

Annex J of the tender documentation - Operating costs for the purposes of tender evaluation

CALCULATION OF OPERATING COSTS ^a		filled data			calculated item prices		
item	unit	K20	K80 ^a	K90 ^d	K20	K80	K90
Thermal efficiency ^b	%	91,20	91,50	91,50	2 720,00	3 390,63	3 390,63
Urea consumption	kg·h ⁻¹	0,00	0,00	0,00	0,00	0,00	0,00
Amomonium sulfate consumption	kg·h ⁻¹	0,00	25,00	25,00	0,00	8,35	8,35
Amonia consumption	kg·h ⁻¹	30,00	0,00	0,00	6,45	0,00	0,00
Limestone consumption	kg·h ⁻¹	0,00	0,00	0,00	0,00	0,00	0,00
Soda consumption	kg·h ⁻¹	0,00	0,00	0,00	0,00	0,00	0,00
Sand consumption	kg·h ⁻¹	70,00	300,00	300,00	0,88	3,75	3,75
Hydrated lime consumption	kg·h ⁻¹	0,00	30,00	30,00	0,00	9,45	9,45
Self electicity consumption ^c	kW	790,00	-	-	79,00	-	-
		Total			2 806	3 412	3 412
		EUR·h ⁻¹			9 631		

Commodity prices		
electricity	0,1	EUR·kWh ⁻¹
limestone	46	EUR·t ⁻¹
hydrated lime	315	EUR·t ⁻¹
soda	520	EUR·t ⁻¹
urea solution	343	EUR·t ⁻¹
amonia solution	215	EUR·t ⁻¹
ammonium sulfate solution	334	EUR·t ⁻¹
sand	13	EUR·t ⁻¹
thermal efficiency K20	25	EUR·% ⁻¹
thermal efficiency K80/90	31	EUR·% ⁻¹

^a The data for hourly operation at nominal parameters are filled in.

^b The thermal efficiency of the boiler is calculated according to the ČSN EN 12952-15 standard.

^c Self consumption of devices located on boiler hall K20 (SO201/202) without consumption of the compressor station.

^d The values for the combustion input of 60% wood chips and 40% plant pellets are filled in.

Comments:

Only the white / non-shaded cells of the table are filled.

The composition of fuels and additives is described in Annex A6.