

15022

Brauereierweiterung

Conceptual Workforce Planning Tool

Hamburg

Owner

23-Mar-2014

Fill in white cells only

Kostenschätzung

Budget [%]

Nr.	Beschreibung	Budget [%]		Budget [TEUR]	
	Material		66,6%		1950
40	Piping materials	10,2%		300	
50	Mechanical equipment	44,4%		1300	
60	Instruments	5,1%		150	
70	Electrical	6,8%		200	
	Leistungspakete Kontraktoren		22,5%		660
11	Site Development	0,5%		15	
12	Piling	0,2%		5	
13	Civil	1,0%		30	
15	Structural Steel	2,7%		80	
16	General Mechanical	10,9%		320	
17	Instrument / Electrical	5,5%		160	
18	Safety & Protection	1,7%		50	
	Indirekte Kosten		10,9%		318
21	Project Management	3,2%		94	
22	Process engineering / control	1,4%		40	
24	Design Engineering	4,1%		120	
26	Construction Supervision	2,2%		64	
	Zwischensumme		100,0%		2928
37	Contingency [% of Subtotal]	10,0%		293	
38	Cost trend [% / Year]	0,0%		0	
	Totale Projektkosten				3221