

Glinton Information

PRM (Project Resource Management) System

Presentation

Taipei: +882-2-2726-5861
Vietnam: +84-86-2968-469
Cambodia: +855-23-900380

[URL: www.glinton.com.tw](http://www.glinton.com.tw)



Agenda

1. PDM System Positioning
2. System Scope
3. Function Flow Chart
4. Screen Capture Sample
5. PRM System Features and User Benefit

PDM System Positioning

Construction and M&E Projects involving many detailed operations need to watch and follow up. Most ERP systems are designed for the generic commercial environment that might not cover detailed requirements for those projects. PDM is a simple and all-in-one package software dedicated to design for handling M&E projects in subtle detail.

PRM System Scope

A. PRM (the main system)

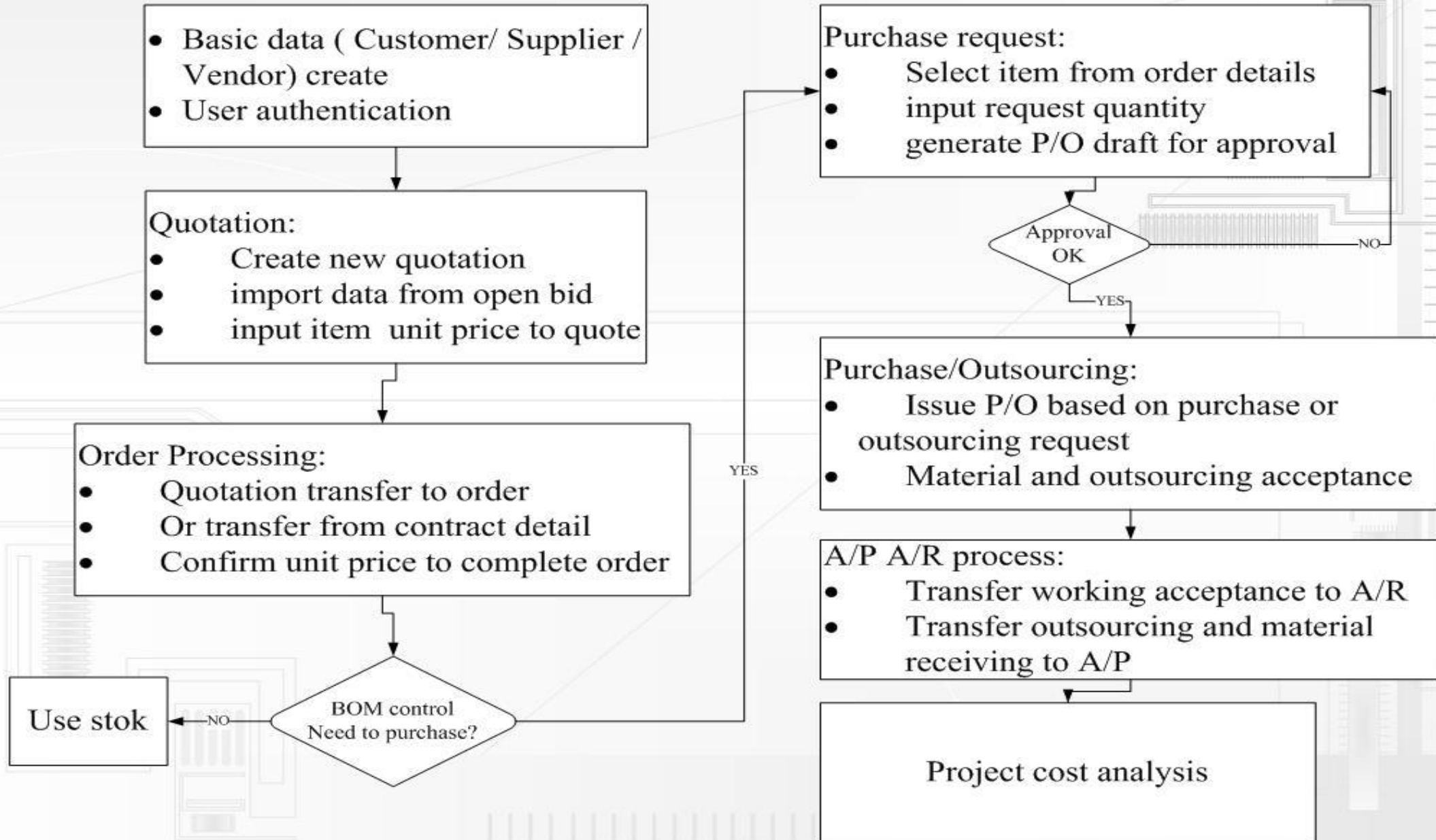
1. Import RFQ detail to create a quotation
2. Quotation or contract file to generate a master order
3. Master order to generate purchase or sub-contract order
4. Acceptance report converted to AP and AR details
5. Project cost analysis

B. PDM (optional sub-system)

1. Master order detail converted to working calendar
2. Daily work log report
3. On-site machine, material, inspection details
4. Inspection and supervision report

PRM System Flow Chart

Data Flow Chart



Screen Capture Example: 1. Order Processing

Project Resource Management - [Order Process (FC01A)]

System Basic Phrase Order Outsourcing Purchase Material Inventory Finance Order Analysis Windows

Authority Password Customer Vendor Supplier RFQ Quotation Order Process Working Order Outsourcing Check A/P Apply Material Purchase Receive Material Payable Receivable Process Cost Analysis

單據複製 表單正常 索引在上 關閉索引 全視窗 Auto Coding

Order No.	Order date	Work Cat.	
O220615-001	2022/6/15	政府標案	國
O220620-001	2022/6/20	政府標案	桃
O220725-006	2022/7/25	政府標案	桃
O220928-004	2022/9/28	政府標案	基
O220929-008	2022/9/29	範例	基
O221011-002	2022/10/11	同行轉包	國

*

Order No.	O221011-002	Order Date	2022/10/11	Status	2.進行中
CustomerID	008001	國防部採購局	OrderCat.	同行轉包	
Contractor	000987	華美裝潢工程行	Request No.		
Work No.	S-10125	Sales admin 業2	Assistant		
Subject	國家中山科學研究院高雄G035新建工程		Working Place	高雄市左營區	
EST. Start	2022/5/12	EST.Com...	2023/2/24	Dead Line	
Payment term		Deposit	0		
Amount	2,158,500	Inv.Type		TTL Amt (wz.Tax)	0
Introduce by		Commission	0	Quotation No.	Q221006-001
Contract File	D:\Great Lite\業務聯繫及報價\G035\光明遠大\國家中山科學研			CreateDate	

Contract detail WorkingDetail Outscr Detail MaterialDetail AccessoryDetail ExpenseDetail Labour.Cost Doc. Remark

全部刪除 Excel匯入

SEQ	Item No	Work Description	Unit	Qty	U/Price	Amount	Code
00004	參一.7.1	產品, 閉路電視設備, 32	台	2.000	342700	685400	M137040000A010
00005		網路及數位信號共用)				-	
00006	參一.7.2	產品, 閉路電視設備, 6T	組	22.000	8200	180400	M1370400008013
00007	參一.7.3	產品, 閉路電視設備, 數	台	2.000	0	0	M137040000A015

6/1603

Lock Closed Accepted

State: View Row: 6/6

Company 永錡工程股份有限公司 User admin Version 1.0.0.3 Server 127.0.0.1



Screen Capture Example: 2. Outsourcing Control

Authority Password Customer Vendor Supplier RFQ Quotation Order Process Working Order Outsourcing Check A/P Apply Material Purchase Receive Material Payable Receivable Process Cost Analysis

Order No. O220620-001 Work No.

Customer Sales

Outsourcing Introduce by

Dead Line ~ Compare Date 1/284

Query export EXCEL END

Order No.	SEQ	Work ID	work item	Cat.	Outscr ID.	Outscr S.Name	Ord. Quote	Outscr. Order	Outscr Date	Outscr Amt.	Acpt. No.	Acpt. Date	Acpt. Status	Accepted	Addit
														<input checked="" type="checkbox"/>	
O220620-001	0001	壹一.1	環境保護, 梯間電				0.00							<input type="checkbox"/>	
O220620-001	0002	壹一.2	環境保護, 貨梯及				0.00							<input type="checkbox"/>	
O220620-001	0003	壹一.3	環境保護, 1-5樓原				0.00							<input type="checkbox"/>	
O220620-001	0004	壹一.4	廢棄物運離工地及		000372	大衛清潔服	0.00							<input type="checkbox"/>	
O220620-001	0005	壹一.5	完工細清		000372	大衛清潔服	0.00							<input type="checkbox"/>	
O220620-001	0006	壹一.6	施工測量, 放樣				0.00							<input type="checkbox"/>	
O220620-001	0007	壹一.7	工地臨時建築設施		09498640	御匠設計工	0.00							<input type="checkbox"/>	
O220620-001	0008	壹二.1.1	櫥櫃, 系統高櫃 寬1		09498640	御匠設計工	95000.00	PO220712-001	2022/07/12	120000.00	CK220712-001	2022/07/12	100.00	<input checked="" type="checkbox"/>	
O220620-001	0009	壹二.1.2	櫥櫃, 系統矮櫃 寬1		09498640		90000.00	PO220712-001	2022/07/12	130000.00	CK220712-001	2022/07/12	100.00	<input checked="" type="checkbox"/>	
O220620-001	0010	壹二.1.3	櫥櫃, 系統矮櫃 寬1		09498640		210000.00	PO220712-001	2022/07/12	231000.00	CK220712-001	2022/07/12	100.00	<input checked="" type="checkbox"/>	
O220620-001	0011	壹二.1.4	櫥櫃, 民政課壁面		09498640		19000.00	PO220712-001	2022/07/12	21000.00	CK220712-001	2022/07/12	100.00	<input checked="" type="checkbox"/>	
O220620-001	0012	壹二.1.5	櫥櫃, 民政課壁面		09498640		5000.00	PO220712-001	2022/07/12	7000.00	CK220712-001	2022/07/12	100.00	<input checked="" type="checkbox"/>	
O220620-001	0013	壹二.1.6	櫥櫃, 社會課服務				0.00	PO220712-001	2022/07/12	70000.00				<input type="checkbox"/>	
O220620-001	0014	壹二.1.7	櫥櫃, 臨櫃邊櫃 寬9				0.00	PO220712-001	2022/07/12	85000.00				<input type="checkbox"/>	
O220620-001	0015	壹二.1.8	櫥櫃, 兵役臨櫃邊				0.00	PO220712-001	2022/07/12	32000.00				<input type="checkbox"/>	
O220620-001	0016	壹二.1.9	主管桌 寬250*深176				0.00	PO220712-001	2022/07/12	0.00				<input type="checkbox"/>	
O220620-001	0017	壹二.1.10	櫥櫃, 茶水間 電器				0.00	PO220712-001	2022/07/12	0.00				<input type="checkbox"/>	
O220620-001	0018	壹二.1.11	櫥櫃, 茶水間 廚具				0.00	PO220712-001	2022/07/12	0.00				<input type="checkbox"/>	

Screen Capture Example : 3. Order BOM Control

System Basic Phrase Order Outsourcing Purchase Material Inventory Finance Order Analysis Windows

Authority Password Customer Vendor Supplier RFQ Quotation Order Process Working Order Outsourcing Check A/P Apply Material Purchase Receive Material Payable Receivable Process Cost Analysis

Order No. O220620-001 Work No. Query

Customer Sales export EXCEL

Outsourcing Introduce by END

Mtrl Code Item

Dead Line ~ Compare Date ShowMaterial ShowAccessor

1/7

Order No.	SEQ	Work ID	work item	Cat.	Material ID	Item	Spec.	Unit	REQ.Qty	Use stock	U/Price	Supplier ID	Vendor	P/O No.	Pur.date
O220620-001	0001	壹.一.7	工地臨時建築設施	主料	0152200004A	工地臨時建		式	1.00		5000.00	04387005	優美股份有限公	PM220712-001	2022/07/12
O220620-001	0002	壹.二.1.1	櫥櫃,系統高櫃 寬1	主料	064110000A1	櫥櫃,系統		座	20.00		6000.00	04387005	優美股份有限公	PM220712-001	2022/07/12
O220620-001	0003	壹.二.1.2	櫥櫃,系統矮櫃 寬1	主料	064110000A2	櫥櫃,系統		座	20.00		4500.00	04387005	優美股份有限公	PM220712-001	2022/07/12
O220620-001	0004	壹.二.1.3	櫥櫃,系統矮櫃 寬1	主料	064110000A3	櫥櫃,系統		座	42.00		1900.00	04387005	優美股份有限公	PM220712-001	2022/07/12
O220620-001	0005	壹.二.1.4	櫥櫃,民政課壁面	主料	064110000A4	櫥櫃,民政		座	3.00		3000.00	04387005	優美股份有限公	PM220712-001	2022/07/12
O220620-001	0006	壹.二.1.5	櫥櫃,民政課壁面	主料	064110000A5	櫥櫃,民政		座	1.00		3500.00	04387005	優美股份有限公	PM220712-001	2022/07/12
O220620-001	0001	壹.十一.2.3.7	4.5F全區刷漆	副料	PT020001	全效乳膠漆		桶	3.00		500.00	0540 6541	油漆-油水發企	PA220715-001	2022/07/15

Screen Capture Example: 4. Cost Analysis

System Basic Phase Order Outsourcing Purchase Material Inventory Finance Order Analysis Windows

Authority Password Customer Vendor Supplier RFQ Quotation Order Process Working Order Outsourcing Check A/P Apply Material Purchase Receive Material Payable Receivable Process Cost Analysis

Order Import 表單放大 索引在上 關閉索引 全視窗

Mine All Search

Order No.	Work No.	C
O220928-005		0080
O220725-006	1101019A-01	9592
O220620-001	1101019A-01	9592
O220615-001	109TA606	2733

*
 Order No. O220615-001 Order Date 2022/6/15 Status 2.進行中 OrderCat. 政府標案
 CustomerID 27333141 國立臺灣科技大學 Request No.
 Contractor 12541044 家王室內裝修股份有限公司 Sales admin 業1 Assistant
 Work No. 109TA606 Subject 第一行政大樓(非古蹟)二、三樓空間裝修工程 Working Place 2022/6/15
 EST. Start 2022/6/15 EST. Completed Dead Line
 Payment term Deposit 0
 Amount 13,823,816 Inv. Type 三聯式 含稅 TTL Amt (wz. Tax) 0

Cost Analysis WorkingDetail Outscr Detail MaterialDetail AccessoryDetail ExpenseDetail Labour.Detail

	Estimate	Percentage	Pur.	Percentage	Actual	Percentage
Outscr Cost	16,282,690	117.79 %	0		0	
MaterialCost	237,729	1.72 %	0		0	
AccessoryCost	12,512	0.09 %	0		0	
Labour.Cost	60,000	0.43 %			60,000	
OtherExpense	1,876,276	13.57 %			1,876,276	
Admin. fee	0	0.00 %			0	
Commision	0	0.00 %			0	
TTL.cost	18,469,207	133.60 %	0		0	
OrderAmt.	13,823,816	100.00 %			0	

State: View Row: 4/4

Company 永錡工程股份有限公司 User admin Version 1.0.0.3 Server 127.0.0.1

PRM System Features and User Benefit

1. Applied SQL database to replace personal EXCEL sheet to control project detail to maintain data synchronization
2. Import bid or contract detail directly to avoid possible copy/paste mistakes.
3. Data links and copy from each function, save data checking effort to increase the working efficiency
4. User interface based on project flow, easy to use and learning.
5. BOM and outsourcing control to query project ongoing status in one screen, easy to manage.
6. Optional Daily Working Log function available for managing the project on-site progress and working status.