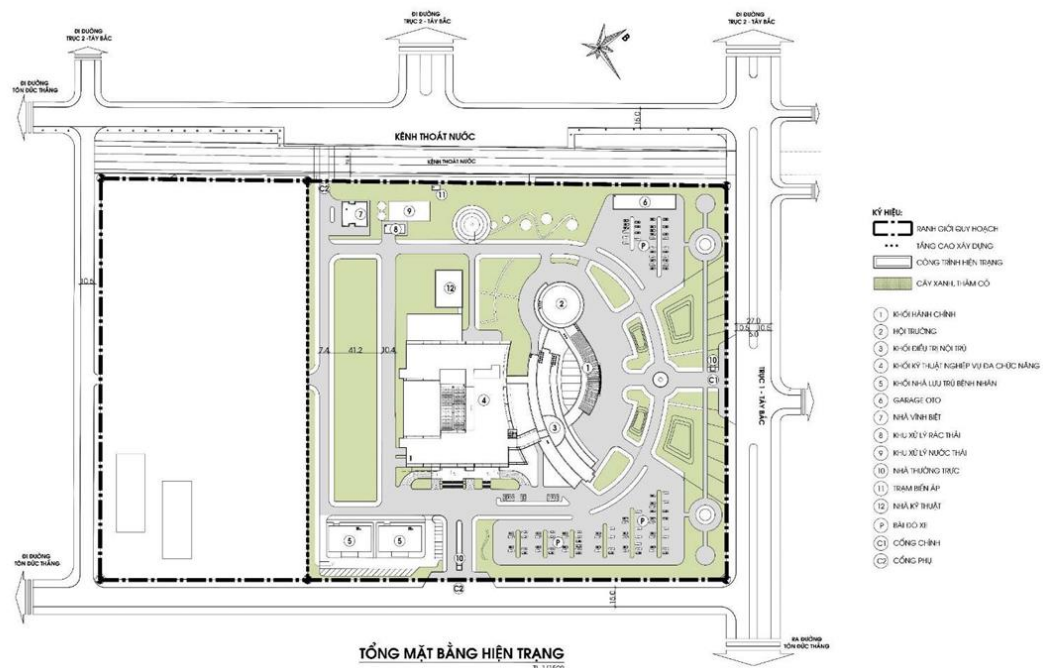
The adjoining boundaries of the site are as follows:

- + North-East: Borders Hoang Thi Loan Street;
- + South-East: Borders Hoang Trung Thong Street and the Social Housing area;
- + North-West: Borders the regional drainage canal;
- + South-West: Borders Tran Trieu Luat Street and the Social Housing area;

* The boundaries of the land plot on Google Maps



Boundaries of the study area



4.Current Status:

4.1. Current Land Use Status:

a. Current Land Use Table:

No.	Component	Area (m ²)	Percentage (%)
I	Medical Land	141.000	100,00
	Hospital Area	100.000	70,92
1.1	Construction Land (Building footprint)	16.260	11,53
1.2	Greenery Land	44.290	31,41
1.3	Traffic Land	39.450	27,98
2	Vacant Land (Planned for Staff/Expert Housing)	41.000	29,08
II	Social Housing Construction Land	9.000	100,00
Total Land Area		150.000	

b. Scale of Current Land Use:

- According to Decision No. 1001/QD-UBND dated February 2, 2009, of the Da Nang City People's Committee approving the Master Plan for detailed construction of the Da Nang Cancer Hospital, and Decision No. 6036/QD-UBND dated July 18, 2011, of the Da Nang City People's Committee approving the adjustment of the 1/500 detailed plan for the Staff Housing Area of Da Nang Cancer Hospital, the total land area for the construction of Da Nang Cancer Hospital is 150,000 m², comprising 02 areas:

- + The hospital area with an area of 100,000 m²;
- + The Cancer Hospital Staff Housing area with an area of 50,000 m²;

- According to Decision No. 1027/QD-UBND dated May 18, 2024, of the Da Nang City People's Committee approving the Zoning Plan for the Da Nang Bay Coastal Area, scale 1/2,000, the construction site for Da Nang Cancer Hospital with a scale of 150,000 m² has been defined with the following functional zones:

- + Existing hospital area with an area of 100,000 m²;
- + Medical land area (currently vacant land) with an area of 41,000 m²;
- + Existing social housing area with an area of 9,000 m² (including 02 social housing blocks, courtyard foundation systems, greenery, etc., surrounding).

c. Current Facilities Status:

Table of Existing Construction Items

No.	Item Name	Number of Stories	Construction Area (m ²)	Floor Area (m ²)
1	Administrative Block	4	1410	2.826
2	Inpatient Treatment Block	10 stories + 01 semi-basement + 01 technical floor	2.708	23.497
3	Auditorium Block	2	1.589	3.591
4	Multi-functional	3 stories + 01 semi-	7.980	29.490

No.	Item Name	Number of Stories	Construction Area (m ²)	Floor Area (m ²)
	Technical Block	basement + 01 technical floor		
5	Patient Relatives' Accommodation and Canteen Block	5	1.385	6.925
6	MEP Technical Block (Electrical & Water)	1	580	580
7	Mortuary - Pathology Block	1	365	365
8	Wastewater and Waste Treatment Area	1	155	155
9	Security House	1	88	88
Total			16.260	67.517

4.2. Current Status of Technical Infrastructure:

a. Transportation:

External transportation: Da Nang Oncology Hospital is located on the Hoang Thi Loan Street axis, which connects to Nguyen Sinh Sac Street (Road Axis 60) and the Hue Junction Overpass (Dien Bien Phu and Ton Duc Thang Streets). With a width of 42m, these are the city's main traffic axes, providing critical conditions for patients to access the hospital most rapidly.

Internal circulation: Includes internal concrete roads with a roadway width ranging from 5.5m to 7.5m and a parking system.

b. Power Supply:

The hospital has 02 dry-type transformers with a capacity of 1,000 kVA/unit serving medical examination and treatment for existing departments. The transformer station is powered by the national grid, ensuring continuous 24/7 power supply, and is equipped with 02 backup generators of 800 kVA.

c. Communication:

There is a complete communication system ensuring communication between rooms, departments, and between hospital levels within the city, domestically, and internationally, including: telephone, mobile phone, fax, internet, etc

d. Water Supply, Drainage, Wastewater Treatment, and Radioactive Waste Treatment:

+ Clean water supplied to the Hospital is sourced from the Da Nang Water Plant, ensuring continuous 24/7 water supply. The hospital's existing underground water tank has a capacity of 500 m³, ensuring supply for domestic use and Fire Protection (PCCC) needs for the entire hospital.

+ The Hospital has separate drainage systems, consisting of a rainwater drainage system and a separate medical wastewater drainage system:

++ Medical wastewater is led into the collection system and directed to the existing wastewater treatment tank with a processing capacity of 360 m³/day-night. Treated wastewater is connected to the city's common drainage system on Hoang

Thi Loan Street.

++ The rainwater drainage system operates independently of the wastewater collection system. Rainwater from the entire hospital area, after collection, drains directly into the open canal in the Northwest and the regional drainage ditch on Hoang Trung Thong Street in the Southeast of the hospital.

++ Nuclear medicine wastewater collection system and treatment tanks: The current radioactive waste treatment system includes 02 treatment tanks with a capacity of 100 m³ each. Domestic wastewater from patients (bathing, washing, sanitation) and instrument washing rooms within the patient treatment area of the Nuclear Medicine Department is collected via PVC pipes and led to the storage tank for storage and treatment. After the storage period, when the radioactive concentration decreases below the permissible level, it is pumped into the common collection system to the centralized waste treatment area for secondary treatment before being discharged to the external system.

++ General waste, infectious waste, and non-infectious hazardous waste:

Waste data by year (kg)	General waste	Infectious waste	Non-infectious hazardous waste
- 2022	- 504.000	- 40.589	- 6.478
- 2023	- 630.000	- 35.178	- 11.725
- 2024	- 630.000	- 51.315	- 8.210

Currently, the capacity of temporary solid waste storage areas still meets the daily waste generation, with no overloading.

Regarding medical waste treatment, the hospital currently signs contracts with functional companies in accordance with environmental regulations to collect and transport it for treatment.

e. Medical Gas System:

The system includes 01 liquid oxygen tank with a volume of 5 m³, and a technical station equipped with 03 air compressors and 03 central vacuum pumps. The medical gas pipeline system is routed to items with demand.

f. Fire Protection System:

The outdoor fire protection system consists of underground pipes, outdoor hydrants, and a 500 m³ underground water tank.

Table 03. Statistical Table of Current Technical Infrastructure Status

No.	Item	Scale
1	Wastewater treatment system	- Processing capacity: 360 m ³ /day-night
2	Wastewater collection system	- Currently operating well
3	Rainwater drainage system	- Currently operating well
4	Power supply system	- Transformer capacity: 2 units * 1000 kVA. - Backup generator capacity: 2 units * 800 kVA.

No.	Item	Scale
5	Water supply system	- Supply pipe system, pumps, and 500 m ³ underground tank.
6	Medical gas system	- Equipped with 1 liquid oxygen tank with 5 m ³ volume, 3 air compressors, and 3 central vacuum pumps.
7	Fire Protection (PCCC) system	- Currently operating well

4.3. General Assessment:

a. Assessment of Current Facilities Status:

The hospital was constructed in 2009 and put into operation in 2012 with an initial scale of 500 beds. To date, the facility has been in use for approximately 13 years, and the treatment scale has increased to 650 beds.

** Inpatient Treatment Block*

- The inpatient treatment area had an initial scale of 500 beds. To date, the treatment scale has increased to 600 beds.

+ In 2016, following the repair and expansion of the 4th floor (General Oncology Department), the hospital requested to increase the planned capacity by an additional 50 beds.

+ In 2020, after converting several staff rooms in clinical departments into patient rooms, the hospital requested to increase the planned capacity by another 50 beds.

However, due to current harsh climatic conditions and frequent overloading during the treatment process, although renovated and repaired multiple times, the small and non-synchronous scale has led to the degradation of several items in the inpatient area, specifically:

+ Public restrooms and restrooms in patient rooms suffer from leakage; most technical shafts have seepage and moldy walls; sanitary equipment is old and damaged; water leaks from upper floors in many locations, failing to ensure hygiene...

+ The gypsum ceiling system is largely old; many locations are decayed or damaged and have been replaced multiple times, resulting in a patchy and unsightly finish...

+ Regarding the HVAC system, many devices are old and rusted... the condensate drainage system is degraded, causing wall seepage and mold in many places.

+ There are still some vacant areas where the facility's functionality has not been fully utilized; the project will propose renovation and repair to ensure the best and most humane patient care conditions.

** Professional Technical Block*

- The current status of the item is still good for use. In 2018, after renovating the old Library area on the 2nd floor to accommodate the Radiotherapy Department, the hospital requested to increase the planned capacity by 50 beds, raising the

hospital's total planned capacity to 650 beds (of which the inpatient block accounts for 600 beds).

- Proposal: Upon completion of the new 400-bed inpatient block, this Radiotherapy Department will be relocated there, and the area will be restored to its original function as the Library.

- The current Professional Technical Block was previously invested with future development scale in mind; based on development up to 2030 with a scale of 1,000 beds, renovation and expansion will be conducted to arrange additional suitable functional areas.

**** Administrative and Auditorium Block***

- The current status of the item is still good for use. However, over time, some locations have degraded or become damaged... requiring renovation and repair, such as:

- + Roof floor, gutters, expansion joints... are leaking;
- + The Polycarbonate roof system at the atrium is old and leaking water;
- + In some specialized rooms, the existing ceiling system and air conditioning piping system are degraded and leaking...;
- + Some electrical and plumbing equipment is damaged or degraded...;
- + Regarding the existing air conditioning system, some equipment has degraded, and some departments/rooms have not yet been equipped.

**** Patient Relatives' Accommodation and Canteen Block***

- This item is underutilized, so many parts are currently degraded. Currently, the 1st floor houses the cooking kitchen and grocery store, while the upper floors are frequently unused. To prevent degradation, it is proposed that the hospital repurpose the facility and conduct suitable renovation and upgrading.

**** Auxiliary Items***

- Mortuary: The current scale meets usage needs; the construction quality ensures usability.

- Waste Collection House: The current scale meets usage needs, but the construction quality is now old and degraded (finishing paint, floor tiles...); requires renovation to prevent degradation and match the general landscape.

- Fence System, Gates, Guard House: Currently old and degraded (finishing paint, guard house floor tiles...); the perforated brick fence system is old and needs upgrading to match the general landscape.

**** Technical Infrastructure System***

Basically, technical infrastructure systems such as power supply, water supply and drainage, medical gas, and wastewater treatment systems... fundamentally meet the Hospital's current operations.

Regarding the radioactive waste treatment tank, overloading currently occurs frequently; the patient's domestic wastewater drainage system drains slowly, affecting treatment work and daily activities at the Nuclear Medicine Department.

5. Design Requirements:

5.1 General Requirements:

a) Items to be Studied:

- New Construction of Inpatient Block: 400 beds with a scale of 10 stories + technical floor. Construction area approx. 3,369 m²; total gross floor area (GFA) approx. 25,261 m².

- Renovation and Upgrading of Existing Blocks, including:

- + Multi-functional Professional Technical Block: 03 stories + semi-basement + technical floor;

- + Inpatient Block: 10 stories + basement + technical floor (increasing medical examination and treatment scale from 500 beds to 600 beds);

- + Administrative Area: 04 stories + attic floor.

- Synchronous Indoor Technical Infrastructure System: Power supply system, lightning protection system, Fire Protection (PCCC), water supply and drainage system, ventilation and air conditioning (HVAC) system, clean air system, medical gas system, Extra Low Voltage (ELV) system (CCTV, PA, Nurse Call, etc.), hot water system, RO water system, specimen transport system, etc.

- Auxiliary Items: Connecting corridor on 02 floors between the new inpatient block and the existing multi-functional professional technical block; technical building with a scale of 01 story (area approx. 125 m²); patient motorcycle parking (area approx. 2,700 m²) and staff parking (area approx. 900 m²); backup generator house; expansion of waste storage house; etc.

- Outdoor Technical Infrastructure System: Wastewater treatment area and radioactive waste treatment tank; wastewater and rainwater collection system; yard and greenery; connecting traffic system; power supply and lighting system; water supply and drainage system, underground water tank, etc

b) General Requirements:

Based on survey results and detailed status analysis, the design plan must strictly adhere to current regulations and standards, propose suitable economic-technical indicators, and simultaneously meet the following core requirements:

1. Regarding Planning and Architecture: **"Connectivity and Symbolism"**

Synchronization and Connectivity: The general layout planning must solve the problem of continuous connection between the New Block (400 beds) and existing blocks and general technical infrastructure, with special attention to connecting ground elevations, traffic, and technical infrastructure. Scientific traffic organization solutions must clearly separate flows (emergency, inpatient, outpatient, waste) to avoid conflicts.

Aesthetics and Symbolism: Create a modern, sustainable architectural form that creates an urban highlight but remains harmonious with the regional landscape. The design needs to minimize the "institutional/hospitalized" feeling, creating psychological comfort for patients. Note the need for a synchronous renovation solution, unifying the aesthetic form for the new block and existing blocks into a harmonious overall whole.

2. Regarding Functionality and Medical Workflow: **"Safe, Scientific, and Humane"**

- Operational Optimization: The design must strictly adhere to the "one-way" principle in healthcare. Traffic flows must be clearly separated: Patients - Medical Staff - Clean Items - Dirty Items/Waste to avoid cross-contamination.

- Meeting Oncology Specifics: Specific functional areas (such as radiotherapy, nuclear medicine, chemotherapy, isolation areas, etc.) must be arranged and designed to absolutely ensure standards regarding radiation safety and infection control.

- Humane Element: Interior spaces (patient rooms, waiting halls) need to be designed based on patient psychology, prioritizing convenience, privacy, and comfort to help reduce psychological pressure for cancer patients and their relatives.

3. Regarding Landscape and Environment: **"Hospital in a Park Model"**

Landscape Design towards "Green - Healing": Maximize greenery, gardens, natural light, and natural ventilation in waiting halls, corridors, and public spaces to support the patient's recovery process and reduce stress for medical staff, creating a fresh, relaxing environment that actively supports health recovery (Healing Environment).

4. Regarding Technology and Feasibility: **"Smart and Economical"**

- Smart Hospital: Technical infrastructure must be ready for the application of digital technology in medical examination/treatment management and building operation (Smart Hospital).

- Energy Efficiency: Prioritize passive architectural solutions (natural ventilation, natural lighting, thermal insulation envelope) combined with high-performance MEP equipment to minimize energy costs throughout the project's life cycle.

- Construction Measures: Propose structural solutions and construction measures suitable for geological conditions, ensuring absolute safety and minimizing noise and dust affecting the medical examination and treatment activities of adjacent areas.

5.2 Specific Requirements:

The design consultant must strictly adhere to the approved planning indicators and investment scale:

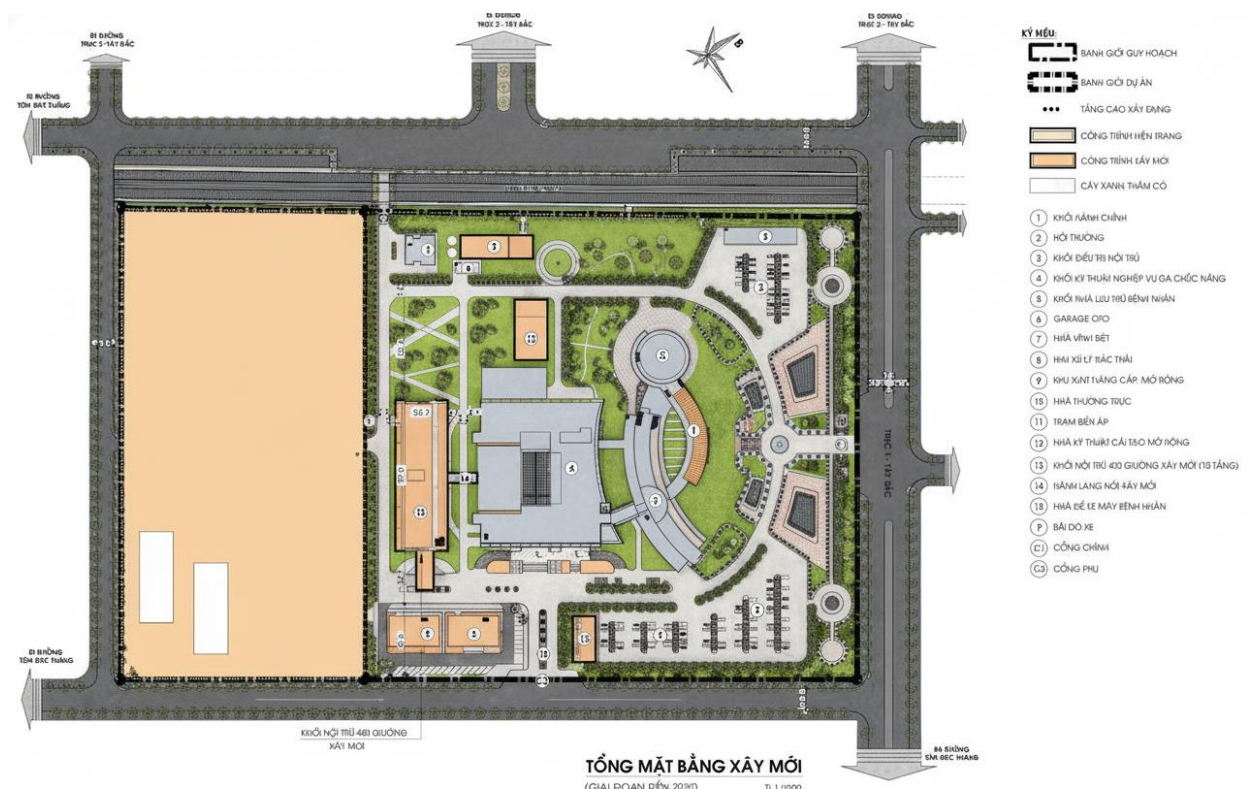
- Decision No. 1001/QD-UBND dated February 2, 2009, of the City People's Committee regarding the approval of the Detailed Construction Planning Master Plan of Da Nang Cancer Hospital; Decision No. 6036/QD-UBND dated July 18, 2011, of the City People's Committee regarding the approval of the adjustment to the 1/500 detailed planning for the Staff Housing Area of Da Nang Cancer Hospital.

- Decision No. 1746/QD-UBND dated October 1, 2025, of the City People's Committee regarding the approval of the investment policy for the project: New Construction Investment of the 400-bed Inpatient Treatment Block of the Oncology Hospital.

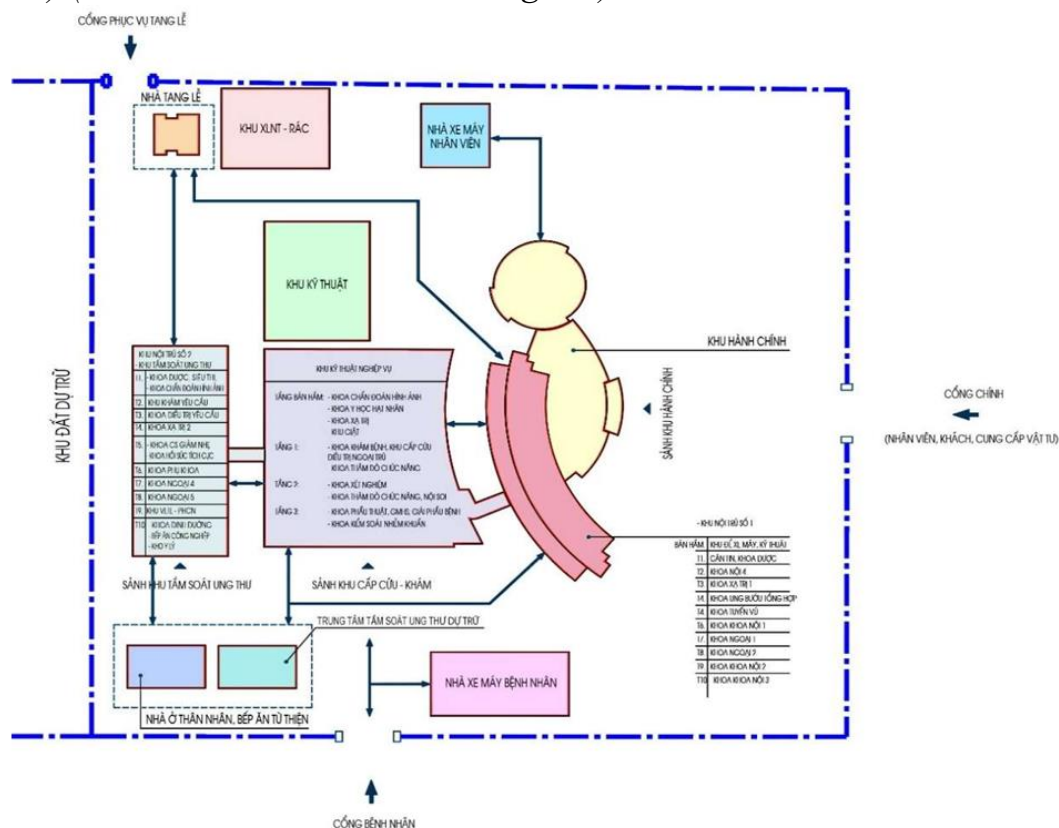
Specifically as follows:

a) Requirements for General Layout Planning & Spatial Organization:

- Construction Location: The new block is located in the reserve land area (West of the site), ensuring setbacks and construction density in accordance with regulations.



(General Layout - Construction Location of the 400-bed Inpatient Treatment Block) (Overall Functional Flow Diagram)



Overall functional flow diagram

- Traffic Organization:

Establish separate traffic flows for the New Block while ensuring seamless connection with the existing internal traffic system.

Strictly separate flows: Emergency - Inpatients - Visitors - Medical Staff - Waste/Soiled Items.

Arrange parking areas (motorcycles, cars) reasonably, prioritizing smart parking solutions or semi-basements to conserve land area for greenery.

- Landscape: Maximize areas for greenery, water features, and walking gardens; create connections between the new block and the general landscape, realizing the "Hospital in a Park" concept.

- Planning and Urban Design Solutions: Ensure compliance with the Zoning Plan of Da Nang Bay Coastal Area approved by the City People's Committee in Decision No. 1027/QD-UBND dated May 18, 2024; the Da Nang City Planning for the period 2021-2030, vision to 2050 approved by the Prime Minister in Decision No. 1287/QD-TTg dated November 2, 2023; and compliance with the National Technical Regulation on Construction Planning QCVN 01:2021/BXD and relevant regulations. Note that the proposed location for new construction blocks within the overall hospital premises must be suitable and synchronously connected with existing blocks, optimizing functional and traffic connections to serve the public's medical examination and treatment needs, while harmonizing with the architecture and general aesthetics of the entire Hospital.

b) Requirements on Scale and Technical Indicators (New Block):

- Height Scale: 10 above-ground stories + technical floor (and basement/semi-basement if proposed by the design solution to optimize functionality).

- Construction Area: Approx. 3,369 m².

- Total Gross Floor Area (GFA): Approx. 25,261 m².

- Bed Capacity: 400 beds.

c) Detailed Requirements for Functional Workflow (New Block):

The functional structure of floors needs to be arranged scientifically, adhering to the "one-way" principle in healthcare and infection control. The functional zoning orientation is as follows:

Zone/Division	Proposed Location	Construction Floor Area (m ²)	Function & Detailed Design Task	Bed Capacity
Podium Block (Reception & Paraclinical)	1st Floor	3.369	Reception Hall, Pharmacy, Paraclinical Area: - Layout: Pharmacy Department, Diagnostic Imaging Area, Functional Exploration, Convenience Store/Mini-mart. - Requirements: The reception hall must be spacious and airy, ensuring effective patient flow separation and convenient connection to the Emergency Department (if any) and other departments.	
	2nd Floor	3.476	Outpatient Department (OPD) & Administration:	

Zone/Division	Proposed Location	Construction Floor Area (m ²)	Function & Detailed Design Task	Bed Capacity
			- Layout: International Examination Area, General Examination Area, IT Area & Auditorium. - Requirements: Friendly waiting spaces to reduce stress. Modern multi-purpose auditorium.	
Tower Block (Inpatient Treatment)	3rd Floor	2.270	International & On-demand Department: - Design: Designed to hotel standards, ensuring privacy and high-class amenities for patients.	48
	4th Floor	2.270	Radiotherapy Department 2: - Function: Inpatient treatment area for care and health monitoring of patients undergoing radiotherapy courses. - Circulation: Located in the most convenient position to access the vertical circulation axis, ensuring rapid and separate connection for patients moving down to the radiotherapy technical area (Bunker). - Amenities & Hygiene: Designed with airy spaces, using clean and antibacterial finishing materials. Special attention to restroom details (water source, fixtures) suitable for the specific needs of patients with sensitive skin due to radiotherapy. Note: Patients treated with radioisotopes must stay in specialized rooms with lead-lined walls, ceilings, and floors to prevent radiation leakage. The domestic wastewater system from these rooms must follow a separate line to a decay tank for	85

Zone/Division	Proposed Location	Construction Floor Area (m ²)	Function & Detailed Design Task	Bed Capacity
			radiation decomposition before being discharged into the environment. Caregivers must strictly adhere to distance and time exposure regulations.	
	5th Floor	2.270	Palliative Care & Intensive Care Unit (ICU): - Requirements: A quiet environment with high sterility; strict control of lighting and noise. - Requirements: Must have positive pressure rooms for severely immunocompromised patients, ensuring air in the room is always filtered and clean.	32
	6th Floor	2.270	Gynecology Department: - Design: Delicate, discreet space suitable for female patient psychology.	65
	7th Floor	2.270	Surgery Department 4 (Urology – Hepatobiliary – Pancreatic): - Design: Optimization of the nurse station for effective observation of patient rooms.	85
	8th Floor	2.270	Surgery Department 5 (Thoracic – Endocrinology): - Design: Ensure natural ventilation combined with a modern air filtration system.	85
	9th Floor	2.270	Physiotherapy & Rehabilitation: - Design: Open space connected to healing gardens (if any), anti-slip exercise floors, and mobility support equipment.	
Logistics & Technical Area	10th Floor	2.270	Nutrition & Canteen: - Layout: Nutrition Department, Industrial Kitchen (one-way flow), Staff/Patient Canteen, Medical Supplies	

Zone/Division	Proposed Location	Construction Floor Area (m ²)	Function & Detailed Design Task	Bed Capacity
			Warehouse. Ensure odor exhaust and food safety/hygiene. Note: Consider relocating to the basement/semi-basement to ensure convenience for general hospital service, avoid contamination, facilitate transportation/delivery of goods, cleaning, and fire protection. This also prioritizes quiet zones and areas with beautiful views for administration, auditoriums (requiring large spaces), or high-end service treatment areas..	
	Technical Floor	256	Technical System: Layout of machine rooms, water tanks, MEP systems, etc.	
Total		25.261		400

Note: The area parameters and bed numbers mentioned above are mandatory indicators according to the Decision approving the investment policy. The Consultant may propose local adjustments to the location of departments within the same functional zone to optimize the operational workflow, but must ensure the total floor area and bed scale remain unchanged.

- Conform to standards and norms for workplace usage, working area, common use area, and specialized area according to Standard TCVN 4470:2012 General Hospital - Design Standard.

d) Requirements for Connectivity and Auxiliary Items:

- Connecting Corridor: Design a connecting corridor (scale of 02 floors) connecting the new Inpatient Block and the existing Multi-functional Professional Technical Block.

Requirement: Must effectively resolve the floor elevation issue between the 2 buildings, ensuring convenient patient transport by stretcher, while simultaneously serving as an aesthetic highlight connecting the new and old architecture.

- Parking: Rearrange or newly build the Patient Parking (approx. 2,700 m²) and Staff Parking (approx. 900 m²); consider options for multi-story parking or semi-basement parking to conserve land.

- Technical Infrastructure: Synchronously renovate and upgrade the wastewater treatment system, radioactive waste treatment tank, transformer station, medical waste storage house, etc., ensuring capacity for the entire hospital (1,000 beds).

e) Requirements for Architectural Form:

- The building massing needs to be modern and coherent, demonstrating the characteristics of a high-tech medical facility.
- Prioritize the use of sustainable materials adapted to the tropical monsoon climate and the coastal environment of Da Nang.
- Colors should be elegant, creating a sense of cleanliness, reassurance, and hope (Healing Architecture).
- Ensure the building can be easily operated in both natural ventilation and air conditioning modes (depending on weather conditions and indoor microclimate). This is crucial for hospital buildings, where contact with nature is important in the patient recovery process.

5.3. Other Requirements:

In addition to the main planning and functional requirements, the competition entry must meet the following enhanced criteria:

a) Architectural Aesthetics:

- Building Status: The design must affirm the stature of a Grade I specialized hospital, the final-line cancer treatment center for the Central and Central Highlands regions. The architectural form should be modern, distinctive, and create an urban landmark at the northwestern gateway of the city.
- Architectural Message: The design language should reflect Humanism – Science – Modernity. The building's image must symbolize "Revival and Healing," creating a sense of trust, reassurance, and hope for patients.
- Landscape Harmony: The architectural solution must harmonize with the surrounding space, emphasizing a smooth connection between the new building, existing buildings, and the natural landscape.
- Artistic lighting: Proposing architectural lighting solutions for nighttime use (façade lighting) that enhance the beauty of the building and contribute to urban aesthetics, while ensuring that light pollution does not affect the inpatient treatment area.

b) Functional and Traffic Organization:

- Scientific Flow Management: The spatial organization must ensure absolute separation between clean and dirty areas; between sterile areas and general areas. Corridors, waiting areas, and doorways must meet standard dimensions for transporting patients on stretchers and with medical equipment.
- Human-Centric Design: Interior spaces and traffic flow must be friendly and easily accessible to all users (elderly, children, people with disabilities). Emphasis should be placed on comfort and convenience for patients, their families, and medical staff.
- Accessibility and Connectivity: External and internal traffic solutions must be seamless, easily accessible from main roads, and ensure quietness, hygiene, and isolation from sources of contamination.

c) Technical and Technological Solutions (Smart Hospital):

- Structure and Materials: Propose sustainable structural solutions suitable for the coastal geological and climatic conditions. Prioritize the use of green, environmentally friendly, and highly durable building materials that are easy to

maintain.

- Mechanical and Electrical (MEP) Systems: Design a modern, integrated MEP system ready for integration with "Smart Hospital" technologies. Ensure absolute compatibility between the technical infrastructure and specialized medical equipment (radiotherapy machines, diagnostic imaging equipment, etc.).

- Energy: Prioritize energy-saving solutions, utilize renewable energy (rooftop solar power, etc.), and optimize natural ventilation and lighting to reduce operating costs.

d) Fire Safety and Fire Prevention Requirements:

The design plan must strictly comply with QCVN 06:2022/BXD and current regulations on fire prevention and fighting, specifically:

- Fire resistance rating: Ensure the fire resistance rating is appropriate for the scale and nature of the high-rise medical building. There must be effective solutions to prevent fire spread between fire compartments and between new and old building blocks.

- Escape routes: The escape route system (staircases, corridors, doors) must be scientifically arranged, sufficient in number and size. The signage, emergency lighting, and smoke extraction ventilation systems must ensure reliable operation for rapid evacuation.

- Fire prevention and fighting system: Equip the building with a comprehensive automatic fire alarm and extinguishing system suitable for the function of each area (especially paying attention to areas with expensive medical equipment and archives).

- System safety: The electrical, lightning protection, and anti-static systems must ensure absolute safety and eliminate the risk of fire and explosion.

6. Regarding the Economy:

- Comply with Decision No. 1746/QĐ-UBND dated October 1, 2025, of the Da Nang City People's Committee on approving the investment policy for the project to build a new 400-bed inpatient treatment block for the Oncology Hospital and upgrade and renovate the existing Oncology Hospital.

Total investment: VND 988,653,468,000 (In words: Nine hundred eighty-eight billion, six hundred fifty-three million, four hundred sixty-eight thousand dong). Of which, construction costs (estimated): VND 357,085,128,000.

In case the total investment exceeds the approved amount, the design plan must include an explanation of the optimality and reasonableness of the proposed solution.

- Operational efficiency: The consulting firm needs to propose design, material, and technology solutions to optimize initial investment costs while ensuring energy savings and minimizing operating, maintenance, and repair costs throughout the project's lifespan.

- The competition entry must include a preliminary cost estimate for the project, clearly stating the total estimated cost including design costs and other related expenses, showing the investment per item, the calculation basis, and a preliminary economic efficiency analysis.