|  |  |  |  |
| --- | --- | --- | --- |
| **Project Start Date** | 02 Jun 2020 | **KOM Date** | 02 Jun 2020 |
| **Customer** | M/s Air Liquide Singapore Pte. Ltd | | |
| **Project Code / Name** |  | | |
| **Project Phase** | Engineering & Software Development | | |
| **Project Progress Report for the Period** | 09 Jun 2020 to 21 Oct 2020 | | |
| **Report Frequency** | Periodically | | |
| **Overall % Completed** | 85% | | |

# Tasks Accomplished For the Period

*This section states or lists down all the tasks accomplished for the period*.

## 1a. Documents / Design details received from Customer Name:

|  |  |  |  |
| --- | --- | --- | --- |
| **Description** | **Rev No** | **Planned Date** | **Actual Date** |
| System Architecture | --- | --- | During Proposal |
| SCADA Backup Collection  (AMK-1, AMK2 GMS System) | --- | 11 Jun 2020 | 15 Jun 2020 |
| Electrical Panel Drawing | --- | 11 Jun 2020 | 19 Jun 2020 |
| Field Termination Drawing | --- | 11 Jun 2020 | --- |
| SCADA Operating System Control Philosophy | --- | 11 Jun 2020 | --- |

## 1b. Document / Design submission by IC Pro

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **Description** | **Rev No** | **IC Pro Submission** | | | **Customer Name Approval** | | |
| **Planned Date** | | **Actual Date** | **Planned Date** | | **Actual Date** |
| Project Plan | 0 | 09 Jun 2020 | | 09 Jun 2020 | --- | | --- |
| IO List | 0  1 | --- | | 18 Jun 2020  23 Jul 2020 | 22 Jun 2020  24 Jul 2020 | | 29 Jun 2020  27 Jul 2020 |
| Bill of Material with Datasheets | 0  1  2 | 09 Jun 2020  12 Jun 2020  --- | | 19 Jun 2020  28 Jun 2020  23 Jul 2020 | 22 Jun 2020  02 Jul 2020  24 Jul 2020 | | 29 Jun 2020  03 Jul 2020  27 Jul 2020 |
| Panel GA/IGA Drawings | 0  1 | 11 Jun 2020  --- | | 28 Jun 2020  23 Jul 2020 | 02 Jul 2020  28 Jul 2020 | | 03 Jul 2020  27 Jul 2020 |
| Electrical Panel  Wiring Diagram (AMK-1) | 0  1  2 | 29 Jun 2020  ---  --- | | 01 Jul 2020  23 Jul 2020  31 Aug 2020 | 06 Jul 2020  28 Jul 2020  07 Sep 2020 | | 03 Jul 2020  27 Jul 2020  07 Sep 2020 |
| Electrical Panel  Wiring Diagram (AMK-2) | 0  1  2 | 29 Jun 2020  ---  --- | | 28 Jun 2020  23 Jul 2020  31 Aug 2020 | 02 Jul 2020  28 Jul 2020  07 Sep 2020 | | 03 Jul 2020  27 Jul 2020  07 Sep 2020 |
| Network Architecture Diagram | 0  0 | 23 Jun 2020  --- | | 28 Jun 2020  14 Oct 2020\* | --- | | --- |
| Functional Design Specification | 2 | 29 Jun 2020 | | 28 Jun 2020 | 03 Jul 2020 | | 03 Jul 2020 |
| Clarification List | 0 | --- | | 29 Jun 2020 | 03 Jul 2020 | |  |
| MOM |  | --- | | 03 Jun 2020  17 Jun 2020  01 Jul 2020  15 Jul 2020  28 Jul 2020  11 Aug 2020  06 Oct 2020 | --- | | --- |
| FAT | 0 | 24 Jul 2020 | | 16 Aug 2020 | 29 Jul 2020 | | 24 Aug 2020 |
| SAT Procedure/MOS  (I&C Plan) | 0  1 | Based on FAT Completion | 24 Sep 2020  06 Oct 2020 | | 01 Oct 2020  07 Oct 2020 | 05 Oct 2020  07 Oct 2020 | |
| Risk Assessment document  (I&C, Migration Project) | 0 | Based on FAT Completion | 24 Sep 2020 | | 01 Oct 2020 | 05 Oct 2020 | |
| Operational &  Maintenance Manual | 0 | Based on SAT Completion | | | | | |

I&C – Installation & commissioning

MOS – Method of Statement

\*Submitted as revision 0 again, since it is a combined document of both and PLC Upgrade Projects

## 1c. Scada Screen Development

## Attach Sample Screens.

## 1d. Assembly and Manufacturing Progress

Assembly and manufacturing completed on 26th Aug 2020.

**AMK-01 GMS RIO Panel**

|  |  |
| --- | --- |
| **IMG_20200808_113832.jpg** | **IMG_20200808_113550.jpg** |
|  |  |

**AMK-02 GMS RIO Panel**

|  |  |
| --- | --- |
| **IMG_20200808_113832.jpg** | **IMG_20200808_113550.jpg** |

## da66bca6-73b7-49a7-801f-a4a592aaccec.jpg

## 1e. Engineering Development Progress

As per Project Schedule, SCADA Screen Design /PLC Logic Development is completed.

Panel Integrity Test with SCADA/Logic has been tested and Completed on 14 Sep 2020.

# Factory Acceptance Test

FAT was conducted as two different sections and completed successfully.

1. Remote Software FAT at ASLG – SCADA Verification, SCADA Operation Test, Trends, Alarms etc through Simulation in SCADA PC.
2. Hardware FAT at ICPro Factory – Panel Integrity Test with SCADA & Software FAT Punch List closure.

|  |  |
| --- | --- |
|  | Completion Date |
| Remote Software FAT | 27Aug 2020 |
| Hardware FAT | 17 & 18 Sep 2020 |

# Problems/Issues Encountered & Resolution

*This section states the problems, Issues encountered during the execution of the tasks and its corresponding resolution, if any.*

# Outstanding Issues and Risk Assessment

*This section states the outstanding issues, assessment of various risks in the project and the mitigation plan.*

|  |  |  |  |
| --- | --- | --- | --- |
| **S. No.** | **Description** | **Project Impact** | **Mitigation plan** |
| 1 |  |  |  |

# Plan for the Next Period

*This section states the new tasks or outstanding issues, if any, to be undertaken in the following period.*

* Planned to start the Internal Panel Testing at factory from 10th Aug 2020.
* As discussed earlier software FAT will be scheduled on 20th & 21st Aug 2020.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prepared By** | **:** | Udhaya Kumar S | **Reviewed By** | **:** | Vaithiyanathan R |
| **Date Prepared** | **:** | 08 Aug 2020 | **Date Reviewed** | **:** | 08 Aug 2020 |