

Offshore



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The Cost Engineering offshore knowledgebase has all the data you need for your offshore projects. The knowledgebase has been specifically built to make estimates for all your marine work.

The offshore knowledgebase allows you to combine two different approaches to making your estimate. The first method is a high level approach. This price per kilometer piping has been based on multiple international projects and takes into account the vessels needed, the coating and the supply of materials.

The second method is service driven estimating. This allows you to build your estimate based on

the number of days a vessel will be used during your project. Both methods can be combined freely within an estimate.

As fuel is an important factor in your estimate, the fuel consumption is calculated based on your choice of vessels and their specific fuel consumption. This results in a very transparent overview of your fuel cost.

The Cost Engineering offshore knowledgebase can cover all your maritime projects from the information available from this knowledgebase.

“Data to anchor your project to”

The screenshot shows the 'Content structure' window in the software. It displays a tree view of knowledgebase items and a detailed table of unit rates.

Level ID	Referential ID	Description	Unit	Quantity calculation	Cost	Labour hours	Rental hours	Lab
	C-PLRPL8L	Pipe Lay, Reel lay Vessel S-Lay, (large), Sall LD	day		206,000.00	0,00	0,00	
	C-PLRPL8SD	Pipe Lay, Reel lay Vessel S-Lay, (large), Mob/demob SD	day		239,000.00	0,00	0,00	
	C-PLRPL9SD	Pipe Lay, Reel lay Vessel S-Lay, (large), Work DP	day		224,500.00	0,00	0,00	
	C-PLRPL9LD	Pipe Lay, Reel lay Vessel S-Lay, (large), Sall LD	day		257,500.00	0,00	0,00	
	C-PLRPL9SD	Pipe Lay, Reel lay Vessel S-Lay, (large), Mob/demob SD	day		250,000.00	0,00	0,00	
	C-PLRPL9DP	Pipe Lay, Reel lay Vessel S-Lay, (large), Work DP	day		262,000.00	0,00	0,00	
	C-PLSLP3LD	Pipe Lay, S-Lay Semi-submersible vessel, 3rd generation, Sall LD	day		334,000.00	0,00	0,00	
	C-PLSLP3SD	Pipe Lay, S-Lay Semi-submersible vessel, 3rd generation, Mob/demob SD	day		324,000.00	0,00	0,00	
	C-PLSLP3AN	Pipe Lay, S-Lay Semi-submersible vessel, 3rd generation, Work Anchor	day		324,000.00	0,00	0,00	
			Unit	Quantity	Cost	Labour hours	Rental hours	Labour c
	R-TPFuel	Fuel, Marine Vessels	Mton	40,00	500,00			
	R-PLSLP3PC	S-Lay Pipe Lay Semi-submersible vessel, 3rd generation, Pipelay crew	day	1,00	72,000.00			
	R-PLSLP3MC	S-Lay Pipe Lay Semi-submersible vessel, 3rd generation, Marine crew	day	1,00	46,200.00			
	R-PLSLP3DR	S-Lay Pipe Lay Semi-submersible vessel, 3rd generation, Day rate	day	1,00	185,800.00			
			Unit	Quantity	Cost	Labour hours	Rental hours	Labour c
	C-PLSLP3LD	Pipe Lay, S-Lay Semi-submersible vessel, (large), Sall LD	day		241,360.00	0,00	0,00	
	C-PLSLP3SD	Pipe Lay, S-Lay Semi-submersible vessel, (large), Mob/demob SD	day		313,360.00	0,00	0,00	



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Knowledgebase Specifications

Offshore

Offshore:

Activities:

- Pipe laying
- Transportation activities
- Installation activities
- Subsea activities
 - Subsea trenching
 - Subsea installation
- Rock dumping

Materials:

- Pipe 6" – 42"

Services:

- Carriers
- Installation vessels
- Crane vessels
- Pipe lay vessels
 - S-lay vessels
 - Reel lay vessels
 - Welded lay vessels
 - J-lay vessels
 - Reel lay vessels
 - Welded lay vessels
- Rock dumpers
- Subsea trenching
- Tugs and barges
- Non destructive examination
- Non destructive testing for pipeline install
- Pile monitoring
- Pipeline welding
- Positioning
- QC personnel
- Remote operated vehicles
- Scaffolding
- Weather forecasting



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