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| **TEMS/SERVICES** | **JUSTIFICATION** | **NEEDED BY** | **ACQUISITION METHOD** | **CONSTRAINTS** | **COST** |
| **HUMAN RESOURCES** | | | | | |
| **Project Manager** | It is necessary for this project as the project manager will act as the main coordinator of the team to the client. Also, the Project Manager is the one responsible in keeping track the progress of the team | NDRRMC-Logistics Cluster | HR Hiring | Availability, Required Skills | ₱ 76, 682.00 |
| **Web Designer and Developer with PHP Skills** | It is necessary for this project as this project requires software development, and the system designer will identify and satisfy the requirements that the client gave. | NDRRMC-Logistics Cluster | HR Hiring | Availability, Required Skills | ₱ 25,673.00 |
| **Documentation Specialist** |  | NDRRMC-Logistics Cluster | HR Hiring | Availability, Required Skills | ₱ 23,250.00 |
| **Quality Assurance Analyst** |  | NDRRMC-Logistics Cluster | HR Hiring | Availability, Required Skills | ₱ 21,600 |
| **DOCUMENTATION** | | | | | |
| **Office 365 Business** | This is a package of software that is relevant for the project documentation, as well as the communication among the team, and the client. | Project Team | License Purchasing | Internet Speed, Cost, Hardware Availability | ₱ 1,875.00 |
| **yEd Graph Editor** | This software will be used to illustrate different diagrams for the system and the documentation for easier and unified comprehension. | Documentation Specialist | Open Source Download | Hardware Availability | --- |
| **GitHub** | This platform aids the team to monitor the version control of the system, also, it will be used a centralized storage of all files related to the project | Project Team | Open Source | Internet Speed, Hardware Availability | --- |
| **Project Libre** | This is a project manager software that will aid the project manager in creating the WBS, Gantt Chart, and other Project Management Related tasks. | Project Manager | Open Source Download | Hardware Availability | --- |
| **SOFTWARE DEVELOPMENT** | | | | | |
| **XAMPP** | This software acts as the HTTP Server and MariaDB Database. This is used to mimic a client-server environment via localhost. | Project Developer; System Designer | Open Source Download | Hardware Availability | --- |
| **MobaXterm** | This tool will be used as the SSH terminal connecting to the EC2 instance and will be used to configure and run commands in the said instance. | Project Developer; System Designer | Subscription | Cost, Hardware Availability | ₱ 3,605.00 |
| **PuTTYgen** | This tool is used to convert private keys and add more security options to connect to the EC2 instance. | Project Developer; System Designer | Open Source Download | Hardware Availability | --- |
| **Sublime Text** | This tool will help the project developer to easily navigate through the project folder (repository) and edit the source code of the system. | Project Developer; System Designer | License Purchasing | Cost, Hardware Availability | ₱ 4,180.00 |
| **Firefox Quantum** | This browser will be used as the medium to deploy the system as it is a web application | Project Team | Open Source Download | Hardware Availability | --- |
| **GitHub Desktop** | This tool will help the team in connecting and performing various operations (commit, pull, push, merge, etc.) with the GitHub Repository. | Project Team | Open Source Down load | Internet Speed, Hardware Availability | --- |
| **Amazon Web Service** | Under this service is the Amazon Elastic Compute Cloud, or EC2, which will be used to host the system via cloud. This includes a t2.micro instance and a 1TB General Purpose SSD storage. | Project Developer; | Subscription | Internet Speed, Cost, Hardware Availability | ₱ 6,500.00 |
| **HARDWARE** | | | | | |
| **Lenovo IdeaPad 510s** |  | Project Team | Store Purchase | Cost, Device Availability | ₱ 64,995.00 |