

TENDER DOCUMENT

SUB. : MODERNIZATION OF OTIS LIFTS -2 NOS.

TENDER NO. SMR/MANT/GN078/2019L/PT

DUE ON : 25/04/2019

EMD : Rs.100000.00 TENDER FEE : Rs.1000.00 Plus 18% GST

	<p>प्रायोगिक सूक्ष्मतरंग इलेक्ट्रॉनिकी इंजीनियरी तथा अनुसंधान संस्था SOCIETY FOR APPLIED MICROWAVE ELECTRONICS ENGINEERING & RESEARCH आई आई टी कैंपस, पवई, मुंबई 400076. फोन : 022 25723030/7221 फैक्स : 022 25723254 IIT CAMPUS, POWAI, MUMBAI 400 076. TEL : 022-25723030/7221, Fax : 022 25723254 WEB SITE : www.sameer.gov.in E-mail : purchase@sameer.gov.in</p>
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Contents

		Page No.
1. Section - I	Instructions for Submitting the Offers	3
2. Section - II	Technical Specifications	6
3. Section - III	Commercial and Other Terms & Conditions	10
4. Section - IV	Format for submitting Price Bid	13
5. Total pages -	13 nos	

SECTION – I

INSTRUCTIONS FOR SUBMITTING THE OFFER

1. Tender document can be purchased from the Accounts Section of SAMEER located at IIT Campus, Powai, Mumbai-76, between 1.30 pm to 4.30 pm, on cash payment, on all days except Saturdays, Sundays and public holidays.

If the Tender document is downloaded from our website <http://www.sameer.gov.in> , <https://eprocure.gov.in/eprocure/app> , then **Tender fee as well as EMD** should be paid, **along with Technical Bid**, (EMD & Tender Fee should be paid separately). In such case Tender Fee should be paid in the form of Demand Draft drawn in favour of “**Society for Applied Microwave Electronics Engineering and Research**”, from any Indian Commercial Bank.

If the Tender Fee is not paid for any reason , offer will be treated as invalid.

2. Earnest Money Deposit (EMD) :

A. Earnest Money Deposit should be submitted in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker’s Cheque or Bank Guarantee from any commercial bank of India, drawn in favour of “**Society for Applied Microwave Electronics Engineering and Research**”. If the EMD is given in the form of Bank Guarantee or Fixed Deposit then it should be valid for minimum 15 days beyond the validity of the quotation.

B. Refund of EMD : Unsuccessful tenderer’s earnest money will be returned to them **without any interest** once the tender is finalized. Successful bidder’s earnest money will be returned **without any interest** only after submission of Security Deposit (Performance Security).

C. Forfeiture of EMD : Earnest money of a tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the period of validity of its tender. Successful tenderer’s earnest money will be forfeited if tenderer does not execute purchase order / contract as per the terms and conditions mentioned therein.

D. Exemption from submission of EMD : Firms which are registered with MeitY or All MSEs having registration as per provisions of the MSME Policy i.e. registration with District Industries Centre (DIC) or Khadi and Village Industries Commission (KVIC) or Khadi and Industries Board (KVIB) or Coir Board or National Small Industries Commission (NSIC) or directorate of Handicrafts and Handlooms or Udyog Aadhaar Memorandum or any other body specified by Ministry of MSME are also exempt from payment of EMD. Proof of valid registration should be attached along with the Technical Bid, failing which the Tender will be rejected.

3. **A.** In a tender, either the Indian Agent on behalf of the Principal / OEM (Original Equipment Manufacturer) or Principal/OEM itself can bid but both cannot bid simultaneously for the same item/product in the same tender.

B. If an agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product.

Failure to adhere to the above conditions will lead to automatic disqualification of the bid. Tenders submitted by the Indian agent on behalf of his principal /OEM should be supported with a letter of authority from the Principal/ OEM.

In case the manufacturer does not have an authorised representative in India at the time of submission of the bids and the company appoints a representative later on, SAMEER will only correspond with the manufacturer.

4. PERFORMANCE SECURITY

- a. The successful bidder has to give Performance Security Deposit in the form of an Account Payee Demand Draft / Fixed Deposit Receipt from an Indian commercial bank / Bank Guarantee from an Indian commercial bank / a counter Letter of Credit (LC) from our bankers (in case of foreign order), for 10 % of Order Value, immediately after receiving the purchase order. Performance Security should remain valid for a period of sixty days beyond the date of all contractual obligations including warranty obligations.
- b. Successful tenderers Performance Security will be forfeited if the purchase order / contract is not executed as per the terms and conditions mentioned therein.
- c. Performance Security Deposit without any interest will be returned only after complete execution of purchase order (including warranty period), as per purchase order 's terms and conditions.

5. Tender is to be submitted in two separate sealed covers, superscribed as 'Technical Bid' and 'Price Bid' respectively and both these sealed covers are to be put in a bigger cover which should also be sealed and duly superscribed. Tender should be addressed to 'The Purchase Officer, SAMEER, IIT Campus, Powai, Mumbai 400 076'. Tender reference including 'Due Date' should be clearly mentioned on all covers. Name ,Address and contact details of the vendor should be mentioned at back side of all covers.

6. Further details concerning 'Technical Bid' and 'Price Bid' are given below :

A. Technical Bid :

- ❖ Original manufacturer's technical specification sheet must support details provided in the Technical bid with all the specifications/ relevant technical Literatures/Brochures/Catalogues for the item. Bids received without the printed technical specification sheet/brochures/catalogues for item will be technically disqualified.
- ❖ The Technical Bid should not contain any price information.
- ❖ The item and accessories quoted must be from original manufacturer and must be new (**No second hand item/sub-item will be accepted**)
- ❖ In case the bidder is the authorised representative of a foreign manufacturer/supplier, a certificate from the principal must be included along with the technical bid.
- ❖ In case of deviation or substitution from the particular specification contained in the tender document, please indicate clearly as 'Alternative offer' and should contain sufficient details to show that the alternative would equally serve the purpose. All relevant technical data should be enclosed. In case of equipment, the itemised cost of essential accessories, optional accessories and spares required need to be specified.
- ❖ **Technical Bid should contain the following information :**
 - a. **Earnest Money Deposit (EMD)**
 - b. **Tender Fee** (if tender document is not purchased from The Accounts Section, SAMEER, Mumbai).
 - c. **Technical Specification**
 - d. **SECTION III** of Tender Document i.e. Commercial Terms & Conditions duly filled, stamped and signed.
 - e. A copy of '**Price Bid**' with all financial figures **suppressed/deleted**.
 - f. Prices should be quoted with buy back offer, failing which the tender will be rejected
 - g. Documents mentioned in **section II/C**

Technical Bid without the above information will not be considered.

B. Price Bid :

Price bid shall contain the following information:

- a. Quotation for the items (including the price break up for all options and accessories).
- b. TAXES , DUTIES AND LEVIES if applicable should be clearly specified.
- c. Discount offered on quoted price (considering that SAMEER is an R&D organisation).
- d. Total price should be mentioned in both figures and words. Alterations, if any, should be attested / initialled.
- e. The bid shall be free of hidden costs / ambiguity.
- f. There shall be no overwriting.
- g. Quotation without **buy back offer** will be rejected.

7. Tenders/Bids should be dropped in **Tender Box** only.

8. Tender received via email, fax and **Late Tenders** will not be considered.

9. Unsuccessful bidders will not be formally informed of the result of their tender.

10. Only **Technical Bid** will be opened on the next day of the due date. The tenderers or authorised representatives may make themselves available at that time. The Price Bids of the technically short listed tenderers will be opened at a later date with intimation to the short listed tenderers.

11. Date and Timing for opening Tender : Next working day after due date at 10.30 AM

12. For any clarification please mail to purchase@sameer.gov.in

13. Corrigenda: Corrigenda, if any, to this tender will be published on our website www.sameer.gov.in. The bidders are advised to check our website, before submitting the bid.

SECTION - II**TECHNICAL SPECIFICATION****A. SCHEDULE OF WORK**

Removal of existing parts of OTIS Lift and providing and fixing new parts as per given details below suitable for existing lifts-2 nos.

s.n.	DETAILS	Make
1.	Providing and fixing V3F drive control panel SS down collective microprocessor card (non proprietary)	
2.	Providing and fixing Travelling cable from half way junction box to the cabin junction.	Macrotherm, Polycab or equivalent
3.	Providing and fixing Complete electrical kit for microprocessor control i.e. junction box, maintenance box ,reed switch, magnet, final limit switch, high speed terminal, DOB, safety switch, car gate switch ,pit switch, floor counting pata etc. with all necessary hardware and other material.	
4	Providing and fixing landing push button box with up-down arrow, Dot Matrix Display and S.S. plate -6 NOS.	
5	Providing and fixing Car push button box/ Car operating panel with G+6 button, Emergency light and button ,attendant operation, Door open and Door close button in car, fan button , stop button, emergency alarm button along with s.s.plate-1 set	
6	Providing and fixing Emergency alarm bell.- 1 no	
7	Providing and fixing car frame and counter weight frame	
8	Providing and fixing Toe guard as per PWD rule	
9	Providing and fixing Safety bracket as per PWD rule	
10	Providing and fixing Safety set as per PWD rule	
11	Providing and fixing New Gearless machine with Governor set for 1.5MPS speed.	Montinery ,Torrein drive, Bharat Bijlee. or equivalent
12	Providing and fixing Variable frequency drive (VFD) for main motor.	Toshiba, Yaskawa, Fuji. Inovance, Delta or equivalent
13	Replacement of complete wiring with poly cab wire in lift shaft for different circuits	
14	Car rails	
15	Counter weight rails	
16	Providing and fixing Governor rope as per requirement	Usha martin or equivalent
17	Providing and fixing Main rope as per requirement	Usha martin or equivalent
18	Providing and fixing lift Car cabin in stainless steel (304, 18G.) hair line finish for 10 passenger lift.	Wittor or equivalent
19	Providing and fixing Cd 35 ss type or equivalent false ceiling with 5watts LED Lights 6 nos. and blower fan 1no.	

20	Providing and fixing centre opening car door (ss) with car header with door operating motor and door drive.	Wittor, farmator, Geynesis or equivalent
21	Providing and fixing centre opening landing door(s s) with header opening 900mm (304-18G)	Wittor, farmator, Geynesis or equivalent
22	Providing and fixing Granite flooring	
23	Overload platform with overload warning system	Micilect, Dina cell or equivalent
24	Providing and fixing Car position and direction of travel indication with Dot Matrix Display.	
25	Providing and fixing Hall position and direction of travel indication with Dot Matrix Display.	
26	Providing and fixing Infra red door protection system.	
27	Providing and fixing Automatic fan switch-off.	
28	Providing and fixing Battery operated emergency light and alarm bell. (30 minutes back-up)	
29	Providing and fixing A.R.D. (automatic rescue device) suitable for 6.3 kw, 1.5 mps speed, 10 passenger lift	
30	Providing and fixing pvc. truff.	
31	Providing and fixing maintenance box.	
32	Providing and fixing announcer in Marathi, Hindi and English language.	
33	Providing and fixing Floor leveling switches.	
34	Providing and fixing Terminal switches.	
35	Providing and fixing Cutting cam.	
36	Providing and fixing Maintenance switch.	
37	Providing and fixing Junction box.	
38	Providing and fixing Magnet switches with vanes	
39	Providing and fixing Hoist way limit switches	
40	Providing and fixing Troughs	
41	Providing and fixing V.F. door operater.	
42	Providing and fixing Car door sill	
43	Providing and fixing all landing door sill.	
44.	White wash of lift shaft / lift well (2coat)	

B. Existing and new Elevator details are given below.

Sr	Head	Existing lift	Requirement of New lift
1	Capacity	884kg / 13 passengers	680kg/10 passengers
2	Speed	1.5MPS	1.5MPS
3	Details of the building	G + 6 story	G+6story
4	Passenger automatic lift	02 nos	02 nos
5	Stop/opening	6 stop/open (no stop on 1 st floor)	6 stop/open (no stop on 1 st floor)
6	Total travel	19 Mtrs.	19 Mtrs.
7	Motor details	OTIS MAKE A.C. MOTOR ,15 KW /20 HP, 3 PHASE,400 VOLT,1316 RPM	Montinery ,Torrein drive, Bharat Bijlee. and equivalent 6.3kw,3phase440 v a.c.50hz, suitable for 1.5mps speed
8	Machine	OTIS MAKE ,TYPE-19 BT,	Gearless traction type located at the lift room
9	collective operation	Duplex full collective system	Duplex full collective system
10	Size of lift well	2250mm X 2470mm	2250mm X 2470mm
11	car enclosure	stainless steel (s s) car in hairline finish (304-18G)	stainless steel (s s) car in hairline finish (304-18G), Providing and fixing Cd 35 ss type or equivalent false ceiling with 5watts LED Lights 6 nos. and blower fan 1no.
12	Inside Car size	H-2300mm X w-2000mm X D-1100mm	H-2300mm X w-1530mmXD-1530mm OR suitable as per well size
13	Car entrance/car door	Center opening power operated door in s.s.hairline finish(304-18G)	Center opening power operated door in s.s. hairline finish (304-18G)
14	Landing entrance/ landing door	Center opening power operated door in s.s. hairline finish (304-18G) at all landings.	Center opening power operated door in s.s. hairline finish (304-18G) at all landings.
15	Door clear opening	H-2000mm X W-900mm	H-2000mm X W-900mm
16	Flooring	Tiles flooring	Granite flooring
17	A.R.D.	OTIS MAKE	Microtech, swastika, Indus . as per lift motor capacity.
18	Wiring	Poly cab	Poly cab
19	Main rope	13mm x5 nos.	Suitable for new Lift machine
20	Speed governor rope	8mmX1 no	Suitable for new Lift machine
21	Landing operated panel car operating panel	s.s. hairline finish with micro stroke call button with UP-DOWN arrow with 7 digital segment indicator, Attendant operation, Door open & Door close button in car, Emergency stop button ,Battery operated Emergency Alarm bell button	s.s. hairline finish with Illuminated buttons with dot matrix direction and position indicators , Attendant operation, Door open & Door close button in car, Emergency stop button ,Battery operated Emergency Alarm bell button
22	Indicators	7 digital segment indicator	Illuminated buttons with dot matrix direction and position indicators in car and at all landings.
23	Overload device	Miscelect with hooter	Miscelect with hooter.

C. SPECIAL TERMS AND CONDITIONS

1. The contractor has to visit the site before quoting for the same.
2. While removing the existing Lift care should be taken so as to avoid damaged to the other parts.
3. The material should have been approved by concerned officials before start the job.
4. contractor will take permission from PWD for modernization of lift and new certificate for new lift. SAMEER will provide only necessary documents for that work.
5. contractor will take full responsibility of his workers, if any injury happen while working on site ,SAMEER will not give any compensation to contractor.
6. Electricity and water will provided by SAMEER up to completion of modernization work, without any cost.
7. Contractor should mention warranty/guaranty for three years period.
8. Contractor should mentioned delivery period.
9. Mentioned period for supply, Installation , testing and commissioning for two lifts.
10. All the equipments and other material required for the above mentioned scop of work are to be dispatched and delivered at site with own arrangement of transportation including loading, unloading by the contractor.
11. **Buy back scheme-** The rates for buy-back of the existing installed working OTIS lift may also be quoted.
12. SAMEER reserves the rights to accept or reject any quotation including the lowest tender without assigning any reason at its sole discretion and the decision.
13. Contractor should provide license copy of his firm.
14. The bidder must submit previous two years work orders of similar work which is total value not less than Rs. 5000000.00 (Rs. Fifty lacks only)
15. Contractor should shifted buy-back /scrap material from SAMEER premises before submitting the final bill.

SECTION- III**Commercial & Other Terms and Conditions**

Vendor to state Complied / Not Complied – Deviations if any in the REMARKS column

S.N.	DESCRIPTION	ESSENTIAL CONDITIONS	REMARKS
a.	PRICES	Prices should include delivery charges up to SAMEER's Stores . Any additional charges, taxes and levies should be clearly mentioned. In the event of a Purchase Order, it will be the responsibility of the supplier to pay whatever charges are payable to different agencies in their country. Octroi charges, if any, will be reimbursed to the supplier on production of the octroi receipt. The purchaser will not pay any charges other than the agreed price as per the contract.	
b.	TAXES , DUTIES AND LEVIES APPLICABLE	(Existing applicable rates should be mentioned)	
		1.	
		2.	
		3.	
4.			
c.	PACKING	All the items should be packed in suitable boxes, crated and protected from damages during the transit till they are delivered to destination.	
d.	FREIGHT AND INSURANCE	To be arranged by supplier. All the items shall be delivered to Stores Officer, SAMEER, IIT Campus, Powai, Mumbai after obtaining a shipping release in the appropriate pro-forma from the purchaser. The Vendor shall be fully responsible for the safe delivery of all the items from and to SAMEER Powai and shall satisfy the purchaser that adequate measures have been taken for the same.	
	Vendor's Signature:		Seal:

e.	ANY OTHER CHARGES APPLICABLE	SUPPLIER TO SPECIFY	
f.	MODE OF DELIVERY	By road	
g.	DELIVERY SCHEDULE	1 Month	
h.	WARRANTY	3years	
i	PAYMENT TERMS	50 % after delivery of all material and its approved by concerned officials 50% after dismantling of old lifts, Installation commissioning and testing of new lifts.	
j.	VALIDITY OF QUOTATION	90 DAYS FROM THE DUE DATE.	
k.	Tender Fee	If not paid in cash then by Demand Draft from any commercial bank of India, drawn in favour of " Society for Applied Microwave Electronics Engineering and Research ". If the Tender Fee is not paid for any reason , offer will be treated as invalid.	
l.	Earnest Money Deposit (EMD)	Earnest Money Deposit (EMD) should be submitted in the form of Account Payee Demand Draft, Fixed Deposit Receipt, Banker's Cheque or Bank Guarantee from any commercial bank of India, drawn in favour of " Society for Applied Microwave Electronics Engineering and Research ". For exemption, please refer SECTION I, 2 d	

m.	PERFORMANCE SECUIRTY	The successful bidder has to give Security Deposit in the form of an Account Payee Demand Draft / Fixed Deposit Receipt from an Indian commercial bank / Bank Guarantee from an Indian commercial bank / a counter Letter of Credit (LC) from our bankers (in case of foreign order), for 10 % of Order Value, immediately after receiving the purchase order. Performance Security should remain valid for a period of sixty days beyond the date of all contractual obligations including warranty obligations.	
n.	EXEMPTION FOR CUSTOM DUTY AND EXCISE DUTY	SAMEER is registered with Department of Scientific and Industrial Research (DSIR) for the purpose of availing custom duty exemption in terms of Government of India Notification No. 51/96-customs amended to 24/2007-customs dated 1 st March 2007. {approx. 5.20 % duty is applicable under his notification (5 % Basic + cess/surcharge)} and central excise duty exemption in terms of Government Notification no. 10/97-central excise amended to 16/2007-central excise dated 1 st March 2007.	
o.	JURISDICTION	MUMBAI	

Vendor's Signature:

Seal:

SECTION- IV

Format for Price Bid

IMPORTANT

Vendor is required to submit the price bid in the given format on their LETTER HEAD.

One copy of the price bid without the financial figure should be enclosed along with the Technical Bid.

ITEM	DESCRIPTION	QUANTITY	RATE IN INR	PRICE IN INR
I	Modernization of OTIS Lift as per specification given in the tender document.	2 Lifts		
II	Dismantling of existing Lifts with all accessories. And keep that material in SAMEER premises as per instructions.	2 Lifts		
III	Civil work			
IV	PWD Fees for modernization and new licence	2 Lifts		
	Total			
V	Less Buy Back offer for existing lifts.	2 Lifts		-
	Sub- Total			
1.	TAXES AND DUTIES APPLICABLE ON ITEMS			
	I - Excise Duty			
	II -GST			
2.	FREIGHT from Vendor's manufacturing facility to SAMEER Powai.			
3.	INSURANCE			
4.	ADDITIONAL CHARGES IF ANY			
	GRAND TOTAL AMOUNT			
	TOTAL AMOUNT (IN WORDS)			
	Vendor's Signature:		Seal:	

S/d
Purchase Officer