

# FAQ - How do I handle more than two decimals in a Cost Plus Fee Schedule?

## Question

How do I handle more than two decimals in a Cost Plus Fee Schedule?

## Solution

Fee Calculation Methods are used in calculating the fee amounts on Cost Plus contracts. The Fee Factor is entered on the *Accounting* tab on the CP Project Profile. By default, Unanet only stores two decimals in this field. If you have a requirement to calculate a fee that goes out more than two decimal places (i.e., 7.442%), then the following solution will work in your fee calculation.

The calculated fee is a result of the Actuals Formula (in **Admin > Setup > Fee Calculation Methods**) multiplied by the Fee Factor (on the *Accounting* tab in the Project Profile).

If you were to enter 7.442 into the (**Project Profile > Accounting** tab) FEE(S) - FACTOR field, Unanet would trim it to 7.44 as in the first screenshot below.

The screenshot shows the Unanet software interface for a project profile. The main content area is titled "Projects – Profile for CUSTOMER-1 10.10.7011.102 (Software Dev)". The "Accounting" tab is selected. The interface is divided into several sections:

- ACCOUNTING**: Includes fields for Billing Type (CP), Posting Group (Direct Posting Group [DEFAULT]), Cost Structure (Division A), and External System Code.
- PROJECT VALUE**: Includes Total Value (\$) (509265.81) and Funded Value (\$) (509265.81). There are two checkboxes: "Limit Billing To Funded Value Less Fixed Fee" (checked) and "Limit Revenue To Funded Value Less Fixed Fee" (unchecked).
- FEE(S)**: A table with columns for Calculation Method, Factor Type, Factor, and Fixed Fee Amount. The first row shows "Fee on Total Labor" with a Factor of 7.44. The "7.44" value is highlighted with a red box.

At the bottom, there is a "Save" button and a "Cancel" button. A note indicates that an asterisk (\*) denotes a required field.

CALCULATION METHOD	FACTOR TYPE	FACTOR	FIXED FEE AMOUNT
Fee on Total Labor	Percent	7.44	
	Percent		

To resolve, navigate to **Admin > Setup > Fee Calculation Methods** to set up a method called "Fee on Labor Divide by 10." In the ACTUALS FORMULA, insert Total Mapped Labor (or Total ODC's or Total Cost, depending on how your fee should be calculated) and divide that item by 10.

**Admin Setup – Edit Fee Calculation Methods**

FEE METHOD NAME	ACTUALS FORMULA ( X FEE FACTOR )	BUDGET FORMULA ( X FEE FACTOR )	ACTIVE
Fee on Labor Divide by 10	[Total Mapped::Labor Cost] / 10	[Labor Cost] / 10	<input checked="" type="checkbox"/>
Fee on Total Cost	[Total Mapped::Cost]	[Burdened Expense Cost] + [Burdened Labor Cost]	<input checked="" type="checkbox"/>
Fee on Total Labor	[Total Mapped::Labor Cost]	[Burdened Labor Cost]	<input checked="" type="checkbox"/>
Fee on Total ODC	[Total Mapped::Other Direct Cost]	[Burdened Expense Cost]	<input checked="" type="checkbox"/>
Fixed Fee	[Total Mapped::Cost]		<input checked="" type="checkbox"/>

Total Rows: 4

Then, On the *Accounting* tab on the Project Profile, select the new Fee Calculation Method called "Fee on Labor Divide by 10" you just created. Enter a FACTOR that is ten times your regular factor (e.g., 74.42% for a fee of 7.442%) so that the calculation provides the desired results.

**Projects – Profile for CUSTOMER-1 10.10.7011.102 (Software Dev)**

Accounting

ACCTING

Billing Type: CP  
Posting Group: Direct Posting Group [DEFAULT]  
Cost Structure: Division A  
External System Code:

PROJECT VALUE

Total Value \$: 1000000  
Funded Value \$: 1000000  
 Limit Billing To Funded Value Less Fixed Fee  
 Limit Revenue To Funded Value Less Fixed Fee

CALCULATION METHOD	FACTOR TYPE	FACTOR	FIXED FEE AMOUNT
Fee on Labor Divide by 10	Percent	74.42	
	Percent		

\* Indicates required field

Save Cancel

This will result in a more precise calculation of the fee. In the scenario below, the Total Labor is \$37,436.45 multiplied by 7.442% which equals \$2,786.02.

# INVOICE

Description	Amount
<b>Cost Plus</b>	
Entries made to Unanet Expense reports	\$ 10,470.80
Labor where all Indirect rates are applied based on the Cost Structure formula	\$ 37,436.45
Subcontractors treated as ODCs	\$ 3,750.00
Fringe element applied to Direct Labor Client Site	\$ 10,168.63
Fringe element applied to Direct Labor Company Site	\$ 4,918.36
Overhead element applied to all Direct Labor and Fringe Client Site.	\$ 2,761.23
Overhead element applied to all Direct Labor and Fringe Company Site.	\$ 7,790.80
G&A element applied to all Direct costs	\$ 11,207.98
Fee on Labor Divide by 10	\$ 2,786.02
<b>Total for Cost Plus:</b>	<b>\$ 91,290.27</b>
<b>Total Amount Due This Invoice:</b>	<b>\$ 91,290.27</b>
<b>Total Amount Invoiced To Date:</b>	<b>\$ 542,972.64</b>

If you have a Fee Calculation Method that is based on Hours, select "Percent" for the FACTOR TYPE on the *Accounting* tab of the Project Profile (instead of "Number") and convert the FACTOR number to percent accordingly to calculate the fee appropriately.

(Note that when adding a fee on labor hours, the FACTOR TYPE used is typically "Number" instead of "Percent." However, if more than two decimals are needed for the number of hours used to calculate the fee, translating the number of hours to a percent and choosing the "Percent" FACTOR TYPE allows you to carry out to the additional decimals needed to get the correct fee).

For example:

Number Fee Factor = .3366

Percent Fee Factor = 33.66

**Unanet**      Organizations   **Project**   People   Forecast   Time   Expense   Financials   Documents

← Back to Project List

**Profile**      Projects – Profile for CUSTOMER-1 10.10.7011.102 (Software Dev)

Profile   Budget   **Accounting**   Access   Time   Expense

**ACCOUNTING**

Billing Type: CP

Posting Group: Direct Posting Group [DEFAULT] ▼

Cost Structure: Division A

External System Code:

**FEE(S)**

	CALCULATION METHOD	FACTOR TYPE	FACTOR
	Fee on Labor Hours ▼	Percent ▼	33.66
	▼	Percent ▼	<input type="text"/>

1

\* Indicates required field

**Save**   Cancel

Note that if the FACTOR is changed during the life of a project, fee adjustments will be posted accordingly.

### Additional Information

[Help Docs - Fee Calculation Methods](#)

[KC - Quick Video - Multiple Fee Calculations and Fee Caps](#)

[KC - Fee Calculation Methods](#)