

SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF ONE NO. NEW 2000-KG GOODS-CUM-PASSENGER LIFT FOR THE EXISTING G+2 BUILDING OF THE PROCUREMENT CENTRE / YARN DEPOT-CUM-WAREHOUSE AT 268, DR. GOPAL CHATTERJEE ROAD, SUKCHAR, SODEPUR, NORTH 24 PARGANAS.

Sl. No.	Description of Work	Quantity	Unit	Rate including G.S.T and CESS (in Rs.)	Amount (in Rs.)
1.00	SITC of automatic Goods-cum-Passenger lift (as per manufacturer design as per detailed specification conforming to I.S. and putting into operation after final testing in the existing shaft complete with all accessories and repairing the damaged wall /floor if any etc to complete as required. Make:- OTIS/KONE/Schindler/Johnson/Mitsubishi				
1.01	Type : Goods-cum-Passenger Lift.				
1.02	Load : 2000 Kg				
1.03	Control : Microprocessor based with Serial Communication. Controller in shaft and user interface in landing				
1.04	Drive: VVVF Drive with feedback control (closed loop)				
1.05	Machine: Energy Efficient Machine ; Gearless without Machine Room.				
1.06	Speed : 0.5 Mtr. /Sec.				
1.07	Floor Served : G + 2 (3 Stops)				
1.08	Landing : 3 lands ; All on same sides				
1.09	Total Rise : 7.6 Mtr. (approx)				
1.10	Operation : Microprocessor based simplex full collective with or without attendent.				
1.11	Signals : Digital Car position indicator, car travels direction indicator in car and at all landing with call registration indicator. COP & LOP must have stainless steel face plate silver brushed with surface mounted button with braille. Button : All buttons on car & landing shall be luminous & encoded with braille on/off switch for Lift, fan, light, toggle switch or key switch for automatic/attendent mode of operation. Display type : Monochrome/ Colour LCD / Segmented LCD/ Scroll. Operation Push Button for lift maintenance & service should be on top of the car.				
1.12	Travelling Accuracy : ± 5 mm (Micro Levelling Arrangement)				
1.13	CAR :-				
1.14	Car Inside : 1500 or 1600 mm (W) x 2400 or 2500 mm (D) x Min. 2200 mm (H)				
1.15	Car Entrance : Clear Opening 1200 mm (W) x 2000 mm (H) protected with car door.				
1.16	Car Door : Stainless Steel Centre Opening (COPD) automatic door provided with V3F controlled door drive system with 2D Infrared Curtain of light & Mechanical Force Limiting Device.				
1.17	Car Finish & Enclosure : Stainless Steel sheet (20 SWG) with Hairline finish with hand rail.				

1.18	a) Rear Mid Panel ---- Stainless Steel sheet (20 SWG) with Hairline finish (#4)
1.19	b) Rare corner Panel--- Stainless Steel sheet (20 SWG) with Hairline finish (#4)
1.20	c) Side Mid Panel--- Stainless Steel sheet (20 SWG) with Hairline finish (#4)
1.21	d) Side corner Panel--- Stainless Steel sheet (20 SWG) with Hairline finish (#4)
1.22	e) Front Panel--- Stainless Steel sheet (20 SWG) with Hairline finish (#4)
1.23	Car Ceiling & Lighting: Stainless Steel with hairline finish (#4) with LED lighting and Fan
1.24	Car Ventilation: Cross flow Pressure fan with anodised aluminium grill.
1.25	Car Flooring : Decorative granite flooring (As per direction of EIC and according to this Department's Order).
1.26	Car Door: Stainless Steel centre opening automatic door provided with V3F controlled door drive system with 2D infrared curtain of light, vision glass on each panel of car door and mechanical force limiting device with fire rating of minimum 120 minutes.
1.27	Landing Door: Stainless steel centre opening automatic door provided with V3F controlled door drive system, with fire rating of minimum 120 minutes.
1.28	Door Opening: Automatic Power operated door with full length photocell assembly curtain sensor.
1.29	Protective Devices & Other Accessories:
1.30	ARD: Automatic rescue device complete with dry maintenance free batteries as required for automatic evacuation to the nearest floor in case of power failure / single phasing/others.
1.31	Overload Protection: Fully loaded with overload protection. On overloading condition the lift car will not start with door remaining open and give audio & display indication.
1.32	Emergency lighting in car: Battery operated emergency lighting in the lift car. The Light is automatically switch off when there is no call for one preset period of time.
1.33	CAR Fan: -Fan to be provided in the car. The Fan is automatically switch off when there is no call for one preset period of time.
1.34	Intercom System. Battery operated Intercom System in Lift Car, Machine Room & Control Room.
1.35	Emergency Alarm: Battery Operated alarm bell system in Lift Car & Control Room.
1.36	Fireman switch : Fireman switch placed at ground floor.
1.37	Voice Synthesizer: Voice announcement system (Voice Synthesizer) in the car to announce the position of the elevator in the hoist way as the car passes or stops at a floor served by the lift.
1.38	Hand Rail: -Stainless Steel Mirror Finish Handrails on rear car panels
1.39	Car Parking at top floor at idle condition.

1.40	Main Wire Rope/ Belt : As per manufacturer's standard conforming to IS.				
1.41	Auto fan Cut-Off				
1.42	Dimension of shaft:				
1.43	Available Shaft Dimension: 2750 mm (W) X 3000 mm (D) (Bidder should visit the site before submission of bids to ascertain all such works that are required to complete the job in full)				
1.44	Pit Depth: 1600mm (Bidder should visit the site before submission of bids to ascertain all such works that are required to complete the job in full)				
1.45	Overhead: 4500mm (Bidder should visit the site before submission of bids to ascertain all such works that are required to complete the job in full)	1.00	Job		-
2.00	Electrical Works: Providing and completing all electrical works for lift installation as per relevant Indian Standards (IS), including power wiring, control wiring, earthing, main power supply connection, lighting and auxiliary circuits, safety devices, and necessary fittings, complete in all respects for safe and proper operation of the lift. (Bidder should visit the site before submission of bids to ascertain all such works that are required to complete the job in full)	1.00	Job		-
3.00	Civil Works: Executing all civil works required for lift installation in the existing shaft, including brickwork; RCC lintel with cement plaster for door openings; providing granite finish over the entire front façade of the lift using slab each having area above 1.0 sq. m. (as approved by the EIC); cutting, chipping, necessary dismantling, repairing damaged wall and floor surfaces, and making required openings; dewatering and carrying out complete waterproofing of the lift pit; grouting, painting of the entire lift shaft surface including primer coat and two or more coats of high-quality acrylic/epoxy-based paint; finishing; scaffolding; and providing all necessary supports as per manufacturer's design and relevant IS codes, complete in all respects. (Bidder should visit the site before submission of bids to ascertain all such works that are required to complete the job in full)	1.00	Job		-
4.00	Total Amount including G.S.T and CESS (in Rs.)				-

Prepared by

Checked by

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