

TENDER FOR DESIGN SUPPLY INSTALLATION AND COMMISSIONING OF THE 2 NOS PASSENGER CUM GOODS LIFTS IN LIEU OF EXISTING 2 LIFTS AT SDF-16 BUILDING IN COCHIN SPECIAL ECONOMIC ZONE (CSEZ),KAKKANAD, COCHIN.

NOTICE INVITING TENDER

NIT No.: WAP/H-3082/CSEZ/EM/LIFT/2017 dated the May 9th, 2017

Subject: NIT for **Design, Supply, Installation and commissioning of the 2 nos passenger cum goods lifts in lieu of existing 2 lifts at SDF-16 building in Cochin Special Economic Zone (CSEZ), Kakkanad, Cochin.**

NIT in **Single cover system** is invited by **The Team Leader, WAPCOS Limited, CSEZ Project Office**

1	Name of work	Design, Supply, Installation and commissioning of the 2 nos passenger cum goods lifts in lieu of existing 2 lifts at SDF-16 building in Cochin Special Economic Zone (CSEZ),Kakkanad, Cochin
2	Duration of work	120 Days
3	Tender Document	The tender document can be downloaded from www.csezauthority.in from 09.05.2017
4	Last date and time: 1. Submission of Tender 2. Opening of bid	22-05-2017 at 11.00 Hrs 22-05-2017 at 11.30 Hrs
6	Cost of the Tender document to be submitted along with tender	Rs 5,000/- (In the form of Demand Draft/Bankers Cheque favouring "Wapcos Ltd" payable at "Cochin")
7	EMD to be submitted along with tender	Rs 100,000/- (In the form of Demand Draft/Bankers Cheque favouring "Wapcos Ltd" payable at "Cochin")

For Queries, the eligible bidders may contact latest by 19.05.2017 till 15.00 hours at 0484-2413544, E-mail: wapcos.csez@gmail.com

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TECHNICAL SPECIFICATIONS

1.0 GENERAL

WAPCOS LTD, Owner's engineer of **Cochin Special Economic Zone (CSEZ)** invites tender to replace the existing 2 Nos passenger cum cargo lifts at SDF 16 located at Kakkanad, Cochin from lift manufactures M/sOTIS/KONE/ MITSUBUSHI/ SHINDLER.

2.0 SCOPE OF WORK

The scope of work covers Dismantling, Transporting and handing over the existing passenger cum cargo lifts and Design, Supply, Installation, Testing, Commissioning and handing over of two numbers capacity passenger lift cum cargo along with necessary equipments. Detail specification of the new lifts is provided below

Description	Specification/Responsibility
Capacity	24 passengers , 2000 Kg
Speed	1.00 m/Sec
Type of drive	AC Variable Voltage Variable Frequency
Machine	Gearless
Location Of Machine	Top Above Lift Well
Existing Clear Cabin Internal Size	1700Wide x 2500 Deep x 2200 Height(mm)
Travel	Approx 20 Mtr
Serving	5 stops,5 levels and 5 openings
Power supply	415 V,3 phase,50 Hz
Car size clear inside	1700Wide x 2500 Deep x 2200Height (mm)
Car enclosures	SS Hairline Finish
Ceiling	Modular ceiling matching with enclosure material
LED light with Air Blowers	To be provided by the lift agency
Car Fan Shut Off	To be provided by the lift agency
Car Light Shut Off	To be provided by the lift agency
No. of entrance	1 location front
Control systems	Selective & collective, With Digital DOT-MATRIX hall position display within Car at landings.
Landing Doors	Stainless Steel
Car height	2200mm

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Push button	Call registering type micro push buttons
Emergency alarm	Battery operated emergency alarm bell
Emergency light	To be provided by the lift agency
Door Load Detector	To be provided by the lift agency
Automatic Door Speed Control	To be provided by the lift agency
Door Sensor Self Diagnostic operation	To be provided by the lift agency
Door open/close button in car	To be provided by the lift agency
Main entrance floor selection	To be provided by the lift agency
Door Load detector&	To be provided by the lift agency
OSG switch	To be provided by the lift agency
Pit ladder	To be provided by the lift agency
Load weighing device	Overload device with Audible alarm is to be provided.
Automatic Rescue Device	On Power failure the lift should land on the next nearest floor
Light Curtain Protection on Doors	To be provided by the lift agency
Attendance Service	To be provided by the lift agency
Emergency Landing Service	To be provided by the lift agency
Emergency Intercom Facility	To be provided by the lift agency
De-locking arrangements	De-locking arrangements with key is to be provided for door on all floors to open the same in case of emergency
Fireman switch	Provision for fire man switch at ground floor to ensure that the lift can be brought down to the ground floor by operating this switch to on position (only for one lift)
CCTV Cabling	To be provided by lift agency
Warranty	24 Months from the date of commissioning of Elevator.

Following items will be in the scope of **CSEZ**.

1. 415 volts – 3 phase power supply in the machine room
2. 220 volts single phase power supply in the machine room
3. Lockable store room for keeping lift materials can be provided on the request of the contractor.
4. License fees for obtaining operation license from Electrical Inspectorate.

Following items will be in the scope of **Lift Agency**

1. Dismantling of the Existing Lifts and keeping the same in authorised area.
2. Modifications/Civil work if required for fixing the new lifts.
3. Transportation, loading, unloading and Installation of the new lifts.
4. Electrical/Cabling work as per details provided in Clause no 3.0.
5. Coordination work for obtaining operation license from Electrical Inspectorate.

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6. Necessary scaffolding and safety measures for entire operations.
7. Any cut openings/holes or punching made by the Lift Agency at the walls or floor while carrying out the electrification work shall be made good to the original surface immediately on completion of work.

3.0 ELECTRICAL WIRING

1. Supply and installation of all power and control wiring shall be done as per relevant Indian standards and CEA(Measures relating to Safety and Electric Supply) regulations 2010.
2. Power and control circuit shall be segregated.
3. Double copper earthing shall be carried out as per requirements of CEA(Measures relating to Safety and Electric Supply) regulations 2010 and as per IS 14665 (Part I) – 2000.
4. The lift well shall be electrified suitably by the Lift agency for well lighting.
5. The trailing cable shall contain ten spare cores apart from that required for actual operation in addition to two pairs of screened cores for telephone communication.

4.0 SITE VISIT

Bidder is advised to visit and examine the site, its surroundings and familiarize himself with the existing facilities and environment, and collect all other information which he may require specially for the designing of Civil & MS Structure and for preparing and submitting the bid and entering into the Contract. Claims and objections due to ignorance of existing conditions or inadequacy of information will not be considered after submission of the bid and during implementation.

5.0 TERMS OF PAYMENT

- a) 10% advance payment against Bank Guarantee valid for 120 days from the date of Work order.
- b) 50% on supply of the lifts.
- c) 30% on Installation & commissioning of lifts.
- d) 10% final payment will be released against Performance Bank Guarantee valid till 24 Months from the date of Commissioning.

6.0 TESTS

Tests shall be carried out as per IS 4666-1968 and its latest version to the satisfaction of WAPCOS Ltd. Test certificate for the equipments shall be submitted.

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7.0 MANUAL, DRAWING AND GUARANTEE

The Lift Agency shall supply 3 sets of detailed mechanical and electrical drawings with operation and maintenance manuals along with the equipments before acceptance. The lift shall be guaranteed for 24 months from the date of commissioning and free maintenance shall be done during the guarantee period.

8.0 TRAINING

The Lift agency shall arrange for training for 3 to 4 personnel of CSEZ ,to enable them to secure normal maintenance / trouble shooting, at the time of erection and commissioning of the elevator.

9.0 APPROVAL OF INSTALLATION AND COMPLETION CERTIFICATE

Approval / completion certificate from the Electrical Inspectorate of Local / State Government for installation and commissioning of lift shall be obtained and made available to the Employer before handing over the lifts at no extra cost. Fees payable to the authorities shall be made by CSEZ.

10.0 TIME OF COMPLETION

The entire works viz. dismantling, Installation and commissioning must be completed within 120 days from the date of work order.

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11.0 QUOTE

Description	Amount in Rs.
Dismantling of Existing Lifts (2 NOS)	
Supply of New Lifts (2 NOS)	
Installation & Commissioning	
Total	

11.0 TAXES & DUTIES

Tax/Duties applicable	Rate of Duty/Tax	Amount in Rs.
Excise Duty		
CST or GST		
Kerala VAT		
Service Tax		
Other Taxes if Any		
Total		

12.0 SALVAGE /BUY BACK

Description	Amount in Rs.
Buy Back value of 2 Nos of Lifts	

13.0 ANNEXURES

The Lift agency must provide pictures/brochures of the quoted lift along with features of the machine.