



Tender Reference: UHS/ENGINEERING/TENDER/0003/2022 07.03.2022
Tender Expiry Date: 20.03.2022

Request for Proposal for Expansion of ICU Project

1. REQUEST FOR PROPOSAL

The University Hospital Sharjah (UHS) herewith invites proposals from interested service providers to submit responses to this Request for Proposal (RFP) for the:

- Expansion of ICU Project

2. PURPOSE

The purpose of this Request for Proposal (RFP) is to provide broad details relevant to the services required and is not intended to provide a detailed overview of every action required.

UHS is currently planning for Expansion of the ICU with 6 no's Additional beys and Facility Area.

The purpose of this RFP is to:

- (a) Select a competent Proponent who has sufficient experience in Modification, Renovation, supplying, installing, training and supporting the solution deployment that satisfies requirements equivalent to the UHS's requirements;
- (b) Acquire Designing Consultant, Contractor and Implementation services required for Expansion of ICU Project.

The RFP contains sufficient information and instructions to enable qualified bidders to prepare and submit proposals and supporting material. To be considered responsive, vendors must submit a complete bid that satisfies all requirements as stated in this RFP.

3. PROJECT BACKGROUND

Current ICU at UHS Have 16 bay including 2 no's Isolation Rooms with Facility area attached Current architectural layout for reference.

UHS is planning to Expand the existing ICU with Additional 6 no's bays with Adequate Facilities update to latest technology and to avail the functionalities for fulfilling UHS current requirements.

3.1. Project Scope

The Proposed Expansion Project/ solution must meet the technical & functional requirements delineated in this RFP. Successful contractor should initially Design and Propose based on the requirements mentioned in this RFP.

Project should be in Phase wise as existing Bays will be in Operational During Execution of Project.

- Designing.
- Demolition Works where ever Required.
- Civil works.
- MEP Works.
- Medical Gas lanes.
- Drawings as per the new revised system.
- Commissioning, documentation and handover.

Designs and works Proposed Must comply with SEWA, Civil Defense, and MOH Guidelines.
Proposal Should be submitted after having site survey and comparison with the current As built.

3.2. Requirements.

The proposed solution(s) must meet the Technical & Functional requirements and design objectives as per the attached BOQ. These features will be part of the scope of work.

- Proposed Design should have Additional 6 no's bay
- 4 no's staff washrooms 2 with shower facility
- Space for Security reception.
- Modification/decoration of Current Nurse station.
- Locker rooms for male 15-20 no's and female 70 no's Capacity.
- All MEP (Electrical, Fire Fighting, Fire Alarm, Medical gas and HVAC etc.) works Should be Included in Proposals.
- Design and deploy complete system components.
- Should provide complete implementation & design documents.

3.3. Specifications.

Flooring

Vinyl Flooring Type:

- Medical Grade Supervisor (similar or better to existing flooring at UHS)
- Removing of existing flooring & levelling with self-levelling screed 2-3mm for complete area.
- All area need to be considered Including existing area.

- Vinyl flooring shall be without gap to the floor & should be joined with skirting & terminated point will be with a cap.

Partition Works

- Supply and installation of 100mm thick gypsum with 12.5mm thick gypsum board on both side of stud and track frame works 12.5mm.
- The partition shoulder be with corner B. As per international standard / UAE standard.
- Frosted & Tempered Glass
- Supply and installation of 10mm thick tempered glass with etching design pattern and using SS profile all around, glass joints to be filled with clear silicone.
- Inside gypsum work to be filled by rock wood for sound proof insulation.

Wall Finishes

- Antibacterial Prevent: prepare & application of antibacterial paint for the existing and proposed walls up to false ceiling height.

Wall Protector:

- Handrail: WG-145 Handrail -145mm width, 20mm depth, length4m, against wall with a continuous aluminum profile. Vinyl cover. Profile, standard color vinyl cover.
- Crash Guard /Rail – WG-15-Wall guard/crash guard -150mm width, 20mm depth, length 4m, against wall with a continuous aluminum profile. Standard color vinyl cover.
- . Corner Guard: - CG-50 Corner Guard with aluminum profile retainer, length:1meter, standard color vinyl cover.

Curtains & Blinds

- MADE IN Germany. 100% Trevira CS Bio Active, permanent flame retardant and permanent antibacterial, permanent antimicrobial.
- Supply and installation of manual vertical blinds for the external glazing. Made in Germany 100% Trevira CS Bio Active, permanent antimicrobial.

Joinery Works:

- Manufacturing drawings needs approval of engineering department.
- Inspection & testing of quality of material used will be facilitated before furnishing & installation.

Doors:

- Framing will be of solid wood door shutters combination of solid wood.
- Finishing Vinyl/MDF/Laminate (medical type)
- Manufacturer Designs/drawings specification needs to be approved by Eng. Dept.
- Ceiling works
- Anti-Fungus/Anti-bacterial painting to be done for entire ceiling area.

- Supply and installation of plain gypsum ceiling including painting for the complete area.
- Supply and installation of gypsum cove including painting in the reception area.
- Supply and installation of gypsum pelmet for fixing the blinds in the perimeter area.
- Reinforcement ceiling suspended medical utility.

MEP:

- HVAC Have site survey make load calculation and Should Comply the MOH standards.
- Type of Electrical works, socket and switches should be via brand and of same type used in hospital.
- All wires will be concealed and in conduct pipes and the wiring for electrical and network cable will be commensurate with the existing or better than hospital standard.
- The wires will be numbered and identified from both sides to ensure proper connectivity.

Plumbing:

- Water taps will be chrome plated with sensor-controlled operations.
- All toilet connectivity should be as per hospital standard.

Lighting:

- The lighting should be all LED and should support energy conservation.
- Firefighting component will be of standard specification as per JCI standard and presently deployed in the hospital and UAE.
- All the hospital services for safety, security and amendments will be relocated and terminated appropriately (the equipment and devices will be provided by the customer and installation and testing only need to be done by contractor)

Nurses call system:

A nursing call system need to be installed as per the current practices of the hospital (the equipment system and materials will be provided by the customer and installation and testing only need to be done by contractor.

Medical gas system:

Central Medical Gas line need to be provided at the proposed bays Bed head Units should be via brand and of same type used in hospital.

Each new Bays should Have Bed head units with 4 no's oxygen, 3 no's medical air and 3 no's vacuum.

4. Testing and Commissioning

All the systems installed should be Tested and commissioned by certified/authorized Company's manufacturers.

5. INSTRUCTIONS TO CONTRACTORS

- Proposal Should be submitted after having site survey and comparison with the current As built.
- Site visits only from 02: 30 PM to 05:00 PM 08th,09th ,10th,13th and 14th Of March 2022.
- Contractor must have a worked Previously in hospitals Evidence Should be provided Copy of contract or PO.
Note: Proposals submitted without these documents will not be considered.
- Contractor must address all information specified by this RFP.
- It is mandatory for the Contractor to provide item-vised and with sub-total prices in Commercial Proposal.
- Technical and Financial proposals should be submitted to Director of Finance Office in separated shield envelops.
- Partial proposals will not be considered/accepted.
- It is mandatory for the Contractor to submit End-of-Sale, End-Of-Support, and End-Of-Life for each individual hardware component - Proof documents from the manufacturer to be attached with the proposal.
- Contractor should provide reference sites where each components/module of your proposed solution has been installed. UHS may contact these users to obtain any information on the solution and implementation. contractors will co-ordinate with the reference sites and arrange the visit on request from UHS if required.
- Contractor should discuss the final technical proposal with the technical team before submission.
- Proposal should include ongoing warranty, support.

Expected Design

