

3.2.1.2.Costs

The **Cost tab** in the Project Estimates form allows users to enter and manage all cost-related data for a project when the estimation method is set to **Independent Calculation of Costs and Revenues**. This means cost and revenue figures are maintained and calculated separately.

#	Parent	Project Task	Expense Item	Cost Element	F	Quantity per Unit	Quantity	UOM	Price
1		GF - Majlis	Cost of Materials	ORBIT DEEP SILVER WALLPAPER	↑	1.000	2.000	Roll	350.00
2		GF - Majlis	Labor Costs		↑	1.000	2.000		500.00
3		GF - Majlis	Cost of Materials	Wallpaper Glue Powder, Wallpaper Adhesive	↑	1.000	2.000	Nos	120.00
4		GF - Majlis	Cost of Materials	Center table	↑	1.000	2.000	Pcs	5,000.00
5		GF - Majlis	Labor Costs		↑	1.000	2.000		400.00
6		GF - Majlis	Other Operatin...		↑	1.000	2.000		320.00
7		GF - Majlis	Cost of Materials	LED TV 46" wide Samsung	↑	1.000	1.000	Pcs	23,000.00
8		GF - Majlis	Sub Contract	TV Installation and settings	↑	1.000	1.000	Pcs	1,000.00
9		GF - Majlis	Cost of Materials	LED TV 46" wide Samsung	↑	1.000	-1.000	Pcs	23,000.00
10		GF - Majlis	Sub Contract	TV Installation and settings	↑	1.000	-1.000	Pcs	1,000.00
11		GF - Majlis	Cost of Materials	LED TV 46" wide Samsung	↑	1.000	3.000	Pcs	23,000.00
12		GF - Majlis	Sub Contract	TV Installation and settings	↑	1.000	3.000	Pcs	1,000.00

Discount: 0.00 Revenue: 119,205.00 AED
 0.00 Costs: 85,380.00 AED Profit: 33,825.00 AED

Differences Based on Revenue vs. Independent Calculation

Feature	Revenue-Based Calculation	Independent Calculation
Cost derived from revenue	Yes (markup applied)	No (costs are entered independently)
Revenue auto-filled based on cost	Yes	No
Separate handling of VAT, price, and items	Limited	Fully flexible and detailed
Cost and revenue linkage	Direct	No linkage (manual entry)

Fill by Revenue

The **Fill by Revenue** button is available on the Costs tab of the Project Estimates form.

When clicked, it automatically fills in cost estimates using the revenue figures already entered on the Revenues tab. This provides a quick way to generate initial cost values, which can then be adjusted manually if needed. This function ensures consistency between projected revenues and expected costs, streamlining early-stage project budgeting.

Project Estimates MEPE22-00000014 dated 1/25/2022 12:00:00 AM

Main Approvals History of Approval History of Object Status Changes Taken Decisions

Post and close Save Post [Icons] Generate - [Icons] Settings Fill by Templates Change Cost Refill Cost Prices

Main Revenue (47) Costs (113)

Add [Icons] **Fill by Revenue** [Icons] Pick - Purchasing Prices Search (Ctrl+F)

#	Parent	Project Task	Expense Item	Cost Element	F	Quantity	UOM	Price
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Refill Cost Prices

The **Refill Cost Prices** button updates the *Price* fields in the Costs tab using the latest values from **project item pricing documents**. When selected, the system checks each cost item against relevant project-specific pricing records and replaces outdated prices with the most current approved values. A confirmation prompt is displayed before proceeding with the update.

- **Does not** change Quantity, UOM, or Cost Element fields, only the price.
- If no new price is available in the pricing document, the existing value remains unchanged.

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Main Approvals History of Approval History of Object Status Changes Taken Decisions

Post and close Save Post [Icons] Generate - [Icons] Settings Fill by Templates Change Cost **Refill Cost Prices**

Main Revenue (47) Costs (113)

Add [Icons] Fill by Revenue [Icons] Pick - Purchasing Prices Search (Ctrl+F)

#	Parent	Project Task	Expense Item	Cost Element	Resource	Quantity	UOM	Price
1		GF - Majlis	Cost of Materials	ORBIT DEE...	Not Applicable	4.000	Roll	350
2		GF - Majlis	Labor Costs		Not Applicable	4.000		500
3		GF - Majlis	Cost of Materials	Wallpaper ...	Not Applicable	4.000	Nos	120
4		GF - Majlis	Cost of Materials	Armehair	Not Applicable	6.000	Pcs	4,265
5		GF				6.000		1,200
6		GF				6.000		1,450
7		GF				1.000	Pcs	10,300
8		GF				1.000		1,200
9		GF				1.000		400
10		GF - Majlis	Cost of Materials		Not Applicable	2.000		300

All costs project prices will be refilled in accordance with price list. Continue?

Purchasing Price

The **Purchasing Price** form lets users select and apply the most relevant price for an item from historical purchase data, supplier tenders, or Suppliers price lists.

Picking Purchase Price Form

Item: ORBIT DEEP SILVER WALLPAPER

Price (AED): 350.00 Quantity (Roll): 2.000 Amount (AED): 700.00 Price includes VAT

Tendering Prices

Project: Interior of the Villa Tendering Type: For Estimate

Suppliers Tendering	Item	Supplier	Price (excl. VAT)	
Suppliers Tendering MEST...	ORBIT DEEP SILVER ...		300.00	
Suppliers Tendering ME...	ORBIT DEEP SILVER ...	moon link llc	400.00	< Select >
Suppliers Tendering ME...	ORBIT DEEP SILVER WALL...	Blue Roofing Supply	300.00	< Select >
Suppliers Tendering ME...	ORBIT DEEP SILVER ...	AL Khalij Enterprise	350.00	< Select >

Purchasing History

Period: // - //

Purchase Date	Supplier	Price (excl. VAT)		Document
6/3/2025	Top Stone Distribution Ltd	350.00	< Select >	Invoice Received MEIR25-00000003 dated 6...
2/10/2022	Iqra Building Material LLC	3,470.00	< Select >	Invoice Received MEIR22-00000001 dated 2...
2/10/2022	Iqra Building Material LLC	3,470.00	< Select >	Invoice Received MEIR22-00000001 dated 2...

Suppliers Price-lists

Effective Date	Supplier	Price (excl. VAT)		Document
6/4/2025	Blue Roofing Supply	352.38	< Select >	Supplier Prices Entering 00SPE25-000000...
6/4/2025	Top Stone Distribution Ltd	319.05	< Select >	Supplier Prices Entering 00SPE25-000000...

- Shows quantity and price in accounting currency.
- Includes a toggle for VAT inclusion.
- Displays history of purchases by supplier and price.
- Allows applying the selected price directly to the estimate.

This ensures cost accuracy and standardization based on previous procurement.

Change Cost Form

The **Change Cost Form** allows for bulk modification of project cost estimates. Users can adjust values by a specific percentage or a fixed AED amount.

Key Features:

- **Change Cost By:** Apply percentage or absolute adjustments
- **Filters:** Apply changes to specific Expense Items or Work Breakdown Structure (WBS) levels
- **Adjustments Table:** Shows before and after cost values with automatic recalculations
- **Totals Section:** Displays impact on Revenue, Costs, Overhead, and Profit
- **Apply Changes:** Executes and updates cost values
- **Close:** Exits the form without saving changes

Example: A 5% increase on a 658,380 AED budget adds 32,919 AED, updating the cost and reducing profit accordingly.

Villa #115 - Al Hamra Village RAK: Change Cost Form

Change Cost By: % or AED

Filter:

only for Selected Expense Items:

only for Selected WBS:

Adjustments

	Before (AED):	Adj. %:	Adj (AED):	After (AED):
<u>Costs:</u>	<input type="text" value="658,380.00"/>	<input type="text" value="5.000"/>	<input type="text" value="32,919.00"/>	<input type="text" value="691,299.00"/>

Totals:

	Revenue (AED):	Costs (AED):	Overhead (AED):	Profit (AED):
Before:	<input type="text" value="941,483.40"/>	<input type="text" value="658,380.00"/>	<input type="text" value="0.00"/>	<input type="text" value="283,103.40"/>
Adjustment:	<input type="text" value="0.00"/>	<input type="text" value="32,919.00"/>	<input type="text" value="0.00"/>	<input type="text" value="-32,919.00"/>
Result:	<input type="text" value="941,483.40"/>	<input type="text" value="691,299.00"/>	<input type="text" value="0.00"/>	<input type="text" value="250,184.40"/>

Pick by Resources

The **Pick Cost by Resource Types** screen allows users to add different types of costs to a project estimates, such as materials, labor, equipment, and subcontracted services.

On the left, users can select a category like Cost of Materials or Subcontract. After choosing the appropriate category, the related cost items appear in the list on the right. From there, users can pick items like concrete, furniture, or labor services.

The selected items are shown at the bottom, where quantities, prices, and VAT can be entered. Once done, clicking **Add Picked Costs** will add these items to the cost tab of the project estimates. This function is especially useful for custom projects, where cost structure is unique.

Pick Cost by Resource Types

Cost of Materials (Inventory Item)
 Depreciation Costs (Fixed Asset)
 Equipment (Fixed Asset)
 Labor Costs (Manpower)
 Sub Contract (Service)
 All Expense Items

+ Pick Ask Quantity List Search (Ctrl+F) More actions -

Code	Item	Unit of Measure	Expense Item (by ...)	Price
00-0000004	Construction Services			
00-00002035	Equipment			
00-00002017	Expenses			
00-00002036	Fixed assets			
00-00002354	Furniture			
00-00002376	Hired Resources			
00-00000018	Materials			
00-00002409	Services for Fixed Assets Categories			
00-00002390	Services for Positions			
00-00002375	Concrete	Pcs		

Picked Cost for: Villa #115 - Al Hamra Village RAK

Project Task Search (Ctrl+F) More actions -

Project Task	Expense Item	Cost Element	Resource	Quantity	UOM	Price	Price Includes VAT	VAT, %	Amount
GF - Majlis	Cost of Materials	ORBIT DEEP SILV...	Not Applicable	4.000	Roll	350.00	<input type="checkbox"/>	0%	
GF - Majlis	Labor Costs		Not Applicable	4.000		500.00	<input type="checkbox"/>	0%	
GF - Majlis	Cost of Materials	Wallpaper Glue Po...	Not Applicable	4.000	Nos	120.00	<input type="checkbox"/>	0%	
GF - Majlis	Cost of Materials	Armchair	Not Applicable	6.000	Pcs	4,265.00	<input type="checkbox"/>	0%	
GF - Majlis	Labor Costs		Not Applicable	6.000		1,200.00	<input type="checkbox"/>	0%	
GF - Majlis	Other Operating Ex...		Not Applicable	6.000		1,450.00	<input type="checkbox"/>	0%	

Add Picked Costs Close

- **Employees** (Labor costs)
- **Inventory items** (Materials)
- **Fixed assets** (Equipment use)
- **Subcontractor services** (e.g., construction, external labor)

Pick by Templates

The **Pick by Templates** feature allows users to load predefined sets of cost structures into the Costs tab. These sets are drawn from other projects marked as templates.

- Facilitates the reuse of cost data for similar work types
- Saves time and promotes standardization
- Enables consistent cost planning across projects

Pick Cost by Templates

Templates: Search (Ctrl+F) More actions -

Code	Description	Cost	by revenue
0000000001	Template CnC - Bill No : 01 - PRELIMINARIES	17,770.00	by revenue
0000000002	Template CnC - Bill No : 02 - EXCAVATIONS AND EARTHWORKS	35,580.00	by revenue
0000000003	Template CnC - Bill No : 03 - CONCRETE WORKS	160,450.00	by revenue
0000000004	Template CnC - Bill No : 04 - MASONRY WORKS	25,720.00	by revenue
0000000005	Template CnC - Bill No : 05 - THERMAL AND MOISTURE ...	10,940.00	by revenue
0000000006	Template CnC - Bill No : 06 - STRUCTURAL METALWORKS	36,920.00	by revenue
0000000007	Template CnC - Bill No : 07 - ROOF COVERINGS, CEILING AND ...	42,590.00	by revenue
0000000008	Template CnC - Bill No : 08 - DOORS AND WINDOWS	58,320.00	by revenue

Pick Pick All Search (Ctrl+F) More actions -

Project Task	Expense Item	Cost Element	Resource	Quantity	UOM	Price	Price Includes VAT	VAT, %	Amount
Bill No : 01 - PREL...	Labor Costs						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Equipment						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Transportation						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Other Operating...						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Overheads						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Labor Costs						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Equipment						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Transportation						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Other Operating...						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Overheads						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Labor Costs						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Equipment						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Transportation						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Other Operating...						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Overheads						<input type="checkbox"/>	0%	
Bill No : 01 - PREL...	Labor Costs						<input type="checkbox"/>	0%	

Picked Cost for: Villa #115 - Al Hamra Village RAK

Project Task Search (Ctrl+F) More actions -

Project Task	Expense Item	Cost Element	Resource	Quantity	UOM	Price	Price Includes VAT	VAT, %	Amount
GF - Majlis	Cost of Materials	ORBIT DEEP SILV...	Not Applicable	4.000	Roll	367.50	<input type="checkbox"/>	0%	
GF - Majlis	Labor Costs		Not Applicable	4.000		525.00	<input type="checkbox"/>	0%	50,184.40 AED