

# Proposal

## Store Norske Spitsbergen Grubekompani A/S

Proposal Ref.: 20659664 Rev 1  
8<sup>th</sup> November 2012

### 2. Application and Design Parameters:

The equipment offered in this proposal has been designed specifically for your application to operate with the parameters described in this Section.

<b>Conveyor H1 Design Parameters</b>			
<b>Material:</b>			
Bulk Density	Assumed	800 kg/m <sup>3</sup>	
Moisture Content	Unknown		
Lump Size	Assumed	Max 150 mm	
<b>Environment:</b>			
Maximum Temperature	Given	0° C	
Minimum Temperature	Given	-10°	
Location		Coal mine ~ very arduous conditions etc.	
<b>Phase</b>		<b>Development Phase</b>	<b>Production Phase</b>
Duty (Conveying Rate)	Tonne/hour	300	1800
Belt Width	mm	1400	
Belt Speed	m/sec	3.00	
Idle Roller Diameter	mm	127	
<b>Details</b>			
Total Length	metres	265	
Total Lift/Fall	metres	22	
Belt Rating	Kn./m	1400	
Calculated Motor Power	kW	1 x 76	1 x 206
Installed Hydraulic Motor		1 x CA210	1 x CA210
Installed Motor Power	kW	1 x 300	1 x 300
Maximum Belt Tension	Kn./m	37.3	65.6
Belting Factor of safety	:1	37.53	21.34
Brake Required		No	No