

Preserving Manually Entered Revenue Values When Using Allocate Overhead Costs

Scope

This article applies **only to the FirstBIT Contracting configuration** (version **2.1.1.32.1** and later).

Overview

When working with **Project Estimates** document, users may manually enter agreed contract prices or Revenue values.

The screenshot shows the 'Project Estimates MEPE23-00000002' interface. The 'Revenue (4)' section is active, displaying a table with columns: N, R, P, L, C, S, Quantity, UOM, Unit Cost, Cost, Overhead, Total Cost, Markup, %, Markup Amount, D, D, Amount Excl. VAT, VAT, %, VAT Amount, Price, Total Amount, and Родитель. The 'Allocate Overhead Costs' button is highlighted in the top toolbar. Below the revenue table, the 'Costs (6)' section is visible, showing a table with columns: N, Родитель, Project Task, Expense Item, Cost Element, Resource, Quantity per Unit, Quantity, UOM, Price, Price Includes VAT, VAT, %, Amount Excl. VAT, and M. The 'Show Cost Estimates for the Selected Row' checkbox is checked. At the bottom, the status bar shows 'Posted', 'Administrator', 'In work (changed 12.05.2023)', and financial summary: Discount: 0.00, Revenue: 478 296.03 AED, Overhead: 8 004.76 AED, Costs: 400 238.09 AED, Profit: 70 053.18 AED.

Running **Allocate Overhead Costs** after entering these values may recalculate Revenue amounts, resulting in changes to:

- Price
- Revenue
- Amount Excl. VAT
- Total Amount
- Markup

This behavior is expected and depends on whether the Revenue values were frozen before overhead allocation.

When to Use This Article

Use this article if, after running **Allocate Overhead Costs**, you notice any of the following:

- manually entered **Price** or **Revenue** values have changed;
- **Amount Excl. VAT**, **Total Amount**, or **Markup** have been recalculated;
- manually entered contract rates are no longer preserved;
- Revenue lines display different values than expected after overhead allocation.

Cause

Allocate Overhead Costs recalculates overhead allocation for **all Revenue lines** within **Project Estimates**, not only for the currently selected line.

If **Freeze Revenue Amounts** has **not** been applied, the system recalculates Revenue based on the updated cost structure and overhead allocation.

Project Estimates MEPE23-00000002 от 09.05.2023 17:19:08

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

Провести и закрыть Записать Провести Создать на основании Print Settings Fill by Templates Set Markup Change Cost Specifications

Main Revenue and Costs (4) Overhead (1)

Revenue (4) Allocate Overhead Costs Import BOQ From File Freeze Revenue Amounts

N	R	P	L	C	S	Quantity	UOM	Unit Cost	Cost	Overhead	Total Cost	Markup, %	Markup Amount	D	D	Amount Excl. VAT	VAT, %	VAT Amount	Price	Total Amount	Родитель
1	☐	N	C	2	2	500,000	m2	201.57	98 809,...	1 976,19	100 785,71	18,642	18 788,29			119 574,00	5%	6 426,00	252,00	126 000,00	
2	☐	N	C	D	D	250,000	Meter	280,74	68 809,...	1 376,19	70 185,71	70,368	49 388,30			119 574,01	5%	6 425,99	504,00	126 000,00	
3	☐	N	C	G	S	1 000,000	m3	115,84	113 57,...	2 271,43	115 842,86	3,221	3 731,16			119 574,02	5%	6 425,98	126,00	126 000,00	
4	☐	N	C	G	S	400,000	m3	303,57	119 04,...	2 380,95	121 428,57	-1,527	-1 854,57			119 574,00	5%	6 426,00	315,00	126 000,00	

Costs (8)

Pick Fill by Revenue Specification Refill Cost Prices Purchasing Prices

N	Родитель	Project Task	Expense Item	Cost Element	Resource	Quantity per Unit	Quantity	UOM	Price	Price Includes VAT	VAT, %	Amount Excl. VAT	M
13		Concrete Works	Cost of Materials	Water tank top slab	Not Applicable	1,000	500,000	m3	50,00	☒	5%	23 809,52	
14		Concrete Works	Labor Costs	Mason	Nellai	1,000	5 000,00	hr	5 000,00	☐	Not Applicable	5 000,00	
15		Concrete Works	Labor Costs	Helper		0,100	50,000	hr	100,00	☐	Not Applicable	5 000,00	
16		Concrete Works	Sub Contract	20mm Thick exp...	Not Applicable	1,000	25 000,00	m2	25 000,00	☐	Not Applicable	25 000,00	
17		Concrete Works	Depreciation Costs	Property, Plant a...	Grader	1,000	20 000,00	hr	20 000,00	☐	Not Applicable	20 000,00	
18		Concrete Works	Depreciation Costs	Property, Plant a...	Trencher	1,000	20 000,00	hr	20 000,00	☐	Not Applicable	20 000,00	

Сделать скриншот (Ctrl+F11)

Show Cost Estimates for the Selected Row

Posted Administrator In work (changed 12.05.2023)

Discount: 0,00 Revenue: 478 296,03 AED Overhead: 8 004,76 AED

0,00 Costs: 400 238,09 AED Profit: 70 053,18 AED

As a result, manually entered Revenue or Price values may change.

This is the expected system behavior.

Resolution

To preserve manually entered Revenue or Price values:

1. Create or edit the required Revenue line.
2. Enter the agreed **Price** or **Revenue** value.
3. Click **Freeze Revenue Amounts**.
4. Run **Allocate Overhead Costs**.

When **Freeze Revenue Amounts** is applied, the system preserves the manually entered Revenue values while recalculating costs, overhead allocation, and markup.

Troubleshooting

If manually entered Revenue values change unexpectedly, verify the following:

- Was **Allocate Overhead Costs** executed after entering the Price or Revenue?
- Was **Freeze Revenue Amounts** applied before running **Allocate Overhead Costs**?
- Were the Revenue values expected to remain fixed after recalculation?

If **Freeze Revenue Amounts** was not applied, recalculation of Revenue values is expected.

Important Notes

Allocate Overhead Costs affects all Revenue lines in Project Estimates, not only the currently selected line.

If manually entered Revenue values must remain unchanged, always apply **Freeze Revenue Amounts** before allocating overhead.

Best Practice

When working with agreed contract rates:

1. Enter the agreed Price or Revenue value.
2. Freeze the Revenue amounts.
3. Allocate overhead costs.
4. Continue working with the estimate.

Following this sequence ensures that manually entered Revenue values remain unchanged while the system recalculates costs, overhead allocation, and markup.

Thank you for being FirstBIT Customer!

#ProjectEstimates #AllocateOverheadCosts #FreezeRevenueAmounts #Revenue #ManualPriceEntering
#RevenueRecalculation #AmountExclVAT