|  |  |  |  |
| --- | --- | --- | --- |
| **Project Start Date** | 23 March 2021 | **KOM Date** | 23 March 2021 |
| **Customer** | M/S BW Offshore | | |
| **Project Code / Name** | ICP\_PR\_J#1414/MGC-C Control Panel Upgrade | | |
| **Project Phases Involved** | Procurement, Manufacturing, Engineering & Software Development | | |
| **Project Progress Report for the Period** | 23 March 2021 to 30 April 2021 | | |
| **Report Frequency** | Monthly | | |
| **Overall % Completed** | 30% | | |

# Tasks Accomplished For the Period

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

## 1a. Documents / Design details received from BW:

|  |  |  |
| --- | --- | --- |
| **Description** | **Rev No** | **Received Date** |
| System Architecture | --- | During Proposal |
| BWO Pre-Remarks:  Latest PLC Backup  Latest HMI Backup | --- | 26 Mar 2021  14 Apr 2021 |
| Existing Panel Drawing | --- | 29 Mar 2021 |
| Existing Documents  Operational Manual  Panel Drawing  Control Philosophy  Cause & Effect  & other project documents | --- | Not yet Received 29 Mar 2021  Not yet Received  Not yet Received |
| ICPro requested BWO to provide the temperature of the area where the panel is installed. | --- | 31 Mar 2021 |
| Document List SMDL template  Document template, Document No. to be followed for coversheet, drawing templates if any; | -- | 31 Mar 2021 14 Apr 2021 |
| Instruments datasheet/model number and this is required for selecting the Intrinsic Safe barrier. | -- | 06 Apr 2021 |
| Photos of existing panel from Inside and Outside. | -- | 29 Mar 2021 |
| Existing Purge system details | -- | 20 Apr 2021 |

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

| **Doc No.** | **Description** | **Rev No** | **IC Pro Submission Date** | **BWO Approval Date** |
| --- | --- | --- | --- | --- |
| 0255-IPO-Z-LA-00001 | Supplier Master Document List (SMDL) | A | 08 Apr 2021 | 14 Apr 2021 |
| 0255-IPO-I-LA-00001 | I/O List | B | 20 Apr 2021 | Yet to receive |
| 0255-IPO-I-DS-00001 | Data Sheets | B | 20 Apr 2021 | Yet to receive |
| 0255-IPO-I-VB-00001 | Certifications | A | 20 Apr 2021 | Yet to receive |
| 0255-IPO-I-LA-00003 | Bill Of Materials | A | 20 Apr 2021 | Yet to receive |
| 0255-IPO-I-XE-00001 | General Arrangement Drawings | A | 20 Apr 2021 | 30 Apr 2021 |
| 0255-IPO-E-XK-00001 | Electrical Schematic Drawings | A | 30 Apr 2021 | Yet to receive |

## 1d. Assembly and Manufacturing Progress

* AB PLC are ordered and received.
* Panel View HMI is ordered.
* Ethernet Switch ordered
* Panel and Purge system ordering waiting for GA approval.
* All other electrical items ordering in progress will be completed by 8th May 2021

## 1e. Engineering Development Progress

PanelView Migration: Migrating the project to Panel View Plus 7 HMI is completed, Screen Neatness is under progress. Tag Changes, Alarm Configuration, Testing & Integration with PLC works are needed to be planned as per the schedule.

PLC Migration: Migrating the project to Studio 5000 version is completed. Modbus Integration with ADAM Engine and ICSS are needed to be planned as per the schedule.

# Problems/Issues Encountered & Resolution

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

Design documents submission and Approval are in progress. Ordered placed for materials that can be purchased without approval. However, panel and purge unit to be ordered after approval of the document and confirmation of design inputs. Impact on Schedule to be analyzed based finalization of panel and purge unit lead time.

This will be discussed during the upcoming progress review meeting; To expedite document approval and supplier lead time for panel and purge unit.

# Outstanding Issues and Risk Assessment

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

# Plan for the Next Period

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

* Document Submission

| **Doc No.** | **Description** |
| --- | --- |
| 0255-IPO-I-XI-00001 | System Architecture Diagram |
| 0255-IPO-I-SA-00001 | Hardware Design Specification |
| 0255-IPO-I-LA-00002 | Modbus List |
| 0255-IPO-S-SA-00001 | Environmental Conditions |
| 0255-IPO-E-VB-00001 | EX certificate |

* Revise the document as per the comments and Resubmit for approval.

| **Doc No.** | **Description** |
| --- | --- |
| 0255-IPO-I-XE-00001 | General Arrangement Drawings |
| 0255-IPO-E-XK-00001 | Electrical Schematic Drawings |

* Document Approval
* Electrical BOM procurement
* Control BOM Procurement
* Panel Manufacturing based on the GA/IGA and wiring drawing approval.
* SCADA/PLC software migration.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Prepared By** | **:** | Udhaya Kumar S | **Reviewed By** | **:** | Thanikachalam M |
| **Date Prepared** | **:** | 03 May 2021 | **Date Reviewed** | **:** | 03 May 2021 |