

FUNI

FUNICULAR / INCLINED ELEVATOR SYSTEM TO TURKU, FINLAND
PRELIMINARY DATA / DESIGN PARAMETRES FOR THE SYSTEM

1	Amount of systems	1 system
2	Project name	FUNICULAR SYSTEM TO TURKU
3	Rated speed	2 m/s
4 A	Angle of inclination / average (% or degree)	Approx. 13°
4 B	Angel of inclination / minimum (% or degree)	Approx. 6°
4 C	Angle of inclination / maximum (% or degree)	Approx. 19°
5	Rated load (capacity) in the cabin (in kg's)	30p x 75kg = 2250 Kg
6	Number of people to be transported / one hour	480 passangers / hour 480 p/h
7	Rail : vertical rise (in metres)	approximately 30 metres 30 m
8	Rail : horizontal distance (in metres)	approximately 150 metres 130 m
9	Machine room location	under the top landing station yes
10	Rail : supporting column pairs along the route (number of pairs)	10
11	Control system	Leitner Ropeways
12	Cabin door type	Automatic door: Portalp Transport Solution
13	Cabin doors in general	on both sides of the cabin Both sides
14	Landing station door type	Automatic door: Portalp Transport Solution
15	Cabin and landing door dimensions (in cm's, height x width)	Cabin (210 x 120); Landing (210 x 130)
16	Cabins internal measures (floor : in cm's, lenght x width)	360 x 200
17	Cabins internal free height (in cm's)	Minimum 210
18	Cabin level accuracy	+ / - 5mm
19	Cabin stopping distance	+ / - 5mm
20	Cabin colours / available custom colours (color chart)	All RAL colours
21	Machine drive system	A.C.
22	Machine room dimensions (in cm's, lenght x width x height)	230 x 450 x 300
23	Required electric power supply (in kW's)	Approx. 40kW
24	Outdoor noise level : at the rail line / 10 m away / 20 m away (dB)	Leq=70 Leq=55 Leq=49 See annex A8

VISITING THE SITE DURING BIDDING TIME (required by the client)

nr	visitor's name	visiting time and date			remarks
		from	until	date	
1	Mikko Kalaniemi (Oy Multi-Snowtech Ltd.)	10:30	11:30	24/11/2016	Visit with Project Manager Mr. Janne Laine
2			 / 2016	
3			 / 2016	
4			 / 2016	

SIGNATURE

LEITNER
(company)

on the behalf of the bidder

Thomas Schubert
(signature)

place

Telfs, 25.11.2016

date

LEITNER GmbH
Michael-Seeber-Str. 1
A-6410 Telfs
Tel.: (0043) 5262 6 21 21
Fax (0043) 5262 6 21 21-3180