Lean Specification

O2\_GENAI\_REP1292\_Purchase Order Status Report

Document Control Information

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# Summary

## Purpose/Justification

This lean specification document is intended to provide the necessary information, assumptions, rules, and logic to develop the XXX PO Status Report according to business requirements.

The XXX PO Status report lists all the required details of purchase orders belonging to a particular project.

## Report Description and Overview

|  |  |
| --- | --- |
| Report Name | O2\_GENAI\_REP1292\_Purchase Order Status Report |
| Report Path | To be confirmed by tech team |
| Report Schedule | Adhoc |
| Scheduled Report Recipients | User submitting the report will download from same location |
| Output Format | Excel |
| Report Owner | XXX PTC Business Team |
| Estimated number of records | PO details for a project |
| Additional Comments | Not Applicable |

## Legacy Report Sample

## Definitions and Acronyms

| Term | Meaning |
| --- | --- |
| PO | Purchase Order |
| CO | Change Order |
| PA | Project Accounting (Project Portfolio Management) is a module in Oracle Fusion. Project Portfolio Management is an integrated project management solution that is designed to automate, streamline, and control project financial management processes. |
| ERP | Enterprise Resource Planning is business process management software that allows an organization to use a system of integrated applications to manage the business and automate many back-office functions related to technology, services, and human resources. |

# Functional Design

## Assumptions

• All the configurations for Project (PPM) module should be completed.

• All the PO configuration details should be complete.

• The user should have right set of access to generate the report.

## Dependencies & prerequisites

## Report Details

|  |  |
| --- | --- |
| Report Name | O2\_GENAI\_REP1292\_Purchase Order Status Report |
| Report Path | /Shared Folders/Custom/<Custom Folder Structure> |
| Report Schedule | Ad hoc/Scheduled |
| Report output Path | User submitting the report will download from same location |
| Output Format | Excel |
| Report Owner | XXX PTC Business Team |
| Estimated number of records | PO details for a project |
| Report File Naming Convention | Not Applicable |
| Additional Comments | Not Applicable |

## Launch Parameters

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Parameter Name** | **Type** | **Parameter Prompt** | **Value Selection type** | **Default value** | **Comments** |
| Project # | LOV | Project# | LOV | NA | 1. Project# to be selected for which report to display the data.  2. *Mandatory parameter.* |
| Purchase Order # | LOV | PO# | LOV | NA | 1. PO# to be selected for which the report should display the data.  PO# dependent on Project# selected above.  2. Optional *parameter.* |

## Key Logic

* The report should run, and fetch details of all POs based on the selected parameters.
* Project #’s where no purchase order is created will not be part of this report.
* Invoice details should be for the invoice which is in final accounted mode. If such an invoice does not exist, then invoice field(s) should be left blank.
* Report data should be summarized amount columns based on the Project#, PO#, Cost Category Code (Task#)
* Report run date should be displayed as a part of the report.
* Amount totals should be displayed for every PO at the end of PO details.
* Report totals should be displayed at the end of the report.

## Data Selection and Sorting

The report should display data based on selected Project# which is a mandatory parameter and PO# which is dependent on the Project# parameter and is optional. In case, PO# is left blank then all the POs for the given project should be selected.

Data can be sorted based on ascending purchase order number and cost code category.

## Data Mapping Layout



## Business Rules and Calculations

| Rule Type | Rule ID | Description | Comments |
| --- | --- | --- | --- |
|  |  |  |  |

## Grouping and Subtotal Requirements

| Ref | Feature description | Developer notes | Sign-off |
| --- | --- | --- | --- |
|  |  |  |  |

## Output Type and Destination

## Sample Report

## Common report formatting

| Sl No | Reporting Standards |
| --- | --- |
|  |  |

## Acceptance Criteria

## Test Scenarios

| Sr. No | Scenario | Expected Result |
| --- | --- | --- |
| 1 | Run the report with Project# parameter as blank. | The report should not be allowed to be submitted as this is a mandatory parameter. |
| 2 | Run the report by providing the correct Project#. | The report should be generated with the correct details. |
| 3 | Run the report by providing Project# in which PO was not created. | Parameter should not display such project numbers where no PO exists. |
| 4 | Run the report where more than 1 purchase orders are available for a project and no change orders and invoices exist. 1 PO should be ‘Approved’ and other should be ‘Pending Approval’. | Correct amount value and total should be displayed against ‘Original amount’, ‘Pending Changes’, ‘Approved Changes’ ‘Revised Contract’, ‘Amount Invoiced’ and ‘Balance’ fields. |
| 5 | Run the report where 1+ purchase orders (both Approved/Open) are available for a project and 2 change orders per PO exist. 1 CO should be in ‘Incomplete’, and another CO should be ‘Approved’/’Open’. NO invoice exists. | Correct amount value and total should be displayed against ‘Original amount’, ‘Pending Changes’, ‘Approved Changes’ ‘Revised Contract’, ‘Amount Invoiced’ and ‘Balance’ fields. |
| 6 | Run the report where 1+ purchase orders (both Approved/Open) are available for a project and 2 change orders per PO exist with 1 CO in in ‘Pending Approval’ and second CO in ‘Approved’/’Open’ status. NO invoice exists. | Correct amount value and total should be displayed against ‘Original amount’, ‘Pending Changes’, ‘Approved Changes’ ‘Revised Contract’, ‘Amount Invoiced’ and ‘Balance’ fields. |
| 7 | Run the report where 1+ purchase orders (both Approved/Open) are available for a project and 2 change orders per PO exist with 1 CO in ‘Incomplete’, second in CO in ‘Approved’ status. 3 invoice exists per PO with 1 invoice unapproved, second invoice in approved but unaccounted and 3rd invoice as approved and final accounted. | Correct amount value and total should be displayed against ‘Original amount’, ‘Pending Changes’, ‘Approved Changes’ ‘Revised Contract’, ‘Amount Invoiced’ and ‘Balance’ fields. |
| 8 | Run the report where 1+ purchase orders (both Approved/Open) are available for a project with no change orders. 3 invoice exists per PO with 1 invoice unapproved, second invoice in approved but unaccounted and 3rd invoice as approved and final accounted. | Correct amount value and total should be displayed against ‘Original amount’, ‘Pending Changes’, ‘Approved Changes’ ‘Revised Contract’, ‘Amount Invoiced’ and ‘Balance’ fields. |
| 9 | Run the report where 1+ purchase orders (both Approved/Open) are available for a project and 2 change orders per PO exist. 1 CO should be in ‘Approved’/’Open’ and another should be ‘Submitted’. 3 invoice exists per PO with 1 invoice unapproved, second invoice in approved but unaccounted and 3rd invoice as approved and final accounted. | Correct amount value and total should be displayed against ‘Original amount’, ‘Pending Changes’, ‘Approved Changes’ ‘Revised Contract’, ‘Amount Invoiced’ and ‘Balance’ fields. |

# Technical Design Specifications

## Overview

## Detailed Report Design

|  |  |
| --- | --- |
| **Report Design** | |
| **Report Path** | <Report Path> |
| **Report Name** | <RPTxxxx\_Report Name> |
| **Report Tool** | HCM Extract  BI Publisher  OTBI |
| **Output Format** |  |
| **Report Security Group** |  |
| Additional Information |  |

## BI Publisher Design

|  |  |
| --- | --- |
| **BI Publisher Details** | |
| **Data Model Name** |  |
| **Template Name** |  |
| **Template Output Formats (\* Indicates Default)** |  |

|  |
| --- |
| **Report SQL** |
| <Attach the report SQL/PLSQL/Webservice> |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Report Parameters** | | | | |
| **Parameter Name** | **Data Type** | **Default Value** | **Required (Y/N)** | **LOV query** |
|  |  |  |  |  |

|  |
| --- |
| **Report Layout** |
| <Attach report layout> |

## OTBI Design

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Columns** | | | | |
| **Subject Area** | **Folder** | **Column** | **Sort Order** | **Filter Criteria** |
|  |  |  |  |  |

|  |  |  |
| --- | --- | --- |
| **Views** | | |
| **View Type** | **View Name** | **View Columns** |
|  |  | <list if applicable> |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Analysis Prompts** | | | | |
| **Prompt Type** | **Column Name** | **Label** | **Data Type** | **Default Value** |
|  |  |  |  |  |

|  |  |
| --- | --- |
| **Advanced Options** | |
| **Option Name** | **Option Details** |
|  |  |

# Technical Unit Test

| Sl No | Conditions to be tested | Expected Result | Executed |
| --- | --- | --- | --- |
| 1 |  |  |  |
| 2 |  |  |  |
| 3 |  |  |  |

# Migration Steps

# Open and Closed Issues

## Open issues

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl No | Question | Answer | Due Date | Owner |
|  |  |  |  |  |

## Closed issues

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Date Reported | Status | Question | Answer | Due Date | Responsible Party |
|  |  |  |  |  |  |

# Appendix