

MULTI-MODAL BIOMETRIC ACCESS CONTROL SYSTEM (BACS) FOR PMO, GANABHABAN AND BANGABHABAN

SB, BANGLADESH POLICE

Assignment name: Supply and Commissioning Multi-Modal Biometric Access Control System (BACS) For PMO, Ganabhaban and Bangabhaban

Country: Bangladesh

Location within country: Dhaka

Name of Client: Special Branch, Bangladesh Police

Duration of assignment (months): 6 months

Start date (month/year): 12th June 2018

Completion date (month/year): 30th December 2018

Name of associated Contractors, if any: N/A

Narrative description of Project:

Designing and implementing a unified multi-modal biometric enrollment system and a fully-featured walk-through access control system featuring face recognition system, iris matching and fingerprint identification and verification of the personnel and the visitor of the Prime Minister's Office, Ganabhaban, and Bangabhaban.

Description of actual services provided by your staff within the assignment:

- Integration and configuration of facial recognition system software.
- Supply and commissioning of IP camera, fingerprint scanner, and iris scanner for capturing biometric data.
- Integration and configuration of the fingerprint/iris matching systems.
- Implementation of the custom business logic into the middleware. Installation and configuration of the middleware application on the central application server.
- Integration of audit trail modules to capture system events.
- Implementation of reporting modules allowing generation of required reports including but not limited to audit trail, system diagnosis reports etc.
- Integration and configuration of Identity management module of the middleware (IDM) for user management and role based access control (RBAC).
- Networking and configuring of connectivity between the server and existing IP network facility. However, changes or upgrading of the existing IP network (if required) is outside the scope of this project and therefore, purchasing authority will facilitate those changes.