

Description of the Subject of Procurement

Paragraph 1.1. Title of the Subject of Procurement

Services for preparation of design-cost estimation documentation for the “Infectious Pathology, HIV and Clinical Immunology Scientific-Practical Center” Non-commercial Legal Entity” located in Tbilisi.

Paragraph 1.2. Description of Services and Terms of Reference

1.2.1. Project Brief Description

The Municipal Development Fund of Georgia intends to procure engineering-design services required for construction of the “Infectious Pathology, HIV and Clinical Immunology Scientific-Practical Center” located in Tbilisi. The land plot area is 5 000 m². Estimated rentable area of the design building(s) is 10 567 m². The design should provide for accommodation of 100 beds.

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1.2.2.1. Scope and Main Requirements of Deliverable Services.

The design-cost estimation documentation shall be prepared in line with construction norms and regulations effective in Georgia, and in accordance with European Standards. Current construction norms and regulations (Decree of the Government of Georgia #41, 28.01.2016, Tbilisi, Technical Regulations “On Approval of the Safety Rules for the Buildings-Structures”) shall also be taken into consideration in the process of design preparation. The design-cost estimation documentation shall provide for the measures of adapting the building to the needs of disabled.

The design-cost estimation documentation shall provide for arrangement of the following facilities:

1. Administrative service
 - 1.1. Head of Administration;
 - 1.2. Room for the members of administration;
 - 1.3. Executive Director;
 - 1.4. Medical (clinical) Director in the field of general infections;
 - 1.5. Medical (clinical) Director in the field of HIV infection/Aids;
 - 1.6. Scientific Director;
 - 1.7. Financial Director
 - 1.8. Commercial Director;
 - 1.9. Director in the field of Technics and Technologies;
 - 1.10. Manager of Nursing Activities;
 - 1.11. Common Department (HR, office);
 - 1.12. Financial Economic Services:
 - s) Accounting office – 6 work places;
 - ð) Economists – 4 work places;
 - c) Cash desk;
 - d) Archive.
 - 1.13. Jurist;
 - 1.14. Procurement Unit;
 - 1.15. Statistics and Archive;
 - 1.16. Epidemiologist (Hospital Epidemiologist);
 - 1.17. Meeting room (round table for 20 persons);
 - 1.18. Conference Hall (auditorium, large – for 80 persons);
 - 1.19. Small auditorium (for 40 persons);
 - 1.20. Safety Service;

- 1.21. Toilet for staff;
- 1.22. Toilet for visitors.
- 2. Department of Infectious Diseases of the Tbilisi State Medical University
 - 2.1. Full Professor – 1;
 - 2.2. Common-room – 1 room with 5 desks;
 - 2.3. Lecture room – 3 (for 15-20 students);
 - 2.4. Other requisite facilities.
- 3. Department of Infectious Diseases of the Tbilisi Ivane Javakhishvili State University (former Sub-faculty):
 - 3.1. Full Professor – 1;
 - 3.2. Common-room – 1;
 - 3.3. Lecture room – 2 (for 15-20 students);
 - 3.4. Other requisite facilities.
- 4. Polyclinic Unit
 - 4.1. Head (Director) of polyclinic unit;
 - 4.2. Reception / registration office;
 - 4.3. Waiting room / lobby;
 - 4.4. Cloak room for visitors;
 - 4.5. Consulting room for infectionist – 8;
 - 4.6. Consulting room for medical specialist– 6;
 - 4.7. Consulting room for voluntary consultancy to and testing of the HIV risk group representatives (VCT) – 2;
 - 4.8. Room for anonymous AIDS testing – 1 (consulting room and blood test room);
 - 4.9. Day in-patient department - for 10 beds;
 - 4.10. Manipulation room – 2;
 - 4.11. Senior hospital nurse in the field of general infections – 1;
 - 4.12. Senior hospital nurse in the field of HIV/AIDS– 1;
 - 4.13. Room for hospital nurses – 2;
 - 4.14. HIV/AIDS medications issuance room;
 - 4.15. Room for the charlady;
 - 4.16. Room for the junior medical staff;
 - 4.17. C hepatitis elimination program Unit (waiting rooms, manager, cashier, blood test rooms, security room, room for issuance medications, medications' storage room, room for counting medications).

Note: The Polyclinic Unit shall be provided with regulable ventilation, for creation of negative pressure environment.

- 5. In-patient department for 100 beds
 - 5.1. Reception
 - Express diagnostics lab adhering to standards of infectious disease establishments, with emergency block and small operating room
 - Hospitalization coordinator and manager of cooperation with insurance companies
 - 5.2. Clinical Department, two clinical box units for HIV/AIDS infected patients
 - 5.2.1. Clinical box unit for HIV/AIDS infected patients – for 12 beds, 2-bed ward (box) – 2 (1 box adapted for pediatric patients)
 - 1-bed ward (box) – 6
 - 2-bed emergency ward (box) - 1
 - 5.2.2. Clinical (box) unit for HIV/AIDS and tuberculosis co-infected patients and for patients infected with other air-borne infections - 11 beds
 - 2-bed ward (box) – 2 (1-box to be adapted for pediatric patients)
 - 1-Bed ward (box) – 5
 - 2-bed emergency ward (box) - 1

Note: the wards (boxes) shall have a front room (prebox) and two-way isolated entrance and a special ventilation

with pressure regulation for creation of negative pressure environment.

- 5.3. Block with boxes for the patients with respiratory and droplet infections' (for isolation) and parenteric fever – 26 beds;
 - 2-bed ward (box) – 7 (1 box to be adapted for pediatric patients)
 - 1-bed ward (box) – 10
 - 2-bed emergency ward (box) - 1

Note: the wards (boxes) shall have a front room (prebox) and two-way isolated entrance and a special ventilation with pressure regulation for creation of negative pressure environment.

- 5.4. Unit of central nervous system infections – 8 beds;
 - 1-bed ward – 2
 - 2-bed ward – 2 (1 ward to be adapted for pediatric patients)
 - 2-bed emergency ward - 1
- 5.5. Department of Gastroenterology

- I hepatologic unit – 8 beds
 - 1-bed ward – 2 (1 ward to be adapted for pediatric patients)
 - 2-bed ward – 2
 - 2-bed emergency ward - 1
- II hepatologic unit – 8 beds
 - 1-bed ward – 2 (1 ward to be adapted for pediatric patients)
 - 2-bed ward – 2
 - 2-bed emergency ward - 1
- Enteric infections unit – 12 beds
- 1-bed ward – 2
- 2-bed ward – 4 (1 ward to be adapted for pediatric patients)
- 2-bed emergency ward - 1

5.3 Resuscitation unit for 15 beds

- Hall – 5 beds
- 2-bed box – 3 (1 box to be adapted for pediatric patients)
- 1-bed box – 4

Note: The following is to be provided in each clinical unit: room for the unit head, staff lounge, room for the senior nurse, room for nurses, room for the charlady, room for the junior medical staff, medical treatment room, canteen, storeroom and other requisite facilities.

- 6. Block of detoxification and extracorporeal treatment (plasmapheresis, dialysis, so called artificial liver apparatus, etc.).
- 7. Epidemiological Unit
 - Head of the Unit – 1 room
 - Epidemiologists / Social workers – 3 rooms each with 3 desks
- 8. Scientific group
 - Group leader – 1 room
 - Scientists – 1 room with 4 desks
- 9. Electronic database management group
 - Group leader – 1 room
 - Operators - 1 room with 4 desks
- 10. IT Unit
 - Head of the Unit - 1 room
 - Programming specialists – 1 room with 3 desks

Studio – 2 rooms
Storeroom – 1 room

11. Laboratorial Office

Note: During design of laboratorial office, permit requirements determined for laboratorial activities should be taken into consideration.

- 11.1. Clinical diagnostics laboratory;
- 11.2. Clinical chemistry laboratory;
- 11.3. Molecular diagnostics laboratory (polymerize chain reaction, genetic typing of viruses (HIV, HBV, HCV, HPV etc.), determining antiretroviral preparations' resistance etc.).
- 11.4. Microbiological laboratory
 - 11.4.1. General bacteriological laboratory
 - 11.4.2. Mycobacterium laboratory
 - 11.4.3. Mycological laboratory
- 11.5. Clinical immunology laboratory
- 11.6. Serologic (AIDS diagnostics) laboratory

11.7. Pathologic laboratory

Note:

- 1. Each laboratory shall be arranged in accordance with standards adhering to the given type;
- 2. All laboratories shall meet biosafety **level 2 (BSL 2)** except for one block, which is to adhere to biosafety **level 3 (BSL 3)**.

12. Instrumental diagnostics office (shall serve in-patients and polyclinic patients)

Note: The instrumental diagnostics office, and especially the roentgenologic and radiologic diagnostics' units shall not be located in the pregnant patients' and childrens' wards' adjacent areas.

12.1. Functional diagnostics unit (electrocardiography, spirometry etc.)

- Room for the office head – 1;
- Electrocardiography room – 1;
- Spirometry room – 1;

12.2. Ultrasonic diagnostics unit

- Unit head's room – 1;
- Heart and vascular system ultrasonic diagnostics room – 1;
- Abdominal cavity ultrasonic diagnostics room – 2;
- Toilets and other amenities;

12.3 Roentgenologic and radiologic diagnostics' units

12.3.1 Unit head – 1;

12.3.2. Room for roentgenodiagnostics

- Roentgenologist's (radiologist's) room;
- Nurse's room;
- Radaioscopy and roentgenography room;
- Photolaboratory;
- Other facilities.

12.3.3 Computed tomography office

- Radiologist's room
- Nurse's room
- Computed tomography room
- Photolaboratory;

- Other facilities.

12.3.4 Ultrasonic examination room

- Radiologist's room;
- Nurse's room;
- Ultrasonic tomography room;
- Photolaboratory;
- Other facilities.

12.4 Endoscopic Unit

12.4.3 Unit head – 1;

12.4.4 Gastrofibroscopy office

- Endoscopist and nurse – 1;

12.4.5 Colonofibroscopy office

- Endoscopist and nurse – 1;

12.4.6 Bronchoscopy office

- Endoscopist and nurse – 1;

13 Toilets and other amenities;

13 Pharmacy;

14 Disinfection and sterilization block;

15 Laundry;

16 Nutrition block (kitchen for employees and patients, canteen/dining hall for staff) will serve in-patients and staff;

17 General service block (including autonomous power supply, oxygen, etc.);

18 Internal telephone network(IP);

19 Internal computer network – 300 computers;

20 Library;

21 Warehouse;

22 Morgue;

23 Parking lots inside or outside the building (roofed type), based on design – for 6 vehicles;

24 Watch box;

25 Wastewater treatment plant strictly selected in accordance with specifics of establishment (existence of latter is required for treatment of wastewater before its discharge into sewerage system).

General remarks to be taken into consideration during design works, including those with respect to permit requirements:

- Number of floors in the building to be determined in accordance with the allotted land plot area and relief;
- For interfloor connection, the building is to be provided with staircase and elevators, including those for transportation of bed-patients;
- Conditions required for safe conveyance of disabled are to be provided;
- The building shall have an evacuation (emergency) exit;
- An orderly flow of patients and staff is to be provided in order to prevent intersection of “dirty” and “clean” zones;
- The rooms shall have natural as well as artificial lighting sources;
- Permanent water supply is to be provided;
- Permanent power supply is to be provided;
- Stable temperature regime is to be provided;
- In clinical units, width of corridors shall not be less than 1.8 m;
- In the center, in appropriate places, ramps are to be provided for conveyance of disabled;
- There shall be considered the toilets adjusted to the Disabled Persons at the Center;
- On the territory of the Center there are to be arranged the medically pure oxygen supply system and unit for storing of oxygen tanks;
- The site shall be fenced with decorative metal fence, there are to be arranged also two checkpoints (ceremonial and service ones) on the site;
- The Center shall be equipped with fire safety system as well as with outward and internal hydrants;

- At the designing stage of the Center there shall be considered arranging of parking on an unused area of the site with consideration of quantity and dynamics of the organization (staff, number of beds), providing at that the signs of parking;
- Spare sources of power and water supplies required for operation of the Center (generator, fuel and water tanks);
- The site lighting shall be provided along the perimeter of the building and on road accessing the building;
- There shall be considered the drainage system on the site;
- Motor road (pavement or asphalt concrete) shall be arranged up to the central entrance of the building;
- The Center shall be provided with the ventilation system (artificial and natural ventilation);
- There shall be arranged internal and external video surveillance system in the room of the Guard;
- The boiler of relevant capacity shall be considered to be arranged at either Center building or at an auxiliary one;
- Aimed at reducing thermal loss of the building the design shall comprise of power efficient arrangements, power efficient decisions concerning ventilation and lighting systems;
- Designing of the Center shall be executed in full compliance with permission terms, standards and regulations that are stipulated for similar type of institutions under effective Legislation of Georgia.

Rough calculation of the areas of structural units of the design complex

#	Structural units and their utility rooms	Quantity	Minimal area in m2		Note
			Of one room	Total	
1	2	3	4	5	6
1	Administrative Office			917.0	
1.1	Office, rest room, and toilets for the Head of Administration	1	44.0	44.0	Offices - 30; rest rooms - 10; bathroom units – 4,0
1.1.1	Reception of the Head of Administration	1	16.0	16.0	
1.2	Rooms for the members of administration	1	20.0	20.0	
1.3	Office of Executive Director	1	39.0	39.0	Offices - 20; Receptions - 16; Bathroom units – 3.0
1.4	Office of the Medical (clinical) Director in the field of general infections	1	22.0	22.0	Bathroom Unit
1.5	Office of the Medical (clinical) Director in the field of HIV infection/Aids	1	22.0	22.0	Bathroom Unit
1.6	Office of the Scientific Director	1	18.0	18.0	
1.7	Office of the Financial Director	1	18.0	18.0	
1.8	Office of the Commercial Director	1	18.0	18.0	
1.9	Office of the Director in the field of Technics and Technologies	1	18.0	18.0	
1.10	Office of the Manager of Nursing activities	1	14.0	14.0	
1.11	Common Department			38.0	
1.11.1	HR unit room	1	16.0	16.0	2 desks
1.11.2	Office	1	22.0	22.0	3 desks
1.12	Financial-economic service			96.0	
1.12.1	Chief accountant	1	14.0	14.0	
1.12.2	Accounting office	1	35.0	35.0	6 desks
1.12.3	Chief economist	1	14.0	14.0	
1.12.4	Economists' room	1	24.0	24.0	4 desks
1.12.5	Cash-desk	1	4.0	4.0	
1.12.6	Archive	1	5.0	5.0	
1.13	Jurist's office	1	18.0	18.0	

1.14	Procurement Unit	1	18.0	18.0	
1.15	Statistics' Unit	1	12.0	12.0	
1.16	General archive			60.0	
1.16.1	Medical history archive room	1	35.0	35.0	
1.16.2	Administrative and Financial documentation archive room	1	25.0	25.0	
1.17	Epidemiologist's (Hospital Epidemiologist) consulting room	1	12.0	12.0	
1.18	Meeting room	1	45.0	45.0	20 seats
1.19	Conference hall - auditorium	1	160.0	160.0	80 seats
1.2	Small auditorium	1	80.0	80.0	40 seats
1.21	Room for security service	1	12.0	12.0	
1.22	Toilet for women	1	8.0	8.0	2 units, tambour with washbasins
1.23	Toilet for men	1	9.0	9.0	2 units, 1 urinal, tambour with washbasins
1.24	Corridors	1	100.0	100.0	
2	Department of Infectious Diseases of Tbilisi State Medical University			174.0	
2.1	Full Professor's office	1	18.0	18.0	
2.2	Common room	1	30.0	30.0	5 desks
2.3	Lecture room	3	25.0	75.0	15 students
2.4	Toilet for women	1	8.0	8.0	2 units, tambour with washbasins
2.5	Toilet for men	1	5.0	5.0	1 unit, 1 urinal, tambour with washbasins
2.6	Storeroom	1	6.0	6.0	
2.7	Corridors			32.0	
3	Department of Infectious Diseases of Tbilisi Ivane Javakishvili State University			137.0	
3.1	Full Professor's office	1	18.0	18.0	
3.2	Common room	1	24.0	24.0	4 desks
3.3	Lecture room	2	25.0	50.0	15 students
3.4	Toilet for women	1	8.0	8.0	2 units, tambour with washbasins
3.5	Toilet for men	1	5.0	5.0	1 unit, 1 urinal, tambour with washbasins

3.6	Storeroom	1	6.0	6.0	
3.7	Corridors			26.0	
4	Polyclinic Division			953.0	
4.1	Head (Director) of Polyclinic Division	1	16.0	16.0	
4.2	Reception/Registration Office	1	12.0	12.0	
4.3	Waiting Area/Hall	1	60.0	60.0	
4.4	Cloakroom for visitors	1	15.0	15.0	
4.5	Head of HIV/AIDS Clinic Division	1	16.0	16.0	
4.6	Office of Infectious Disease Physician (HIV/AIDS)	6	14.0	84.0	
4.7	Office of Infectious Disease Physician (general infections)	6	14.0	84.0	
4.8	Offices of medical specialists	6	14.0	84.0	Specialists of non-infectious profile
4.9	Voluntary Consultation and Testing (VCT) Office of HIV Infections for risk group members	2	12.0	24.0	
4.10	Office of anonymous test for AIDS			24.0	
4,10,1	Consultation Room	1	12.0	12.0	
4,10,2	Blood test room	1	12.0	12.0	
4.11	Daily in-patient department				
4,11,1	1-bed ward (daily in-patient department)	2	12.0	24.0	
4,11,2	2-bed ward (daily in-patient department)	1	16.0	16.0	
4,11,3	3-bed ward (daily in-patient department)	2	24.0	48.0	
4.12	Room for medical procedures/blood taking	2	16.0	32.0	
4.13	Room of Head Nurse in general infections field	1	14.0	14.0	
4.14	Room of Head Nurse in HIV/AIDS field	1	14.0	14.0	
4.15	Room of Nurses	2	12.0	24.0	
4.16	Room of Nursing Assistant	1	10.0	10.0	
4.17	Room for HIV/AIDS Medicine Distribution	1	12.0	12.0	
4.18	Room for junior medical staff	1	10.0	10.0	
4.19	Storeroom	2	6.0	12.0	
4.20	Toilet for Women (Staff)	2	3.0	6.0	1 box, tambour with the washstand

4.21	Toilet for Men (Staff)	2	5.0	10.0	1 box, 1 urinal, tambour with the washstand
4.22	Toilet for Women (Patients)	2	3.0	6.0	1 box, tambour with the washstand
4.23	Toilet for Men (Patients)	2	5.0	10.0	1 box, 1 urinal, tambour
4.24	Division of Program for Hepatite Elimination			178.0	
4.24.1	Registration Office/Triage/Blood Taking				
4.24.1.1	Waiting area	1	25.0	25.0	
4.24.1.2	Manager's Room	1	16.0	16.0	
4.24.1.3	Room of cashier-registrator	2	10.0	20.0	
4.24.1.4	Blood taking room	2	10.0	20.0	
4.24.2	Medicine Distribution and Counting Unit				
4.24.2.1	Waiting Area	1	25.0	25.0	
4.24.2.2	Guards Room	1	12.0	12.0	
4.24.2.3	Room for medicine storage	1	12.0	12.0	
4.24.2.4	Room for distribution of medicine	2	16.0	32.0	2 work places
4.24.2.5	Room for medicine counting	1	16.0	16.0	
4.25	Sanitary Room	1	8.0	8.0	
4.26	Corridors (of at least 1.8m width)			100.0	
5	In-patient department for 100 beds			4146.0	
5.1	Reception with the Emergency Therapy Unit			463.0	
5.1.1	Office of Division Head	1	14.0	14.0	
5.1.2	Doctors' Room	1	16.0	16.0	2 workplaces
5.1.3	Entrance Hall	1	20.0	20.0	
5.1.4	Registration Office	1	8.0	8.0	
5.1.5	Room of Head Nurse	1	12.0	12.0	
5.1.6	Room of Nurses	1	10.0	10.0	
5.1.7	Room of Nursing Assistant (clean linen)	1	10.0	10.0	
5.1.8	Room for junior medical staff	1	10.0	10.0	
5.1.9	Reception Box for 1 place	4	18.0	72.0	Box, Pre-box, toilet
5.1.10	Tambour for reception boxes (dirty) common for 5.1.3 and 5.1.4	1	6.0	6.0	
5.1.11	Block of emergency therapy			97.0	

5.1.11.1	Block of emergency therapy - boxes	4	18.0	72.0	Box, pre-box, toilet
5.1.11.2	Surgery Block for minor operations and invasive interventions	1	25.0	25.0	
5.1.12	Rapid Test Lab			76.0	
5.1.12.1	Room (Office) of Laboratory Doctors	1	16.0	16.0	2 workplaces
5.1.12.2	Lab	1	30.0	30.0	
5.1.12.3	Laundry	1	12.0	12.0	
5.1.12.4	Storeroom	1	6.0	6.0	
5.1.12.5	Room for treatment of material	1	12.0	12.0	
5.1.13	Store House for sterile material	1	8.0	8.0	
5.1.14	Storeroom	1	8.0	8.0	
5.1.15	Toilet and Shower Unit for Women (Staff)	1	6.0	6.0	1 box, tambour with the washstand, shower unit
5.1.16	Toilet and Shower Unit for Men (Staff)	1	6.0	6.0	1 box, tambour with the washstand, shower unit
5.1.17	Room of Hospitalization Coordinator and Manager of Working with Insurance Companies	1	16.0	16.0	2 workplaces
5.1.18	Corridor (of at least 1.8 m width)			60.0	
5.1.19	Sanitary Room	1	8.0	8.0	
5.2	Clinical Department for HIV/AIDS infected patients			915.0	
5.2.1	Clinical (Boxes) Division for HIV/AIDS infected patients for 12 beds			474.0	
5.2.1.1	2-bed ward (box)	2	28.0	56.0	Box, pre-box, toilet, tambour (dirty) 1 box should be adjusted to pediatric patients)
5.2.1.2	1-bed ward (box)	6	21.0	126.0	Box, pre-box, toilet, tambour (dirty)
5.2.1.3	2-bed ward (box) of intensive therapy	1	28.0	28.0	Box, pre-box, toilet, tambour (dirty)
5.2.1.4	Room for medical procedures	1	20.0	20.0	
5.2.1.5	Office of Division Head	1	14.0	14.0	
5.2.1.6	Doctors' Room	1	18.0	18.0	3 workplaces

5.2.1.7	Room of Head Nurse	1	12.0	12.0	
5.2.1.8	Room of Nurses	1	12.0	12.0	
5.2.1.9	Post of nurse on duty	1	8.0	8.0	
5.2.1.10	Room of Nursing Assistant, clean linen	1	12.0	12.0	
5.2.1.11	Room of junior medical staff	1	12.0	12.0	
5.2.1.12	Entrance lock	1	8.0	8.0	
5.2.1.13	Toilet for Women (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.2.1.14	Toilet for Men (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.2.1.15	Corridors (clean and dirty of at least 1.8 m width)			140.0	
5.2.1.16	Storeroom	1	8.0	8.0	
5.2.1.17	Sanitary room	1	8.0	8.0	
5.2.1.18	Canteen	1	14.0	14.0	
5.2.2	Clinical (boxes) Division for HIV/AIDS and Tuberculosis infected and other respiratory infected patients, 11 beds			441.0	
5.2.2.1	2-bed ward (box)	2	28.0	56.0	Box, pre-box, toilet, tambour (dirty) 1 box should be adjusted to pediatric patients)
5.2.2.2	1-bed ward (box)	5	21.0	105.0	Box, pre-box, toilet, tambour (dirty)
5.2.2.3	2-bed ward (box) of intensive therapy	1	28.0	28.0	Box, pre-box, toilet, tambour (dirty)
5.2.2.4	Room for medical procedures	1	20.0	20.0	
5.2.2.5	Office of Division Head	1	14.0	14.0	
5.2.2.6	Doctors' Room	1	18.0	18.0	3 workplaces
5.2.2.7	Room of Head Nurse	1	12.0	12.0	
5.2.2.8	Room of Nurses	1	12.0	12.0	
5.2.2.9	Post of Nurse on duty	1	8.0	8.0	
5.2.2.10	Nursing Assistant, clean linen	1	12.0	12.0	
5.2.2.11	Room of junior medical staff	1	12.0	12.0	
5.2.2.12	Entrance Lock	1	6.0	6.0	
5.2.2.13	Toilet for Women (staff)	1	3.0	3.0	1 box, tambour with the washstand

5.2.2.14	Toilet for Men (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.2.2.15	Corridors (clean and dirty of at least 1.8 m width)			130.0	
5.2.2.16	Storeroom	1	8.0	8.0	
5.2.2.17	Canteen	1	14.0	14.0	
5.2.2.18	Sanitary Room	1	8.0	8.0	
5.3	Block for Respiratory and Droplet Infected (isolation) patients, boxes including 26 beds			814.0	
5.3.1	2-bed ward (box)	7	28.0	196.0	Box, pre-box, toilet, tambour (dirty) 1 box should be adjusted to pediatric patient)
5.3.2	1-bed ward (box)	10	21.0	210.0	Box, pre-box, toilet, tambour (dirty)
5.3.3	2-bed ward (box) for intensive therapy	1	28.0	28.0	Box, pre-box, toilet, tambour (dirty)
5.3.4	Room for medical procedures	1	20.0	20.0	
5.3.5	Office of Division Head	1	14.0	14.0	
5.3.6	Doctors' Room	1	36.0	36.0	6 workplaces
5.3.7	Room of Head Nurse	1	12.0	12.0	
5.3.8	Room of Nurses	1	12.0	12.0	
5.3.9	Post of nurse on duty	1	8.0	8.0	
5.3.10	Nursing Assistant, clean linen	1	12.0	12.0	
5.3.11	Room of junior medical staff	1	12.0	12.0	
5.3.12	Entrance lock	1	6.0	6.0	
5.3.13	Toilet for Women (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.3.14	Toilet for Men (Staff)	1	3.0	3.0	1 box, tambour with the washstand
5.3.15	Corridors (clean, dirty of not less than of 1.8 m width)			240.0	
5.3.16	Storeroom	1	8.0	8.0	
5.3.17	Canteen	1	14.0	14.0	
5.3.18	Sanitary Room	1	8.0	8.0	
5.4	Division for Infections of Central Excitatory System, 8 beds			322.0	

5.4.1	1-bed ward	2	12.0	24.0	Ward, toilet, 1 ward should be adjusted to pediatric patients
5.4.2	2-bed ward	2	16.0	32.0	Ward, toilet, 1 ward should be adjusted to pediatric patients
5.4.3	2-bed ward of intensive therapy	1	16.0	16.0	
5	Room for medical procedures	1	20.0	20.0	
5.4.5	Office of Division Head	1	14.0	14.0	
5.4.6	Doctors' Room	1	24.0	24.0	4 workplaces
5.4.7	Room of Head Nurse	1	12.0	12.0	
5.4.8	Room of Nurses	1	12.0	12.0	
5.4.9	Post of Nurse on duty	1	8.0	8.0	
5.4.10	Nursing Assistant, clean linen	1	12.0	12.0	
5.4.11	Room of junior medical staff	1	12.0	12.0	
5.4.12	Unit for Women	1	12.0	12.0	Cloakroom, Shower Unit, Wardrobe
5.4.13	Unit for Men	1	12.0	12.0	Cloakroom, Shower Unit, Wardrobe
5.4.14	Toilet for Women (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.4.15	Toilet for Men (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.4.16	Entrance lock	1	6.0	6.0	
5.4.17	Canteen	1	14.0	14.0	
5.4.18	Storeroom	1	8.0	8.0	
5.4.19	Sanitary Room	1	8.0	8.0	
5.4.20	Corridors (of not less than of 1.8 m width)			70.0	
	Department of Gastroenterology			962.0	
5.5	Head of Department	1	16.0	16.0	
5.5.1	I Hepatology Department including 8 beds			290.0	

5.5.1.1	1-bed ward	2	12.0	24.0	Ward, toilet, 1 ward should be adjusted to pediatric patients
5.5.1.2	2-bed ward	2	16.0	32.0	Ward, toilet
5.5.1.3	2-bed ward of intensive therapy	1	16.0	16.0	
5.5.1.4	Room for medical procedures	1	20.0	20.0	
5.5.1.5	Office for Head of Division	1	14.0	14.0	
5.5.1.6	Doctors' Room	1	24.0	24.0	4 workplaces
5.5.1.7	Room of Head Nurse	1	12.0	12.0	
5.5.1.8	Room of Nurses	1	12.0	12.0	
5.5.1.9	Post of Nurse on duty	1	8.0	8.0	
5.5.1.10	Nursing Assistant, clean linen	1	12.0	12.0	
5.5.1.11	Entrance lock	1	6.0	6.0	
5.5.1.12	Room for junior medical staff	1	12.0	12.0	
5.5.1.13	Toilet for women (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.5.1.14	Toilet for men (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.5.1.15	Canteen	1	14.0	14.0	
5.5.1.16	Storeroom	1	8.0	8.0	
5.5.1.17	Corridors			70.0	
5.5.2	II Hepatology Division including 8 beds			290.0	
5.5.2.1	1-bed ward	2	12.0	24.0	Ward, toilet, 1 ward should be adjusted to pediatric patients
5.5.2.2	2-bed ward	2	16.0	32.0	Ward, toilet
5.5.2.3	2-bed ward of intensive therapy	1	16.0	16.0	
5.5.2.4	Room for medical procedures	1	20.0	20.0	
5.5.2.5	Office for Head of Division	1	14.0	14.0	
5.5.2.6	Doctors' Room	1	24.0	24.0	4 workplaces
5.5.2.7	Room of Head Nurse	1	12.0	12.0	
5.5.2.8	Room of Nurses	1	12.0	12.0	
5.5.2.9	Post of nurse on duty	1	8.0	8.0	
5.5.2.10	Nursing Assistant, clean linen	1	12.0	12.0	

5.5.2.11	Room of junior medical staff	1	12.0	12.0	
5.5.2.12	Entrance lock	1	6.0	6.0	
5.5.2.13	Toilet for women (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.5.2.14	Toilet for men (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.5.2.15	Canteen	1	14.0	14.0	
5.5.2.16	Storeroom	1	8.0	8.0	
5.5.2.17	Corridors (at least of 1.8 m width)			70.0	
5.5.3	Division of Intestinal Infections, 12 beds			358.0	
5.5.3.1	1-bed ward	2	12.0	24.0	Ward, toilet
5.5.3.2	2-bed ward	4	16.0	64.0	Ward, toilet, 1 ward should be adjusted to pediatric patients
5.5.3.3	2-bed ward of intensive therapy	1	20.0	20.0	Ward, toilet
5.5.3.4	Room for medical procedures	1	20.0	20.0	
5.5.3.5	Office for Head of Division	1	14.0	14.0	
5.5.3.6	Doctors' Room	1	36.0	36.0	6 workplaces
5.5.3.7	Room of Head Nurse	1	12.0	12.0	
5.5.3.8	Room of Nurses	1	12.0	12.0	
5.5.3.9	Post of nurse on duty	1	8.0	8.0	
5.5.3.10	Nursing Assistant, clean linen	1	12.0	12.0	
5.5.3.11	Room for junior medical staff	1	12.0	12.0	
5.5.3.12	Entrance lock	1	6.0	6.0	
5.5.3.13	Toilet for women (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.5.3.14	Toilet for men (staff)	1	3.0	3.0	1 box, tambour with the washstand
5.5.3.15	Canteen	1	14.0	14.0	
5.5.3.16	Storeroom	1	8.0	8.0	
5.5.3.17	Corridors (of not less than of 1.8 m width)			90.0	
5.5.4	Sanitary Room (will serve totally to 5.5)	1	8.0	8.0	
5.6	Resuscitation unit for 15 beds			644.0	
5.6.1	Hall comprising of 5 beds	1	65.0	65.0	Hall, clean gateway, dirty tambour, rest room (to be poured)

5.6.2	2-bed Resuscitation box	3	35.0	105.0	Box, clean gateway, dirty tambour, rest room (to be poured), 1 box should be adjusted to pediatric patients
5.6.3	1-bed Resuscitation box	4	25.0	100.0	Box, clean gateway, dirty tambour, rest room (to be poured)
5.6.4	Post of nurse (by the Hall and boxes)	8	6.0	48.0	
5.6.5	Office for Head of Division	1	16.0	16.0	
5.6.6	Doctors' Room	1	24.0	24.0	4 workplaces
5.6.7	Head Nurse, medicines	1	12.0	12.0	
5.6.8	Room of Nurses	1	12.0	12.0	
5.6.9	Room of Nursing Assistant, clean linen	1	12.0	12.0	
5.6.10	Room for junior medical staff	1	12.0	12.0	
5.6.11	Room for sterile material	1	10.0	10.0	
5.6.12	Entrance lock	1	6.0	6.0	
5.6.13	Toilet for women	1	3.0	3.0	1 box, tambour with the washstand
5.6.14	Toilet for men	1	3.0	3.0	1 box, tambour with the washstand
5.6.15	Canteen	1	14.0	14.0	
5.6.16	Storeroom	1	8.0	8.0	
5.6.17	Corridors (dirty and clean of at least 1.8 m width)			160.0	
5.6.18	Sanitary Room	1	8.0	8.0	
5.7	Unit for medical staff being on duty			26.0	
5,7,1	Room of Duty Doctor	1	14.0	14.0	
5,7,2	Toilet and Shower Unit for Women (staff)	1	6.0	6.0	1 box, tambour with the washstand, shower unit
5,7,3	Toilet and Shower Unit for Men (staff)	1	6.0	6.0	1 box, tambour with the washstand, shower unit
6	Block of Detoxication and Treatment by means of Extracorporal methods (plasmapheresis, dialysis, so called device of artificial liver)			314.0	

6.1	Office of Plasmapheresis			43.0	
6.1.1	Hall of Plasmapheresis	1	28.0	28.0	
6.1.2	Dirty tambour	1	4.0	4.0	
6.1.3	Preparatory Room	1	8.0	8.0	
6.1.4	Clean gateway	1	3.0	3.0	
6.2	Office designated for dialysis			54.0	
6.2.1	Hall of dialysis	1	25.0	25.0	
6.2.2	Dirty tambour	1	5.0	5.0	
6.2.3	Preparatory room	1	8.0	8.0	
6.2.4	Water closet – washing off	1	3.0	3.0	
6.2.5	Clean gateway	1	4.0	4.0	
6.2.6	Room for preparation of components	1	9.0	9.0	
6.3	Office for artificial liver device			45.0	
6.3.1	Hall of artificial liver device	1	20.0	20.0	
6.3.2	Dirty tambour	1	5.0	5.0	
6.3.3	Preparatory room	1	8.0	8.0	
6.3.4	Water closet – washing off	1	3.0	3.0	
6.3.5	Clean gateway	1	4.0	4.0	
6.3.6	Technical room	1	5.0	5.0	
6.4	Blood Bank Room	1	16.0	16.0	
6.5	Office for Head of Division	1	16.0	16.0	
6.6	Doctors' Room	1	18.0	18.0	3 workplaces
6.7	Toilet for women	1	3.0	3.0	1 box, tambour with the washstand
6.8	Toilet for men	1	3.0	3.0	1 box, tambour with the washstand
6.9	Room for sterile material	1	10.0	10.0	
6.10	Storeroom	1	8.0	8.0	
6.11	Sanitary room	1	8.0	8.0	
6.12	Corridors (dirty and clean of not less than of 1.8 m width)			90.0	
7	Epidemiologic Division			58.0	
7.1	Office for Head of Division	1	16.0	16.0	
7.2	Room for Epidemiologists/Social Workers	3	14.0	42.0	6 workplaces in total
8	Scientific Team			40.0	
8.1	Office of Team Leader	1	16.0	16.0	
8.2	Room of Research Fellows	1	24.0	24.0	4 workplaces
9	Management Team for Electronic Database			56.0	
9.1	Office of Team Leader	1	16.0	16.0	

9.2	Room of Operators	1	24.0	24.0	4 workplaces
9.3	Server room	1	16.0	16.0	
10	Division of Information Technologies			126.0	
10.1	Office of Head of Division	1	16.0	16.0	
10.2	Room of Software Programmers	1	18.0	18.0	3 workplaces
10.3	Store house	1	14.0	14.0	
10.4	Studio	1	14.0	14.0	
10.5	Toilet for women (serves also P.P. 7,8,9)	1	7.0	7.0	2 boxes, tambour with the washstands
10.6	Toilet for men (serves also P.P. 7,8,9)	1	7.0	7.0	1 box, 1 urinal, tambour with the washstand
10.7	Corridor (serves also P.P. 7,8,9)			50.0	
11	Laboratory Service			1479.0	
11.1	Lab of Clinical Diagnostics			188.0	
11.1.1	Room of Clinical Diagnostics Lab	1	25.0	25.0	
11.1.2	Room of bio-chemical lab	1	25.0	25.0	
11.1.3	Office of Laboratory Doctors	1	24.0	24.0	6 workplaces
11.1.4	Laundry	1	10.0	10.0	
11.1.5	Room for treatment of material	1	14.0	14.0	
11.1.6	Corridor			30.0	
11.1.7	Registry	1	6.0	6.0	
11.1.8	Cloakroom with the bathroom unit	1	12.0	12.0	
11.1.9	Toilet for Women	1	5.0	5.0	1 box, 1 shower unit, tambour with the washstand
11.1.10	Toilet for men	1	5.0	5.0	1 box, 1 shower unit, tambour with the washstand
11.1.11	Office of Laboratory Head	1	14.0	14.0	
11.1.12	Entrance Lock	1	6.0	6.0	
11.1.13	Room of Laboratory Doctors	1	12.0	12.0	
11.2	Lab of Diagnostics by applying of molecular methods (polymerized chain reaction, genetic typing of viruses – HIV, HBV, HCV, HPV etc., determination of resistance towards antivirus medicine)			369.0	

11.2.1	Room for material treatment	1	14.0	14.0	
11.2.2	Room for Genetic Material	1	25.0	25.0	
11.2.3	Room of Amplification	1	35.0	35.0	
11.2.4	Room of Detection	1	25.0	25.0	
11.2.5	Room of Serology	1	28.0	28.0	
11.2.6	Room of Master Mix	1	10.0	10.0	
11.2.7	RT-PCR	1	8.0	8.0	
11.2.8	Room for Medical Freezers and Fridges	1	22.0	22.0	
11.2.11	Room-Fridge	2	9.0	18.0	
11.2.12	Room of Labs	1	14.0	14.0	
11.2.13	Archive	1	10.0	10.0	
11.2.14	Technical storeroom	1	10.0	10.0	
11.2.15	Office of Laboratory Head	1	14.0	14.0	
11.2.16	Office of Laboratory Doctors	1	24.0	24.0	6 workplaces
11.2.17	Entrance lock	1	6.0	6.0	
11.2.18	Registration	1	6.0	6.0	
11.2.19	Cloakroom with the bathroom unit	1	12.0	12.0	
11.2.20	Toilet for Women	1	5.0	5.0	1 box, 1 shower unit, tambour with the washstand
11.2.21	Toilet for Men	1	5.0	5.0	1 box, 1 shower unit, tambour with the washstand
11.2.22	Corridors			70.0	
11.2.23	Sanitary Room (to serve totally 11.1 and 11.2)	1	8.0	8.0	
11.3	Lab of Microbiology			349.0	
11.3.1	General Bacteriological Lab			316.0	
11.3.1.1	Room for material treatment (1 room divided into two units, glassed by partition)	1	12.0	12.0	
11.3.1.2	Room for Cultivation of Anaerobic Bacteria	1	18.0	18.0	
11.3.1.3	Room of Automatic Systems	1	20.0	20.0	
11.3.1.4	Room of Microscope	1	15.0	15.0	
11.3.1.5	Room of Soils	1	15.0	15.0	
11.3.1.6	Laundry, Sterilization Unit	1	18.0	18.0	

11.3.1.7	Room of Laboratory Doctors	1	14.0	14.0	
11.3.1.8	Dark Room	1	4.0	4.0	
11.3.1.9	Clean Room	1	18.0	18.0	
11.3.1.10	Room of Respiratory Infections	1	16.0	16.0	
11.3.1.11	Room of Intestinal Infection	1	18.0	18.0	
11.3.1.12	Office of Lab Doctors	1	24.0	24.0	4 workplaces
11.3.1.14	Office of Lab Head	1	14.0	14.0	
11.3.1.15	Registration (serves 11.3 in total)	1	5.0	5.0	
11.3.1.16	Cloakroom with the bathroom unit (serves 11.3 in total)	1	16.0	16.0	
11.3.1.17	Entrance Lock (serves 11.3 in total)	1	6.0	6.0	
11.3.1.18	Toilet for Women (serves 11.3 in total)	1	5.0	5.0	1 box, 1 shower unit
11.3.1.19	Toilet for Men (serves 11.3 in total)	1	5.0	5.0	1 box, 1 shower unit
11.3.1.20	Corridors			65.0	
11.3.1.21	Sanitary Room (serves 11.3 and 11.4 in total)	1	8.0	8.0	
11,3,2	Mycological Lab			33.0	
11,3,2,1	Entrance Lock	1	5.0	5.0	
11,3,2,2	Receiving of Analysis and Registration	1	10.0	10.0	
11,3,2,3	Room of Mycological Lab	1	18.0	18.0	
11.4	Mycobacterial Lab (3 rd level block of biosafety)			122.0	
11,4,1	Entrance Lock	1	4.0	4.0	
11,4,2	Bathroom unit gateway	2	8.0	16.0	
11,4,3	Bathroom unit with the cloakroom	1	15.0	15.0	
11,4,4	Clean room for medical procedures	1	16.0	16.0	
11,4,5	Clean gateway of room for medical procedures	1	4.0	4.0	
11,4,6	Office of Laboratory Doctors	1	16.0	16.0	2 workplaces
11,4,7	Dirty room for medical procedures	1	16.0	16.0	
11,4,8	Storeroom to be cleaned	1	10.0	10.0	
11,4,9	Laboratory	1	25.0	25.0	
11.5	Clinical Immunology Lab			154.0	

11,5,1	Room for Material Receiving and Treatment	1	12.0	12.0	
11,5,2	Room for Laboratory Doctors	1	18.0	18.0	
11,5,3	Room of Machinery	1	30.0	30.0	
11,5,4	Unit for Technical Facilities	1	4.0	4.0	
11,5,5	Office for Doctors	1	18.0	18.0	3 workplaces
11,5,6	Office of Head of Laboratory	1	14.0	14.0	
11,5,7	Registration	1	6.0	6.0	
11,5,8	Entrance Lock	1	5.0	5.0	
11,5,9	Cloakroom with the bathroom unit	1	12.0	12.0	
11,5,10	Toilet for Women	1	5.0	5.0	1 Box, 1 Shower Unit, tambour with the washstand
11,5,11	Toilet for Men	1	5.0	5.0	1 Box, 1 Shower Unit, tambour with the washstand
11,5,12	Corridor			25.0	
11.6	Lab of Serology (HIV/AIDS Diagnostic)			177.0	
11,6,1	Room of Serology	1	25.0	25.0	
11,6,2	Room of Immunoblotting	1	16.0	16.0	
11,6,3	Room for Material Receiving and Treatment	1	12.0	12.0	
11,6,4	Room for storing of reagents	1	6.0	6.0	
11,6,5	Laundry	1	16.0	16.0	
11,6,6	Office of Lab Doctors	1	18.0	18.0	3 workplaces
11,6,7	Office of Laboratory Head	1	14.0	14.0	
11,6,8	Registration	1	5.0	5.0	
11,6,9	Entrance lock	1	5.0	5.0	
11,6,10	Cloakroom with the bathroom unit	1	12.0	12.0	
11,6,11	Toilet for Women	1	5.0	5.0	1 Box, 1 Shower Unit, tambour with the washstand
11,6,12	Toilet for Men	1	5.0	5.0	1 Box, 1 Shower Unit, tambour with the washstand
11,6,13	Corridors			30.0	
11,6,14	Sanitary Room (serves also 11.5 and 11.7)	1	8.0	8.0	

11.7	Pathologic Laboratory			120.0	
11,7,1	Entrance Lock	1	5.0	5.0	
11,7,2	Room for material receiving and treatment (1 room divided into two units, glassed by partition)	1	12.0	12.0	
1	Laboratory Room	1	20.0	20.0	
11,7,4	Laundry	1	10.0	10.0	
11,7,5	Office of Laboratory Doctors	1	12.0	12.0	2 workplaces
11,7,6	Office of Laboratory Head	1	14.0	14.0	
11,7,7	Registration	1	5.0	5.0	
11,7,8	Cloakroom with Water Closet	1	12.0	12.0	
11,7,9	Toilet for Women	1	5.0	5.0	1 box, 1 Shower Unit, tambour with the washstand
11,7,10	Toilet for Men	1	5.0	5.0	1 box, 1 Shower Unit, tambour with the washstand
11,7,11	Corridors			20.0	
12	Service of Instrumental Diagnostics			764.0	
12.1	Functional diagnostics			68.0	
12.1.1	Office of Division Head	1	14.0	14.0	
12.1.2	Room of electrocardiography	1	14.0	14.0	
12.1.3	Room of Spirometry	1	14.0	14.0	
12.1.4	Toilet (for women and men)	1	3.0	3.0	1 box, tambour with the washstand
12.1.5	Storeroom	1	8.0	8.0	
12.1.6	Corridor			15.0	
12.2	Division of Ultrasonic Diagnostics			87.0	
12.2.1	Office of Division Head	1	14.0	14.0	
12.2.2	Room of Cardio-Vascular Ultrasonic Diagnostics	1	14.0	14.0	
12.2.3	Office of Ultrasonic Diagnostics for Adbominal Cavity organs	2	14.0	28.0	
12.2.4	Toilet (for women and men)	1	3.0	3.0	1 box, tambour with the washstand
12.2.5	Storeroom	1	8.0	8.0	
12.2.6	Corridor			20.0	

12.3	Division of Roentgenologic and Radiologic Diagnostics			446.0	
12.3.1	Office of Division Head	1	14.0	14.0	
12.3.2	Office of X-ray diagnostics			128.0	
12.3.2.1	Room of Radiologist	1	14.0	14.0	
12.3.2.2	Room of Nurse	1	14.0	14.0	
12.3.2.3	Room of Roentgenoscopy and Radiography	1	40.0	40.0	
12.3.2.4	Photolaboratory	1	8.0	8.0	
12.3.2.5	Control Room	1	12.0	12.0	
12.3.2.6	Toilets for personnel (for male female)	1	3.0	3.0	1 cabin, space with washstand
12.3.2.7	Toilets for Patients (for male female)	1	3.0	3.0	1 cabin, space with washstand
12.3.2.8	hall- waiting room	1	14.0	14.0	
12.3.2.9	Corridor			20.0	
12.3.3	Computer tomography room			145.0	
12.3.3.1	Radiologists room	1	14.0	14.0	
12.3.3.2	Nurse room	1	14.0	14.0	
12.3.3.3	Computer tomography room	1	40.0	40.0	
12.3.3.4	Control room	1	12.0	12.0	
12.3.3.5	Technical room	1	8.0	8.0	
12.3.3.6	Engineers room	1	12.0	12.0	
12.3.3.7	Toilets for personal (for mala female)	1	3.0	3.0	1 cabin, space with washstand
12.3.3.8	Toilets for Patients (for male female)	1	3.0	3.0	1 cabin, space with washstand
12.3.3.9	Hal-waiting room	1	14.0	14.0	
12.3.3.10	Corridor			25.0	
12.3.4	magnetic resonance research room			159.0	
12.3.4.1	Radiologists room	1	14.0	14.0	
12.3.4.2	Nurse room	1	14.0	14.0	
12.3.4.3	magnetic resonance tomography room	1	40.0	40.0	
12.3.4.4	Control room	1	12.0	12.0	
12.3.4.5	Preparing room	1	8.0	8.0	
12.3.4.6	Technical room	1	12.0	12.0	
12.3.4.7	Engineers room	1	12.0	12.0	
12.3.4.8	Toilets for Patients (for male female)	1	3.0	3.0	1 cabin, space with washstand
12.3.4.9	Toilets for personal (for mala female)	1	3.0	3.0	1 cabin, space with washstand
12.3.4.10	Hall-waiting room	1	14.0	14.0	
12.3.4.11	Corridor			27.0	
12.4	Endoscopy division			163.0	
12.4.1	room of head of division	1	14.0	14.0	

12.4.2	Gastrofibroscopy room	1	20.0	20.0	
12.4.3	Colonophibroscoy room	1	20.0	20.0	
12.4.4	Bronchoscopy room	1	20.0	20.0	
12.4.5	Nurse room	1	15.0	15.0	
12.4.6	Store room	1	8.0	8.0	
12.4.7	Toilets for patients (for male female)	1	3.0	3.0	1 cabin, space with washstand
12.4.8	Toilets for personnel (for mala female))	1	3.0	3.0	1 cabin, space with washstand
1	Hall- waiting room	1	18.0	18.0	
12.4.10	Corridor (width not less than of 1. 8 m)			30.0	
12.4.11	Sanitary room (serves entire 12)	2	6.0	12.0	
13	Pharmacy			290.0	
13.1	Packing, distribution	1	18.0	18.0	
13.2	Ready-to -use medicine room	1	100.0	100.0	
13.3	Room for special medicine	1	100.0	100.0	
13.4	Head's room	1	14.0	14.0	
13.5	Personnel room	1	16.0	16.0	2 working place
13.6	Toilet (for female)	1	3.0	3.0	1 cabin, tambour with washstand
13.7	Toilet for male)	1	3.0	3.0	1 cabin, tambour with washstand
13.8	Tambour	1	6.0	6.0	
13.9	Corridor			30.0	
14	disinfection and sterilization section			166.0	
14.1	Head's room	1	14.0	14.0	
14.2	Personnel's room	1	15.0	15.0	
14.3	cloakroom with the bathroom unit	1	12.0	12.0	
14.4	toilet	1	3.0	3.0	1 cabin, tambour with washstand
14.5	cleaning and disinfection room, reception	1	25.0	25.0	
14.6	Autoclave room	1	25.0	25.0	
14.7	Sterilization room	1	20.0	20.0	
14.8	sterilized materials store room	1	20.0	20.0	
14.9	clean materials distribution room	1	10.0	10.0	
14.10	Tambour	2	6.0	12.0	
14.11	medical waste temporary storage	1	10.0	10.0	
15	Laundry			163.0	
15.1	Head's room	1	14.0	14.0	
15.2	Personnel room	1	15.0	15.0	
15.3	cloakroom with the bathroom unit	1	12.0	12.0	
15.4	Toilet	1	3.0	3.0	1 cabin, tambour with washstand

15.5	disinfection room, reception	1	25.0	25.0	
15.6	Laundry hall	1	32.0	32.0	
15.7	hall for drying- ironing	1	40.0	40.0	
15.8	clean linen distribution room	1	10.0	10.0	
15.9	Tambour	2	6.0	12.0	
16	Canteen			414.0	
16.1	Head's room	1	14.0	14.0	
16.2	Nutritionist	1	15.0	15.0	
16.3	Personnel toilet	2	3.0	6.0	1 cabin, tambour with washstand
16.4	Personnel closet with shower room	1	14.0	14.0	
16.5	Bread bakery	1	8.0	8.0	
16.6	Dry products store room	1	10.0	10.0	
16.7	Refrigerator -18 ⁰ C	1	6.0	6.0	
16.8	Vegetable store room – refrigerator +5 ⁰ C	1	18.0	18.0	
16.9	cold workshop	1	10.0	10.0	
16.1	Hot workshop	1	80.0	80.0	
16.11	Vegetable workshop	1	16.0	16.0	
16.12	Fish workshop	1	12.0	12.0	
16.13	Meat workshop	1	14.0	14.0	
16.14	distribution of ready meal	1	12.0	12.0	
16.15	waste storage room	1	6.0	6.0	
16.16	canteen with distribution counter	1	14.0	14.0	
16.17	canteen hall designated for 32 persons	1	50.0	50.0	
16.18	dishwashing room	1	14.0	14.0	
16.19	Store room	3	8.0	24.0	
16.2	Toilets for female (visitors)	1	3.0	3.0	1 cabin, tambour with washstand
16.21	Toilets for male (visitors)	1	3.0	3.0	1 cabin, tambour with washstand
16.22	Corridors			65.0	
17	Library	1	50.0	50.0	
18	Store rooms	3	18.0	54.0	
19	Morgue	1	150.0	150.0	
20	Garage	1	60.0	60.0	For 6 cars
21	Guard room	1	6.0	6.0	
22	Treatment facility	1	50.0	50.0	
	Total, paragraphs 1-22			10567.0	

Note: Space/areas indicated in Terms of Reference are of recommendation character. Change, increase or decrease of design cost estimation with $\pm 25\%$ is permissible.

During design of the building applicant is obliged to perform project's planning design works based on consultations with the Ministry of Labor Health And Social Affairs and per attached documentation.

Draft documentation to be submitted by the winner upon contract execution within 180 calendar days are as follows:

1. Architectural design (plans, facades, sections, units, specifications, fragmented renders of facades and interior);
2. Geological survey of the land plot
3. Technological design;
4. Vertical planning;
5. Construction design;
6. Ventilation design;
7. Heating -cooling design;
8. Electricity design (internal and external network, arrangement of internal and external viewing systems, low voltage currents, fire alarm system);
9. Internal water and sewerage system design, external sewerage system design arrangement of antiseptic with final connection (if required).
10. Construction organization design.
11. Territory improvement design documentation;
12. Construction cost estimation documentation;
13. Design of territory outdoor drainage system
14. Presentation of designed building in 3D animation format.
15. Preparation of internal and external designs of utility with respective cost estimations (water supply-sewerage-drainage, natural gas, power, internet) for obtaining technical specifications
16. Draft Environmental Management Plan.
17. The supplier must ensure field supervision which should be considered into cost of service to be implemented.

In design estimated cost service supplier has to consider fees of preparation expert opinions by LEPL Levan Samkharauli National Forensics Bureau or by other accredited entity in relevant field and fees of obtaining necessary permits from governmental agencies if required.

Purchase site has to be accompanied with construction permit specified by the law.

Expert opinions have to be submitted on the following phases.

1. Architectural and construction part. 2. Power supply design. 3. Water supply and sewerage design. 4. Heating-cooling design. Ventilation design. 6. Engineering geological opinion. 7. Calculation of cost estimation.

Services to be carried out is three phased.

- I phase – survey works and design concept development
- II phase – sketch design preparation.
- III phase – Preparation of detail design cost estimation

On I and II phases documentation has to be agreed with the Ministry of Labor Health And Social Affairs

1.2.2.2.1. Works to be implemented on the 1st phase- survey works, site investigation.

- Topo survey and geological study.

- Obtaining existing urban construction documentation - legal acts, legal regimes and normative acts for territory planning.
- Initial information about engineering utilities of the site – in order site to be provided with power supply, drinking water, sewage water biological treatment plant;
- Design concept development for AIDS and Clinical Immunology Scientific-Practical Center, architecture, construction and adjacent territory.
- Photographing
- Ortho photo of project site actual situation.

Design Documentation to be submitted at stage I shall consist of as follows:

1. Explanatory note (describing existing situation and design proposal)
2. Topographical survey of the adjacent territory (Topographic plan through UTM System of Coordinates: Scale 1:200) mapping cadastral boundaries and utility networks.
3. Cadastral documentation (including project and actual situation on topographic plan, layout of registered land plot(s) with indication of cadastral borders and a code);
4. General location plan of project site – m 1:2000 or 1:1000;
5. Outcomes of engineering-geological survey – technical report, conclusions and recommendations (assessment of physical-mechanical features of soil, laboratorial analysis of samples, elaboration and conclusion of results);
6. Information and schemes regarding utilities –drinking water, sewerage, electricity, gas, with topographic mapping;
7. Design concept – master plan of the territory with mapping of pedestrian connections, parking space and landscape.
8. Feasibility study covering all possible options, analysis of problems and risks, parameters and scales of the project (including financial scales along with estimated budget), estimated method and schedule of implementation.
9. Photo material

1.2.2.2.2. Works to be implemented on 2nd stage and deliverables.

Upon execution of the first - survey stage and based on obtained data, Consultant will prepare the **Sketch Design** with consideration of remarks and recommendations issued by the Employer and other stakeholders.

Design Documentation to be submitted at stage II shall consist of as follows :

1. Executive summary (describing current situation and arrangements envisaged by the project).
2. Topographical plan with mapping cadastral boundaries and code indication.
3. Results of Geological survey and conclusion.
4. General location plan of project site – scale m 1:2000 or 1:1000;
5. Master plan with mapping traffic and pedestrian connections;
6. Architectural and structural solutions: graphical and textual material- plans, sections, facades;
7. Visual graphical material of architectural solutions –plans, sections, facades, renders, photo material;
8. Schemes of engineering systems (water supply-sewerage-power system).
9. Following information shall be provided aiming at preparing Natural and Social Environment Impact Assessment and Environmental Management Plans:
 - Topographic, geological and hydro geological features of the project site, including information about geological risks;
 - Brief description of the nearest water objects;

- Brief information about climate conditions;
- Information on the vegetation existing in the project area, including the one on existence of species included in the Red List;
- Possible location of the landfills for disposal of various type waste generated as a result of project implementation (inert materials, construction waste, domestic waste, hazardous waste);
- Location of the nearest sand-gravel, stone and such other natural materials' pits, required for project implementation;
- Information on the underground and over ground utilities existing in the project area;
- Information on location of the nearest archeological sites;
- Brief social-economic description of the adjacent area;
- Information on the ownership of the project site area (cadastral data). Information on formal or informal land use.

Upon implantation of survey works, preparation of sketch design and coordination with stakeholders, the Employer shall specify the parameters and scales of the project, after which the decision will be made on execution of works at further stage – preparation of detail design documentation.

1.2.2.2.3. Works to be implemented and deliverables at stage III

Based on approved sketch design the Consultant shall prepare detailed working design documentation. At this stage also, all the remarks and recommendations, which were recorded with respect to the stage II design documentation will be taken into consideration .

Design documentation deliverable at stage III shall be submitted in the following composition:

1. Explanatory note (describing current situation and arrangements envisaged by the project).
2. General location plan of the project site - scale:1:1000; 1:2000
3. Master plan, with topographic mapping of the design area, with showing of red lines scale:1:500; 1:1000;
4. Architectural shop drawings (layouts, sections, facades, renders , details, units (scale: 1:100, 1:50, 1:25);
5. Territory improvement mapping of transport and pedestrian connections, parking space and landscape – layout, sections, units, details (m. 1:100, 1:50, 1:25) BoQ for facing.
6. Structural shop drawings (diagrams, details, units, specifications (scale. 1:100, 1:50, 1:25);
7. Part of technological arrangement – Schemes, calculations, detail shop drawings and specifications.
8. Detail engineering drawings of engineering part: power supply, sewerage, water supply, gas supply, drainage, heating-cooling, ventilation fire alarm system and etc. (along with schemes, details, units, specifications); Design characteristics of all technological and electrical equipment envisaged by the project. Design loads of all system with indication of appropriate standards.
9. Work organization project with required machinery and equipment, time and tentative financial schedules;
10. BoQ for works to be implemented and cost estimations (unit rate breakdown by resources and summarized unit rates);
11. Detailed and general specifications of bidding documentation;
12. Economic analysis (should include capital expenditures required for project implementation as well as average annual operation and maintenance costs. The named data should be provided for each possible alternative solution of project design (based on technical specifics of the project, at least two alternative design characterical solutions should be presented). The deliverables should also include methodology of each alternative of cost calculation with respective clarification and data source indication.

Technical specifications should be presented as separate attachment to design documentation, including general instructions and recommendations for bidder/contractor. Also detail specifications of applied materials, equipment

and machinery with indication of all necessary standards for works performance/testing methods and quality control.

Graphical part (construction drawings) should be prepared in accordance with required norms and standards of work documentation, in respective scale and breakdowns. It should include general location and master plans, detail architectural and construction drawings of buildings, schemes of placement and connection of electrical and technological equipment with indication of size, benchmarks and technical characteristics. Table of scope of works and table of specifications of materials should be given on drawings. Design should be accompanied with renders.

1.2.3. Specific condition

During the progress of construction works, and even after expiration of the design documentation contract, in order to ensure correspondence of quality of performed works and design documentation the supplier is obliged to take part in definition of design solutions and in preparation-coordination of working documentations, bill of quantities and variation orders to the contract, as required, as well as execution of arrangements envisaged under the Annex to the Terms of Reference.

1.2.4. Employer's Contribution

The employer shall grant access to all available materials, which may be required for the service performance.

1.3. 1. Reporting and Schedule

Upon contract execution within a 4 (four)-weeks period, the consultant shall submit for approval to the employer, 3 copies of all surveys, opinions and future design concept as specified under paragraph 1.2.2.2.1. of the present TOR. The deliverables shall be accompanied with their electronic versions (textual part in Word and Excel file form and drawings in - AutoCAD/ArchiCAD and PDF format).

1.3.2. Within a 4 (four)-week period following endorsement by all stakeholders, the supplier (consultant) shall submit for approval to the employer 3 copies of sketch design. The deliverables shall be accompanied with their electronic versions (textual part in Word and Excel file and drawings in - AutoCAD/ArchiCAD and PDF).

1.3.3. Within a 3 (three)-weeks period following endorsement by all stakeholders, the consultant shall submit for approval to the employer detail design interim version I of the detailed design;

1.3.4. Within a 1 (one) week period, the employer or its assignee under the contract will forward the consultant with its remarks relating to the submitted documentation in writing or through email

1.3.5. Upon receiving remarks and comments within 3 (three) weeks period supplier (consultant) shall submit finalized **Detail Design** to employer.

1.3.8. Finally, the consultant shall submit to the employer four copies of the detailed design documentation and bidding documents in A3 and A4 format printed albums, in Georgian and English languages. The submitted materials shall be accompanied with their electronic versions (textual part in Word and Excel file form and drawings in - AutoCAD/ArchiCAD and PDF format) recorded on compact discs (CD or DVD).