**SAMPLE WRITE-UP OF CTC GRANT APPLICATION**

**Note: In this template, you will find the practical challenges and solutions that could be included in your write-up of project details in section named: Section 3 of 5 – Project Details. Do note that the project cost and title are for illustrative purposes.**

**SECTION 3 OF 5 – PROJECT DETAILS**

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| **PROJECT DETAILS** | |
| Project Title: \* | Transforming Residential Site |
| Total Estimated Project Cost: \* | S$ 50,000 |
| **A) SUMMARY OF PROJECT: \*** (up to 1,000 words) | |
| Proposed Solution  To enhance operational efficiency and enable the reallocation of manpower to more productive roles at these sites, the following technologies have been identified for implementation:   * Deployment of License Plate Recognition (LPR) systems for rapid vehicle screening. * Implementation of Visitor Management Systems (VMS) for swift in-person screening. * Remote operation capability for site barriers. * Utilisation of smart CCTV systems with video analytics. * Implementation of CCTV coverage for perimeter and critical infrastructure. * Centralised command center/operations room for remote CCTV monitoring by qualified personnel.   Upon full implementation of these proposed solutions, the transformed sites can anticipate a productivity increase of over \_\_\_% due to reduced staffing requirements. The redeployed security officers will have opportunities to explore enhanced career pathways and undergo relevant upskilling. | |
| **B) How does the project enhance business capabilities, improve productivity, and/or innovation? \*** (up to 1,000 words) | |
| |  | | --- | | **Current Challenges**  Onsite asset protection necessitates physical patrols, which can be time-consuming and physically demanding, depending on the patrol routes.  Manpower redundancy at static posts is essential when officers go on patrol and need to be relieved of their duties.  **Proposed Solution**  CCTV with Analytics  Patrol areas can be effectively covered by CCTV systems, eliminating the necessity for physical inspections.  The implementation of Video Analytics can automate Virtual Patrols, making them more efficient and autonomous.  **Current Challenges**  Logging vehicle entry and exit manually is a time-consuming process that is prone to errors, especially during peak periods at certain sites. In addition, logging visitor entry and exit manually presents the risk of inaccuracies, and there is currently no efficient system for rapid visitor screening and vetting.  **Proposed Solution**  License Plate Recognition and Visitor Management System  Vehicle and visitor movement can be effortlessly monitored and recorded automatically, ensuring error-free record creation.  . | | |