

INDIAN INSTITUTE OF TECHNOLOGY KANPUR

Tender Notice No. 74/Lift/2020

SCHEDULE OF QUANTITY

Name of Work: Supplying, installation, testing & commissioning of 8 passenger elevator at Yoga centre, IIT Kanpur with 05 year AMC after 01 year free maintenance warranty period.

Name of the Contractor					
S. No	Description of Items	Qty	Unit	Rate in Figures in Rupees	Amount
1	Part-A: Supplying, installation, testing & commissioning of 8 passenger elevator as per details given technical specification, etc. complete as required.				
	Designation of lift:		Passenger Elevator		
	Type and capacity		08 passenger 544 Kgs		
	Speed		1.0 m/s		
	Drive		VF Regenerative (Closed Loop)		
	Location of machine room		Machine roomless- Gearless		
	Total Travel		08 Mtrs.		
	Serving		0 to 2 nd floor, Floor Designation will be 0,1,2		
	No of stops		3 (G+2 upper floors)		
	Lift well size		2100 mm W x 1850 mm D		
	Power supply		415 Volts (3 phase, 50 Cycles AC)		
	Auxiliary		single phase 220 V 50 Cycle AC)		
	Lift Car size inside		1100 mm W x 1300 mm D x 2200 mm H		
	Pt Depth		1350 mm		
	Head Room		4200 mm		
	Car Enclosure				
	Car Ceiling		CT 002-SS Hairline Finish- 304 Grade		
	Car Panels		Stainless steel (1.5 mm) Hairline Finish -304 Grade		
	Car Flooring		Stainless steel (1.5 mm) Hairline Finish		
	Car illumination		sleek (small ciculator LED lights)		
	No. Entrance		One location front		
	Car Entrance		Centre opening power doors SS Hairline Finish-304 Grade		
	Door Safety		Full Height Infra red safety curtains		
	Landing Entrance		Centre opening power doors SS Hairline Finish-304 Grade		
	Clear Opening		800 MM (W) x 2000 (H) Lintel-2200 mm		
	Control		Full Collective Simplex		
	Indicators				
	Car		KDS 300 FH COP 1 nos- round surface mounted braile Buttons with 7 segments Indication Red		
	Landing		Round surface Mounted Braile Buttons with DOT Matrix Indication Red		
	Operation: Without attendant automatic operation with door protection device.				
	* Digital Hall position Indicator				
	* Overload warning indicator and service cabinet.				
	* Battery operation alarm bell and emergency light				
	* Firemans switch at main body				
	* Signals have S.S phase plate.				
	* A. R D (Automatic Risk Device)				
	* Door operation: Automatic (DC door operation)				
	* Car panels: Stainless steel (1.5 mm) panels in hairline finish	1.00	No.		
	Part-B: Comprehansive annual maintenance contract of above lift for 5 years (Note: The annual maintenance of the lift shall be w.e.f after expiry of defect liability period of one year from the date of completion of work.	1.00	No.		
	Total Rs.				