

Questions & Answers for Solicitation W917PM-09-R-0010, TMC, Herat

1. It is stated that in the above mentioned project (TMC), there are no dimensions given nor is covered area specified, due to which we are facing some difficulties in costing of the proposed project (TMC). Therefore it is requested to please give us covered area and B.O.Q(s) of the TMC.
 - As this is a design-build contract, it is the Contractor's responsibility to fully design the Troop Medical Clinic facility, including determination of the facility's final dimensions and overall area on the site. Table 1 of section 01010 lists the minimum areas for each room required in the building. The approximate dimension of the CONCEPTUAL design included in the solicitation is 135 ft x 72 ft [41 m x 22 m]. The attached drawing labeled "Conceptual Site Plan, Sheet A-2" illustrates the location of the TMC site, as well as the power plant and waste water treatment plant, as positioned within the ANA base.
 - The total MINIMUM net square area for the rooms included in the facility (as listed in Table 1 of Section 01010) is 5,785 sf (537.41 sm).
 - The total MINIMUM gross square area is approximately 9,748 sf [862.72 sm]. Gross area includes factors such as circulation spaces, mechanical spaces, wall/partition thickness, and half areas (for example, exterior canopy).
2. For the purpose of calculating water and sewer needs, what is the number of personnel and patients that will use the facility on a daily basis?
 - The clinic is expected to service 100-125 patients daily for outpatient exams and procedures.
3. What are the specifications for dental chairs?
 - Dental chairs will be of motorized, hydraulic, self-adjusting type. Provision of dental chairs is not a requirement of this solicitation. However, each of the two dental exam areas must be equipped with water and compressed air capabilities for dental procedure purposes. Each space will be required to have its own water and compressed air/suction supply station. Drainage shall also be properly designed for this space.
4. Shall a new well house be dug or shall the water come from the existing well house?
 - The contractor may assume water source provided through the existing well house.
5. Shall the water needed for the TMC be connected to the existing well house or the existing water network and the pressure adjusted at the TMC to prevent water hammer.
 - Connect to the existing water network. Attachment A-2 shows location of the buried electric, sewer, and water lines in proximity to the TMC site. Contractor shall design the system to achieve needed water pressure within the building while preventing water hammer.

6. Shall the TMC electrical power be connected to the existing power grid or to the new generator in the power plant?
 - Contractor shall propose a cost for connecting to the existing power grid. As an option item, the contractor shall estimate cost for a new generator in the existing power plant and connection to it. According to the current power capacity at Camp Zephyr, a transformer with the capacity to provide power 15% above the maximum TMC load is required to support the facility. The Contractor shall consider this cost in his bid proposal.
7. Is lead needed for the X-ray room?
 - The X-ray Consultation Room shall be used for consultation and viewing of x-ray scans. X-rays will be taken at the main hospital. The room shall be equipped with a sink and hot and cold water (as described for Exam rooms).
8. What are the dimensions and distances for the vehicle parking, roadway, and sidewalks?
 - This is a design-build contract. The contractor is expected to design and construct the questioned dimensions according to the SOW, Technical Specifications, and International Standards listed in the solicitation. The approximate net dimension of the concept drawing is 135ft x 72ft (41m x 22m). The winning contractor will be required to master plan the best location of the TMC in the general immediate area illustrated on drawing Sheet A-2. Additionally, a sidewalk surrounding the building and parking for 8 vehicles is required, with the building and parking space sited close to the street as illustrated on drawing Sheet A-2.
9. Will the Clinic hold all requirements mentioned in UFC 4-510-01 or we should stick to what is written in 01010?
 - Contractor shall follow requirements as provided in sections 01010 and 01015 of the solicitation. The UFC 4-510-01 is added to provide additional information regarding medical facility requirements.
10. Based on Appendix A, truss for roof is wood, but scope didn't mention any think, so should we take wood roof truss or steel roof truss?
 - Appendix A is an aid provided to the contractor to minimize design time for typical construction details. For the purposes of this facility, wood is not an acceptable material for the roof truss system. See section 01015 for acceptable roof structure material.
11. What is the voltage distribution system for the connection, underground or overhead line?
 - Buried electric cables.
12. In section 01015 paragraph 3.13.3, it is written "Ceilings shall be exposed concrete painted with 2 coats of flat white, with less than .06% lead by weight." But paragraph 4.12 mentions an HVAC system. If there is an HVAC system, are we to assume use of a suspension ceiling?

- In spaces where a suspension ceiling is not required (such as the janitor's closet and latrines) ceilings shall be painted. Where the contractor designs the use of suspension ceilings, a painted ceiling is not required.

13. Will existing utility drawings be provided?

- Existing utility drawings will be given to the winning bidder after award of contract. For the purpose of bid preparation, the contractor shall include the cost of increased power capacity as an option item (see Line Item 0006 of Section 00010) in the cost proposal. Additionally, drawing sheet A-2 (included in this amendment) provides information regarding location of the TMC site in comparison to the WWTP and Power Plant.