

Date: 24/03/2023
Rfc #: KPO2309057
Project Name: Biman Building

Sales Contract

Project Name: Biman Building
Project Location: Bangladesh
Customer Name: Naqib Technology
Customer Contact: Md.Rezaul Hasan Rony
DGM
rezaulhasanrony@gmail.com
Contact No: +8801553082709

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TECHNICAL SPECIFICATION

Elevator L1 – L2 (Duplex)			
Lift type: Symphony SMR	Passenger	Car Dimensions (W x D x H):	1200 X 1650 X 2300
Capacity per/ kg:	10 Person/800 Kg	Door Size/type: (W x H) mm	800 X 2100 Center Opening
Quantity:	02 Unit	Machine Room Location:	Above the shaft
Floor opening / Car opening:	09/01	Shaft Dimensions (W x D) mm:	1880 X 2280
Travel mm:	36,000 mm	Pit Depth mm:	1500 mm
Speed m/s:	1.0 m/s	Headroom mm:	4500 mm
Note: Above demission must be net as inside the clear shaft.			

Technical Specifications for All Elevators:

Cabin	
Cabin type	Standard Elegance Cabin
Cabin entrance walls	Silver Hairline Stainless Steel
Sidewalls	Silver Hairline Stainless Steel
Rear wall	Silver Hairline Stainless Steel
Suspended ceiling	According to Elegance
Lighting	ZD-01
Flooring	PVC
Handrail	Standard KHL-9014 at the Rear wall
Mirror	On the rear wall above Handrail
Skirting	Stainless Steel H-80mm
Ventilation EN81-20/50	Included

Doors	
Cabin door	Automatic opening doors with a frequency-controlled door drive
Cabin door panels	Silver Hairline Stainless Steel Door
Landing door panels	Silver Hairline Stainless Steel Door
Landing door frames	Narrow Jambs Silver Hairline Stainless Steel
Light curtain	Included
Door sill	Standard – Aluminum

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Car operating panel	
Type	COP- KCH-151
Number of COPs	1
Material	Silver Hairline Stainless Steel
Indicator	Orange Dot Matrix
Button type	KAF-141 (G,1, 2,...,8)
Door open button	included
Door close button	included
Alarm button	included
Preparation Access control via card reader	Not included
Emergency light	3 hours – 24V
Priority key switch	Included
Fan key switch	Automatic
Type plate	included

Landing operating panel	
Type	LOP-KBK-322
Material	Silver Hairline Stainless Steel
Indicator	Orange Dot Matrix
Button type	KAF-141 (G,1, 2,...,8)
Access control via Dallas key	Not included
Preparation Access control via card reader	Not included

Drive unit	
Machine	Gearless synchronous drive
Inverter	VVVF, Gentle driving comfort is ensured by the frequency inverter, the inverter is installed in the shaft head.
Starts per hour	180
Voltage/Frequency	3 x 400V / 50 Hz

Control system	
Technology	Microprocessor via CAN bus communication
Type	Two-Button Down Collecting
Position of the control box	In machine room
Type of control box	Surface-mounted
Material of control box	Powder-coated RAL9005
Advantages of control system (already included)	Integrated monitoring system Integrated access control in the cabin Integrated emergency call system

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Control functions:		
Ref.No.	Description	Incl.
CF-01	Directional-dependent collective control	Yes
CF-02	Full collective control	Yes
CF-05	Call cancellation in the cabin	Yes
CF-06	Intercom system between car, control, and shaft pit (EN81-20/50)	Yes
CF-07	Standby mode cabin light, control system, and inverter	Yes
CF-10	emergency horn	Yes
CF-11	Emergency call system GSM	Yes
CF-12	Emergency light in the cabin, car roof, and control box (EN81-20/50)	Yes
CF-13	Parking function in a defined stop	Yes
CF-14	Door-open and door-close button	Yes
CF-15	Non-contact monitoring by a high-resolution light curtain	Yes
CF-16	Online monitoring system	Yes
CF-17	E-Service for Maintenance	Yes
CF-18	Bypass function at the full cabin	Yes
CF-19	Group control duplex	No
CF-20	Group control triplex	No
CF-21	Group control quadruplex	No
CF-22	Arrival gong	Yes
CF-23	Text announcement in the cabin	Yes
CF-24	Automatic static evacuation in case of fire (detectors provided by customer)	No
CF-25	Automatic dynamic evacuation in case of fire (detectors provided by customer)	No
CF-26	Automatic rescue in case of power failure (by on-site generator)	No
CF-27	Automatic rescue device in case of power failure load dependent on the next landing	Yes
CF-28	Automatic rescue device in case of power failure load-independent to a defined landing	No
CF-29	Preparation for a customer-side card reader	No
CF-30	Releveling of the cabin	No
CF-31	Pre-opening of door	No
CF-32	Preparation for a customer BMS (Building Management System)	No
CF-33	Priority control via key switch in the cabin	No
CF-34	The acoustic signal on button activation in the cabin	No
CF-35	The acoustic signal on button activation in the landing	No
CF-36	Release of the buttons in the cabin using a key switch	No
CF-37	Penthouse control	No
CF-38	Preparation for a customer video camera in the cabin	No
CF-39	Video camera in the cabin	No
CF-40	Advertising and information displayed in the cabin	No
CF-41	Shaft lighting	No

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Mechanical components	
Car frame	Equipped with sliding guides, rope-protecting pulleys made of polyamide and progressive safety gears, car frame interlock, and load-measuring sensors.
Counterweight	Equipped with sliding guides, a rope-protecting pulley made of polyamide. Filled out with fillers Lane protection screen in the pit
Guide rails	Manufactured acc. to ISO 7465 selected acc. to guide rails calculation in compliance with EN81:20
Rail brackets	Adjustable for the tolerance +/-25mm
Main ropes	8mm According to EN81:20, suspended elastically and quietly.

Safety regulation:
EN 81-20/50

Addition Notes:
There may be color differences between the products and pictures. Different levels of gloss and rolling of the surfaces cannot be ruled out in terms of manufacturing technology and are no reason for complaints. The number of LED spots on the cabin ceilings varies depending on the cabin size.

Price Overview

Elevator Name	Quantity	Load (kg)	Speed (m/s)	No. of landing	Each unit's net price €	Total net Price €
L1 – L2	2 Unit	800 kg	1.0 m/s	09	43,400.00 €	86,800.00 €
Sub Total EUR						86,800.00 €

Remarks:

1- Prices:

Material prices are firm, net, and valid for 6 weeks from the issued date, and are according to (Attachment 1) of this offer, we reserve the right to change our offer entirely or partially after this date. German VAT will be charged to the customer at a daily rate of the invoice data according to German governmental law.

2- Delivery

Material prices are **Ex Work Brno-Czech** (Incoterms 2010). Valid is only this delivery date, which has been advised in our order confirmation.
 This delivery date can be changed only once and not later than 4 months before the delivery.

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3- Terms of Payment

Payment will be affected in EUR currency

50 % payable to start the manufacturing.

50 % payable 15 days before delivery notice.

4- Time of Delivery

The time of delivery for the material of approx. **16 weeks of Ex-Works** for the lifts shall start after complete clarification of the scope of supply and after receipt of the General Arrangement Drawing (GAD) approved by the customer.

5- Warranty

Our warranty is valid for 12 months of installation of the elevators, however not longer than 16 months from the date of shipment.

Köhler Elevator GmbH

Commercial and Sales Division

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Customer Name, Date, and signature

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(Attachment 1)

COMMERCIAL CONDITIONS

Other Basic conditions

- The elevator systems are designed for the following specified climatic conditions considering a maximum installation height of 2000m above sea level. The temperature in the lift shaft and machine room should be between +5 °C to +40°C. The relative atmospheric moisture should be between 20% (at +5°C air temperature) and 80% (at +40°C air temperature)
- Given shaft dimensions are based on a tolerance of max. ± 25 mm.
- For systems with active recovery technology (mains recovery), the building user/owner has to inform the energy supplier that the elevators operate with energy recovery technology.

Price:

Customs, storage costs, and foreign taxes are not included in our prices. German VAT will be charged to the customer at the daily rate of the invoice date according to German governmental law if we do not receive a certificate of exportation within 14 days after dispatch. (certificate of exportation in electronic or hardcopy form)

Supplies and Services by others:

- Suitable thermostat-controlled air-conditioning or air ventilation to ensure the above-mentioned climatic conditions.
- Execution of the lift shaft shall be according to Köhler Elevator GmbH layout drawings.
- Construction/static calculation of the lift shaft including machine room

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- Shaft dividing beams between elevators, installation or loading beams, emergency doors and door contacts, architraves, shaft front wall cladding, shaft separation, gap covering between walls and shaft door frame, podiums, steel grating, opening in the motor room, and the like.
- Main power supply to the machine room - to the controller in case of MRL – including wiring and containment to the main switch for each lift, if applicable. The main switch or distribution panel is to be provided by others.
- Provision of electrical wiring including containment required outside the machine room and the shaft for, e.g. telephone intercom cables, signal leads for emergency power control, teleservice cables, Monitoring cables, etc. This applies to machine room-less elevators as well.
- Lighting or emergency lighting in the machine room and socket outlet in the machine room.
- Cable conduits/trunking in the machine room and the elevator shaft
- Sensors for recognition of smoke emissions and earthquake
- Installation, supervision, and maintenance.
- Supply of anchor rails or dowels for fixing the shaft equipment and landing doors.
- Any provisions for beneficial use, unless agreed elsewhere.
- Sump pumps, if applicable.

Please note:

In our quotation, we included the preparation of the General Arrangement Drawing (GAD) as well as one alteration after submitting it. If we included an Approval Drawing (for car, landing operation, and/or indicating panels, car operating panel) in our offer (mentioned separately) one alteration is included, too. Additional alterations after revision/correction will be charged according to the expenditure separately. Standard is one alternation after submitting unless the reason for the altering of any drawing is within Köhler Elevator GmbH.

Additional tax conditions for delivery:

Tax and Customs duties have to be considered by the seller and buyer. Within the European Union, some important items have to be paid attention to because no borders constrain the free exchange of goods inside the European Union. The seller has to issue an invoice with one duplicate for each shipment. These documents have to be signed, stamped, and bear the seller's and buyer's Sales VAT tax numbers. The seller has to provide a delivery note to the buyer which indicates the **final place** of the goods outside the Federal Republic of Germany. The buyer or his forwarding agent has to issue a confirmation, signed and stamped, which confirms the receipt of the goods at the final. If this condition can't be fulfilled, the German VAT has to be levied additionally. This document has to be provided **fourteen days after shipment at the latest**.

Warehousing of the goods:

If the goods could not be shipped within 14 days after readiness of shipment or as written agreed the seller is authorized to warehouse the goods at the costs and risk of the buyer. Please arrange appropriate assurance covers for this case. You will receive a certificate to confirm the delivery to the warehouse. After dispatching the confirmation, the contractual responsibilities of the seller are fulfilled. It is also permitted for the seller to invoice the stocked goods. According to the German Value Added Tax Acts, it is necessary to invoice also the actual Value Added tax, because the materials have not left the Federal Republic of Germany.

Liquidated damage:

Unless it is not stipulated in a written mutual agreement between the Buyer and the Seller when concluding a contract between the parties, any liquidated damage will not be applied for the whole contract period.

Time of Delivery:

Essential for full clarification of the scope of supply are special details, e.g. details concerning the equipment of the cabin as well as the floor designations, required for engraving the car push buttons or indicators. Presentation of the Civil Engineer's Drawing is a prerequisite to working out the General Arrangement Drawing.

Liabilities:

Since all the soled equipment will be installed and serviced by a third party that Köhler Elevator GmbH has no control over and any connection with, The buyer (customer) of this contract, faces risks that should be covered by insurance, and all general liability is on the buyer (customer). Bodily injury, Property damage, Medical payments, Legal Defense and judgment, Personal and advertising injury, and ... the buyer (customer) is liable for it.

This offer isn't legally required to carry general liability from the side of Köhler Elevator GmbH. If in case of malfunction or any accident while operation, installation, or after services accrue Köhler Elevator GmbH has no responsibility, and Köhler Elevator GmbH is not entitled to facing fees.

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Packing:

See freight packing.

Documentation

Documentation according to EN 81-1 is included.

Installation:

The costs for installation and supervision by any Köhler Elevator GmbH erector/supervisor are not included in the above-mentioned price. Installation may be executed by an installation company authorized by Köhler Elevator GmbH only. If the installation will be done by another company than our sister company you may require some help with the supervision of installation, commissioning, and testing of the lifts. The costs as shown below are per calendar day **in 2018**. Travel costs, local transport, special tools, accommodation, and full board in West European Standard, have to be paid by others and are therefore not included in our price.

These prices have to be seen separately from the material costs. The following rates apply per one (1) Supervisor.

Daily Rates Monday to Friday	(8 hours per day)	€ 640,00
Daily Rates Saturday, Sunday, Public Holidays	(8 hours per day)	€ 640,00
Overtime rate / per hour	(over 8 hours per day)	€ 80,00
Hotel accommodation, meals, expenses		Actual costs
Transport/Flight, train, taxi, etc.		Actual costs
Visa Expenses		Actual costs

All days of absence from headquarter, times spent traveling to the site, and stand-by caused by the customer shall be charged at an applicable daily rate.

Köhler Elevator GmbH

Customer Name, Date, and signature

Commercial and Sales Division

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