**INFORMATION & COMMUNICATION TECHNOLOGY**

The act of communication is the most important of all human activities. Is a fact that all human activities are interdependent on one another socially, economically, culturally and politically. No human being can live in isolation, that to say human being must pass on and also receive information in every activities that must be done. Communication is one of the fundamental functions of the office and process which is essential to all forms of business. It is the means of conveying information from one person to another, which can be through telephone, post office, teleprinter, mobile phone, messenger services, computer and many other means in order to receive information, ideas and knowledge from one person to another.

**DATA ANALYSIS**

* ***Postal Services and Facilities***

The Postal Office in the municipality is manned by three personnel: the post master and two letter carriers.

The letter carriers are designed to various barangays for a more efficient delivery of letters. But with the existence of wireless communications, the number of letters being delivered had been declining, According to the post master, there are no available records regarding the volume of transactions for the last three years has attested that letters being mailed and delivered have decreased in the past years.

The postal service rates are as follows: Php 15.00 for ordinary mails, Php 20.00 for registered mail, Php 50.00 and above for international mails.

* **Telephone Services**

The telephone companies, operating in the area Philippine Long Distance Telecommunication and Globe. Presently, the company has varied their rates which allows subscribers to choose their desired rates from Php 999.00 per month to Php 1,299.00 per month or higher.

* **Broadcast and Print Media**

There are no radio and television stations in the locality. However, radio stations in Dagupan serve the area. For television stations, Dagupan is the nearest location of a local television stations, ABS-CBN and GMA Dagupan in particular.

Radio stations can be found in Dagupan. For print media, national, as well as local newspapers are available in newsstands. These include Manila Bulletin and Philippine Daily Inquirer. Weekly local newspapers published in the area are the “Guardian”, “Sunday Punch” and the “Northern Time”. Magazines, such as MOD, Womens, etc. are also available in newsstands daily.

**Communication Service Facilities**

**Table 116: Communication Service Facilities**

| **TYPE** | **BARANGAY** | **OWNERSHIP** | |
| --- | --- | --- | --- |
| **PUBLIC** | **PRIVATE** |
| Postal Services | Poblacion | 1 |  |
| Internet Providers | All Barangay |  | Globe, PLDT |
| Telephone Service Provider | All Barangay |  | Globe, PLDT |
| Cell Sites Network | Selected Barangays |  | Globe/ SMART |

**Current and Projected Needs**

Because communication services play a vital role in the attainment of progress, there is a necessity to improve and expand both the services of the Philippine Postal Corporation, PLDT and Globe. Many of the postal facilities have not been provided in the municipality such as stamping machines, mail boxes and the like, even if mail volume has been declining, there is still a need to improve postal services by providing the needed personnel and facilities.

Upgrading and provision of advanced facilities such as computers are needed in order for the postal personnel to deliver better, faster and more efficient services. PLDT and Globe must also strive to expand their services to reach more barangays in Mangaldan.

**Table 117: Information & Communication Technology Matrix Analysis**

|  |  |  |
| --- | --- | --- |
| **Problems/Issues/Concerns** | **Recommendations** | **Policies/Strategies** |
| Lack of computer laboratory in every school. | The Local Government should help in putting up computer laboratories in every public school. | Fund raising/donations. |
| Security problems in public places. | * Putting up CCTV cameras in all public places. * Police visibility * Barangay Tanod reinforcement. | Fund raising/donations |
| Need of E–Library | Establishment of E-Library in the municipality. | Fund raising/donations |
| Insufficient of publication to the official news letter of Mangaldan. | Produce sufficient copies of the official news letter of Mangaldan. |  |
| Telecommunication wires are not properly installed causing eye-sore to the public. | * Underground installations of wires. * Improve and upgrade the system. | Telecommunication companies |
| Uncontrolled pupils/students going to the internet café during class hours. | Strict implementation of the municipal ordinance and monitoring of the internet café by the proper authorities. | Wide information and dissemination of the municipal ordinance.  Unannounced visit to the internet café. |

The importance of infrastructure plays in people’s everyday lives is often taken for granted through it is one of the biggest issues that government across the globe need to address in their public policies. Infrastructure investment in the development and of communications, Information Technology, Roads and other infrastructure projects are important to both economic development and quality of life. Failure to invest, means a failure to sustain and develop our social and economic wellbeing.

A critical issue facing the local government today is the limited funding available to embark on infrastructure investment is often cut back or shelved for a later date.

**Table 118: Integrated Infrastructure Analysis**

|  |  |  |
| --- | --- | --- |
| **Priority Issues/Problems** | **Possible Intervention (Policies, programs/Projects)** | **Responsibility Center** |
| Critical condition of roads and bridges. | Improvement and widening of narrow and critical roads; replacement of destroyed bridges. | DPWH/LGU |
| Unserved households with no electricity. | Provision of electricity to un-energized area/sitios in the municipality. | CENPELCO |
| Low pressure of water from the distribution pipes to households/consumers | Improvement and additional of water pumping station in different barangays availing their services. | MAWAD |
| Limited telephone/mobile access. | Establishment of cellsites/towers in coordination with communication providers. | LGU/ PLDT/ GLOBE/ SMART |