**A blue logo with blue text

Description automatically generated**

**Resource Loading & Costing**

**ON**

**RPA TECHNICAL ARCHITECTURE PROGRAM**

**Submitted By: Netlink Software Group America Inc.**

**Resource Loading & Costing Estimation for RPA Technical Architecture Program**

To estimate the resources and cost required for the RPA Technical Architecture Program, we'll focus on several key aspects:

* Resource Roles and Responsibilities
* Key Roles and Estimated Effort
* Resource Loading (Full-Time Equivalent - FTE)
* Cost Estimation

Based on the scope of work and deliverables outlined in the project, here’s a breakdown of the resources needed across the 12-month duration.

**1. Resource Roles and Responsibilities**

|  |  |
| --- | --- |
| **Role** | **Responsibilities** |
| **RPA Architect** | Define RPA architecture, technology stack, and infrastructure. Collaborate with stakeholders to ensure alignment with goals. |
| **RPA Developer** | Develop automation workflows, configure Orchestrator, and implement best practices for automation development. |
| **Business Analyst (BA)** | Collaborate with business teams to gather requirements, prioritize processes for automation, and validate outcomes. |
| **QA Engineer** | Conduct unit testing, integration testing, and user acceptance testing (UAT) for RPA workflows. |
| **Project Manager (PM)** | Manage timelines, resource allocation, risk mitigation, and coordination between stakeholders. |
| **Infrastructure Engineer** | Manage RPA infrastructure, including UiPath Orchestrator, licenses, servers, and databases. |

**2. Key Roles and Estimated Effort:**

1. **Project Manager:**
   * **Effort:** 20% FTE (Full-Time Equivalent)
   * **Responsibilities:** Oversee project execution, manage timelines, coordinate with stakeholders, ensure project goals are met.
2. **RPA Architect:**
   * **Effort:** 50% FTE
   * **Responsibilities:** Define and optimize technical architecture, select technology stack, ensure alignment with organizational goals.
3. **Business Analyst:**
   * **Effort:** 40% FTE
   * **Responsibilities:** Gather and finalize business automation requirements, collaborate with stakeholders, document processes.
4. **RPA Developer:**
   * **Effort:** 100% FTE (2 Developers)
   * **Responsibilities:** Design, develop, and test automation solutions using UiPath, create Solution Design Documents (SDDs).
5. **Infrastructure Specialist:**
   * **Effort:** 30% FTE
   * **Responsibilities:** Manage RPA infrastructure, including UiPath Orchestrator, licenses, servers, and databases.
6. **Quality Assurance (QA) Engineer:**
   * **Effort:** 50% FTE
   * **Responsibilities:** Conduct testing, perform code reviews, ensure adherence to best practices.

**3. Resource Loading (Full-Time Equivalent - FTE)**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Role** | **FTE Allocation (%)** | **Effort (Person-Months)** | **Monthly Rate (AED)** | **Total Cost (AED)** |
| **RPA Architect** | 50% | 6 months |  |  |
| **Senior RPA Developer (2)** | 100% | 12 months |  |  |
| **Business Analyst** | 40% | 4.8 months |  |  |
| **QA Engineer** | 50% | 6 months |  |  |
| **Project Manager** | 20% | 2.4 months |  |  |
| **Infrastructure Engineer** | 30% | 3.8 months |  |  |

**4. Cost Estimation**

|  |  |
| --- | --- |
| **Role** | **Total Cost (AED)** |
| **RPA Architect** |  |
| **Senior RPA Developer (2)** |  |
| **Business Analyst** |  |
| **QA Engineer** |  |
| **Project Manager** |  |
| **Infrastructure Engineer** |  |