

**Health Department
Government of Khyber Pakhtunkhwa**

Terms Of Reference (TORs) for IT Consultant (Tele Health)


The Consultant is expected to work within broader guidelines set by the Procuring Entity for Establishment of five (5) Tele-Health clinics & one (01) Mobile Tele-Health unit (Hub Hospital) at Police & Services Hospital Peshawar, Khyber Pakhtunkhwa. The basic objective for hiring the IT Expert is to ensure integration, synchronization & smooth working of the equipment relating to the functional requirements of the Assignment. The Consultant is expected to work in coordination with DHIS & Procurement Cell during his/her period of hiring/engagement.

- The Consultant is expected to perform his consulting commitments with highest standards of professionalism under KPPRA Procurement Rules 2014 and subsequent guidelines/instruction pertaining to consulting services. The TORs of the consultant are as under:
 1. Analyze & suggest roadmap for establishing Tele-health setup based on technical modalities of Live Video Conferencing, Storage & transmission of patient data, Monitoring patients remotely and Mobile Health techniques.
 2. Need assessment and preparation of technical & performance specifications required for functionalization of medical devices and equipment, laptop/desktop computers, scanners and printers etc. in consultation with DHIS & Procurement Cell, DGHS.
 3. Shall examine & propose the most efficient and reliable tele service for data transmission with wireless Wi-Fi Internet by linking the clinic to the nearest Internet node.
 4. Shall propose ways & means to achieve line-of-sight between the ISP base-station and the clinic. Dedicated Committed Information Rate (CIR) Internet connectivity of 2Mbps shall be provided to the clinics to carry out high quality video conferencing between the Resource Centre and the Tele-health clinics.
 5. Shall integrate & calibrate Portable Tele Clinic and other IT related

equipment required & purchased for Tele Health based Health Care Facilities etc.

6. Shall analyze & improve existing ICT infrastructure through wireless Internet, satellite suitable for 2 Mbps Internet to facilitate stable VC for future expansion program.
7. Shall be responsible to maintain database at the Hub Hospital of patients visiting Tele-health clinics at designated DHQ/RHC/BHU's.
8. Shall be responsible to train doctors, paramedics, Elector-medical Engineer/Technicians and IT personnel to handle Tele-health diagnostic equipment, video conferencing (VC) system and communication network in order to enable them for future operationalization of tele-health system
9. Any other ancillary matter relating to tele-health system in the pilot phase.
 - **Working Mechanism:** The Consultant shall work with the Procuring Entity for a period of One year from the date of contract execution and will report to Medical Superintendent Police & Services Hospital.
 - **Payment Schedule:** The type of contract shall be a mix of timeline and deliverables. The consultant shall be paid his/her consulting fee @ Rs._____ PM (Inclusive tax) on monthly basis with associated deliverables as per timelines of the contract.

**MEDICAL SUPRINTENDENT (FOCAL PERSON)
POLICE & SEVICES HOSPITAL, PESHAWAR**

 **091-9210509**