



## Expression of Interest

### For Supply, Installation and commissioning of Lift works for Net Zero Energy Building at Mint Compound Hyderabad for TSREDCO & TSSPDCL

EOI No: TSREDCO/Plg./NZEB/2023-24/ lift works dated :30 .09.2023



#### Telangana State Renewable Energy Development Corporation Ltd (TSREDCO)

D.No. 6-2-910, Visvesvaraya Bhavan, II floor  
The Institution of Engineers Building,  
Khairatabad, Hyderabad, Telangana State, India - 500 004  
Phone: 040 – 23201502, 23201503. Fax: 040 – 23201504  
Email: plg@tsredco.telangana.gov.in

## **SECTION I: Expression of Interest**

**Name of Work:** Expression of Interest (EOI) for Design Fabrication, Supply, Installation, and Commissioning Electric Traction Type Fully Automatic Gearless and Machine Room Less (MRL) Passenger Elevator for 10 passenger lift (qty: 2 nos.) for the office building (Basement, Stilt + 6 Floors) for TSREDCO & TSSPDCL at Mint Compound, Hyderabad as per Super ECBC Compliance and Net Zero Energy Building Concept

**EOI Document No:** TSREDCO/Plg./NZEB/2023-24/ lift works dated:30.09.2023

### **Background:**

TSREDCO is the State Nodal Agency and State Designated Agency for promoting and implementation of Renewable Energy, Energy Conservation and Electric Vehicle Infra activities in the State of Telangana.

To showcase the best energy conservation practices in the built environment, TSREDCO is proposing to construct its own office building along with the Grid Interactive NZEB concept and Super ECBC Compliance. The building would demonstrate the Renewable Energy integration and Energy Efficient construction practices in buildings to all the stakeholders. The building will also serve as the corporate office for TSREDCO.

The complete building will have an approximate built-up area of approx. 5000 m<sup>2</sup> TSREDCO is going to construct the complete building with NZEB concept and Super ECBC compliance.

In this context, TSREDCO inviting Expression of Interest (EOI) for Lifts.

### Bid Information Sheet

Name of the Work & Scope	<b>Design Fabrication, Supply , Installation, and Commissioning Electric Traction Type Fully Automatic Gearless and Machine Room Less (MRL) Passenger Elevator ( the manufacture facility shall be minimum IGBC gold certified) for 10 passenger lift (qty: 2 nos.) for the office building (Basement, Stilt + 6 Floors) for TSREDCO &amp; TSSPDCL at Mint Compound, Hyderabad as per Super ECBC Compliance and Net Zero Energy Building Concept</b>
EOI Document No.	TSREDCO/Plg./NZEBC/2023-24/EOI lift works, dated:30.09.2023
Availability of documents in TSREDCO Website	From 30 .09.2023 (17:00 hours IST)
Last date &time for receipt clarification of queries	30.09.2023 to 05.10.2023 (15:00 Hrs)
Last date &time for receipt of Sealed EOI with technical and Financial bid	11.10.2023 (up to 14:00 hours IST)
Currency	Indian National Rupees only (INR)
Schedule of Requirement	As mentioned in the EOI.
General Terms &conditions	Enclosed herewith in EOI
EOI Validity Period	90 days from the date of opening of financial bid.
Period of Contract	03 months♦ from the date of signing of Agreement.
EOI inviting authority and to be addressed to	<b>Vice Chairman &amp; Managing Director</b> Telangana State Renewable Energy Development Corporation Ltd (TSREDCO), D.No. 6-2-910, Visvesvaraya Bhavan, II floor The Institution of Engineers Building, Khairatabad, Hyderabad - 500 004. Telangana State, India Ph: 040 – 23201502, 23201503. Fax: 040 – 23201504 Email: <a href="mailto:plg@tsredco.telangana.gov.in">plg@tsredco.telangana.gov.in</a>
Clarification of Bid Documents	A prospective Bidder requiring any clarification of the EOI Documents may notify Project Director - Planning who will respond to any request for clarification, as on before .09.2023 (15:00 Hrs). The queries may be sent to <a href="mailto:plg@tsredco.telangana.gov.in">plg@tsredco.telangana.gov.in</a>

#### **Important Note:**

***The interested Agencies/Contractor may submit their EOI in sealed envelopes for Technical and Financial bids for supply and execution of work on or before 11.10.2023 at the address mentioned in Bid information sheet.***

♦ However, VC & MD- TSREDCO has right to extend the contract agreement based on the necessity and requirement.

TSREDCO have right to reject the bidding process at any stage or right to cancel the EOI (fully / partly) without mentioning any reason. TSREDCO also have right to cancel the EOI during bid validity period without mentioning any reason.

## **1. Scope of Work:**

**Lift Works –Design Fabrication, Supply, Installation, and Commissioning Electric Traction Type Fully Automatic Gearless And Machine Room Less (MRL) Passenger Elevator (The Manufacture Facility Shall Be Minimum IGBC Gold Certified) For 10 Passenger Lift (qty: 2 Nos.) for the Office Building (Basement, Stilt + 6 Floors) For TSREDCO & TSSPDCL At Mint Compound, Hyderabad As Per Super ECBC Compliance And Net Zero Energy Building Concept**

## **2. Eligibility Criteria:**

### **2.1 Technical Criteria:**

- a. The bidder should have executed at least 3 projects in high raised buildings (up to 10 floors) along with the latest project completion and performance certificate from the developer/ project owner for its satisfactory performance for the last 3 years.
- b. The bidder should be OEM or authorized distributor /supplier for the approved makes i.e., Schindler / Kone / Otis/Thyssenkrupp/ Johnson. A proof of document to be submitted. The bidder also should submit self-declaration for O&M of lift with required spares for a period of minimum 5 years.
- c. The bidder should have local office for sales and service at Hyderabad for better coordination.
- d. The bidder shall have valid GST Registration copy in the state of Telangana and PAN. The Copy of both shall be submitted.
- e. The bidder shall be registered under companies act 2013/latest or partnership firm . Proof of relevant documents shall be submitted.

**In respect of the above eligibility criteria the bidders are required to furnish the following information along with the supporting documents in the technical bid as per the format provided in Annexure D.**

### **2.2 Financial Criteria:**

The bidder should have an annual turnover of Rs.100.00 Lakhs in any one years of the last 2 financial years. The turnover certificate from CA along with UDIN in the support of the above to be submitted.

## **3. Instructions to Bidders for submission of bids**

*The interested Agencies/Contractor may submit their hard copies in sealed envelopes for Technical and Financial bids separately and combined both in 3<sup>rd</sup> envelope to addressing to VC&MD, TSRDCO mention the EOI no & work on or before 11.10.2023( 02.00 PM) at the address mentioned in Bid information sheet.*

The same will be opened on 11.10.2023 ,03:00 PM at TSREDCO Head office. The TSREDCO shall not assume any responsibility for any delayed in submission of the said proposal.

**4. Site- visit:**

The Agency/contractor is advised the site prior to the EOI, in case if desired.

**5. Technical Evaluation**

The TSREDCO will carry out a detailed evaluation of the EOI determined to be substantially responsive in order to determine whether the technical aspects are in accordance with the requirements set forth in the EOI.

**6. Technical Specifications:**

The bidder shall closely study all specifications in detail, as per BoQ. The details are mentioned in the BoQ which is enclosed along with EOI as a annexure. The civil works required for erection of lift will be supported by TSREDCO. However, the required drawings and hared ware are to be supplied by selected bidder.

**7. Commencement of Work:**

The work should be completed within the stipulated period i.e., **03 months** and the date of commencement shall be reckoned from the next working day of Purchase order. However, TSREDCO has right to extend the timeline, if required with reference to the request submitted by the contractor mentioning the proper reason for the delay beyond the control of the contractor.

TSREDCO reserves the right to levy LD of 0.5 % per week to the maximum of 5% of the contract value. However, TSREDCO decision is final in this regard.

The Contractor shall, every fortnight, review and update the progress and furnish for the information of the Project Manager, in writing, details of the Contractor's arrangements for executing the works, materials procured, erected, balance at Site, and expected deliveries during the next fortnight; skilled/unskilled labor, foremen, supervisors working at Site and steps proposed for speeding up progress of work.

If at any time it should appear to the Project Manager or the Architect/Engineering Consultant that the progress of the works does not confirm to the approved program, the Contractor shall furnish a revised program and take such steps at their cost, as are necessary to expedite progress and ensure completion of the works within the completion period or extended date of completion.

**8. Price Basis & Escalation**

Price basis of the price quoted shall be with reference to BOQ. Price mentioned in the quotation must be firm and shall be in Indian rupees only. Hence prices mentioned in financial Bid shall be firm and not subject to escalation till the execution of the complete work. TSREDCO has full rights to call for negotiations for further decreasing the prices or going for reverse bidding.

**9. Award criteria**

TSREDCO will award the contract to the successful Agency/Contractor whose bid has been determined to be substantially responsive and to be the lowest financial bid (L1) as per the EOI.

## **10. Letter of Acceptance (LOA)/ Work Order/ Agreement**

Prior to the expiration of the period of bid validity, the TSREDCO will notify the successful Agency/Contractor in writing by issuing Letter of Acceptance/ Work Order either through telefax/ scanned e-mail or through registered/speed post/couriered letter, that its bid has been accepted. The letter of Acceptance will constitute the formation of the contract. In case, Agency/Contractor does not return the duplicate copy of LOA with duly signed and acceptance within 7 days, then the LOA will be deemed cancelled and EMD of the bidder will be forfeited.

The Agency/Contractor shall sign an agreement with TSREDCO within 15 days from the date of issue of LOA. The Successful Bidder shall execute an agreement with TSREDCO in the INR 200 non-judicial stamp paper of Telangana Jurisdiction only in the name of the Tenderer (2 sets).

The written agreement to be entered into between the Agency/Contractor and the company, shall be the foundation of the rights of both the parties and the contract shall not be deemed to be executed until the contract is signed by both the parties i.e., Agency/Contractor and the Company.

## **11. Performance Security**

11.1 Performance Security would be **10%** of contract amount. In case if the Agency/Contractor desire to submit the BG, the BG may be submitted within 15 days from the Date of issue of LOA before signing the agreement by the successful Agency/Contractor. The BG may have submitted in any form given below

- A Bank Guarantee in the form given in the bid document from any Scheduled bank. The BG issued by outstation bank shall be operative at its local branch at Hyderabad or branch at Hyderabad, Telangana state.
- Demand Draft drawn in favour of TSREDCO from any Scheduled Bank payable at Hyderabad

The Bank Guarantee shall be issued by a Scheduled Bank and shall be irrevocable and unconditional. TSREDCO shall have the powers to invoke it notwithstanding any dispute or difference between contractors and TSREDCO pending before the court, tribunal, arbitrator or any other authority. The issuing Bank have to send the BG details to TSREDCO.

If performance security is provided by the successful bidder in the form of bank guarantee, it shall be issued either –

- a. at Agency/Contractor option by a Scheduled Bank, or
- b. By a foreign bank located in India and acceptable to TSREDCO.
- c. The validity of the Bank Guarantee shall be for a period of 24 months beyond the period of contract /extended contract period (if any), whichever is more.

11.2 in case, the bidder wants desires to deduct the PBG amount from the running bills, an amount @10 % of the running bill shall be recovered and same will be released after completion of performance guarantee period.

Failure of the successful Agency/Contractor to comply with the requirement as above shall constitute sufficient ground for cancellation of the award of work and forfeiture of the bid security/ earnest money.

## **12. Taxes and Duties**

Except as otherwise specifically provided in the Contract, the Agency/Contractor shall bear and pay all taxes, duties, levies and charges assessed on by all Municipal, State or National Government authorities in connection with the Facilities where the Site is located.

If any rates of Tax are increased or decreased, a new Tax is introduced, an existing Tax is abolished, or any change in interpretation or application of any Tax occurs in the course of the performance of Contract, an equitable adjustment of the Contract Price shall be made to fully take into account any such change by addition to the Contract Price or deduction there-from. However, these adjustments would be restricted to direct transactions between the TSREDCO and the successful Agency/Contractor. These adjustments shall not be applicable on procurement of raw materials, intermediary components etc.

## **13. Defect Liability Period**

- 13.1 The Successful Agency/Contractor, on whom award is made, warrants that the Facilities or any part thereof shall be free from defects in the design, engineering, materials and workmanship of the Equipment supplied/ services offered and of the work executed, wherever applicable.
- 13.2 The Defect Liability Period shall be twenty four (24) months from the date of completion and commission of the works.
- 13.3 The TSREDCO shall give the Successful Agency/Contractor, on whom award is made a notice stating the nature of any such defect together with all available evidence thereof, promptly following the discovery thereof. The TSREDCO shall afford all reasonable opportunity for contractor to inspect any such defect.

## **14. Goods & Services Tax (GST) On works contract:**

- i. The percentage quoted by the contractor is exclusive of GST on all materials.
- ii. **GST for the works contract shall be as per GST Act 2017. For works contract, Tax deduction at source will be recovered from each bill of the contractor at 2% of bill amount.**
- iii. **It is the liability of the contractor to pay GST as fixed by the Government on each bill of work done.**

## **15. Terms of Payment**

1. The bidder shall raise tax invoice only after Installation, Commissioning and Inspection of TSREDCO officials for each lift.
2. 90% payment will be made within 30 days on submission of all necessary required documents, after deducting Income Tax, TDS, GST TDS, any other statutory deductions.

3. Balance 10% shall be withheld towards Certification Performance Guarantee amount. However, if the bidder provides the Bank Guarantee towards Performance Guarantee amount, the balance 10% will be released after 90 days i.e., from the date of successful Commissioning and on submission of performance certificate.

Note:

1. In case the due date for filing the GST return for the period to which the invoice issued relates to is completed, then a proof for filing invoice in the GST Return and proof of payment of GST shall be submitted for release of 90% initial payment. If In other cases, an indemnity Bond cum undertaking in favor of TSREDCO for filing of GST Return and payment of GST to the Government (in the format provided by TSREDCO) should be submitted for release of 90% initial payment.
2. the Bank Guarantee should valid for 24 months from the Commissioning of the equipment. The 10% Contract Performance Guarantee (CPG) shall be of the actual project cost will be released after expiry of defects liability period + 30 days or on rectification of any defects that appears during the defects liability period, whichever is later.

#### **16. Settlement of Disputes:**

It is incumbent upon the contractor to avoid litigation and disputes during the course of execution. However, if such disputes take place between the contractor and TSREDCO, effort shall be made first to settle the disputes at the company level.

The contractor should make request in writing to the VC & MD, TSREDCO for settlement of such disputes/ claims within 30 (thirty) days of arising of the cause of dispute/ claim failing which no disputes/ claims of the contractor shall be entertained by the company.

Effort shall be made to resolve the dispute in two stages.

In first stage dispute shall be referred to HoD of the TSREDCO. If difference still persist the dispute shall be referred to TSREDCO board/ committee appointed by the TSREDCO board.

#### **17. Legal Jurisdiction:**

Matters relating to any dispute or difference arising out of this EoI and subsequent contract awarded based on this EoI shall be subject to the jurisdiction of District Court of the **Hyderabad** only.

#### **18. Force Majeure**

Bidder shall not be considered in default if delay in delivery of works occurs due to causes beyond his control such as acts of God, natural calamities, civil wars, strikes, fire, frost, floods, riot or epidemic/ pandemic diseases etc. Only those causes which have delayed duration shall be considered cause of force/ calendar majeure. A notification to this effect duly certified by local chamber of commerce/ statutory / competent authorities shall be given by the bidder to TSREDCO by registered/speed post letter/by hand/email. In the event of delay due to such causes, the delivery schedule will be extended for a length of time equal to the period of force majeure or at the option of TSREDCO, the order may be cancelled. Such cancellation, would



be without any liability whatsoever on the part of TSREDCO. In the event of such cancellation, the bidder shall refund any amount advanced or paid to the bidder by TSREDCO.

**19. Limitation of Liability**

Except in cases of criminal negligence or willful misconduct, the Bidder shall not be liable to the TSREDCO, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Bidder to pay liquidated damages to the TSREDCO and the aggregate liability of the bidder to the TSREDCO, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to any obligation of the Bidder to indemnify the TSREDCO with respect to patent infringement.

## SECTION II: Scope of work and specification of the lift

i) **Location/Land:** Mint Compound, Hyderabad

<https://www.google.com/maps/@17.4114785,78.4678167,225m/data=!3m1!1e3>



ii) **Scope of Work:**

Design, Fabrication, supply installation and commissioning Electric Traction Type fully automatic gearless and Machine room less (MRL) Passenger Elevator (The manufacturing facility shall be minimum IGBC Gold certified). The elevator shall be having SS Enclosure with AC Variable Voltage & Variable Frequency drive unit suitable for operation on 415V +/- 10% , 3 Phase, 50 Hz. AC supply, power operated SS center bi-parting opening type car & landing doors(Landing Doors with 2hours Fire rating), electro-magnetic brake system, car operating panel with luminous buttons, overload warning indicator, battery operated alarm bell, emergency light, intercom suitable for hook up to EPABX, Brail Button & SS Rail to meet the requirement as per standard for physically challenged , infrared ray sensing door protection for full height & mechanical safety by pressure sensor, reverse phase relay on controller, fire man's switch at ground floor, digital car positions indicator in car & at all floors with up / down direction indications, light fixtures, ventilation fan, landing sill, main beam in shaft for machine, pit ladder, complete with all accessories serving different floors in the lift shaft alongwith Automatic Rescue Device (ARD) with dry maintenance free sealed batteries, INTEGRATED CONTROLLER in DOOR FRAME, INTERNET OF THINGS (IOEE) Integration Enabled Solution, PREDICTIVE MAINTENANCE ENABLED and SAFE PULSE ELECTRONIC BRAKING Operation (PEBO) for Emergency Rescue Device without lever operated complete as required and as per enclosed specifications for each MRL elevator for following mentioned elevators:

### I. List of Approved Makes

- Schindler
- Kone
- OTIS
- Thyssenkrupp

### II. Specification

#### A. MRLS LIFTS

##### 1. Scope

- Safety to personnel and equipment during both operation and maintenance
- Reliability of service
- Minimal fire risk
- Ease of maintenance and convenience of operation
- Automatic protection of all electrical equipment through selective relaying system
- Maximum interchangeability of equipment
- Fail safe feature.
- Suitability of applicable environmental factors
- IGBC Gold certified

These specifications define the basic guidelines of the system as necessary for lifts. All data required in this regard shall be taken into consideration to develop a detailed engineering of the system. Site conditions as applicable are mentioned elsewhere. Compliance with these specifications and or approval of any of Contractor's documents shall in no case relieve the Contractors of his contractual obligations.

All works to be performed and supplies shall be affected as a part of contract requirement, specific approvals/review of Engineer-in-Charge. Major activities requiring approvals / review shall include but not be limited to the following:-

- General Arrangement drawings for the lifts including section through lift pit and lift shaft,
- Quality assurance procedures,
- Field testing and commissioning procedures
- Engineering activities to be performed by Contractor shall include but not be limited to the following as relevant to the scope of work included in the project specification.
- Control and protection scheme.
- Making of shop drawings with bill of materials.
- Factory inspection and testing procedures.
- Field testing and testing procedure.
- Preparation of as-built drawings

Any other work/activity, which is not listed above, however is necessary for the completion of lift/system

- **General**

<b>TECHNICAL DATA SHEET</b>		
<b>Sl. No.</b>	<b>Description</b>	<b>As per EoI</b>
<b>A</b>	<b>General</b>	
1	No of lifts	2
2	Lift designation From-To	Basement, stilt, first, second, third, fourth , fifth & sixth floor
3	Capacity	10 Passenger (680 KG)
4	No of stops	8
5	No of opening at front	8
6	No of opening at rear	NONE
7	Speed	1.5 MPS
8	Floor served	8
9	Travel Height	18850 mm
10	Shaft Size per lift	1790 mm x 1800 mm
11	Overhead ht	CH+2400 mm (Car height considered to be 3000mm max.)
12	Pit depth	1800 mm
13	Lift cabin size	Cabin to be of appropriate size as per lift capacity and shaft size
14	Clear entrance size	800 mm
15	Power Characteristics	Main power supply voltage - 415 V, Light power supply - 230 V, Supply power net type - TN-S (3L+PE+N)

<b>TECHNICAL DATA SHEET</b>		
<b>A1</b>	<b>Equipment</b>	
1	Hoist Machine	Permanent magnetic motor
2	Traction Media type	Lubrication free belt technology
3	Hoist motor insulation	F Class
4	Hoist motor drive	Variable Voltage Variable Frequency regenerative drive
5	Brake system	Progressive Type
6	Levelling accuracy	± 5 mm at all load conditions for vertical
7	Speed variation	± 1% of rated speed
8	Main controller	Programmable microprocessor based
9	Group controller	Built into main controller with all features
10	Type of operation control	Duplex full collective control
11	Door operator	Varidor 15 or Equivalent
12	Door drive control	Variable Voltage Variable Frequency control
13	Door controller	Vendor to specify
14	Door Protection	Two dimensional Infra red door detector covering full height & width of entrance with variable timing , nudging , limited door reversal functions
15	Car and Landing sills	Polished hard aluminium extrusion with non slip grooves 1 to 1.2mm thick
16	Counter weight	Metal & Concrete fillers fitted in steel channel frame of size and numbers as per manufacturers standard
17	Car and cwt guide rails	Machined guide rails of suitable size and fish plates (Solid)
18	Car and cwt guide shoes - Sliding Type	Vendor to specify
<b>A2</b>	<b>Safety Features</b>	
1	Emergency manual release	PEBO to be provided
2	Over speed protection	Over speed governor
3	Landing door lock safety	Emergency door unlocking device with key
4	Door fire protection	2 Hours provided
5	Safety buffers	Spring Buffers
6	AUTO Rescue Device with 30min Battery back-up	Mandatory. Shall be minimum 3 operations without recharge.
<b>A3</b>	<b>Operating &amp; Signal features</b>	
1	Car Operating Panel	
	a. Vandal resistance micro press self illuminating floor buttons	To be provided
	b. Vandal resistance micro press door close/open button	To be provided
	c. Vandal resistance micro press alarm button	To be provided
	d. Attendant /Normal with removable key and switch	To be provided

<b>TECHNICAL DATA SHEET</b>		
	e. Car ventilator control switch	To be provided
	f. Inter communication switch/button	To be provided
	g. Inbuilt speaker and microphone	To be provided
	h. Capacity plate and emergency instruction display	To be provided
	i. Digital /scrolling type car position indicator and directional arrows	To be provided
	j. All buttons are to be of Braille type	To be provided
	k. Lockable concealed service control buttons/switch box	To be provided
<b>A4</b>	<b>Other features</b>	
1	Number of start per hour	180 Starts per hour
2	Communication system	Three way communication between car, shaft and 24 hours security desk
3	Car top inspection control	Located on car top easily accessible with common /up/dn/stop buttons
4	Car top/bottom light	Light fitting with guard and 10amps socket with switch
5	Car top safety barrier	Vendor to specify
6	Emergency car light	To be on built in battery /UPS light with 2hrs charging
7	Over load signal	Audio visual signal in car with door open feature
8	Load nonstop feature	Fully loaded car travelling not to respond hall calls
9	Anti-nuisance feature	Not required.
10	Car ventilation fan	2 no axial blow type with side vents in false ceiling
11	Safe landing	to bring car nearest level and open door at slow speed in the event of any malfunctioning
12	Voice synthesizer	programmable type with Hindi / English / regional language
13	PA System	Not required
14	CCTV provision	Provision only for wireless camera
15	Fireman service feature	Provide fireman service feature
16	Fire return feature	Interfacing with fire alarm system of building. In the event of fire alarm system actuated all lifts to return to designated floor and stay with doors open
17	Fireman Indicator (Mandatory)	Fire Indicator in COP & Hall call Button - HPI
18	BMS Compatibility for all elevators	Required
19	Car toe guard	Provide as safety standard

<b>TECHNICAL DATA SHEET</b>		
20	Landing door fascia cover	Provide at all landing doors as safety feature
21	Travelling cable	Provide flame and moisture proof flat type travelling cable
22	Wiring	Provide copper wiring of suitable type and serial link system
23	Warranty	24 month warranty maintenance with 24x7 call back service within 30 minutes call reporting
24	As built drawing	Provide as built drawing , wiring diagram, operating instruction manual and parts ordering information
25	Display boards	To provide Display boards about General information / safety / maintenance etc...
26	Reverse Phase Relay and Auto Phase Sequence Correction Panel	Reverse phase relays should be provided on the controller, which should be designed to protect the lift equipment against phase reversal and single phasing & phase failure with Auto phase sequence corrector panel
27	Micro self-Levelling	The lifts shall be provided with a Micro-Self-Levelling feature that shall automatically bring the car to the floor landings.
28	Hitches Plates	Self-aligning hitches plates for better roping shall be provided by the Contractor.
29	Vibration, Isolation	Vibration and isolation arrangement shall be provided to prevent transmission of vibration to the building and structure.
30	All Aesthetic specification in lifts and performance parameter to be of the best in Industry	to be complied by lift vendors
<b>A5</b>	<b>Car interiors</b>	
1	Car side panels	SS Hairline
2	Rear panel	SS Hairline
3	Car front return panels	SS Hairline
4	Car transom	SS Hairline
5	Car door panels	SS Hairline
6	Hand rails	Rear side
7	Flooring	Granite
8	False ceiling	SS Hairline
9	Lighting	Lighting with the LED. Selection based on the choices from catalogue
10	Entrance Door Panels	SS Hairline finish with Pattern finish at ground floor , Minimum 3 patterns to be submitted to Architect for approval

**EXCLUSIONS:**

Civil works shall not form any part of this bill including foundations, core cuts and any other kind of cutouts in any structural component etc.

**ANNEXURE-C: Price/Financial Bid format**

(\*Below format shall be filled, duly signed & stamped on company letter head and to be submitted separate sealed cover)

**Name of the Work:** for the Supply, Installation and commissioning of Lift works for NZE Office building (Basement, Stilt +6 floors) as per the Super ECBC Compliance and Net Zero Energy Building Concept at Mint Compound, Hyderabad for TSREDCO & TSSPDCL– Lift work

**EOI No. TSREDCO/Plg./NZE/2023-24/ lift works dated . .09.2023.**

S.no	Description	Qty.	Total
1	Design, Fabrication, supply installation and commissioning Electric Traction Type fully automatic gearless and Machine room less (MRL) Passenger Elevator (The manufacturing facility shall be minimum IGBC Gold certified) for 10 passenger lifts 2 nos.	2 No's	
	<b>Total</b>		

( AMOUNT IN WORDS \_\_\_\_\_ )

I/We Sri / Smt. / M/s. .... do hereby express my / our willingness to execute the aforesaid work as per the conditions, standards, specifications, rules, regulations, etc., stipulated in the EoI documents.

**GST extra as applicable.**

Signature, Name of The Agency / Authorized Signatory

**NOTES**

1. All the items of work under this contract shall be executed strictly in accordance with the description of the item in the schedule of quantities relevant drawings and specifications read in conjunction with appropriate Indian Standard Specifications.
2. This bill is to be read in conjunction with all other project documents and deviations if any shall be brought into the notice of the consultant in prior.
3. All the items of work given in this schedule of quantities shall be executed strictly in accordance with Indian Electricity Rules and requirements of the local Electric Supply Authority, local Chief Electrical Inspectorate and Indian standards & National Building code read in conjunction with the relevant drawings, specifications and the appropriate Indian Standards.
4. The contractor shall visit the site and shall satisfy himself as to conditions under which the work is to be performed. No extra claim as a consequence of ignorance or on grounds of insufficient description will be allowed at a later date.
5. No Alteration whatsoever is to be made to the text or quantities of this schedule of quantities unless alteration is authorised in writing by client. Any such alterations, notes or additions shall, unless authorised in writing be disregarded when EoI documents are considered.
6. Any error in totalling in the amount column and in carrying forward totals shall be corrected.
7. Any error in description or in quantity or omission of items from the contract schedule shall not vitiate this contract but shall be corrected and deemed to be a variation required by the owner.
8. The aesthetics may vary as per architectural intent. The EoI shall take prior approval or take into considerations possible variations in interiors/exterior of the lift. No additional claims shall be payable after the award of contract.

**ANNEXURE D: Basic information on technical criteria**

<b>S.No</b>	<b>Name and location of the project</b>	<b>address of the client with, contact name</b>	<b>Type of building</b>	<b>Completed atleast 2 projects passenger lifts upto 6 to 10 capacity at high raised buildings (up to 10 floors)</b>	<b>Work Order value in INR. Along with copy of work order</b>	<b>Duration of the project with Date of commencement and completion</b>	<b>Name of the Project Incharge &amp; Names of the staff involved</b>	<b>completion certificate for the project</b>

Signature,  
Name of The Agency / Authorized Signatory



**SECTION-V: Forms & Procedures**

**ATTACHMENT -1**

**PROFORMA OF LETTER OF UNDERTAKING**

(TO BE FURNISHED ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)

[To be executed by the Holding Company Supported by Board Resolution and submitted by the Bidder along with the Bid, in case financial support is being extended by the Holding Company to the Bidder for meeting the stipulated Financial Qualifying]

**Ref : EOI No.:** TSREDCO/Plg./NZEB/2023-24/ Lift works dated . .09.2023

From: Name and Address of the bidder

To,

Vice Chairman & Managing Director  
Telangana State Renewable Energy Development Corporation Ltd (TSREDCO),  
D.No. 6-2-910, Visvesvaraya Bhavan, II floor  
Khairatabad, Hyderabad, Telangana State, India- 500 004.

Dear Sir,

- 1 We, M/s..... (Name of the Holding Company) declare that we are the holding company of M/s..... (Name of the Bidder) and have controlling interest therein. M/s..... (Name of the Bidder) proposes to submit the EOI ..... (Name of the EoI) under EoI no..... dated ..... and have sought financial strength and support from us for meeting the stipulated Financial Qualifying Requirement as per the EoI.
- 2 We hereby undertake that we pledge our unconditional & irrevocable financial support for the execution of the said package to M/s..... (Name of the Bidder), for the execution of the Contract, in case they are awarded the Contract for the said package at the end of the bidding process. We further agree that this undertaking shall be without prejudice to the various liabilities that M/s..... (Name of Bidder) would be required to undertake in terms of the Contract including the Performance Security as well as other obligations of M/s \_\_\_\_\_
- 3 This undertaking is irrevocable and unconditional, and shall remain in force till the successful execution and performance of the entire contract and/or till it is discharged by TSREDCO.
- 4 We are herewith enclosing a copy of the Board Resolution in support of this undertaking

Witness

1. (Signature of Authorized Signatory)
2. on behalf of the Holding Company

Yours faithfully,

Name & Designation .....  
Name of the Holding Company .....  
(Seal of Holding Company)

**Covering letter format  
(on Company letterhead)**

Date:

To  
The Vice Chairman & Managing Director  
TSREDCO, Khairatabad,  
Hyderabad.

Sir,

**Sub:** EoI document for the Design, Fabrication, supply installation and commissioning Electric Traction Type fully automatic gearless and Machine room less (MRL) Passenger Elevator (The manufacturing facility shall be minimum IGBC Gold certified).of office Building as per the Super ECBC Compliance and Net Zero Energy Building Concept at Hyderabad for TSREDCO & TSSPDCL-Reg.

**Ref:** TSREDCO/Plg./NZEB/2023-24/ lift work dated: .09.2023

I \_\_\_\_\_, herewith submitting the EoI as per the scope of work for Construction of building\_\_\_\_\_.

1. I, the undersigned having read and examined in detail the EoI document and do hereby express my interest to provide the services as specified in the EoI.
2. I have read the provisions of EoI document and confirm that these are acceptable to me.
3. I have not indulged in any corrupt or fraudulent practices in preparing this EoI document.
4. I shall bear all costs incurred in connection with the preparation and submission of the EOI.
5. I am enclosing all the relevant documents mentioned in the EOI document which are meeting the EoI requirements.

I hereby declare that all the information and statements made in this proposal are true and accept that any misinterpretation contained in it may lead to my disqualification.

Thanking you,

Yours faithfully

Sign & Seal

### Checklist

S.No	Particulars	Enclosed	Page No
1	Copy of Company Incorporation certificate/ partnership firm/ proprietor ship firm documents	Yes/No	
2	GST Registration Certificate	Yes/No	
3	Copy of PAN Card	Yes/No	
4	Proof of work completion certificate as per 2.1 a	Yes/No	
5	Proof of Documentary evidence as per 2.1 b	Yes/No	
6	A copy of certificate of LEED AP/ IGBC AP/ GRIHA CP as proof for 2.1 c	Yes/No	
7	Declaration letter as per 2.1c	Yes/No	
8	Annexure D (Basic information on technical criteria)	Yes/No	
9	Annual turnover certificate as per 2.2	Yes/No	
10	Attachment 1 - Letter of undertaking on company letterhead	Yes/No	
11	Attachment 2 - Covering letter format on company letter head mentioning the submission of Bid addressed to the VC & MD - TSREDCO	Yes/No	
12	One complete set of EOI document and subsequent amendments (if any), duly signed and stamped on each page along with related support documents	Yes/No	
13	If any documents in support to the bid which are not mentioned in checklist, if any, to be uploaded here	Yes/No	