**Detailed information required for NCIIPC**

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| S.No. | Identified Business Process/ Functionalities/ Services | Underlying ICT Infrastructure | Hosted at (Location) | Impact Analysis and brief justification as to why the business process is critical and the underlying ICT infrastructure is CII |
| 1. | Geo-mapping of diagnostic services of India  (currently managed offline as security audit is pending) | The data is currently stored in two desktops in the laboratory.  Both the systems are connected to LAN and internet through institute’s server. |  | **I. Impact Analysis and Brief Justification :**  (a) The database will be launched on NIC server as a free online public resource for searching a diagnostic facility nearby.  (b) The geographical coordinates and addresses of all government healthcare facilities providing diagnostic services to each district can be compromised in case of data breach/ theft.  (b) Daily and yearly numbers of users/ patient served (For example: as part of hospital service or diagnostic service,...)  (c) Impact on ICMR and nation, due to disruptions of the business processes/ functions/ services: (What will be impact, if the services such as Hospital/ Lab services/ online services are being disrupted)  (e) As a part of the research component, heat maps to assess the access to diagnostic healthcare facilities are being built.  2. **Support to formulation / implementation of health policies by Government**:  3. **Impact on: (with a brief justification)**  (a) Public Health: (may consider numbers being proposed for para-1(a) and (b) above)  (b) Public Safety: (may consider numbers being proposed for para-1(a) and (b) above)  **4. Attributes of Databases :**  Name of the diagnostic health facility, type of the facility (government/private), Address, and geographical coordinates (latitude and longitude)  **5. Project details:** This project is proposed to be continued as an ongoing intramural activity |
| 1. | Intramural project “AI based tool for diagnosis of breast and oral cancer”  Any data being managed online/ offline/ over LAN are need to mentioned. | Is the system containing the data is standalone/ isolated system (example Data in Excel and stored in Desktop/ Laptop/localhost)? If yes, answer the (A).  If no, and the data is hosted on servers answer (B)   1. For standalone systems:  * If the system is connected to LAN or not? * If the system is connected to internet or not?  1. For online systems:  * If Information is hosted over Institute Servers/ NIC/AWS/ Hostgator or other clouds, the same be mentioned. * If hosted at Institute Servers, kindly provide following information:  1. Detailed Network Architecture Diagram depicting network devices (Router, Switches), servers (Web, application, Database), workstations and security devices (firewalls, UTMs, IDS/IPS etc). It is essential to identify the ICT (Information & Communication Technology) systems which would form the CII underlying the business processes/ functions/ services. 2. If the server/ workstations are common to business processes/ functions/ services, the same may be indicated. In such scenario, the common CII shall be identified. 3. **Process / Data Flow Diagram for each business process or functions:** this is essential to understand the dependencies of other systems/ devices / components, which may again be potential CII. For example, a system envisaged as CII may be connected to a replica or load balancing server or a backup server, or an application which also uses the output/ data of the system. | Hostagle | **I. Impact Analysis and Brief Justification :**  (a) The database at present contains records of around 500 patients. It is a dynamic database being built up with the project and over next 1 year will contain data from 5000 patients  (b) The metadata and digital images of tissue specimens are being used to build Artificial intelligence algorithm  and Daily and yearly numbers of users/ patient served (For example: as part of hospital service or diagnostic service,...)  (c) Impact on ICMR and nation, due to disruptions of the business processes/ functions/ services: (What will be impact, if the services such as Hospital/ Lab services/ online services are being disrupted)  (d) Impact on ICMR and nation, due to theft of the back-end user/ patient data: What will be the impact, if a data breach happens)  (e) Impact on ICMR and nation due to theft/ loss of Research Work or Intellectual Property Rights (IPR): (For example: theft of Research Work or Intellectual Property Rights (IPR) may result into certain strategical and financial loses, and reputation for attracting investments, manipulation of insurance etc)  2. **Support to formulation / implementation of health policies by Government**:  3. **Impact on: (with a brief justification)**  (a) Public Health: (may consider numbers being proposed for para-1(a) and (b) above)  (b) Public Safety: (may consider numbers being proposed for para-1(a) and (b) above)  (c) National Security: (For Example: work on vaccine to counter certain bio-weapon)  (d) National Economy: (For example: theft of Research Work or Intellectual Property Rights (IPR) may result into certain strategical and financial loses, and reputation for attracting investments, manipulation of insurance etc  **4. Attributes of Databases :**  o understand sensitivity of the database, the attributes/ columns/ fields of the database be mentioned Alternatively, the “Form” on which users fill the information be attached. Example: https://www.icmr.gov.in/pdf/covid/labs/archive/SRF\_v11.pdf  **5. Project details:** For the projects, which are supposed to be completed or are with certain end-of-life timelines, following may be mentioned:  (a) Tentative duration of the project:  (b) Whether active or concluded:  (c) Whether proposed for data retention/ archival/ or purge/destroy after completion of the project: |