

भारत सरकार
अंतरिक्ष विभाग
सतीश धवन अंतरिक्ष केंद्र शार
श्रीहरिकोटा रेंज डा.घ. 524 124
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Department of Space
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**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
SATISH DHAWAN SPACE CENTER SHAR, SRIHARIKOTA-524 124
SRI POTTI SREERAMULU NELLORE DISTRICT (A.P)**

TENDER NOTICE NO. SDSC SHAR/Sr.HPS/PT/VALF/2/2022-2023

On behalf of President of India, Sr. Head Purchase and Stores, SDSC SHAR, SRIHARIKOTA invites on line quotations for the following.

SI No	Ref. No.	Description	Qty.
01.	SDSC SHAR/VALF PURCHASE/VALF/2022000418 New E-Procurement [Public Tender - Two Part]	Non Comprehensive AMC for Elevators 06 Nos.	01 LOT

Last Date for downloading of tender documents : 12.05.2022 at 16:00 hrs.
Due Date for submission of bids online : 12.05.2022 at 16:00 hrs.
Due Date for opening of tenders : 13.05.2022 at 14:30 hrs.

Instructions to Tenderers:

Bids shall be submitted on line through EGPS only and No tender fee shall be applicable.

01. For full details/scope of work and terms and conditions etc., please see the enclosed annexures.
02. Interested tenderers can download the e-tender from ISRO e-procurement website ISRO NEW E-PROCUREMENT (www.eproc.isro.gov.in) and submit the offer on line in the e-procurement portal. Offers sent physically by post/courier/in person will not be considered.
03. Tender documents are also available on ISRO website www.isro.gov.in ISRO New e-procurement website (www.eproc.isro.gov.in) and SDSC SHAR, Sriharikota website www.shar.gov.in. The same can be downloaded and offer submitted on line in the new e-procurement portal only.
04. Quotations received after the due date/time will not be considered.
05. The tender documents are available for download upto 12.05.2022 at 16:00 hrs. and last date for submission of tenders on line 12.05.2022 at 16:00 hrs. and Tender Opening on 13.05.2022 at 14:30 hrs.
06. Interested vendors can attend the Bid opening sessions to know the details. Presence not mandatory to consider the quote for evaluation.
07. Sr. Head, Purchase and Stores, SDSC-SHAR, Sriharikota reserves the right to accept or reject any/or all the quotations.

DT: 06.04.2022

Sr. HEAD PURCHASE AND STORES

भारतीय अंतरिक्ष अनुसंधान संगठन



Indian Space Research Organisation

**SPECIFICATIONS FOR ANNUAL MAINTENANCE CONTRACT (AMC)
FOR ELEVATORS (NON COMPREHENSIVE)**

1.0 SCOPE OF WORK

- 1.1. Annual maintenance Contract (**Non comprehensive**) for carrying out Preventive Maintenance & Breakdown Maintenance for various makes of Elevators namely, **Supriya, OTIS, Johnson & Thyseen Krupp**, to keep them in healthy & sound working condition throughout the contract period at ISRO SDSC SHAR, Sriharikota.
- 1.2. The contract is non comprehensive; Spare parts required will be supplied by SDSC SHAR; If the spares are not available, party has to supply them after approval.
- 1.3. Each Elevator has to be attended to Periodic Maintenance once in a month as per check lists and also as per manufacturer schedule given in **Annexure-3**. The List of Elevators which is to be maintained is given in the **Annexure-2**.
- 1.4. Attending to Minor & Major Breakdown Maintenance of Elevators throughout the Contract period. Any break-down calls shall be attended within 24 hours from the time of intimation without any extra charge and elevator shall be made operational. Party shall ensure to rectify Minor breakdown in within 1 day and Major breakdown in maximum of 3 days from the time of intimation.
- 1.5. The elevators are to be attended to Preventive maintenance once in every month & in total 12 times in a year. Each Elevator has to be **load tested for rated capacity once in a year** as per relevant standards in the presence of dept team. Necessary loads shall be arranged by purchaser. The load test will be carried out only based on requirement and is optional for purchaser.
- 1.6. Log book/Check list shall be maintained for each Elevator and submitted to Engineer-In-Charge of the Facility. Log books shall contain the list of parts replaced during every month maintenance and spare parts required for the sub-sequent maintenance period also.

2.0 DURATION OF THE CONTRACT

- 2.1 The period of contract shall be for **TWO YEARS** from the date of issue of confirmed Purchase Order.
- 2.2 The contract may be extended for a further period of ONE more year after satisfactory completion of two years, based on the mutual agreement between Department and the Contractor.

3.0 LOCATION OF THE ELEVATORS

- 3.1 Satish Dhawan Space Centre (SDSC SHAR) is located in the Sriharikota Island at 17 kilometers East of Sullurpeta. Sullurpeta is 83 kilometers from Chennai on National Highway 5 towards Kolkatta and Delhi side. Sullurpeta is connected with train route on Chennai – Gudur section and also connected with Sub-urban trains from Chennai.
- 3.2 The listed Elevators, as per the **Annexure-2**, are located inside SDSC SHAR, Sriharikota at various facilities of distant locations, approximately 6 to 10 kilometers.

4.0 MAN POWER REQUIREMENT

These Elevators are being used for Launch activities of various Launch vehicle assembly facilities, movement of Patients at Hospital etc. The contractor shall mobilize sufficient, OEM Trained, qualified and experienced maintenance personnel and shall be competent to carry out maintenance of Mechanical, Electrical, Electronic systems (VVVF drives) of the Elevators.

5.0 WORKING HOURS

- 5.1 Maintenance of Elevators shall be carried out during Working Hours (09.00 to 17.30 hrs) & on Weekdays (Monday to Saturday). Depending on requirement, the working hours shall be extended beyond office hours, on mutual agreement between Engineer-In-charge of the Facility and Service agency. If the elevator is under repair, it shall be attended to repair and put in operation as early as possible by working beyond office hours and also on holidays as per the instructions of the Engineer-In-Charge of Facility.
- 5.2 If the Contractor fails to complete the Periodic Maintenance schedule of any of the elevator, it is the responsibility of the Contractor to mobilize additional manpower to complete the same within the stipulated time. In such case, no extra payment will be made for that additional manpower engaged by the contractor.

6.0 PRE-QUALIFICATION CRITERIA

- 6.1 The Supplier must have minimum 5 years of experience in the field of maintaining passenger elevators of any makes of Elevators such as Kone, OTIS, Omega, Mitsubishi, Supriya, Johnson, Thyssen Krupp etc.
- 6.2 Supplier must have executed minimum 3 AMC's for passenger Elevators during the past 3 years. Work orders / Purchase Orders executed to that extent and Documentary proof of satisfactory execution certificate issued by the user organization/company shall be submitted along with tender without fail.
- 6.3 The AMC experience should include at least one elevator of minimum 10 landings & capacity 1500 kg in any of the order.
- 6.4 Supplier should have Annual Turn-over of not less than Rs. 15.00 Lacs, per year during the last three financial years (FY 2018-19; FY 2019-20 & FY 2020-21) and furnish documentary proofs to that extent along with offer without fail.
- 6.5 The Party must meet all the Qualification criteria as mentioned above. The offer will be REJECTED, if the party fails to meet the Pre-Qualification Criteria.

7.0 TERMS & CONDITIONS

- 7.1 The Supplier is advised to have a site visit, inspect the Elevator before submitting the tender to have complete details of Elevators.
- 7.2 Periodic Maintenance service shall be carried out for all the Elevators at a stretch. Break down calls shall be attended as and when required for the elevator.
- 7.3 Detailed check-list shall be prepared for maintenance including periodicity of replacing critical components of individual systems of the elevator based on their life prediction. Checklists shall contain separate sheets for elevator machine, car &

counter weight guides, door operating mechanism, controller, limit switches, safety governors, ropes, VVVF systems, etc. as per **Annexure -3**.

- 7.4 Service technicians shall ensure trouble free operation of specified elevators at its location, which are required to be on continuous operation round the clock.
- 7.5 Service technicians shall attend for 24x7 and holidays, beyond working hours in case of Breakdown of Elevator.
- 7.6 Service technicians shall be competent to carry out maintenance of Mechanical, Electrical, Electronic systems (VVVF drives) of the elevator.
- 7.7 All the mechanical components shall be lubricated to keep them in perfect working condition.
- 7.8 After maintenance of each elevator, a service report shall be submitted to the Engineer- of the Facility. This report shall include necessary critical spares to be made available by SDSC SHAR for sub-sequent maintenance. Any remarks made by the Engineer- In-charge shall be attended to immediately during the maintenance.
- 7.9 On specific request of Department, Periodic Maintenance & load testing of Elevators needs to be carried out additionally. The contractor shall undertake such works and Payment for such additional works will be made on prorata basis as per the rates quoted in the **PRICE BID FORMAT-1** for particular Elevator.
- 7.10 During the Contract period some of the Elevators may be deleted and some of the New Elevators will be added. Applicable rates for the Newly added Elevators will be similar or near to similar capacity Elevators as per the **PRICE BID FORMAT-1**.

8.0 SPARES FOR ELEVATORS AND RELATED ACCESSORIES

- 8.1 List of Critical spares identified for the Individual Elevators are given in the **Annexure-4**. Party has to furnish cost per each component in the **PRICE BID FORMAT -2**. Party may add to the list if some more critical spares and its price are essential along with quote.
- 8.2 The Spare parts, Lubricants and components required for Maintenance of Elevators will be generally supplied by Department if available in the stock. If Spare parts are not available with the Department, the contractor shall supply the same for the rates quoted for the listed spares mentioned in the **Annexure-4**.
- 8.3 In case of requirement of Spare parts which are not covered in the list of Critical spares as per the **Annexure-4**, and the spares are not available in the department stock, Contractor has to make necessary arrangement for procure and supply of the same on chargeable basis and will be paid through this contract after considering reasonableness of the price with applicable taxes.
- 8.4 Spares have to be supplied by the Party on Specific approval of Contract Manager for the AMC.

9.0 GENERAL CONDITIONS

- 9.1 The Elevators are installed in restricted areas. Service mechanic shall be deputed as highly integrated staff and shall be certified by the Contractor.
- 9.2 The Contractor shall make his own arrangements for lodging and boarding for his maintenance team during their stay in SDSC SHAR, Sriharikota for entire period of Contract. Accommodation may be arranged subject to availability on Chargeable basis.
- 9.3 It is the responsibility of the contractor to make necessary arrangement for conveyance / transportation of Men and materials of the contractor throughout the contract period to reach work spot.
- 9.4 ***The contractor shall insure him and all his staff against accidents for the duration of the contract period at his cost. They shall follow necessary safety practices for working at elevated height, inside elevator, etc. The contractor shall produce proof of insurance cover before starting the work at sites. The Department will not be responsible for any type of injury including death caused to the contractor's personal during the work. The contractor has to fulfill all the obligations required under workmen compensation act amended from time to time.***
- 9.5 All the tools, general handling equipments, etc. required for regular maintenance and repairs of the elevators shall be brought by the service technicians themselves. The contractor shall duly endorse the list of his items, tools, equipment etc., enter at CISF Security gate, which are being brought inside for Maintenance of elevators.
- 9.6 Maintenance shall be carried out according to the instructions of Engineer-In-Charge of the Facility.
- 9.7 The Department has the right to terminate the contract at any time, if the quality of the work is not up to the standard or contractor's activities is detrimental to the interest of the Department, without giving any notice. The department will not be liable to pay any compensation to the contractor for any loss that may happen to the contractor in the event of the termination of the contract.
- 9.8 The contractor should abide the statutory provisions, rules and regulations of Government of India/Andhra Pradesh in force from time to time for his personal i.e. ensuring of minimum wages, EPF and insurance converge and also rules related to Lifts maintenance.
- 9.9 ***The contractors staff shall wear Personnel Protective equipment (PPE) such as helmets, cotton uniform, safety belts, shoes, safety goggles etc.,***
- 9.10 Party must furnish duly signed copy of the Confirmation / Compliance statement, **Annexure-5**, along with the offer without fail.
- 9.11 Party must furnish duly filled and signed copy of the AMC charges as mentioned in the **Price Bid Format-1** with applicable taxes along with offer without fail.
- 9.12 Party must furnish duly filled and signed copy of the Cost of critical spares as mentioned in the **Price bid format-2** with applicable taxes along with offer without fail. The rates quoted for the critical spares will be applicable for throughout the contract period without any change in the cost.

10.0 ENTRY PASSES FOR CONTRACTOR STAFF

- 10.1 Issue of Entry Pass: For arranging Entry Pass to enter the Service receiver's premises, the Service Provider should submit the details of their work-force to the respective focal Point and the same shall contain the following documents.
- (a) Police Clearance Certificate.
 - (b) ID card issued by the Service Provider
 - (c) Any valid Photo ID card issued by any Government Agency.
 - (d) Two copies of stamp size photographs.
- 10.2 The contractor should abide by the security restriction imposed by the department for his personnel, tools and materials.
- 10.3 Contract personnel, if removed from rolls, the entry passes shall be returned to the Department immediately with a covering note. Non-surrender or misplacement of any entry pass shall be charged from the Contractor at the rates prescribed by the Department from time to time.

11.0 PAYMENT TERMS

- 10.1 Payment will be made quarterly on Pro-rata basis on satisfactory completion of the work duly certified by the Engineer-in-charge. The Contractor has to forward /submit invoice to Accounts officer with a copy to Purchase Officer & Stores officer.
- 10.2 If any of the elevators are not provided for maintenance by SDSC SHAR due to any reasons, payment will not be made for that month for that elevator.

12.0 SECURITY DEPOSIT

The contractor shall deposit a sum equivalent of 3% of annual cost of maintenance as Security deposit in the form of bank guaranty or by demand draft valid till the contract period. In case cancellation of contract due to default contractor, the security deposit will be forfeited (in case of bank guaranty the same will be encashed). In case of successful completion of contract, the security deposit will be refunded without any interest.

13.0 PENALTY CLAUSE

Breakdown / Emergency service calls should be attended within 24 hrs of receipt of breakdown information at your regional office through phone / fax / email complaint. Minor breakdown calls shall be attended and lift must be brought into operation within 1 day from the date of lodging of complaint. Major breakdown calls case of attended and lift shall be brought into operation within 3 days from the date of lodging of complaint. Failing which penalty of @ 0.5% of AMC rates per week or part weeks for particular Elevator will be levied as per the rates quoted AMC for One Year.

14.0 Submission of Bids

The service provider shall submit the bids on "TWO-PART BID" basis, Viz:
Part-1: Techno-Commercial Bid & Part 2: Price Bid separately.

Part-1 (Techno Commercial Bid):

- Service provider shall confirm all the specifications mentioned in Tender document, annexures and confirm the activities mentioned in work formats

without mentioning cost, including supporting documents related to Prequalification Criteria.

- This format shall be confirmed in the techno-commercial bid without indicating the prices against work packages, however it shall be mentioned as “Quoted” against each work package in Techno commercial bid.
- Tenders fulfilling the above conditions only will be short listed for opening the Price bid.

Part-2 (Price Bid):

- The Prices shall be quoted on-line (in electronic mode of e-procurement) in the price bid only. **The Price bid format 1 & 2** given in annexure is also to be uploaded in Price bid solicited documents.

Annexure-2**LIST OF ELEVATORS TO BE MAINTAINED:**

Sl No	Elevator / Equipment number	Location of lift	Year of Purchase	Capacity kg	Landings	Type	Make & Model
1	43LS0837	FLP-MST	2009	340	13	Flame proof group IIB	Supriya
2	43LA0563	SHAR Hospital	2013	1000	03	VVVF Drive	Supriya
3	43LT0127	VAB-1	2003	1769	18	VVVF Drive	OTIS
4	43LT0129	LCC	2004	475	02	VVVF Drive	OTIS
5	43LJ0279	SHAR Canteen	1998	250	02	Goods (Dumb waiter)	Johnson
6	43LE0046	DWR	2006	1000	04	Passenger lift	Thyssen Krupp

MAINTENANCE CHECK LIST**ANNEXURE-3**

FACILITY

CAPACITY:

Kg

DATE :-

Basic module maintenance plan			
S.No	Activity	Detail	Remarks Ok/Not Ok
1.	1.car 2.car door 3.General Operation in Each floor 4.Control panel 5.machine room or car roof 6.Elevator shaft 7.pit	Check the fault codes.	
2.		Function of ELCB.	
3.		Testing of emergency light.	
4.		Checking of manual Brake release.	
5.		Checking of relevelevelling.	
6.		Intercom operation.	
7.		KRD operation.	
8.		Connection of main switch.	
9.		Cleaning of car roof.	
10.			
11.		Visual checks of machine and pulleys.	
12.		OSG checking.	
13.		Shaft Lighting and Cleaning.	
14.		Oil level in guide rail lubricators.	
15.		Electrical and mechanical functioning of landing door contacts/lock.	
16.		Coupler clearance and Synchronisation.	
17.		Landing door shoes.	
18.		Washers on ropes.	
19.		Tension of ropes.	
20.		Check the Oil cups.	
21.		Check the lighting and cleaning.	

Basic Inspection Maintenance plan			
S. No	Activity	Detail	Remarks Ok/Not Ok
1.	1.car. 2.car door. 3.General Operation at each floor.	Car light.	
2.		Interior.	
3.		Identification.	
4.		Load plate.	
5.		Alarm.	
6.		Telephone.	
7.		DO/DC Button.	
8.		Closing force limiter.	
9.		Door sensor.	
10.		Sill Groove.	
11.		Panels & shoes.	
12.		Display.	
13.		Buttons.	
14.		Proper fixing of COP.	
15.		Stopping Accuracy.	
16.		Landing sills.	
17.		Clearance.	
18.		Landing door frame.	
19.		Landing door panels.	
20.		Locks & shoes.	
21.		Function of door contact & lock.	
22.		Riding comfort.	

Controller Module Maintenance plan			
s.no	Activity	Detail	Remarks Ok/Not Ok
1.		Checking the control panel light & over all tightness.	
2.		Checking of contactors, relays, connectors & fixing of wirings.	
3.		Checking the fixing and integrity of the motor supply cable.	
4.		Checking the setting of load weighing device.	
5.		Drive time supervision.	
6.		Check correct type and rating of fuses.	
7.		Checking of Emergency batteries and replacement date	
8.		Check the alarm and its battery.	

Machine module maintenance plan			
s.no	Activity	Detail	Remarks Ok/Not Ok
1.	1.Machine room/ car roof.	Cleanliness.	
2.		Mechanical isolation.	
3.		Fastening of the machine.	
4.		Fixing & condition of motor cables.	
5.		Checking of brakes.	
6.		Thickness of liners.	
7.		Function surface.	
8.		Operation of brake including performance.	
9.		Check tension & condition of Tacho Belt & wheel.	
10.		Check condition of traction sheave & guards.	
11.		Checking of motor cooling fan.	
12.		Checking of OSG electrical contact.	
13.		Provision of brake releasing device	

Door Operator Module Maintenance plan			
s.no	Activity	Detail	Remarks Ok/Not Ok
1.	1.car door generally. 2.door operator. 3.car door top track and rollers.	Checking condition, clearance and alignment of door panels.	
2.		Checking of sill connection to the frame.	
3.		Check the condition integrity engagement and fixing of the bottom guide shoes and fire taps.	
4.		Checking of toe guard.	
5.		Check the function correctly.	
6.		Checking diverting pulleys.	
7.		Check fixing of door operator cams, micro hitches and other mechanical parts.	
8.		Check the chain or belt tightness and wear.	
9.		Check the alignment and contact surface of door contact.	
10.		Check the fixings, cables and mechanism of the safety devices.	
11.		Check the ear thing and electrical connections.	
12.		Cleaning and alignment of top track.	
13.		Condition of door contact.	
14.		Checking of hanger rollers and anti-tip rollers, tension of synchronization rollers/ pulleys.	
15.		Checking of emergency opening device.	

Landing Door Module Maintenance Plan			
s.no	Activity	Detail	Remarks Ok/Not Ok
1.	1.Landing door checks at the landing. 2.Landing door top track and rollers, locks, door closing system, sills and guide shoes, coupler.	Checking of door function.	
2.		Checking of door alignment.	
3.		Checking of door panels do not jam in open position.	
4.		Cleaning and alignment of top track.	
5.		Condition of door contact.	
6.		Checking of hanger rollers and anti-tip rollers, tension of synchronization rollers/ pulleys.	
7.		Checking of emergency opening device.	
8.		Manual test of lock operation.	
9.		Checking of landing lock rollers.	
10.		Checking alignment and contact surface of lock contact.	
11.		Operation of closing weight or spring.	
12.		Checking of closing weight.	
13.		Checking of diverting pulleys.	
14.		Checking sill connection to frame.	
15.		Condition of integrity.	
16.		Engagement and fixing of bottom guide shoes and fire taps.	
17.		Checking of the operation and alignment of the door coupler and lock rollers.	
18.		Sill gap between car sill and landing sill at each landing.(<30)	
19.		Operation fireman switch.	

Shaft Module Maintenance Plan			
s.no	Activity	Detail	Remarks Ok/Not Ok
1.	1.car roof. 2.shaft. 3.pulley. 4.pit.	Checking of OSG rope fixing to car.	
2.		Manually check the safety gear linkage.	
3.		Car upper guide shoes.	
4.		Upper limit switch functioning.	
5.		Connection of car top junction box & inspection box.	
6.		Checking of car positioning devices.	
7.		Visual check of rope pulleys and guards, pulley bearings, tightness of rope fixing & clips.	
8.		Operation of slack rope switch.	
9.		Condition of suspension ropes, OSG ropes, Cwt frame, pulleys & weights and noise from Cwt bearings.	
10.		Checking of guide shoes & guide rails.	
11.		Checking of oil in cwt oil cups.	
12.		Checking of connection of well junction box.	
13.		Checking of lower guide shoes of car.	
14.		Checking of OSG tension weight assembly.	
15.		Visual checking of buffers with strike plate.	
16.		Checking fixing of travelling cable.	
17.		Checking of Cwt buffer clearance / over travel.	
18.		Function switch.	
19.		Function of lower limit switch.	
20.		Experience of jerk in the car at the time of starting or stopping.	

Signalization Module Maintenance Plan			
s.no	Activity	Detail	Remarks Ok/Not Ok
1	signalization	Manually check the landing signalization (indicator lamps for car position, displays and buttons.)	

ANNEXURE-4

LIST OF CRITICAL SPARE PARTS FOR ELEVATORS		
Sl No	Description of items	Qty (nos.)
A	LIFT No. :: MST FLP :: 340 kg :: SUPRIYA MAKE	
	Car Door Header Accessories:	
1.	Track Roller	
2.	Coupler Assembly	
3.	Coupler Trigger	
4.	Car Track Roller	
5.	Car Door Shoe	
6.	Coupler Striker Stopping Roller	
7.	Car Door Belt	
8.	Car Antic Roller	
9.	Car Door Arm Set	
10.	Compensating Chain	
11.	Car Door Contact	
12.	Open Limit Switch & Close Limit	
13.	Off Delay Timer	
14.	Car Door V3f Unit Assembly	
15.	Photo Sensor Switch	
16.	Car Door Closing Limit Read Switch	
17.	Car Door Full Door Light Curtain	
18.	Off Delay Timer	
	Landing Door Accessories:	
19.	Landing Door Shoe	
20.	Track Roller-D Track	
21.	Landing Door Opening Key	
22.	Landing Header Rope (Dia-4mm)	
23.	Landing Rope Rollers	
24.	Door Track Roller	
25.	Dead Weight Rope With Spring	
26.	Lock Latch Roller	
27.	Door Closing Stopper	
28.	Limit Switch Liver	
29.	Landing Door Contact	
30.	Limit Switches	
31.	Limit Switch Roller (Dia 42mm)	
	Governor accessories::	
32.	Governor Rope (Dia. 8mm) per meter	
	Controller accessories::	
33.	V3F10 ABB drive	
34.	PCB Call connection card-PLC	
35.	PLC- Unit -AD Base Unit	

36.	PLC- Unit -AD Expansion 1 unit	
37.	PLC- Unit -AD Expansion 2 unit	
38.	PLC- Unit -AD prodigy	
39.	PLC Selector PCB assembly	
40.	PLC Unit selective , collective	
41.	Add on block D04-TC-4NO	
42.	Add on block D20-TC-2NC	
43.	Add on block D31-TC-3NO+1NC	
44.	Add on block D40-TC-4NC	
45.	Add on block ON delay timer	
46.	Add on block OFF delay timer	
47.	Add on block D11-TC-1NO+1NC	
48.	Add on block D22-TC-2NO+2NC	
49.	Add on block 1NO+1NC (Siemens)	
50.	Add on block 1NC (Siemens)	
51.	Add on block 1NO (Siemens)	
52.	Add on block D02-TC-2NC	
53.	ARD UPS charger card	
54.	Explosion proof Door switch with cable	
55.	Magnetic Sensor with 1 NO	
56.	Magnetic sensor with Bistable	
57.	position selector switch (flame proof)	
58.	Flame proof Key switch	
59.	Magnet for magnetic sensor	
60.	Switch module with terminal (flame proof)	
61.	Invertor for Emergency Lamp	
62.	Infrared Door Sensor	
63.	Car Door motor	
64.	Car door control system unit	
65.	Car call buttons (Flame proof)	
66.	Safety Ckt PCB Card	
67.	FRC flat cable 26 Way	
68.	Car door drive PCB	
69.	Shaft magnetic sensors	
70.	12V, 24AH SMF Batteries, CVT	
B	LIFT No. :: SHAR HOSPITAL :: 1000 kg :: SUPRIYA MAKE	
1.	Door track roller	
2.	coupler assembly	
3.	coupler trigger	
4.	car track roller	
5.	car door shoe	
6.	Anti left roller	
7.	Lock latch roller	
8.	Landing door contact	
9.	Landing door shoes	
10.	Car door coupler assembly	

11.	Car door contact	
12.	Limit switches	
C	LIFT No. :: VAB :: 1769 kg :: OTIS	
	car door header accessories:	
1.	car track roller	
2.	car door shoes	
3.	car header belt	
4.	coupler assembly	
5.	car door shoe : g0237.t	
6.	Anti left roller	
7.	compensating chain	
8.	photo sensor read switch	
9.	car door contact	
10.	car door closing limit	
11.	car door motor & Drive	
12.	car fan : 225v / 50hz / 3.75 kw / rpm:1190 / model: ulf -1031c	
13.	car door full door light curtain	
14.	off delay timer, car exhaust fans	
	landing door accessories:	
15.	landing door shoe : g 0237.t	
16.	track roller-d track	
17.	landing door opening key	
18.	landing header rope (dia-4mm) per meter	
19.	landing rope rollers	
20.	lock latch roller (silcon:3201.05)	
21.	dead weight rope	
22.	landing door inter lock contact	
23.	limit switches	
	Controller accessories::	
24.	mother board pcb :	
25.	main v3f motor :	
26.	Capacitor : 1000mfd 200 vdc / alcol make	
27.	Capacitor : 4700 mfd / 63vdc/ alcol make	
28.	base type relay : series p3 3 c/ o 10a/250v ac	
29.	base type relay : series p3 3 c/ o 10a/110v ac	
30.	bridge rectifier : 25a / 220v	
31.	V3F Yaskawa Drive	
32.	ARD flower for motor	
33.	Car fans	
34.	Inverter for E-lamp	
35.	PCB control card	
D	LIFT No. :: LCC :: 475 kg :: OTIS	
1.	Door track rollers	
2.	Lock latch rollers	
3.	Anti lift roller	
4.	Synchronize rope	

5.	Landing door shoes	
6.	Car door shoes	
7.	Car door coupler assembly	
8.	Car door contact	
9.	Landing door contact	
E	LIFT No. :: SHAR CANTEEN :: 250 kg :: JOHNSON	
1.	220V to 250V- D.C Contractors :Spracher-CA3-16 SchahCRV3	
2.	ADAPTOR: 1EC-947 ,EN-60947AC-1-690 V-16A	
3.	Single Phasing Preventer :Type: NSV-W	
4.	Capacitor: Soudamini ,Type: S 5000, 110VDC-1200 OHMS	
5.	Transformer:(Actoac) ,Jew / Sl.No- 13419 Ad-90s-Cdc-3047 :Crompton Make	
6.	Gate Lock Switch for Landing door	
7.	IFG Model Gate Lock Track Roller	
F	LIFT No. :: DWR :: 1000 kg :: THYSEEN KRUPP	
1.	Door track rollers	
2.	Lock latch rollers	
3.	Anti lift roller	
4.	Synchronize rope	
5.	Landing door shoes	
6.	Car door shoes	
7.	Car door coupler assembly	
8.	Car door contact	
9.	Landing door contact	

NOTE ::

- 1.The list of Spare parts mentioned for each Elevator is INDICATIVE only.
- 2.The party can add if any of critical spares to be included in the offer with price.

CONFIRMATION/COMPLIANCE STATEMENT

Sl No	Description of terms and conditions	Acceptance		If no, explain the reason (if space is not sufficient separate sheet may be enclosed.
		Yes	No	
1	SCOPE OF WORK Carrying out Non comprehensive Preventive Maintenance, Breakdown maintenance at SDSC SHAR, Sriharikota as per the point 1.1 of tender document Annexure-1.			
2	Conducting Preventive maintenance as per point 1.1 & 1.2 of tender document Annexure-1.			
3	Break-down calls shall be attended without any extra charges within the time frame as per point 1.4 of tender document Annexure-1.			
4	Frequency of Maintenance and Conducting load testing of each Elevator once in a year (one time in year) as per point 1.5 of tender document Annexure-1.			
5	Maintenance of Log book for each elevator as per point 1.6 of tender document Annexure-1.			
6	The period of contract shall be for two years from the date of Award of Purchase Order as per point 2.0 of tender document Annexure-1.			
7	The contract may be extended for a further period of one more year on mutual agreement as per the Point no. 2.1 of tender document Annexure-1.			
8	Place of work as per point 3.1 & 3.2 of tender document Annexure-1.			
9	Qualified and experienced maintenance personnel shall be deployed for attending the service during the contract period as per point 4.0 of tender document Annexure-1.			
10	Working hours to be followed for maintenance as per point 5.1 of tender document Annexure-1.			
11	By any chance the contractors fails to complete the periodic maintenance in the particular month, it is the responsibility of the contractor to complete the same as per the point 5.2 of tender document Annexure-1.			
12	5 years of Experience in the field of AMC of elevators as per point no. 6.1 of tender document Annexure-1.			
13	Confirmation for the Point no. 6.2 of tender document Annexure-1.			
14	Furnishing Work contract / Purchase order executed with end users satisfactory execution			

Sl No	Description of terms and conditions	Acceptance		If no, explain the reason (if space is not sufficient separate sheet may be enclosed.
		Yes	No	
	certificated as per the point no. 6.3 of tender document Annexure-1.			
15	Annual turnover for previous three years financial years as per point no. 6.4 of tender document Annexure-1.			
16	Confirmation for the point no. 6.5 of tender document Annexure-1.			
17	Site visit for assessment & inspection of Elevators as per the point no. 7.1 of tender document Annexure-1.			
18	Maintenance shall be such that break down of the elevators shall be attended as per point 7.2 of tender document Annexure-1.			
19	Detailed check-lists shall be prepared for maintenance including periodicity of replacing critical components of individual systems as per the point 7.3 of tender document Annexure-1.			
20	Ensure trouble free operation of elevator at its location, which is required to be on continuous operation round the clock as point 7.4 of tender document Annexure-1.			
21	Service technicians shall be available on call for 24x7 and holidays, beyond working hours in case of Breakdown of Elevator as per point no. 7.5 of tender document Annexure-1.			
22	Service technicians shall be competent to carry out maintenance of Mechanical, Electrical, Electronic systems (VVVF drives) of the elevator as per point no. 7.6 of tender document Annexure-1.			
23	All the mechanical components shall be lubricated to keep them in perfect working condition as per the point 7.7 of tender document Annexure-1.			
24	Maintenance service report to be submitted as per the point 7.8 of tender document Annexure-1.			
25	Attending to Maintenance & load testing of Elevators additionally as and when department demanded as per the point no. 7.9 of tender document Annexure-1.			
26	Confirmation for addition of new elevators and or deletion of existing elevators as per the point no. 7.10 of tender document Annexure-1.			
27	The spare parts, lubricants and components required for maintenance of Elevator shall be arranged by the contractor. Confirmation for			

Sl No	Description of terms and conditions	Acceptance		If no, explain the reason (if space is not sufficient separate sheet may be enclosed.
		Yes	No	
	point no.8.1, 8.2 of tender document Annexure-1.			
28	Arranging Spare parts which are not listed and also not available in the stock of department as per the point no. 8.3 & 8.4 of tender document Annexure-1.			
29	Deployment of service technicians planned for deputation shall have high integrity and shall be certified by the Contractor as per the point 9.1 of tender document Annexure-1.			
30	Accommodation, Lodging & boarding for contractors for Contractor team as per the point no. 9.2 of tender document Annexure-1.			
31	Transportation arrangements for the staff and material as per the point 9.3 of tender document Annexure-1.			
32	Insurance for contractor's staff against accidents as per the point 8.4 of tender document Annexure-1.			
33	Bringing adequate tools for maintenance as per the point 9.5 of tender document Annexure-1.			
34	Maintenance shall be carried out according to instructions of department Engineer-In-Charge as per the point 9.6 of tender document Annexure-1.			
35	The Department has the right to terminate the contract at any time as per the point 9.7 of tender document Annexure-1.			
36	The contractor should abide the statutory provisions, rules and regulations of Government of India and Government of Tamilnadu /AP in force from time to time as per the point no. 9.8 of tender document Annexure-1.			
37	Confirmation for the point nos. 9.9 of tender document Annexure-1.			
38	Confirmation for the point nos. 9.10, 9.11 & 9.12 of tender document Annexure-1.			
39	Submission of authentic documentary proofs for issue of Entry passes for Contractors staff as per the point 10.1, 10.2 & 10.3 of tender document Annexure-1.			
40	Payments as per the point 11.1 of tender document Annexure-1.			

Sl No	Description of terms and conditions	Acceptance		If no, explain the reason (if space is not sufficient separate sheet may be enclosed).
		Yes	No	
41	Security Deposit in the form of bank guarantee as per point 12.0 of tender document Annexure-1.			
42	Applicable Liquidated Damages as per point 13.0 of tender document Annexure-1.			
43	Furnishing duly filled and signed copy of the PRICE BID FORMAT-1, PRICE BID FORMAT-2			

Signature of the Tenderer

PRICE BID FORMAT-1

Sl No	Elevator / Equipment Identification number	Location	Capacity & Landing kg	Rate for First Year (Rs/-)		Rate for Second Year (Rs/-)	
				* Maintenance (12 visits in a Year)	** Load test (One time in a Year)	*Maintenance (12 visits in a Year)	** Load test (One time in a Year)
				A	B	C	D
1	43LS0837	FLP-MST	340-13				
2	43LA0563	SHAR Hospital	1000-3				
3	43LT0127	VAB-1	1769-18				
4	43LT0129	LCC	475-2				
5	43LJ0279	Shar Canteen	250-2				
6	43LE0046	DWR	1000-4				
TAXES IF ANY %							
TOTAL Rs							
TOTAL PER YEAR Rs							
GRAND TOTAL FOR TWO YEARS Rs							

- **Unpriced bid has to be submitted along Technical bid.**
- **Price filled bid has to be uploaded with Price bid documents.**

PRICE BID FORMAT-2

LIST OF CRITICAL SPARE PARTS FOR ELEVATORS			
Sl No	Description of items	UOM	Unit Rate Rs/-
A	LIFT No. :: MST FLP :: 340 kg :: SUPRIYA MAKE		
	Car Door Header Accessories:		
1	Track Roller		
2	Coupler Assembly		
3	Coupler Trigger		
4	Car Track Roller		
5	Car Door Shoe		
6	Coupler Striker Stopping Roller		
7	Car Door Belt		
8	Car Antic Roller		
9	Car Door Arm Set		
10	Compensating Chain		
11	Car Door Contact		
12	Open Limit Switch & Close Limit		
13	Off Delay Timer		
14	Car Door V3f Unit Assembly		
15	Photo Sensor Switch		
16	Car Door Closing Limit Read Switch		
17	Car Door Full Door Light Curtain		
18	Off Delay Timer		
	Landing Door Accessories:		
19	Landing Door Shoe		
20	Track Roller-D Track		
21	Landing Door Opening Key		
22	Landing Header Rope (Dia-4mm)		
23	Landing Rope Rollers		
24	Door Track Roller		
25	Dead Weight Rope With Spring		
26	Lock Latch Roller		
27	Door Closing Stopper		
28	Limit Switch Liver		
29	Landing Door Contact		
30	Limit Switches		
31	Limit Switch Roller (Dia 42mm)		
	Governor accessories::		

32	Governor Rope (Dia. 8mm) per meter		
	Controller accessories::		
33	V3F10 ABB drive		
34	PCB Call connection card-PLC		
35	PLC- Unit -AD Base Unit		
36	PLC- Unit -AD Expansion 1 unit		
37	PLC- Unit -AD Expansion 2 unit		
38	PLC- Unit -AD prodigy		
39	PLC Selector PCB assembly		
40	PLC Unit selective , collective		
41	Add on block D04-TC-4NO		
42	Add on block D20-TC-2NC		
43	Add on block D31-TC-3NO+1NC		
44	Add on block D40-TC-4NC		
45	Add on block ON delay timer		
46	Add on block OFF delay timer		
47	Add on block D11-TC-1NO+1NC		
48	Add on block D22-TC-2NO+2NC		
49	Add on block 1NO+1NC (Siemens)		
50	Add on block 1NC (Siemens)		
51	Add on block 1NO (Siemens)		
52	Add on block D02-TC-2NC		
53	ARD UPS charger card		
54	Explosion proof Door switch with cable		
55	Magnetic Sensor with 1 NO		
56	Magnetic sensor with Bistable		
57	position selector switch (flame proof)		
58	Flame proof Key switch		
59	Magnet for magnetic sensor		
60	Switch module with terminal (flame proof)		
61	Invertor for Emergency Lamp		
62	Infrared Door Sensor		
63	Car Door motor		
64	Car door control system unit		
65	Car call buttons (Flame proof)		
66	Safety Ckt PCB Card		
67	FRC flat cable 26 Way		
68	Car door drive PCB		
69	Shaft magnetic sensors		
70	12V, 24AH SMF Batteries, CVT		
B	LIFT No. :: SHAR HOSPITAL :: 1000 kg :: SUPRIYA MAKE		
1	Door track roller		
2	coupler assembly		
3	coupler trigger		
4	car track roller		

5	car door shoe		
6	Anti left roller		
7	Lock latch roller		
8	Landing door contact		
9	Landing door shoes		
10	Car door coupler assembly		
11	Car door contact		
12	Limit switches		
C	LIFT No. :: VAB :: 1769 kg :: OTIS		
	car door header accessories:		
1	car track roller		
2	car door shoes		
3	car header belt		
4	coupler assembly		
5	car door shoe : g0237.t		
6	Anti left roller		
7	compensating chain		
8	photo sensor read switch		
9	car door contact		
10	car door closing limit		
11	car door motor & Drive		
12	car fan : 225v / 50hz / 3.75 kw / rpm:1190 /model: ulf -1031c		
13	car door full door light curtain		
14	off delay timer, car exhaust fans		
	landing door accessories:		
15	landing door shoe : g 0237.t		
16	track roller-d track		
17	landing door opening key		
18	landing header rope (dia-4mm) per meter		
19	landing rope rollers		
20	lock latch roller (silcon:3201.05)		
21	dead weight rope		
22	landing door inter lock contact		
23	limit switches		
	Controller accessories::		
24	mother board pcb :		
25	main v3f motor :		
26	Capacitor : 1000mfd 200 vdc / alcol make		
27	Capacitor : 4700 mfd / 63vdc/ alcol make		
28	base type relay : series p3 3 c/ o 10a/250v ac		
29	base type relay : series p3 3 c/ o 10a/110v ac		
30	bridge rectifier : 25a / 220v		
31	V3F Yaskawa Drive		
32	ARD flower for motor		
33	Car fans		

34	Inverter for E-lamp		
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3	Anti lift roller		
4	Synchronize rope		
5	Landing door shoes		
6	Car door shoes		
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3	Single Phasing Preventer :Type: NSV-W		
4	Capacitor: Soudamini ,Type: S 5000, 110VDC-1200 OHMS		
5	Transformer:(Actoac) ,Jew / Sl.No- 13419 Ad-90s-Cdc- 3047 :Crompton Make		
6	Gate Lock Switch for Landing door		
7	IFG Model Gate Lock Track Roller		
F	LIFT No. :: DWR :: 1000 kg :: THYSEEN KRUPP		
1	Door track rollers		
2	Lock latch rollers		
3	Anti lift roller		
4	Synchronize rope		
5	Landing door shoes		
6	Car door shoes		
7	Car door coupler assembly		
8	Car door contact		
9	Landing door contact		
	APPLICABLE TAXES %		

Note: 1. The cost of spares are fixed for two years AMC period.

2. The spares will be ordered based on need only.

Signature of the Tenderer

- **Unpriced bid has to be submitted along Technical bid.**
- **Price filled bid has to uploaded with Price bid documents.**



Satish Dhawan Space Center SHAR

Welcome, Materials Master (isro)

31 August 2017,
17:16:08 IST

[MAIN VIEW](#)

[HELP](#)

Preview For STANDARD TERMS AND CONDITIONS

Page Destination: Tender Header **Format Type :** Normal

. :

GOVERNMENT OF INDIA

DEPARTMENT OF SPACE

SATISH DHAWAN SPACE CENTRE

PURCHASE DIVISION

Tele No.08623-225023/225174/225127

Fax No.08623-225170/22-5028

e-Mail ID : hps@shar.gov.in, hasan@shar.gov.in, sselvan@shar.gov.in

STANDARD TERMS & CONDITIONS

1.OFFERS SHALL BE SENT ONLINE ONLY USING STANDARD DIGITAL SIGNATURE CERTIFICATE OF CLASS III WITH ENCRYPTION / DECRYPTION. THE TENDERS AUTHORISED ONLINE ON OR BEFORE THE OPEN AUTHORISATION DATE AND TIME ONLY WILL BE CONSIDERED AS VALID TENDERS EVEN THOUGH THE BIDS ARE SUBMITTED ONLINE.

2.THE TENDERER MUST AUTHORISE BID OPENING WITHIN THE TIME STIPULATED IN THE SCHEDULE BY SDSC SHAR. OTHERWISE THE ONLINE BID SUBMITTED WILL NOT BE CONSIDERED FOR EVALUATION. PHYSICAL COPY WILL NOT BE CONSIDERED EVEN THOUGH IT IS RECEIVED BEFORE THE BID SUBMISSION DATE.

In case of two-part tenders, parties shall submit their offers as follows:-

1) Part-I – Techno-commercial Bid

(No price details shall be mentioned in this bid and shall not upload the details of price along with the techno-commercial bid)

2) Part-II – Price Bid

In view of Two Part Tender, the Offers submitted contrary to above instructions will be summarily rejected.

3.In case, the tenderer is not interested to participate in the tender, the tenderer shall submit regret letter giving reasons, failing which future enquiries will not be sent.

4.**Offer Validity:** The validity of the offers / tenders should be 90 days (in case of single part tender) and 120 days (in case two part tender) from the date of opening of the tenders. Tenders with offer validity less than the period mentioned above, will not be considered for evaluation.

5.**GST** - GST and/or other duties/levies legally leviable and intended to be claimed should be distinctly shown separately in the tender. GST details are given below

GSTIN: 37AAAGS1366J1Z1

LEGAL NAME : SATISH DHAWAN SPACE CENTRE SHAR

VALIDITY FROM:29/08/2017

TYPE OF REGISTRATION:REGULAR

6.**Customs Duty** - SDSC-SHAR is eligible for 100% Customs Duty exemption as per Notification No. 050/2017 539 (b) Dt: 30.06.2017. This may be taken into account while quoting for import items, if any.

In case tenderers offering items considering customs duty exemption, they should also indicate the bill of materials and price, separately, with Customs Duty component and terms and conditions thereto.

8.**Advance Payment** - Wherever advance payment is requested, Bank Guarantee from any Nationalized Bank/Scheduled Bank should be furnished. In case of advance payments, if the party is not supplying the material within the delivery schedule, interest will be levied as per the Prime Lending Rate of RBI plus 2% penal interest.

Interest will be loaded for advance payments/stage payments as per the prime lending rate of RBI and will be added to the landed cost for comparison purpose. In case of different milestone payments submitted by the parties, a standard and transparent methodology like NPV will be adopted for evaluating the offers.

9.**Liquidated Damages** - In all cases, delivery schedule indicated in the Purchase Order/Contract is the essence of the contract and if the party fails to deliver the material within the delivery schedule, Liquidated Damages will be levied @ 0.5% per week or part thereof subject to a maximum of 10% of total order value.

10.**Performance Bank Guarantee** - Performance Bank Guarantee for 10% of the order value should be furnished in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till warranty period plus sixty days as claim period.

11. **Security Deposit** – Security Deposit for 10% of the order value is mandatory, if the ordered value is Rs.5.00 lakhs and above. Party shall furnish the Security Deposit in the form of Bank Guarantee from nationalized/scheduled bank or by Demand Draft valid till completion of the contract period plus sixty days towards claim period for faithful execution of the contract.

12. **BANK GUARANTEE FOR FIM:** Supplier has to submit Bank guarantee for equal value of Free Issue of Materials (FIM) issued by the Department from Nationalised / Scheduled Bank valid till receipt and acceptance of supply and satisfactory accounting of FIM plus sixty days as claim period.

13. The delivery period mentioned in the tender enquiry, IF ANY, is with the stipulation that no credit will be given for earlier deliveries and offers with delivery beyond the period will be treated as unresponsive.

14. The Department will have the option to consider more than one source of supply and final orders will be given accordingly.

15. The bidders should note that conditional discounts would not have edge in the evaluation process of tenders.

16. Non-acceptance of any conditions wherever called for related to Guarantee/ Warranty, Performance Bank Guarantee, Security Deposit, Liquidated damages are liable for disqualification.

17. Wherever installation/ commissioning involved, the guarantee/warranty period shall reckon only from the date of installation and commissioning.

18. Purchase/Price Preference will be extended to the MSMEs under the Public Procurement Policy for MSMEs formulated under the Micro, Small and Medium Enterprises Development Act, 2006 and instructions issued by Government of India from time to time. Vendors who would like to avail the benefit of MSME should clearly mention the same and submit all the documentary evidences to substantiate their claim along with tender itself.

19. The drawings, specifications, end use etc., given by the Centre/Unit along with the tender enquiry are confidential and shall not be disclosed to any third party.

20. **SPECIAL CONDITIONS FOR SUBMITTING QUOTATIONS IN FOREIGN CURRENCY BY THE INDIAN AGENTS**

The Tenderer should submit the following documents/information while quoting:-

a) Foreign Principal's proforma invoice/quote indicating the commission payable to the Indian Agent and nature of after sales service to be rendered by the Indian Agent.

b) Copy of Agency agreement with the Foreign Principal and the Indian Agent, precise relationship between them and their mutual interest in the business.

c) Registration and item empanelment of the Indian Agent.

d) Agency Commission will be paid only Indian Currency.

e) Compliance of the tax laws by the Indian Agent.

21. **High Sea Sales-** Against High Sea Sale transactions:

a. Offers shall be on all inclusive basis including delivery upto Sriharikota at the risk and cost of the supplier. Customs Clearance is the responsibility of the supplier and at his cost and risk.

b. 100% payment will be made within 30 days after receipt and acceptance of the items at our site.

c. GST as applicable

d. Customs Duty Exemption Certificate and other relevant documents required for Customs clearance will be provided.

e. High Sea Sales Agreement furnished by the supplier in accordance with the terms and conditions of our purchase order will be signed and issued by SDSC-SHAR.

22. The following information/ documents are to be submitted wherever applicable.

1. Product Literature

2. Core banking account number of SBI, RTGS Details

3. PAN No. in quotation and invoices

4. GST Registration details.

5. In case of MSME, registration details / documents from Competent Authority.

23. **EXCLUSION OF TENDERS**

The following tenders shall be summarily rejected from the procurement process

a. Tenders received from vendors who have not qualified in terms of their registration.

b. Tenders received against publishing of a limited tender in the CPP portal.

c. Tenders of vendors who have been removed from the vendor list or banned/debarred from having business dealings.

d. Unsolicited tenders from vendors.

e. The tenders which materially depart from the requirements specified in the tender document or which contain false information.

f. The tenders which are not accompanied by the prescribed Earnest Money Deposit.

g. The tenders of vendors who have not agreed to furnish Security Deposit, Performance Bank Guarantee and Liquidated Damages.

h. The validity of the tenders is shorter than the period specified in the tender enquiry.

i. The tenders received from vendors or their agents or anyone acting on their behalf, who have promised or given to any official of the Centre/Unit/Department, a gratification in any form, or anything of value, so as to unduly influence the procurement process.

j. The tenders received from vendors, who, in the opinion of the Centre/Unit, have a conflict of interest materially affecting fair competition.

k.The tenders received from Indian agents on behalf of their foreign Principals/OEMs (in cases where the Principals/OEMs also submit their tenders simultaneously for the same item/product in the same tender).

l.In case two or more tenders are received from an Indian agent on behalf of more than one foreign Principal/OEM, in the same tender for the same item/product.

m.If a firm quotes 'NIL' charges / consideration, the bid shall be treated as un-responsive and will not be considered.