



RAJASTHAN STATE MINES & MINERALS LIMITED

(A Govt. of Rajasthan Enterprise)

Registered Office
C89-90, Lal Kothi Scheme, Janpath
Jaipur (Rajasthan) India
Ph.: +91-1410-2743734. 2743934
Fax: +91-141-2743735
CIN No.: U14109RJ1949SGC000505
PAN No : AAACR7857H
GSTIN No. 08AAACR7857 H1Z0

Corporate Office
4, Meera Marg,
Udaipur – 313 001
Ph.: -91-294-2428768, 2428763-67
Fax: +91-294-24287, 2428739
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website: www.rsmdl.com

TENDER DOCUMENT

TO

e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27 Dated 13.07.2026

Supply, Installation, Testing and Commissioning (SITC) of 2 Nos. Elevators (Lifts) of 13 Passenger & buy back of 2 nos. (13 Passenger capacity (presently in running condition) with Comprehensive Annual Maintenance Contract (AMC) for 3 years at Khanij Bhawan, RSMDL Jaipur, (Rajasthan)

s.n.	Description	Date	Time
1	Bid Submission Start Date	28.07.2026	10.00 a.m.
2	Bid Submission Closing Date	04.08.2026	6.00 p.m.
3	Techno-Commercial Bid Opening Date	05.08.2026	3.00 p.m.
4	Submission Tender Document Fee, Processing Fees and Bid Security as per tender provisions	04.08.2026	Up to 6.00 p.m.
5.	Pre-Bid Meeting date & time	22.07.2026	11.30 a.m.
6	Price Bid Opening Date	Will be intimated later on to the techno-commercially qualified bidders	
7	Websites for downloading tender documents/ corrigendum etc.	www.rsmdl.com , http://eproc.rajasthan.gov.in http://sppp.rajasthan.gov.in/	
8	Website for submission of tender (only online)	http://eproc.rajasthan.gov.in	
9	Tender Document Fees	Rs. 1180/- (Inclusive of GST-18%) in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur	
10	RISL Processing Fees	Rs. 500/- in favour of "MD RISL" payable at Jaipur	
11	Bid Security	Rs. 90,000/- in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur	





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website: www.rsmml.com

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NOTICE INVITING e-TENDER

e- Tenders in Two parts (Techno Commercial Part & Price Part) are invited for following work-

Description	Qty.
Supply, Installation, Testing and Commissioning (SITC) of 2 Nos. Elevators (Lifts) of 13 Passengers & buy back of 2 nos. (13 Passenger capacity (presently in running condition) with Comprehensive Annual Maintenance Contract (AMC) for 3 years at Khanij Bhawan, RSMML Jaipur, (Rajasthan) Required Makes- Johnson Lifts & Escalators/ Kone/ Schindler/ OTIS/Mitsubishi Electric/Thyssenkrupp make conforming to IS 17900 with latest amendments.	Two nos.

For more details, visit us on web site www.rsmml.com, www.eproc.rajasthan.gov.in, www.sppp.rajasthan.gov.in or contact Mr. Hemant Goutam, Mgr(MM), RSMML Mobile no. 9414155119, 9358833595 at the above address.



for ^{Wn} 13/7/26
GGM (MM)

e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

General	Instruction for preparation & submission of tender and General Conditions of E-Tender.
Annexure- I	General profile of tenderer.
Annexure- II	Undertaking towards acceptance of all terms & conditions of tender.
Annexure- III	Undertaking towards non suspension/non banning /GST/Licences.
Annexure- IV	Registration details as per Micro, Small & Medium Enterprises Development Act,2006.
Annexure- V	Details of taxes & duties offered in price bid.
Annexure- VI-a, VI-b, VI-c, VI-d	Check-list to technical specification and scope of work, CAMC and other related details/drawings
Annexure-VII	Declaration by tenderer.
Annexure-VII,a	OEM Authorization and Support Undertaking Format
Annexure- VIII	Details of Past Experience.
Annexure- IX	Format of B.G. for Security Deposit.
Annexure- X	Format of Bid security declaration.
Annexure- XI	Format of Performance security declaration.
Annexure- XII	List of Public Sector Banks & Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954.
Annexure- XIII	Format of Undertaking for B.G.
Annexure-A	Compliance with the Code of Integrity and No Conflict of Interest.
Annexure-B	Declaration by the Bidder regarding Qualifications.
Annexure-C	Grievance Redressal during Procurement Process and Form No. 1.
Annexure-D	Additional Conditions of Contract.
Form-A	Format of Application by MSME for Purchase Preference in Procurement of Goods.
Form-B	Format of Affidavit.



SECTION -I

1.0 Instructions for preparation & submission of e-Tender and Conditions of e-Tender:

- i) Tender shall be submitted online only through e-procurement portal of GoR i.e. www.eproc.rajasthan.gov.in. No physical/offline Tender/bid shall be accepted.
- ii) The **Tender document fee** shall be in the form of Demand Draft/Bankers Cheque/Bank Pay Order/RTGS/NEFT drawn **in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur** and shall be submitted to the office of the GGM (MM), 4-Meera Marg, Udaipur up to schedule date and time, as above.
- iii) The **Bid Security** shall be in the form of Demand Draft/Bankers Cheque/Bank Pay Order RTGS/NEFT drawn **in favour of "Rajasthan State Mines & Minerals Limited" payable at Udaipur** and shall be submitted to the office of the GGM (MM), 4-Meera Marg, Udaipur up to schedule date and time, as above.
- iv) The **Processing Fee** shall be in the form of Demand Draft/Banker Cheque RTGS/NEFT drawn in favour of "**MD RISL**" payable at Jaipur and shall also be submitted to the office of the GGM (MM), 4-Meera Marg, Udaipur up to schedule date and time, as above
- v) Conditional tenders and casual letters sent by the bidders will not be accepted.
- vi) Bidders are requested to read the instruction in the Tender Document/Bid before submitting the Tender/BID online.
- vii) The Tender Document is not transferable.
- viii) Bidders who wish to participate in this tender will have to be registered on <http://eproc.rajasthan.gov.in>. To participate in online tenders, bidders will have to procure Digital Signature Certificate (type II or III) as per Information Technology Act-2000 using which they can sign their electronic bids. Bidders can procure the same from any CCA approved certifying agency or may contact Government of Rajasthan e-procurement Cell, Department of IT&C for further assistance. Bidders who already have a valid Digital Certificate need not to procure a new Digital Certificate.
- ix) Contact details of Government of Rajasthan e-procurement Cell, Department of IT&C are:
24X7 Help Desk Telephone No. 0120-4200462, 0120-4001002, 8826246593.
Email-support-e proc @ nic.in. Local Help Desk Number 0141-4022688. 9.30 AM to 6.00 PM on all working days. email: eproc@rajasthan.gov.in, Address: e-procurement cell, RISL. Yojana Bhawan, Tilak Marg, C-Scheme, Jaipur.
- x) Training for the bidders on the usage of e-Tendering system is also being arranged by RISL on regular basis. Interested bidders may contact e-Procurement Cell, RISL.
- xi) Bidder shall submit their offer on-line in electronic formats both for techno-commercial and financial bid, however DD/Banker Cheque for Tender Fees, Processing Fees and Bid Security should be submitted offline (personally/post/courier) to the office of GGM (MM) before scheduled date & time as mentioned in tender document. Scanned copies of DDs/BCs/RTGS/NEFT should also be uploaded along with the online Bid.



- xii) Before electronically submitting the tenders, it should be ensured that all the tender papers including conditions of contract are digitally signed by the tenderer.
- xiii) Bidders are also advised to refer "Bidders manual" available under "Download" section for further details about the e-tendering process.
- xiv) All bidders are advised not to wait for last date and submit their tender/bid at earliest. The Company shall not be responsible for any interruption/technical snag in website and No extension in deposition of Tender/bid shall be allowed.
- xv) Bidders shall have to furnish the legible/readable bid documents in the "covers" as prescribed in the document in PDF/jpg format. **All the documents should be sealed & signed by the tenderer.**
- xvi) Provisions of Rajasthan Transparency in Public Procurement Act, 2012 and Rajasthan Transparency in Public Procurement Rule, 2013 & subsequent amendments time to time, will also be applicable.
- xvii) In compliance to the Rajasthan Transparency in Public Procurement Act, 2012 and Rajasthan Transparency in Public Procurement Rule, 2013, following annexures are enclosed:
- i) Annexure-A- Compliance with the Code of Integrity and No Conflict of Interest.
 - ii) Annexure-B- Declaration by the Bidder regarding Qualifications.
 - iii) Annexure-C- Grievance Redressal during Procurement Process and Form No. 1.
 - iv) Annexure-D- Additional Conditions of Contract.

xviii) PRE BID MEETING

- (a) RSMML proposes to hold a pre-bid meeting to clarify doubts and furnish replies to the questions/ observations raised by the tenderers on this tender document. The meeting will be held at SBU – PC (Lignite) Office, KhanijBhawan, TilakMarg, C- Scheme, Jaipur (Rajasthan) on 22.07.2026 at 11:30 AM .
- (b) Tenderers are also advised to send their queries/clarifications in advance and addressed to the GGM(MM), RSMML, 4- Meera Marg, Udaipur, so as to reach us at least five (5) days before the scheduled date of the pre bid meeting.
- (c) Tenderers are advised to participate in the pre bid meeting in their own interest, though it is not mandatory to do so. However the tenderers are requested to confirm their participation.



COVER-A

- i) Scanned Copies of Demand Draft/Bankers Cheque/Bank Pay Orders RTGS/NEFT towards Tender document Fees, Bid Security and processing fees.
- ii) Authorisation in favour of a person signing tender document.
- iii) General profile of tenderer as per annexure-I, undertaking towards acceptance of all terms & conditions of tender as per annexure-II and Undertaking towards non suspension/non banning/GST as per annexure-III.
- iv) Registration details as per MSMED Act, 2006 as per annexure-IV.
- v) Details of taxes & duties offered in price bid as per annexure-V.
- vi) Details of the offices from where after sales services /maintenance will be provided by the manufacturer/bidder at site. The bidder shall provide detailed information including location, infrastructure etc of the office(s) located at Jaipur/ proposed establishment of service center in Jaipur and timeline for operational readiness from where after-sales services will be rendered at the site. If the bidder/manufacturer does not have or does not propose to establish a service center in Jaipur, an undertaking shall be submitted confirming that services will be provided promptly, within 24 hours of notification by RSMML.

COVER-B

- vii) Check-list to scope of work, technical specifications, other related works etc. of Lift & other details as per annexure-VI,a,b,c,d.
- viii) Detailed specifications and illustrated catalogue and specific technical information about the offered equipment along with general arrangement drawing & other required drawings etc.
- ix) Declaration and documents as per annexure-VII & VII,a.
- x) Details as per annexure-VIII along with copies of PO and other related documents towards past experience as per pre-qualification criteria.
- xi) Copy of supporting documents towards Turn-over as per pre-qualification criteria.
- xii) Sealed and Signed copies of Annexure-A, Annexure-C, Annexure-D and Duly Filled, Sealed and Signed Annexure-B.
- xiii) Form A and B.

COVER-C

- **Price Bid in xls format.**

2.0 SUBMISSION & OPENING OF TENDERS:

The online submission of bids on the e-procurement portal i.e. <http://eproc.rajasthan.gov.in> within the specified date and time will be the sole responsibility of the Tenderers. In case the date of opening of bids happens to be a holiday, then the bids shall be opened on the next working day.



Tenderers are requested to ensure submitting their tender online on e-procurement portal only and furnishing Demand Draft / Bankers Cheque/Bank Pay Orders/RTGS/NEFT details towards tender document fee/Bid Security/Processing Fees offline to the office of GGM (MM) within the specified time & date of submission. Tenders in physical form (offline) will not be acceptable in any case.

Tenderers may note that they will not be able to submit their tenders online after the specified/ scheduled date & time of submission of bid document. Tenderers should also to ensure furnishing Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT details towards tender document fee/Bid Security/Processing Fees to the office of GGM (MM) within the specified time & date of submission. Failing which, their online bids will not be opened.

3.0 VALIDITY:

The tenderer shall keep the offer open for acceptance by RSMML for a minimum period of 4 (four) months from the date of opening of tender (Part-I), within which period the tenderer shall have no right to withdraw, cancel, amend or modify his offer. In case of withdrawal/cancellation/ amendment/ modification in the offered tender, the Bid Security deposited by the tenderer shall stand forfeited. The validity period may be extended further, if required, by mutual consent from time to time.

In case, tenderer, after issuance of communication of acceptance of offer (LOA/PO) by RSMML, fails to execute the contract as per the conditions therein, such an event will be considered as the tenderer's calculated willful breach of the contract. The cost & consequence in such cases shall be on the sole account of the tenderer. Moreover, RSMML have full right to claim damages thereof in addition to the forfeiture of Bid Security.

4.0 BID SECURITY, TENDER DOCUMENT FEES & PROCESSING FEES:

- a) The tenderer shall deposit (interest free) a sum of **Rs. 90,000/- (Rupees Ninety Thousand Only)** as Bid Security in the form of Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT payable to RSMML, Udaipur.
- b) Further, tenderers shall deposit a sum Rs. 1,180/- towards tender document fees and Rs. 500/- towards processing fees by Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT only to the office of GGM (MM) within the specified date & time. The details of furnishing such financial instruments are elaborated in clause no. 1.0. Payments through Cash, Cheque will not be accepted.

Demand Draft/Bankers Cheque/Bank Pay Orders /RTGS/NEFT for Tender Fees, Processing Fees and Bid Security should be submitted offline (personally/post/courier) to the office of GGM (MM) before scheduled date & time as mentioned in tender document. Scanned copies of Demand Draft/Bankers Cheque/Bank Pay Orders/RTGS/NEFT details should also be uploaded along with the online Bid. The tender document fees & processing fees are non-refundable.



c) **The Bid Security shall be forfeited in case of :**

- i) If tenderer unsolicited revises and/or modifies and/or withdraw &/or cancel/amend the offer at its own after submission of tender during the validity period.
 - ii) If it is established that tenderer has submitted any wrong information/forged document along with the tender or thereafter.
 - iii) If the tenderer declines to accept contract/order placed by the Company subsequent to acceptance of his offer.
 - iv) If the tenderer does not submit the security deposit cum performance guarantee.
 - v) If the tenderer breaches any provision of code of integrity prescribed for bidder as detailed at Annexure –A.
- (d) The Bid Security furnished by the unsuccessful tenderers will be refunded after finalization of tender &/or validity of the offer has expired. Bid Security of successful tenderer will be refunded after receipt of Security Deposit cum performance guarantee.
- (e) The Bid Security of a tenderer lying with the company in respect of other tenders awaiting approval or rejected or on account of contract completed will not be adjusted towards bid security against this tender, however, the bid security originally deposited may be taken into consideration in case tender is re-invited. However, tender document fees and processing fees have to be furnished afresh incase of re-tender.

Bid Security, Tender Document Fees & Processing Fees may also be furnished by the way of RTGS/NEFT in the account of RSMML in addition to other modes already prescribed in the relevant clauses of the tender document.

Our Bank Details are as under:

IDBI Bank,
Account No.:050102000002202
IFSC Code: IBKL0000050
Saheli Marg, Udaipur (Raj.) India

Note: Tenderes are requested to forward the UTR no. & other relevant details through email immediately after deposition of Tender Document fees & Processing Fees through RTGS/NEFT for verification at our end.

5.0 SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE:

- i) As security for the due, proper and faithful fulfillment of the obligations under the contract, the tenderer will furnish to RSMML Security Deposit cum Performance Guarantee equal to 10% of total value For Supply, Installation, Commissioning of Lifts and equal to 5 % of the total value of AMC in the form of Demand Draft/RTGS/NEFT or in the form of Bank Guarantee in RSMML Performa by public Sector Banks and Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954 as per list enclosed at annexure-XII having its Branch at



Udaipur/Jaipur (as the case may be), within 21 days from the date of PO on the stamp paper of appropriate value. An undertaking as per annexure-XIII will also be submitted along with the B.G.

Security Deposit Cum Performance Guarantee" may also be furnished by the way of FDR in addition to existing methods mentioned in tender. FDR should be furnished as per provisions of RTPP Rule 75(3)(e), as below-

"Fixed Deposit Receipt (FDR) of a scheduled bank. It shall be in the name of procuring entity on account of bidder and discharged by the bidder in advance. The procuring entity shall ensure before accepting the Fixed Deposit Receipt that the bidder furnishes an undertaking from the bank to make payment/premature payment of the Fixed Deposit Receipt on demand to the procuring entity without requirement of consent of the bidder concerned. In the event of forfeiture of the performance security, the Fixed Deposit shall be forfeited along with interest earned on such Fixed Deposit".

- ii) The security deposit for Supply, Installation and Commissioning of Lifts should be valid for a period of 6 months in excess of warranty /free maintenance period of one year + work completion period. SD for annual maintenance contract of Lifts (AMC) should be valid for a period of 6 months in excess of AMC period of 3 years + one year warranty /free maintenance period + work completion period.
- iii) The BG shall liable to be invoked/ amount of SD is liable to be forfeited wholly or partly at the sole discretion of the Company, should the supplier either fails to execute the work within the stipulated period or fails to fulfill the agreed obligations or fails to settle in full it's dues to the Company.
- iv) The Company is empowered to recover from the S.D. any sum due and /or any other sum that may be fixed by the Company as being the amount or loss or losses or damages suffered by it due to un-satisfactory performance or non fulfillment of any of the conditions of the tender/ contract.
- v) The Bank Guarantee/ S.D. shall remain in force and binding, notwithstanding, if any variation, alternation, modifications are made to the contract or any extension of the contract period is granted by RSMML.
- vi) RSMML shall not pay any interest on the Security Deposit. The security Deposit shall be released on application by the Supplier after the expiry of guarantees and after discharge of all the supplier's obligations under the contract.
- vii) The said Security shall not in any way be construed as a limitation of the supplier's responsibility or liability pertaining to its obligations and guarantees under the contract and shall be without prejudice to any other remedies available to RSMML in terms of the contract and/ or as per the laws of the land.
- viii) Incase SD is being furnished in the form of Bank Guarantee, the BG should be furnished on the non-judicial stamp paper of the value equal to 0.25% (Zero Point Twenty Five Percent) of total Security Deposit amount subject to the maximum of Rs. 25000/- or as applicable at the time of submission of B.G.



- ix) S.D. should be sent to the office of GGM (MM), CO for Supply, Installation & Commissioning of Lifts and to GGM (SBU-Lig.), Jaipur for annual maintenance contract of Lifts.

6.0 RELAXATION IN TENDER DOCUMENT FEES, BID SECURITY & SECURITY DEPOSIT CUM PERFORMANCE GUARANTEE TO MSME, GOR:

- (A) Tenderers offering in capacity of micro, small and medium enterprises of the State of Rajasthan, having acknowledgement of Entrepreneurs Memorandum-II/Udyog Aadhaar Memorandum as mentioned in Micro, Small and Medium Enterprises Development Act, 2006, issued by the competent authority facilitated, on furnishing of a self-attested copy of acknowledgement of Entrepreneurs Memorandum-II/Udyog Aadhaar Memorandum, following relaxations will be provided, if sought by the bidder along with supporting documents-
- i) Tender document fees will be taken @50% of the prescribed total value of Tender document fees.
 - ii) Bid Security will be taken @25% of the total value of Bid Security. In case of offering the quantity lesser than the tendered quantity, then they can submit proportionate amount of bid security in proportion to the quantity being offered with respect to the bid security amount for tender quantity.
 - iii) Security Deposit will be taken @ 0.5% of the total value of order.
- (B) In case of participation by Undertakings, Corporations, Autonomous Bodies which are controlled and managed by Govt., Govt. Undertakings and Companies of Union Govt. & Govt. of Rajasthan, they are exempted from deposition of Bid Security and performance Security, however, they have to give declaration towards these as per Annexure- X and Annexure-XI.
- (C) Except above, no exemption in respect of Tender Document Fee, Bid Security & Security Deposit (Performance Security) will be given to any party on any grounds (except considered by management on the merit of the case) and their offer will be liable for rejection.

7.0 SCOPE OF WORK, SPECIFICATIONS & QUANTITY:

QUANTITY – 2 Nos.

The detailed Specification and scope of work for Supply, Installation, testing and commissioning (SITC) of 2 Nos. Elevators (Lifts) with free warranty/comprehensive maintenance services of one year & buy back of 2 nos. existing lifts with Comprehensive Annual Maintenance Contract (CAMC) for 3 years at KhanijBhawan, Jaipur are mentioned Annexure-VI-a, VI-b, VI-c & VI-d. Tenderer is to give point wise confirmation of same towards their acceptance.



Note: Tenderers are advised to visit site to witness exact location of installation of Elevators (Lifts) at Khanij Bhawan, Jaipur. No claim on this account will be entertained by the company at any point of time.

The equipment to be supplied under the contract/order should be new, unused, of current design & not likely to be discontinued or become obsolete till the life of the offered equipment and shall be free from all defects and faults in material, workmanship and shall be of the highest grade. The equipment will be in consistent with the established, recognized or stipulated standards for materials of the type ordered and in full conformity with the specifications, drawings or samples, if any.

8.0 INSTALLATION & COMMISSIONING OF LIFT :

The tenderer will be responsible for Installation, Commissioning & Testing work of the equipment at site. The tenderer shall depute qualified and competent technical & other staff to Supervise, Install, Commission and Testing of the equipment free of cost for suitable man days and for test day running as well as training in operation and maintenance of the equipment at site. Dismantling of existing lifts and taking under buy-back will be under the scope of tenderer.

9.0 PRE-QUALIFICATION CRETERIA:

- i. The tenderer should have minimum turnover of Rs. 22.50 Lac in any one of the immediate three preceding financial years i.e., 2023-24, 2024-25 & 2025-26. Please furnish supporting documents for the same.
- ii. The tenderer shall be either the original equipment manufacturer (OEM); or an authorized dealer/distributor/ channel partner of the OEM (in this case, the bidder shall submit an OEM Authorization Certificate/Undertaking duly signed and stamped by the OEM, authorizing the bidder to participate in the tender and undertake SITC, warranty obligations, and (CAMC) services for the period specified in the tender)
- iii. The tenderer should have successfully completed atleast one project involving the supply, installation, testing and commissioning of elevators with a minimum capacity of 13 passengers within the last three (3) years.

The Techno-commercial suitability of the offers will be ascertained on the basis of pre-qualification criteria, documents submitted along with Part-I of the offer and/or the information gathered by the RSMML about the tenderer. The price offer of only techno-commercially qualified Tenderer(s) will be opened on a later date, which will be informed to qualified Tenderer(s) only . The decision of the Company shall be final and binding in this regard.

10.0 CONSIGNEE:

The GGM(Lig.),
SBU&PC(Lig.), RSMML Ltd.,
Khanij Bhawan, Jaipur



11.0 RSMML's RIGHT:

The Company reserves the following rights at its sole discretion without assigning any reason thereof:

- a) to reject any or all the tenders received.
- b) to accept a tender either for the total scope of work or part thereof & not to accept the lowest tenderer.
- c) To accept/reject any tender on technical grounds based on RSMML requirement.
- d) to cancel the tender, postpone it for another date, change the venue of the receipt of the tender.
- e) to increase/decrease the quantity as per work requirement.

The decision of the Company in above regards shall be final and binding on the tenderer. As a result of such change the Company will not entertain any claim whatsoever.

12.0 RATES :

- i) The price should be quoted on-line in Indian Currency strictly in Price Bid (BOQ) Cover – C on f.o.r. destination basis.
- ii) **Tenderer (s) are requested to offer prices strictly in the BOQ uploaded on the site. They should first download the BOQ from the site on their system and after filling it, the same BOQ should be uploaded on the e-procurement portal. Further, tenderers are advised to recheck the filled prices of each item to its correctness before uploading the BoQ on portal. RSMML will not entertain any claim on this account at any point of time.**
- iii) Prices in BOQ are to be quoted as per below-
 - a. **Row no. 1-** Total Charges for Supply, Installation, Testing and Commissioning (SITC) of 2 Nos. Elevators (Lifts) of 13 Passenger with free comprehensive warranty/maintenance of one year under buy back of 2 nos. (13 Passenger capacity (presently in running condition) at Khanij Bhawan, RSMML Jaipur, (Rajasthan). It is clarified that prices are to be quoted for both the machines in BOQ.
 - b. **Row no. 2-** Annual maintenance Charges for 1st year after completion of warranty /free maintenance period of one year. **AMC charges is discounted @ 12% (Twelve percent) per annum for calculation of outgo on NPV basis.**
 - c. **Row no. 3-** Annual maintenance Charges for 2nd year. **AMC charges is discounted @ 12% (Twelve percent) per annum for calculation of outgo on NPV basis.**
 - d. **Row no. 4-** Annual maintenance Charges for 3rd year. **AMC charges is discounted @ 12% (Twelve percent) per annum for calculation of outgo on NPV basis.**
- iv) The quoted price shall be on F.O.R. destination basis inclusive of basic price for Supply, erection, installation, testing and commissioning, Taxes, Duties, Levies,



Packing, Forwarding, Transportation, Insurance, any other Delivery Charges, dismantling and taking of old lifts, charges up to destination. The quoted price will remain firm and fixed till complete execution of the contract.

- v) Timely deposition of GST and filing of requisite tax returns of relevant tax period would be the sole responsibility of the supplier. The supplier will also ensure that necessary credit on this account is available to RSMML in the next month. In case of any discrepancy, where credit is not available to RSMML, then company is free to deduct/recover/retain such amount from the bills of supplier or any other amount due to him/ or from Security Deposit, as the case may be.
- vi) In case of reversal of Input Tax Credit (ITC), imposition of penalty on account of payment of GST and default in filing of returns towards the payment for the work, supplier is liable to pay all such dues to the company, failing which RSMML is free to deduct /recover/ retain such amount from the bills of supplier or any other amount due to him/ or from Security Deposit, as the case may be.
- vii) The bidder shall submit an undertaking with monthly bills bearing GSTIN and HSN/SAC Code that " total GST has been deposited and returns have been filed for relevant tax period."
- viii) In addition, a general undertaking shall also be furnished by the bidder at the time of submission of bid that "as on date, no default has been made by us towards payment of GST and all returns up to the last date of submission of bid have been filed by us."

13.0 PRICE VARIATION:

- i) The agreed price shall remain firm and fixed till the complete execution of the contract. Only variation on account of withdrawal/imposition/changes in structure of Taxes & Duties by the Government which are within the work completion period & directly reflected on invoice will be considered on production of documentary proof.
- ii) Save and except as aforesaid, the tenderer shall not be entitled to raise any claim and/or demand and/or any dispute on account of escalation or raise or increase in the prices of any other item or element.

14.0 NO COMPENSATION FOR ALTERATION OF DELIVERY SCHEDULE OR SUSPENSION OF SUPPLIES:

If at any time before commencement of the supply if the Company, for any reason, whatsoever do not require the whole supply or part thereof as specified in the PO, shall give notice in writing of the same to the supplier and the supplier shall not be entitled for any compensation and/or damage of any kind whatsoever on account for loss or profit etc. nor the contractor be entitled to any claim for compensation for re-scheduling of delivery period.



15.0 DETERMINATION OF LOWEST BIDDER FOR EVALUATION PURPOSE:

- a) The lowest tenderer shall be determined on the basis of total landed price includes basic price, all taxes & duties, transportation, insurance & any other delivery charges etc. up to destination, AMC (EXCEPT GST) considering buy-back of old lifts.
- b) Online comparative chart may not necessarily be generated and if generated, it may not be treated as final because of method of determination of lowest tenderer as detailed above.
- c) **NEGOTIATIONS:-**
 - i) Negotiations may be conducted with the lowest tenderer only. In case of non-satisfactory achievement of rates from lowest tenderer, RSMML may choose to make a written counter offer to the lowest tenderer and if this is not accepted, RSMML may decide to reject and re-invite fresh tenders or to make the same counter-offer first to the second lowest tenderer, then to the third lowest tenderer and so on in the order of initial bidding, and work order be awarded to the tenderer who accepts the counter offer.
 - ii) In the case, when the quotations given by the tenderer during negotiations is higher than the original quotation of the tenderer then the tenderer will be bound by the lower rate originally quoted by the tenderer.
 - iii) In case of negotiations, representative of the tenderer attending negotiations must possess written authority from the tenderer to the effect that he is competent to modify/amend the submitted tender deviations and rates offered by them.
 - iv) In the event the company does not find the lowest quoted rate, acceptable to it, then the tender will be scrapped and may be re-invited, or company may take any other suitable action as deemed fit looking to the exigency of the work.

16.0 WORK COMPLETION PERIOD:

The tenderer is to offer the minimum possible work completion period for the complete work of Supply, Install, Commission & Testing of the offered lifts including 15 days of mobilization period/ commencement of work which should not be more than 4 months. The work completion period will be counted from the date of handing over site by the consignee to the tenderer.

17.0 TERMS OF PAYMENT & PAYING AUTHORITY:

- a) **For supply, installation & successful commissioning of Lift-**
90% payment within 30 days from the date of completion of work i.e. supply, installation & successful commissioning of lifts at site.

Balance 10% within 30 days thereafter.



For Annual Maintenance Contract of Lifts-

100% payment on monthly basis.

b) **i. Billing & Paying Authority for supply & installation of lifts:**

The bill in triplicate along with the supporting documents duly verified by the consignee will be submitted to The Office of GGM (MM), CO, 4 – Meera Marg, Udaipur for payment purpose. The payment disbursing authority is-

The Financial Advisor,
Rajasthan State Mines & Minerals Ltd.
4, Meera Marg, Udaipur-313001

ii. For Annual Maintenance Contract of Lifts-

The bill in triplicate along with the supporting documents duly verified by the consignee will be submitted to GGM of SBU (Lig.) for payment purpose. The payment disbursing authority will be Head of Finance of SBU.

- c) Payment will be made through NEFT/RTGS.
- d) Payment will be made after deducting statutory taxes wherever applicable.

19.0 COMPENSATION FOR DELAYED DELIVERY:

In the event of the tenderer fails to supply, Install & Commission the lifts along with related work & other works as per scope of work of tender within the scheduled work completion period or the stores are rejected, the Company shall be entitled at its option either:

- a) to recover from the supplier as agreed pre determined compensation @ ½% (Half percent) per week or part thereof of the total value (except GST) of work, subject to a maximum of 5% of the total value (except GST) of work,
 - b) either to purchase from elsewhere, without notice to the supplier at his risk and cost full or undelivered part, as the case may be
- OR**
- c) to cancel the contract.

In case of b & c above, the Company will be empowered to purchase stores which are readily available with alternative source to meet the requirement irrespective of the fact whether these are similar or not.

20.0 EXCEPTION & DEVIATION/ ACCEPTANCE OF ALL THE TERMS & CONDITION OF TENDER:

Tenderers are advised to submit their offer based on terms & conditions and specifications contained in the tender document and not to stipulate any deviations. Offer containing stipulations of deviations to the terms & conditions are liable to be ignored. However, in case it is absolutely unavoidable to deviate from tender conditions then the tenderers should mention the deviations at their



~~risk of rejection only in Annexure- II. Deviations mentioned anywhere else in the offer shall be ignored without any consequences.~~

- i) Tenderer should mention the deviations, if any, at their own risk of rejection of their offer.
- ii) Deviations mentioned anywhere else in the offer shall be ignored without any consequences.
- iii) Tenders containing corrections and alterations are liable to be rejected unless all such corrections and alterations are legible, clear and signed by the tenderer. Tenders containing corrections and alterations are liable to be rejected unless all such corrections and alterations are signed by the tenderer.

21.0 ASSIGNMENT:

The contractor shall not sublet, transfer or assign this contract or any part thereof (or any benefit or interest therein and there under) without written consent of the company. But such consent of the company, if given shall not relieve the contractor from any liability or obligation under this contract and the contractor shall be responsible for all acts, defaults and neglects of the sub-contractor, his agents and employees fully as if those are the Contractor 's own acts.

22.0 INDEMNIFICATION:

Except where arising from the negligence of RSMML or RSMML's employees, the tenderer shall indemnify RSMML in respect of any costs or damages, whatsoever arising out of or related to breach of statutes, laws, acts, rules and regulations, damage, accident or loss etc. by the tenderer or tenderers personnel or by claims made against RSMML by third parties in respect thereof.

23.0 TERMINATION:

- a) In case of failure to perform the job as required under this contract or observe breach of any of the terms and conditions by the tenderer, the company shall give a notice to rectify the default or breach within 10 days. Failure to rectify such default/ breach may result in termination of the contract and forfeiture of security deposit without any prejudice to the company's rights to claim damages/costs/loss etc caused by such default/breach. Such termination shall not absolve the tenderer of the liabilities accruing till the date of such termination.
- b) The contract may also be terminated in the event the tenderer is being adjudged insolvent or going into Liquidation or Winding up of their business, or making arrangement with their creditors.
- c) Notwithstanding anything contained herein above, the company in its absolute discretion may at any time terminate the order without assigning any reason thereof by giving Fifteen day's notice to the tenderer at their last notified address. In such an event the tenderer shall not be entitled to raise any claim or demand for compensation, loss of profit and/or damages and/or losses or costs by reason of such earlier termination on any ground whatsoever.



24.0 FORCE MAJEURE:

At any time, during the continuance of the contract, the performance in whole or in part by either party (sub-vendors excluded) and/or obligations under this contract shall be prevented or delayed by reason of any war, Hostility acts of public enemy, civil commotion, sabotage, fires, floods, explosion, epidemics, quarantine restrictions, non-performance due to Acts of God or Acts of Government/statutory bodies (herein after referred as "Event") then provided a notice of the happening of any such event is given within seven days from the date of occurrence thereof neither party shall by reason of such event be entitled to terminate this contract nor shall either party have any claim for damage against the other in respect of such non-performance or delay in performance and the deliveries and/or performance of the work under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist and decision of Company as to whether the deliveries and/or performance of the work have been so resumed or not shall be final and conclusive. Provided further that if the performance in whole or in part is delayed by reasons of any such events for a period exceeding thirty days either party may at its option terminate the contract.

25.0 JURISDICTION:

The contract is subject to the jurisdiction of courts at Udaipur only in the state of Rajasthan.

For RAJASTHAN STATE MINES & MINERALS LIMITED,

For *WJ*
13/7/26
GGM (MM)

I/We have studied the above terms and conditions and having understood the same in true sense and spirit, I/We shall abide by and adhere to the above terms and conditions fully.

Signature of Tenderer with official stamps

Place & Date:



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27
GENERAL PROFILE OF TENDERER

1	Name & address of the tenderer with Telephone No., Mobile no. Fax No., e-mail address etc.			
2	Date of establishment.			
3	Whether Proprietor/Partnership/ Company			
4	Name of owner/partners Directors with full address.			
5	Name of the Manufacturer of Offered Lift			
6	Annual turnovers in rupees for last three years.	2023-24	2024-25	2025-26
7	PAN No.			
8	GSTIN No.			



9	HSN Code of offered item	
10	Entrepreneurs Memorandum no. as per MSMED Act 2006 Nature of Activity (manufacturing/Service) Category of Enterprise: (Micro/ Small/ Medium)	
11	Banker details: i) Name ii) Branch No. iii) Address	
12	Bank Account No.	
13	Type of A/c : Saving / Current/CC/ any other	
14	IFSC code	
15	Offered work completion Period for complete work as per scope of work and terms of tender.	
16	Details of the offices from where after sales services will be provided	

Date & Place:

Signature of tenderer with official stamp



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

UNDERTAKING TOWARDS ACCEPTANCE OF ALL TERMS & CONDITIONS OF TENDER

Name of Tenderer_____

We confirm that all the terms & conditions of tender is acceptable to us except the following.

Tenderer may stipulate here exceptions and deviations to the tender conditions, if considered unavoidable. In case the tenderer does not mention any information to the deviations in the below format & furnish it blank then it will be presumed that the tenderer is not offering/ putting any deviations to the tender terms & condition. Tenderer should mention the deviations, if any, at their own risk of rejection of their offer.

Sl.No.	Tender Clause no.	Requirement as per tender clause	Offered condition/ Deviation

Company may accept or may not accept the deviations put by the tenderer at its sole discretions. No claim on this will be entertained.

Note: Deviation to the tender terms, if any, mentioned anywhere else (i.e. in any other document furnished in support of tender will not be considered & accepted. RSMML will not entertain any claim of the tenderer on offered deviations mentioned anywhere else.

Signature of tenderer with official stamp

Date:

Place:



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

UNDERTAKING TOWARDS NON-SUSPENSION/NON-BANNING /GST/LICENCES.

Name of the Tenderer: _____

- a) We hereby declare that we have not been banned/suspended or de-listed by RSMML or any other procuring entity in past as per provisions mentioned in annexure-A.
- b) We undertake that "as on date, no default has been made by us towards payment of GST and all returns up to the last date of submission of bid have been filed by us."

Signature of Tenderer with official stamp

Place:

Date:



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

Declaration for Registration under Micro, Small & Medium Enterprises Development Act, 2006.

1. Whether the tenderer is registered under Micro, Small & Medium Enterprises Development Act, 2006. _____(Yes/NO).
2. If yes, please furnish the declaration given below.
3. We (Name of Tenderer _____), hereby declare that, our organization is registered under Micro, Small & Medium Enterprises Development Act, 2006 as _____ (Micro, Small & Medium) Enterprises having entrepreneurs Memorandum no.and under category of(Manufacturer/Service).
4. **Enclose attested copy of registration certificate under MSME having entrepreneurship no.....**

Signature of tenderer with official stamp

Date:

Place:



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

DETAILS OF TAXES & DUTIES OFFERED IN PRICE BID

Name of Tenderer_____

Particulars	CGST	SGST	IGST
% Rate considered in price bid	@.....%	@.....%	@.....%

Signature of tenderer with official stamp

Date & Place:



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

Check-list to technical specifications

Required Makes- Johnson Lifts & Escalators/ Kone/ Schindler/ OTIS/Mitsubishi Electric/Thyssenkrupp make conforming to IS 17900 with latest amendments.

Offered make Out of the mentioned makes in tender- Model.....

Description		Agreed/Deviation, if any. Please tick against each point towards acceptance
1. Name of Item and Work: Supply, Installation, Testing and Commissioning (SITC) of 2 Nos. Elevators (Lifts) & buy back of 2 nos. old lifts with Comprehensive Annual Maintenance Contract (AMC) for 3 years at Khaniij Bhawan, RSMMML Jaipur, (Rajasthan) 2. Quantity: 2 Nos. Elevators (Lifts) 3. TECHNICAL SPECIFICATIONS:		
S.No.	Technical Specifications	
GENERAL		
1	Lift Type	Electrically operated Passenger Elevator, Machine room type, gear type.
2	Rated Capacity Persons / Kgs / Class of Loading	13 Persons / 884 Kgs



3	Rated Speed m/s	1.25	
4	Number of stops / openings	7 - 7	
5	Floor Designation	B+G+5	
6	Access Sides Inline/Thru Type	1 (One), In Front Only	
7	Floor Display Character (Entrance Position)	B(F),G(F),1(F),2(F),3(F),4(F),5(F)	
MACHINE AND CONTROLLER DETAILS			
1	Machine Location / Type	Electrically operated Passenger Elevator, Machine room type, Gear type.	
2	Drive System	Micro Processor Based VVVF - Closed Loop	
3	Control system	Microprocessor Based Duplex Selective Collective Control With / Without Attendant	
4	Main Power Supply	AC 3 Phase, 50 Cycles, 415 Volts $\pm 10\%$	
5	Light Power Supply	220 Volts 50Hz LNE	
SHAFT DETAILS			
1	Shaft Type	RCCRB - Reinforced Cement Concrete With Red Brick	
2	Shaft Width mm X Shaft Depth mm	2400 X 2200 The actual height shall be measured at the site.	
3	Overhead mm	5400	



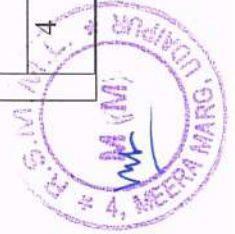
4	Pit Depth mm	1600	
5	Travel Height (in Meters)	24, The actual height shall be measured at the site.	
6	Shaft Reduction Channel	Not Required ECRJ0101305	
7	Shaft Reduction Channel Weight (in Kgs)	No	
8	Pit Ladder	Yes	
CABIN DETAILS			
A)	SIZES		
1	Car dimensions (inside L x W x H) mm	1400 X 1500X2200 (As per recommended dimensions of passenger lifts of IS 14665 /IS17900)	
2	Car Door Type Center/Side	Power Operated Centre/ telescopic Opening Sliding Door	
3	Type of Door Drive	Automatic, two panels, center / telescopic opening, power operate and Linear door drive system	
4	Car Door (W X H) mm	900 X 2000, The actual height shall be measured at the site.	
B)	FINISHES		
1	Design Of Lift Cabin	Stainless Steel	
2	Lift Cabin Finish	Honeycomb	
3	Car Door	Stainless Steel	



4	Car Door Finish	Honeycomb	
5	Ceiling Finish	SS Mirror Finish	
6	Ceiling Type	Sleek Small Circular-JLFC 08	
7	Ceiling Light	Led Lights-06	
8	Fan	Cross Flow - Fan	
9	Flooring Type	20 mm Recess By Jpl-Granite Flooring Client	
10	Handrail Type	SS Round Handrail JLHR01	
11	Handrail Location	Rear Side	
12	Car Door Sill	Aluminum	
13	Extra Allowance for Cabin Interior (Kgs)	88.4	
LANDING DOORS DETAILS			
A)	SIZES		
1	Door Type	Centre Opening Sliding Door	
2	Door Size (W x H) mm	900 X 2000	
3	Door Sill	Aluminum	
B)	FINISHES		
1	Landing Door Finish*	1-7-Stainless Steel - Honeycomb	
2	Landing Door Frame / Finish*	1-7-Stainless Steel - Hairline Finish	



3	Main Landing Floor	G	
4	Other Landing Floors	B,1,2,3,4,5	
5	Jamb Type	Slim Frame	
SIGNALIZATION / FIXTURES DETAILS			
A) CABIN OPERATING PANEL			
1	Car Operating Panel Type	Car Operating Panel - JLCP01	
2	Number of Car Operating Panel	1	
3	COP Faceplate Finish	Stainless Steel - Hairline Finish	
4	Button Model	1s4 - Bas 128 (Round)	
5	Car Display	Orange Square Dot-Matrix Scrolling Display-Vertical	
6	Car Display Location	Car Operating Panel	
7	Call Register Signal	Yes	
8	Floor Annunciator	Yes	
B) LANDINGS INDICATORS			
1	Landing Operating Panel Type	Landing Operating Panel - JLLP01	
2	LOP Location	Landing Display On Wall	
3	LOP Mounting Type	Grouting	
4	LOP Faceplate Material	Stainless Steel - Hairline Finish	



5	Landing Display	1-7-OSDM-V	
6	Landing Display Location	1-7-LOP	
7	Call Register Signal	Yes	
8	Stainless Steel Braille Button	Yes	
SAFETY DETAILS			
1	Over Speed Governor	Yes	
2	Door Protection	Infra-Red Door Screen	
3	Counterweight Screen	Inbuilt	
4	Over Load Indicator	Yes	
5	Fireman Switch	Yes	
6	Automatic Rescue Device	Yes	
7	Battery Operated Emergency Alarm Light	Yes	
8	Two Way Intercom with Press & Speak in COP	Yes	

4. CODES AND STANDARDS

The following Indian Standard Specifications and Codes of Practice, currently applicable and updated as of date irrespective of dates given below, shall apply to the equipment's and the work covered by this contract. Wherever appropriate Indian Standards are not available, relevant British and/or IEC Standards shall be applicable.



The elevators shall conform generally to the following IS standards including their Latest amendments or their approved equivalent US/BS/ISO IS 14665: 2000 / IS 17900 Electric Traction Lifts

Part 1: Outline Dimensions

Part 2: Code of practice for Installation, Operation and Maintenance

Part 3: Sec1 Safety Rules; Passenger Lifts

Part 4: Sec 1-9 Components

Part 5: Inspection Manual

IS 2365: 1977 Steel wire suspension rope for lifts and hoists IS 8216:1976 Guide for Inspection of Lift Wire Ropes

IS 4289: Specification for Flexible Cables for Lifts and Other Flexible Connections

Part 1: 1984 Elastomer Insulation Cables Part2:2000PVCinsulatedCircularCables

1	Code of Practice for installation, operation and maintenance of electric passenger lifts.	IS-14665 (Part 2) Sec-1 : 2000/ IS17900
2	Code of practice for installation, operation and maintenance of electric service lift.	IS-14665 (Part 2) Sec-2: 2000/ IS17900
3	Safety Rules Section-1 Passenger and Good lifts	IS-14665 (Part 3) Sec-1: 2000/ IS17900
4	Safety Rules Section-2 – Service Lifts	IS-14665 (Part 3) Sec-2: 2000/ IS17900
5	Outline dimension for electric lifts.	IS-14665 2000 (Part-1):2000/ IS17900



6	Inspection Manual for Electric Lifts	IS-14665 1999(Part 5) : 1999/ IS17900	
7	Electric Traction Lifts – Components	IS-14665 (Part 4) Sec-1 to 9 : 2001/ IS17900	
8	Installation And Maintenance of Lifts For Handicapped Persons (Code of Practice)	IS 15330 :2003	
9	Specification for lift cables.	IS-4289 (Par-1): 1984 Reaffirmed 1991	
10	Specification for hot rolled and slit steel tee bars.	IS-1173-1978 Reaffirmed 1987	
11	Method of loading rating of worm gear.	IS-7443-1974 Reaffirmed 1991	
12	Code of practice for selection of standard worn and helical gear box.	IS-7403-1974 Reaffirmed 1991	
13	Isometrics screw threads.	IS-4218-(Part-II)1976 Reaffirmed 1996	
14	Degree of protection provided by enclosure for low voltage switchgear and control gear.	IS-2147-1962	
15	Classification of insulating materials for electrical machinery and apparatus in relation to their thermal stability in service.	IS-1271-1985 Reaffirmed 1990	
16	Code of practice for earthing.	IS-3043-1987	



17	Electrical installation Fire Safety of Building.	IS-1646-1997	
18	PVC insulated electric cable for working voltage up to and including 1100 volts.	IS-694-1990	
19	Code of practice for electrical wiring and installation	IS-732-1989	
20	PVC insulated (Heavy Duty) electric cables for working voltage up to and including 1100 volts.	IS-1554-1988 (Part-1)	
21	Flexible steel conduits	IS-3480-1966	
22	Accessories for rigid steel conduit for electrical wiring	IS-3837-1976	
23	Boxes for the enclosure of electrical accessories	IS-5133-1969 (Part 1)	
24	Guide for safety procedures and practices in electrical work.	IS-5216-1982 (Part-1)	
25	Conductors for insulated electric cables and flexible cords	IS-8130-1984	
26	Miniature Circuit Breakers	IS-8828-1996	
27	Rigid steel conduits for electrical wiring (Second revisions)	IS-9537-1981	
28	Methods of test for cables	IS-10810-1998	



29	Earth Leakage Circuit Breakers.	IS-12640-1988
30	Molded Case Circuit Breakers	IS-13947-1993
31	General requirement for switchgear and control gear for voltage not exceeding 1000 volts.	IS-13947-1993
32	1100 volt grade XLPE insulated armoured cables	IS 7098
33	Specifications for hoistway door-locks	IS 7754-1975
34	Rules for design, installation, testing and operation of lifts, escalators and moving parts.	IS 1735-1975

In addition, the relevant clauses of the following, as amended up to date shall apply.

- The Indian Electricity Rules 1956
- The Indian Electricity Act 1910
- Fire safety regulations pertaining to lifts

The tenderers shall also take into account local and State regulations as in vogue for the design and installation of lifts. BIS certified equipment shall be used as a part of the Contract.

5. LIST OF RECOMMENDED/ APPROVED ELEVATOR MAKES:

Johnson Lifts & Escalators/ Kone/ Schindler/ OTIS/ Mitsubishi Electric/ Thyssenkrupp make conforming to IS 17900 with latest amendments.

Note: Brochure/ catalogue and Model No. technical details etc of the offered Lift to be enclosed.



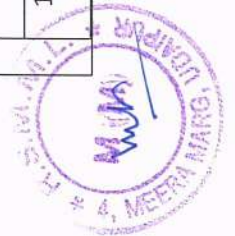
6. Technical Specification of Existing lifts under Buy back (2 nos.)

Buy Back offer:

The bidder shall offer the rate of Buy back of old/existing 2 nos. of OTIS make elevators which are in working condition. The quoted rates shall inclusive of safely dismantling, cleaning of site and transportation of existing elevators.

TECHNICAL SPECIFICATIONS OF THE EXISTING ELEVATOR 884 KGS / 13 PASSENGERS (B + G + 5 upper floors):

S.No.	Description	Specification
1	Type	Electrically operated Passenger Elevator, with machine room
2	Capacity	884 KGS / 13 passenger
3	Duty	Continuous, 12 hours per day
4	Number of landings	7 (B + G + 5 upper floors)
5	Total lift travel Height	22Meters (Approx.)
6	Landings levels	-2.90 M, 0.0 M, 3.6 M, 7.2 M, 10.8 M, 14.4 M, 18 M (Approx)
7	Lift shaft / well size available (inside L x W)	2450mm x 1450 mm approx
8	Pit Height available	1570 mm (Approx.) .
9	Car dimensions (inside L x W x H)	1100mm x 1300mm x 2100mm
10	Door dimensions (clear opening)	800mm width X 2000mm height.
11	Door type	Automatic, two panels, center opening, power operated.



12	Flooring type	Granite flooring	
13	Cabin and landing door finish	SS304 grade	

Note- Free electricity and water will be provided by RSMML.

Signature of tenderer with official stamp

Date & Place:



e_TENDER NO. RSMM_CO_MM_NIT_..._2026-27

Check-list to Scope of work

Description	Agreed/Deviation, if any. Please tick each towards acceptance
<u>SCOPE OF WORK</u> The scope of supply for complete package of replacement of existing OTIS Lifts (2nos) and drive system for the building at Khanij Bhawan, Jaipur shall include the following: 1) Supply, Installation, Testing, Commissioning and handing over satisfactorily working condition of Passenger elevator including providing warranty / free Comprehensive maintenance service for 1 year which shall be reckoned from handing over complete as per specifications and drawing as required, and as below. (i) Passenger Elevator Machine Room type with 13 passenger / 884 Kg capacity, 1.25 m/s speed, ACVVVF control, ARD, SS 304 grade cabin and landing doors honeycomb finish, duplex selective operation. (ii) All Guide rails, Counter Weights, Motors, Gearboxes (speed reduction units), Wheels, power cable, signaling cables, travel cables etc and SITC of Elevators in all respect shall include in the scope of work of the contractor. (iii) No. of stops/openings: Basement + Ground +5 upper floors stops (First + Second floor + Third floor+ Fourth floor + Fifth Floor) all on the same side. (iv) The lift shall have provisions for Barrier free lift for handicapped persons along with provisions for normal passenger lifts as per technical specifications attached.	



	(v) The Lifts shall be with power operated center opening doors for 13 passengers and side opening / telescopic opening for 884 Kgs passenger lift and AC variable voltage & variable frequency controls, Car safety & Governor, Guides, guide rails, ropes, car platform, cabin finishes (Stainless steel), car & landing doors (stainless steel), hoist motors, braking system, Automatic rescue device (ARD) etc. complete as per related IS standards up to date. (vi) Provision of lifts will be made as per National Building code-2016/relevant BIS amended up to date. (vii) Approval and clearance for Pre-installation and post installation (commissioning) shall be obtained by the Supplier/ contractor from competent authorities wherever required including submission of the required drawings and documents along with liaising work. (viii) The Passenger lift with machine room (2 sets) shall be installed in the existing (identified) lift shaft in at Rajasthan State Mines & Minerals Ltd, Khanij Bhawan. (ix) New elevators (2 sets) shall be installed at the existing shaft after dismantling of the existing OTIS (for which quoted for buy back) make elevators. (x) The installation of the new lifts shall be carried out in such a manner that at least one lift (either existing or new) remains in operation at all times to ensure uninterrupted service during the execution period. A. Equipment and Accessories: (i) Replacing of existing OTIS make auto lift with a 884 kg / 13 passenger Elevator, with machine room Elevator with microprocessor based controller with 7 landing (B + G + 5 upper floors) along with ARD system. (ii) GA drawings, wiring diagrams, maintenance checklists, charts, test reports and certificates by competent authority as required by the applicable clause of this specification. B. Services: (i) The scope of work under this contract includes Dismantling of the existing elevators, complete erection, testing and commissioning of the equipment including Liaoning works. (ii) For the erection and complete commissioning as per this specification, all the necessary insulated wiring in conduit sortubing together with necessary fittings, metal boxes, trough sand ducts, trailing cables, suitable earthing for equipment and lift etc, shall be supplied and installed by the contractor in conformity with the Indian Electricity Rules or IS code as and where required. (iii) Scaffolding required for the erection and commissioning of the components shall be arranged by the contractor.
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2) **Car Panels:**SS304 honeycomb finish Panels (including landing and car door) Signals: Call buttons with tell-tale lights at all floors and car position indicator in car and at all landings. Separate call buttons for up/down with digital car position indicators and car direction indicators in all the floor levels Car operating Panel: with buttons and LCD car position indicator seven segment LED/Dot-matrix LCD display Control: Selective collective automatic control as per clause no.3.41.3 of IS:14665-2000, Part 2/ IS 17900 with & without attendant. The control panel shall be outside the shaft well.

3) **Automatic Rescue Device:** The elevator shall be provided with a suitable automatic rescue device system. In case of power failure, the lift shall move to the nearest floor level and the door shall open automatically. ARD shall have auto power cut Off of battery power after 10 minutes of normal supply failure Input Voltage: $415 \pm 10\%$, 3 phase, 50HZ $\pm 5\%$ AC solid ground system. Combined voltage and frequency variation being limited to 10% max (absolute sum).

4) **Other equipment:**

- a) Automatic rescue device with auto cut off of output and ARD system with LED display for charging, low power etc.
- b) Separate battery shall be provided for the emergency alarm and lamp.
- c) A provision for telephone to be connected to our EPBAX/Centrex shall be made i.e Trailing cable should be laid however, telephone cable 2 C shall be arranged by contractor.
- d) Overload sensing device shall be installed for the car and inter faced with the controller.
- e) Infrared based safety shoe devices shall be provided. Full length light curtain for door safety (IR sensor).
- f) Governor for the counter weight also shall be provided. Over load device (OLD) shall be provided at car bottom or at main ropes at car top.
- g) Fireman's drive for safety. Floor announcer and overload warning, battery operated emergency alarm Bell/Light shall be installed
- h) Any other equipment required for safe operation of the elevator light shall be provided in the full length of shaft room between each level



- i) Pit ladder and stop switch shall be provided
 - j) Counter weight guard shall be provided
 - k) Buffer springs for car and counter weight shall be provided
 - l) Inspection panel shall be provided on top of the car
 - m) Pit switches 02nos. shall be provided in the pit for safety during inspection
 - n) Inside lift shaft control cables shall be with cable tray or properly dressed.
 - o) Shaft LED lighting and power socket shall be provided at each floor by the contractor.
 - p) 3 phase input supply with control panel board with indicators, safety device and power distribution to drive shafts along with double earthing shall be made available to the nearby Lift control panel by contractor.
 - q) CCTV inside the CAR, call switches, Phone, Internal touch screen etc should be provided by the contractor. Required cabling for the system shall also be provided for the same.
- 5) Safety features to be provided by the party to the elevator:**
- (a) The intercom device shall be provided in the elevator and shall not be more than 48-Inches from the floor.
 - (b) Raised and Braille floor designations required for all the buttons including door open/close, numbers, fan etc.
 - (c) Emergency call buttons are to be mandatorily provided with raised button and autoglow type.
 - (d) Safety skirt shall be provided at the edge of the frame and the door to prevent finger crushing inside the car and also at different elevations/levels.
 - (e) Pre-recorded voice shall be provided for informing the warnings as well as the information.
 - (f) Fire man switch shall be provided.
 - (g) Fail safe over speed sensor shall be provided.
 - (h) Suitable toughened mirror shall be installed inside the cabin at one end (opposite to the door opening) with all necessary safety procedures.



(i) **INSTRUCTION TO BE DISPLAYED IN HINDI/ ENGLISH IN THE LIFT CARS AND LIFT LANDINGS**
Passenger Lift for Non-Residential Buildings

S.No.	Inside the Car	S.No.	Outside the Car
1.	Lift number	1.	Lift number
2.	Capacitykg. Persons.....	2.	Capacity.....persons.....
3.	No smoking	3.	Please stand in 'Q'
4.	Operate push buttons/ switches correctly.	4.	Smoking not permitted inside the car.
5.	Do not lean against the lift door.	5.	Passenger travel at their own risk.
6.	Watch before stepping out.	6.	Please keep the lift neat and clean
7.	Do not panic in the event of breakdown. Press alarm buttons and follow instructions of authorised staff	7.	Do not force open the landing door.
		8.	Watch before you step into and out of the lift car.
		9.	Heavy article/ luggage not allowed.
		10.	Avoid use of lift during fire.
		11.	Complaints if any may be sent to.....
		12.	Hours of operation.....

6) **GENERAL INFORMATION:**

- (a) The elevator will be installed inside the facility to facilitate movement of men and material to various levels in the Khanij Bhawan Building.
- (b) Elevators shall operate from the lowermost portion of the building (-2.90 m) to the top level and shall be located at identified locations inside the building.
- (c) The elevator shall be equipped with all standard safety systems such as Bell and Cranking incase of power failure, limit switches, indicators, over speed safety governor for car, emergency light fittings, etc.
- (d) **The elevator shall be provided with all the latest gadgets as applicable to modern Elevator.**

7) **GENERAL PERFORMANCE REQUIREMENT:**

The Elevators shall include all elements conforming to specifications or as amended herein. Elevators covered by these specifications shall be provided, installed, tested, commissioned, certified and approved as per statutory requirements of Lift Inspectorate.



Each Elevator shall have its own driving machine. The method of drive shall be Electric Traction motor having ACVVVF Control.

The design of the Elevators shall take into consideration fire prevention, elimination of dust and dirt traps, and easy accessibility for cleaning and routine maintenance.

- (a) The elevator shall be designed for arduous duty conditions and shall be suitable for continuous 24 hours round-the-clock operation.
- (b) Trouble-free performance of the elevator incorporating the operational, control and safety requirements, as specified, is to be guaranteed.
- (c) The supplier under this specification shall assume all responsibility in proper design and operation of each and every component of the elevator as well as the elevator as a whole. Standards shall be applicable. BIS certified equipment shall be used as a part of the Contract.

8) **ELECTRIC SUPPLY**

The available system of electric supply is 415volts+10%-20%, 3phase 4wire AC50Hz system and 240 volts +10% -20% between phase and neutral. Power shall be provided at one point to be indicated by the tenderer. All subsequent electrical systems shall be deemed to be included in the scope of this contract.

9) **DESIGN CONSTRUCTION & PERFORMANCE REQUIREMENT**

A. Load

The elevator shall be designed to lift the payload in addition to weight of the car itself and other accessories.

B. Wire ropes:

The number of wire ropes and size of wire rope shall be so chosen that highest factor of safety is achieved as per standard

C. Car frame:

Lift cars shall be carried in a complete frame of steel which shall be sufficiently rigid. The car structure shall be of stainless steel with the latest self-design supplier shall forward the designs available so as to select the best suited one after receiving order. Four renewable guide shoes with renewable



linings or a set of roller guides shall be provided, two at the top and two at the bottom of the car frame. Self-lubrication provision shall be provided for the guide shoes.

10) ELECTRIC TRACTION DRIVE SYSTEM

A. Traction Machine

The construction of all Elevator machines shall conform with IS-14665 /IS17900 with latest amendments.

B. Controller

Controller shall house all equipment accessories required for satisfactory and trouble free operation, protection and control of the lift. All equipment shall be so mounted in the panel that removal and replacement of any equipment may be accomplished individually without dismantling or interfering with other equipment mounted on / within the panel and panel shall have necessary cooling arrangement.

All cables terminals shall be suitably marked. The wiring for the control circuits shall be separated from that of the main power and lighting circuits by running it in separate trunking or conduits.

Memory switches/ devices shall be installed in the lift shaft such that the controller can recover the car position from the next nearest landing.

For testing purposes, a control station shall be fitted on top of the car and when this is in use it shall not be possible to control the car from any other position. Necessary interlocks for this shall be included. The station shall also have an emergency stop switch and switches for up / down movement of the car in inspection mode. Also in inspection mode, the car shall not move until all safety devices are in position.

The controller schematic diagram and complete wiring diagram of the elevator shall be supplied during commissioning Interface device for programming the I/O cards, EPROM etc. shall be supplied along with the elevator.

11) Brake:

- a) The Electro-magnetic brake with non-asbestos lining shall be spring applied and electrically released type having noiseless operation.



- b) The brake shall be capable of stopping and holding the Elevator car in its downward travel to rest with 125% of its rated load from the maximum governor tripping speed. In this condition the retardation of the Car shall not exceed that resulting from the operation of the Safety gear or stopping on the buffer.
- c) Springs used to apply the brake shoes (two nos.) shall be in compression and adequately supported.
- d) Brake linings shall be of renewable incombustible materials and shall be secured to the brake shoes such that normal wear shall not weaken their fixings. Band brakes shall not be used.
- e) No earth fault, short circuit or residual magnetism shall prevent the brake from being applied in the event of loss of power supply to the Elevator motor and control circuit.
- f) A means of adjusting the brake plunger stroke and releasing the brake in emergency shall be provided.
- g) The Elevator machine shall be fitted with a manual emergency device capable of having the brake released by hand and requiring a constant effort to keep the brake open.
- h) The fail safe break shall incorporate an approved design of brake switch i.e. pick up, hold, discharge. Brake coils shall be wired in series & their respective switches in parallel. The operation of the brake shall be thyristor controlled from solid state drive in order to effect minimum pick up time and synchronized start.

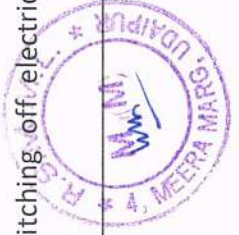
12) Driving Mechanism

A. Lift Machine:

The lift machine shall be suitable for 415 volt 3 phase 50 Hz AC supply with a voltage variation of +10% and -20% and shall be placed directly above the hoist way on steel beams resting on the machine room floor slab.

The lift machine shall have high efficiency and low power consumption and shall be designed to withstand peak currents in lift duties.

Means for manual operation of the lift car shall be made by providing a winding wheel suitably marked to indicate the direction of the movement to enable the lift car to be brought to the nearest landing. There shall be a warning display for switching off electrical supply before the manual operations.



B. Driving Sheaves:

1. The sheaves shall be manufactured in steel or SG iron and fitted with sealed for life lubricated bearings.
2. The sheaves shall have machine dropegrooves that can be reworked for future wear.
3. Adequate provision shall be made to prevent any suspension ropes leaving the groove due to rope slack or introduction of foreign objects.

C. Alignment:

1. The brake plunger, collar, sleeve, motor, sheaves and all bearings shall be mounted and assembled so that proper alignment of these parts is maintained.
2. The assembly shall be reviewed and rectified when excessive noise is emitted during operation.

D. Anti-Vibration Supports:

The whole traction machine shall be mounted on appropriate anti-vibration supports to minimize noise and vibration.

13) CONTROL SYSTEMS**(i) Description**

The elevator control, i.e., the system governing starting or stopping the elevator machine, determining the direction of travel, regulating the rate of travel, regulating the rate of acceleration and de acceleration, and controlling running speed of the moving through VVVF drive Control.

The operation of the elevator i.e. method of actuating the control shall be Selective collective Automatic Operation as per clause 3.41.3 of IS: 14665-2000 Part 2, with and without attendant and VIP operation. All accessories required for the collective operation as outline therein, namely selector and its driving shall be furnished complete.

The Lifts shall have state of art microprocessor based AC variable voltage variable frequency (ACVVVF) drive. Single lifts shall be provided with directional collective control for one car, two cars (also called simplex, duplex full collective control and automatic group supervisory control). The control system shall regulate dispatching of individual cars and shall provide service to all floors as



different traffic conditions arise minimizing unproductive factors. The system shall respond automatically to UP and DOWN peak, balanced or light traffic etc.

Some of the technical parameters required are innumerate below.

- a) Starting current : 1.2-1.5 times full load running current
- b) Power saving: 50-55%
- c) Leveling accuracy : 3mm(passenger/service lifts)
- d) Rate of acceleration/deceleration(M/S^2) : 0.6-1.5(Adjustable at site)
- e) Maximum jerk(M/S^3) : 0.7-1.5(Adjustable at site)
- f) Maximum vibration in car horizontal/vertical: 20/18dBA
- g) Maximum noise level in car during travel : 45dBA

The controller shall be mounted on the side of the top of lift shaft, vertical, totally enclosed cubicle type with hinged doors on the front provide easy access to all components in the controller. Cubicle shall be well ventilated such that the temperature inside never exceeds the safe limits of the components at ambient room conditions.

The controller shall operate within the supply voltage variation of $\pm 10\%$ of the nominal voltage. The Controller shall include protection against the following abnormalities and shall cut off the power supply, apply the brake and bring the car to a rest in the event of any of the abnormalities occurring.

- a) Over current
- b) Under voltage
- c) Overvoltage
- d) Single phasing
- e) Phase reversal
- f) Earth leakage



14) Features: Control system features are detailed below.

A. Attendant Operation:

All lifts shall be provided with attendant control facilities.

A key switch for change of operation mode shall be provided in a lockable recessed panel on the car operation panel. After gaining control on the lift, the attendant can direct the car to stop at any story. The attendant can also bypass the landing calls (but not cancel them) or reverse the direction of travelling.

B. Automatic By-pass

Load weighing devices located either on the car top or under the car cage shall be provided for all lifts. Whenever the load exceeds 60-70% of the capacity load of the lifts, the lifts shall ignore all landing calls and only respond to car calls

C. Overload device

A load weighing device shall operate when the load in the car exceeds the rated capacity. The operation of the device shall activate buzzer sound and flashing 'overload' signals. At the same time the car doors shall be prevented from closing. When the excess load has been removed from the car, the buzzer alarm shall be muted automatically and the car shall function normally. The sensitivity shall be 30 kg for Passenger lifts and 5% of the contract load for service lifts.

D. Automatic self-leveling

All lifts shall be provided with automatic self-leveling feature that shall bring the lift car level to within ± 3 mm for passenger/service elevators and + 5mm for freight elevators of the landing floor regardless of load or direction of travel. The automatic self-leveling feature shall correct for over travel or under travel and rope stretch.



15) Automatic Rescue Device: The ARD shall have the following specifications.

The elevators shall be provided with a suitable Automatic Rescue Device (ARD) system. In case of power failure during normal operation, the lift shall move and stop at the nearest floor level and the door shall open automatically.

ARD shall be interfaced with the limit switches of lift shaft, so that ARD shall not violate any safety interlocks of the elevator.

A timer shall be installed in the ARD to cut-off power supply from battery bank to drive with following conditions:

- a) Timer shall get activated after incoming power interruption
- b) ARD shall come into operation, move the car to the nearest landing and keep the doors open
- c) After 10 minutes of power interruption, power supply from battery bank shall be isolated
- d) If incoming power is resumed, power supply between battery bank and ARD shall be enabled and timer shall be reset.
- e) ARD should monitor the normal power supply in the main controller and shall activate rescue operation within 10 seconds of normal power supply failure. It should bring the elevator to the nearest floor at a slower speed than the normal run. While proceeding to the nearest floor the elevator will detect the zone and stop. After the elevator has stopped, it automatically opens the doors and parks with the door open. After the operation is completed by the ARD the elevator is automatically switched over to normal operation as soon as normal power supply resumes.
- f) In case the normal supply resumes during ARD in operation the elevator will continue to run in ARD mode until it reaches the nearest landing and the doors are fully opened. If normal power supply resumes when the elevator is at the landing, it will automatically be switched to normal power operation.
- g) All the lift safe ties shall remain active during the ARD mode of operation
- h) The battery capacity should be adequate so as to operate the ARD at least seven times a day provided the duration between usage is at least 30 minutes.



16) CAR ENCLOSURES:

A. General Requirements

The car shall be enclosed on all sides by means of car body and door. The sides of the car shall be lined with heavy stainless steel gauge sheet panel with latest designs properly braced and reinforced. The enclosure shall be flush on the inside and securely fastened to the platform. The car shall be equipped with stainless steel handrails on the rear side, fan with grills and suitable LED lighting.

All latest fittings shall be incorporated. Lighting inside the car shall be through LED down lights with sufficient illumination levels and light fittings shall be flush with the ceiling. The light shall be left 'ON' during the whole time of use. Necessary provisions shall be made for adequate ventilation of the car. Ventilation openings shall be provided in the enclosure walls as per requirement of IS:14665 Part 2 with latest amendments. A separate switch has to be provided in the car for the fan installed in the car. Sufficient air flow shall be ensured inside the whole of the elevator. For meeting this requirement, one no. of fan shall be provided. To reduce noise levels inside the car, blower type air circulators also may be considered.

B. Car platform

It shall be constructed of structural steel shapes securely fastened with steel flooring covered with Granite flooring. The platform shall be designed on the basis of rated loads evenly distributed. The car floor shall comprise a smooth but non-slippery surface. Since the car levelling devices will be used, substantial aprons of sufficient depth shall be fitted to the car floor to ensure that no space is permitted between the threshold and the landing while the car is being levelled to a Floor.

C. Car Roof

Car roof shall be covered with sheet metal to prevent dripping of lubricants from ropes-sheave bearings. The top flooring shall be of steel. A three pin plug socket with a switch for headlamp shall be fitted on the top of the car for use during maintenance. The roof shall be strong enough to support at least two persons.



D. Car Door

The elevator car shall be provided with center/ telescopic opening horizontally sliding type doors (Linear door drive system) based on the site condition. The door of the elevator shall open at all the platform levels on one side only, Car door shall be made up of stainless steel to match that of the car design. It shall have a clear opening of 900mm width X 2000mm height. Car and door panels shall be stainless steel honeycomb finish.

E. Frame

Every lift car body shall be carried in a steel car frame assembly which shall have sufficient mechanical strength to resist the forces applied by the safety gear or impact to the car on the buffers.

The deflection of the steel members carrying the platform shall not exceed 1/1000 of their span under static conditions when the rated load is evenly distributed on the platform

At least four renewable guide shoes or shoes with renewable linings or sets of guide rollers shall be provided two at the top and two at the bottom of the car frame assembly.

17) Enclosure finishes

The car enclosure, doors etc. shall be as per the following are to be provided.

A. Alarm System: An emergency alarm buzzer, including wiring shall be provided and connected to a plainly marked push button in the car operating panel. The alarm bell shall be located in the central security room. The alarm unit shall be solid-state siren type, to give a waxing and waning siren when the alarm button in the car is pressed momentarily. Built-in 3 way intercom system with telephone instrument in the car, reception and security, (as directed by Owners/Architect) including wiring telephone instrument and associated EPABX/Centrex shall be provided.

B. Sealed Maintenance Free Batteries capable of maintaining the following in the lift for 2hrs if mains failure.



i) Emergency light of adequate illumination in side the car

ii) Car Ventilation

iii) Intercommunication System

iv) Alarm bell

C. One no. a 16 amp switch socket outlet and a permanent weather proof type luminary (with lighting switch) adequately protected shall be provided on the top of the lift car for maintenance.

D. One no. 16 amp switch socket outlet at bottom of lift car for maintenance.

18) Operation Panel:

A full length car operating panel incorporating following control/indications shall be provided in the lift on the return panel

i) LED Illuminated touch push buttons of micro pressure type corresponding to the floors served.

ii) Door open and door close button

iii) Two position key operated switches for 'with attendant' and 'without attendant' operation.

iv) Ventilation fan ON/OFF switch with auto OFF when there is no call after 120 seconds (Two Speed & concealed vents).

v) Built in intercom of the hands free type as well as space for providing EPABX / Centrex telephone instrument and 5 pair telephone trailing cable to communicate from car.

vi) Dynamic car direction display

vii) Car position indicator(digital)

viii) Audio/Visual overload warning indicator

ix) In order to have at least one device of communication functioning at all the times, as an alternative arrangement, it is recommended that the provision of both i.e. telephone with minimum connections-one at the operator's room and other at guard room and the emergency signal with rechargeable batteries as source of supply be made in the lift cars.

	x) The device used for emergency signals should incorporate a feature that gives immediate feedback to the car passengers that the device has worked properly and the signal has been passed on to the intended agency. xi) Digital voice synthesizer for announcing special messages with back ground music. · Stop button shall be on top corner of operation panel and shall be inactive mode 19) Push button station and call-registered tell-tale lights at hoist way A single 'up' or 'down' push button at terminal landings and 'up' and 'down' push buttons at each intermediate landing including call register lights for push buttons shall be provided. These shall remain illuminated until the call is answered. Push button stations shall have a display of the car position. Alternatively, display of the car position shall be provided above the landing door level. Call register lights shall be of LED seven segment display type. 20) Safety shoe device on car door/ sensor Safety shoe device shall be furnished on the car door. Safety shoes shall extend to the full height on the closing edges of the both halves of the car door. The arrangement shall be such that should the safety shoe sense a person or an object while the door is closing, the car and the landing door shall return to the open position the doors shall remain open for a predetermined interval and then close automatically. The device shall be based on infra-red sensing. 21) Landing fixture The landing fixtures shall be recess mounted on a base junction box in the wall by the side or on top of landing doors as required. Each landing fixtures shall consist of micro touch type landing call buttons with illuminated call acknowledge signal and illuminated digital type car position indicators on separate stainless steel face panels with hairline finish and under maintenance digital indication as well. Alternatives as available with bidders shall be indicated in tender for owners approval. The following landing fixtures shall be provided for each lift. a) Lowest floor
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- i) Up call button
- ii) Digital car position indicators
- iii) Travel direction indicators
- iv) "Inuse" indicator to signify the lift door is opened for delivery at a certain landing
- b) All floors other than lowest and top most floor
 - i) Button up and down call buttons
 - ii) Travel direction indicators
 - iii) Digital car position indicators with Gong(Optional)
 - iv) "Inuse" indicators to signify the lift door is opened for delivery at a certain landing
 - v) Manual by pass key switch for lift landings.
- c) The top most floor
 - i) Down call button
 - ii) Travel direction indicators
 - iii) Digital car position indicators with Gong(Optional)
 - iv) "Inuse" indicators to signify the lift door is opened for delivery at a certain landing
 - v) Manual by pass key switch for lift landings.

22) CAR AND LANDING DOORS

A. General requirements

Horizontally sliding type stainless steel doors having a clear opening of 900mm wide X2000mm (min) high. All cardoorsshall extend to the full height and width of the landing opening unless otherwise specified and shall be operated with variable frequency door operator. A similar imperforate door shall be provided for every landing opening in the lift hoist way enclosure. The top track of the landing and car doors shall not obstruct the entrance to the lift cars. All car and landing doors shall have a fire resistance of not less than 1 hour.

In addition, all the car and landing doors shall meet the following general requirements.

B. Door Operation

The doors operation shall be automatic power opening and power closing. Necessary provision for electricity pedoor operators shall be furnished. The car door and the landing door shall be mechanically connected and shall move simultaneously during opening and closing. Necessary door cushioning devices shall be furnished.



The car door and the hoist way door shall open automatically when the car stops at landings. Should the electric power fail, the door operator shall be so designed that the doors can be manually opened and the same shall be possible only at landings.

a) Car door locking devices:

Every car door shall be provided with an electrical switch to prevent the lift car from being started or kept in motion unless the car door is closed. A mechanical locking device shall also be provided to prevent door opening from inside the car whilst the car is in motion.

b) Landing door locking devices:

Every landing door shall be provided with a mechanical locking device to prevent opening of the door from the landing side in normal cases unless the lift car is in that particular landing zone.

c) Projections and recesses:

Sliding cars and landing doors shall be guided on door tracks and sills for the full travel of the doors. The distance between the cars and the landing sills shall not exceed 35 mm.

d) Door locking devices:

All doors locking devices, door switches and associated actuating rods, levers or contracts, shall be inaccessible from the landing or the car.

e) Protective devices:

Protective devices shall be fitted to the leading edges of both car door panels. It shall automatically initiate reopening of the door in the event of a passenger being struck (or about to be struck) by the door in crossing the entrance during the closing movement. The obstruction of either leading edge when closing shall actuate the protective device to function.



f) "Door open" alarm

"Door open" alarm shall be provided in the car to initiate an alarm and a continuous buzzer if a car or landing door has been mechanically kept open for a present period. The period shall be adjustable from 0-10 minutes.

g) Emergency landing door unlocking devices and key:

Every landing door shall be provided with an emergency landing door unlocking device. When operated by an authorised person with the aid of a key to fit the unlocking triangle, the landing door shall be unlocked irrespective of the position of the lift car for rescue purposes. When there is no "unlocking" action, the key shall only be able to stay in the locked position.

In the case of coupled car and landing doors, the landing doors shall be automatically closed by means of weight or springs when the car is outside the unlocking zone.

C. Door Hangers and Tracks

The car and the landing doors shall be provided with two point suspension sheave type hangers complete with tracks. Sheaves and rollers shall be steel with moulded nylon collar and shall include shielded ball bearings. Tracks shall be of suitable steel section with smooth surface. The landing doors entrance shall be complete with extracted stainless steel / aluminium sills, strut angles, headers, frames etc. as required.

D. Lift Door Protection

Multiple-Infrared door protection and mechanical shoes shall be provided for all lifts to control door movement which shall cover the entire door opening effectively.

E. Cabin Fan

A noiseless pressure fan (two speed and concealed vent) shall be provided in the lift cabin with manual and auto options.



23) Guide rails

Guide rails shall be in accordance with clause 3 of IS 14665 (Part 4- Sec 2) 2000. Only machined guide rails shall be permitted for cars for passengers and hospital lifts. Formed sheet metal rails shall be used upto speeds of 1.75 mps for counter weight applications.

The guide rails shall be continuous throughout the entire travel and shall withstand without any deformation the action of safety gear with a fully loaded car.

Generally the guide rails shall be supported by brackets secured to the hoist way frame at each floor. The rails shall be securely fastened to the brackets or other supports by approved heavy rail clamps. All necessary guide rails packing or additional supports shall be provided to prevent guide rail deflection and stresses exceeding the prescribed limits. The stresses on the guide rail due to the horizontal forces imposed on it during loading, unloading and running calculated without impact, shall not exceed 1100 kg/sq. cm based upon the class of loading and the deflection shall not exceed 5mm. The guide rail brackets, their fastenings and supports shall be capable of resisting the horizontal forces mentioned above, with the total deflection at the point of support not in excess of 3mm.

Guide rails shall extend from pit floor to the underside of concrete slabs or grating at top of the lift well. They shall be erected in plumb and parallel with a maximum deviation of 3mm. All shimming required shall be of metal securely held in place. Jointing plates shall be so located as not to interfere with supporting clamps and brackets. The bolts shall be used with spring lock washers. The guide rail anchorage at pit floor must be made without puncturing the water proofing. The expansion joints in the guide rails shall be so designed as to avoid jerks in the lift car. Machined guide rails shall have finished surfaces which shall be coated with corrosion preventive compound which shall be maintained till the commissioning of the installation. Before the car is placed in operation, the preventive coating shall be removed and the guide rails thoroughly cleaned and smoothened.

24) HOIST ROPES

Hoist way material shall be non-flammable (02hrs fire rated) except travelling cables which shall be flame resistant.



A. LiftRopes-IS14665(Part4/Sec8)-2001/ IS 17900

Round strand steel wires ropes made from steel wire ropes having a tensile strength not less than 12.5 tonnes/cm² and of good flexibility shall be used for lift. Lubrications between the strands shall be achieved by providing an impregnated hemp core. The lift ropes shall conform to IS 14665-(Part-4-Sec. 8):2001 and the following factor of safety shall be adhered to.

Rope speed of Passenger Lifts (m/s)	Factor of Safeties
exceeding 0.5 to 1.0	8.6
exceeding 1.0 to 2.0	10
exceeding 2.0 to 3.5	11

B. Rope fastenings:

The ends of lift ropes shall be properly secured to the car and counter weight hitch plates as the case may be with adjustable rope shackles having individual tapers, babbitt sockets, or any other suitable arrangement. Each lift rope shackle shall be fitted with a suitable shackle spring, seatwasher, shackle nut & lock & shackle nut split pin.

C. Guards for Lift Ropes:

Where lift ropes run round a sheave or sheaves on the car and/ or counterweight of geared/ gearless machine suitable guards shall be provided to prevent injury to maintenance personnel.

D. Number & Size of Ropes:

The contractor must indicate the number and size of lift ropes and governor ropes proposed to be used, their origin, type, ultimate strength and factor of safety. The contractor should furnish certificates of ropes from the rope manufacturers issued by competent authority.



25) Counter weights and counter-weight frames:

Counter-weight sections shall be mounted on structural metal frames so designed to retain the weights securely in its place. Counter-weight frames shall be guided on each guide rail by upper and lower guiding members attached to the frame. A substantial metal counter-weight guard of required length shall be provided at the bottom of the hoist way. Balancing rope/chain between car and counter weight shall be noise proof. Rubber moulded balancing wire/chain shall be provided.

The counter weight for lift cars shall be in accordance with clause 6 of IS14665(Part 4-Sec-3) : 2001 and shall be designed to balance the weight of empty lift cars plus approximately 50 percent of the rated load. It shall consist of cast sections firmly secured in relative movement by at least two numbers of steel tierodshaving lock nuts/ split pins at each end and passing through each section and Housed in a rigid steel frame work. Cracked and broken sub weights shall not be accepted. In case interior finishes material exceeds this provision, then the elevator contractor shall adjust the Counter Weight accordingly, however this will be decided and intimated much before the delivery of the elevators.

A. Counter Weight Guards:

Guards of wire metal/mesh shall be provided in the lift pit to a suitable height above the pit floor to eliminate the possibility of injuries to the maintenance personnel.

B. GUIDES / Guide Rails:

Guides for car and counter-weight

Car and counter-weight guides shall be of rigid steel and shall be continuous throughout the entire length and shall be provided with adequate steel bracings and stiffeners. Guide for both car and counter –weight shall meet the requirements of IS: 4666. Necessary lubrication devices for rails shall be provided.

Support for car and counterweight guides shall be derived from the RCC structure of lift shaft. Supports shall be fixed to the RCC using anchor fasteners of sufficient pull out capacity, depending on the loads experienced due to guide rails.



26) TRAILING CABLES

A single trailing cable for lighting control and signal circuit is permitted as well as EPBAX/ Centrex communication, if all the conductors of these trailing cables are insulated for maximum voltage running through any one conductor of this cable. The lengths of the cables shall be adequate to prevent any strain due to movement of the car. All cables shall be properly tagged by metallic / plastic tags for identification.

Trailing cables shall run from a junction box on the top of the car to a junction box located in the shaft bear midpoint of travel and from these junction boxes conductors shall be run to the various locations.

Trailing cables exceeding 30 meters in length shall run so that the strain on individual cable conductors will be reduced to a minimum and the cables are free from contact with the car counterweight, shaft walls or other equipment.

Trailing cables exceeding 30 meters in length shall have steel supporting fillers and shall be suspended directly by them without rubbing over other supports.

27) Safety Gears/devices

The elevator shall be ensured with one or more safety devices capable of stopping and sustaining the lift car with full rated load in the car at governor tripping speed. The counter weight also shall be provided with the safety device to ensure that it is stopped in case of accidental over-speeding/over travel.

Car shall be fitted with an overload sensing device. If overload is sensed, the controller shall not allow the car door to close. Also audio alarms shall be made to alert about overload. The safety gears shall meet the requirements of IS14665,Part-4. Safety devices shall be capable of operating only in the downward direction and stopping fully loaded cars, at the tripping speed of the over speed governor, even if the suspension devices break, by gripping the guides, and holding the car there. Governor sheave in the elevator pit shall be enclosed in a wire cage to a height of 2.40 mtr.All safety devices statutorily required by Lift Inspector, including but not restricted to the following shall be provided.



28) Terminal limit switches and final limit switches;

Terminal limit switches for normal operation shall be provided to slow down and stop the car automatically at terminal landings and final limit switches shall be furnished to automatically cut off the power and apply the brake, should the car travel beyond the terminal landings. A stop switch shall be fixed on the pit at suitable height.

A. Terminal slow down switches:

These shall be provided and installed to slow down the lift car when approaching the top and bottom landings. The slowdown switches shall act independently from the normal car operating device.

B. Over travel limit switches:

These shall be provided and installed to stop the car within the top and bottom clearance, independent of the normal car operating device. The bottom over travel limit switch shall become operative when the bottom of the car touches the buffer. When the over travel limit switches are operative, it shall be impossible to operate the car until the car has been hand wound to a position within the normal travel limits.

C. Pit Switch

An emergency stop switch shall be located in the pit which when operated shall stop the car regardless of the position of hoist way.

D. Terminal Buffers

- i) The terminal buffers shall be furnished for stopping the car and the counter weight at the extreme ends of travel. All structural steel members required to install the buffer shall be supplied under this specification.
- ii) Elevator pit is provided above pile caps of about 1.5 m height RCC foundation. Hence terminal buffers can be installed directly over the pit surface. Fixing of buffers using anchors/ fasteners or suitable means is in the scope of the contractor.
- iii) A ladder shall be provided on the bottom floor to the pit.



Suitable spring buffers mounted on RCC foundation blocks shall be provided in the pit in compliance with ANSI/ASME/CENEN-81/JIS codes for stopping the car in case of mal-operation. Dowels for the purpose shall be left while casting the pit floor alternatively floor reinforcement could be exposed by chipping for welding additional reinforcement for Dowels. However clearance from under side of the car resting on a fully compressed buffer shall not be less than 1.20 mtr. Buffers shall be designed for a design speed +15%.

29) Interlocking:

Adequate interlocking is to be provided so that the car shall not move if the landing doors are even partially open and also the lift is overloaded.

30) Over speed governor

Tripping of the Over speed Governor for the car safety gear shall be adjusted as indicated below:

- a) Not less than 115 percent of rated speed;
- b) For the rated speed of above 1 m/s, the maximum governor tripping speed shall be 115 percent of the rated speed plus 0.25 m/s.

A. Over speed Governor Ropes:

- (a) The over speed governor shall be driven by a very flexible wire rope.
- (b) The breaking load of the rope shall be related by a safety factor of at least 8 to the tensile force produced in the rope of the over speed governor when tripped.
- (c) The ratio between the pitch circle diameter of the over speed governor or pulley and the nominal rope diameter shall be at least 30.
- (d) The rope shall be tensioned by a tensioning pulley.
- (e) During the engagement of the safety gear, the governor rope and its attachments shall remain intact, even in the case of a braking distance greater than normal.
- (f) The rope shall be easily detachable from the safety gear.

- B. Response Time:** The response time of the over speed governor before tripping shall be sufficiently short not to permit a dangerous speed to be reached before the moment of safety gear operation.
- C. Accessibility:** The over speed governor shall be completely accessible in all circumstances.
- D.** The means of adjusting the over speed governor shall be sealed after setting the tripping speed.
- E. Speed Governor over speed Switch and Car Safety Gear Switch:**
A switch shall be provided on the speed governor and operated by the over speed action of the governor for car speeds. Every car safety shall be provided with a switch on top of the car and operated by the car safety mechanism. These switches shall, when operated, disconnect power supply from the driving machine motor and brake before or at the time of application of the safety.

31) Alarm bells

A Concealed suitable alarm bell shall be installed in the ground floor area. The alarm bell shall sound when the alarm bell button in the car operating panel is pressed. The bell shall mute when the pressure on the alarm bell button is released.

32) Emergency Stop Switches

An emergency stop for use by maintenance personnel shall be provided in each lift car.

33) FIREMAN SWITCH:

Each Lift shall have a Fireman switch with glass front for access by the Firemen. The operation of this switch shall cancel all calls to this lift and shall stop at the next nearest landing if travelling upwards. The doors shall not open at this landing and the lift shall return to the ground floor. In case the lift is travelling downwards when the fireman's switch is operated it shall go straight to the ground floor bypassing all calls enroute. The emergency stop button inside the car shall be rendered inoperative.

The fireman's switch shall be located adjacent to the lift opening at the terminal floor and shall be at a height of approximately 2 m above the floor level. For easy identification of fireman's lift which confirms the local authorities requirements, a red and white diagonal striped backing shall be provided behind the glass of the firemen's switch.



A permanent notice of prominent size indicating the floors served shall be provided and displayed adjacent to the firemen's lift at the terminal floor. The notice shall be made of laminated plastic sheet or other approved materials with red letters on white background. Details of the notice shall be submitted to the Engineer-in-Charge for approval prior to fabrication.

34) CONTROL OF NOISE AND VIBRATION

A. General

The whole of the lift assembly, including the opening and closing of the car and landing doors shall be quiet in operation and shall be free of rattling or squeaking noises. Lift doors operation shall be smooth to avoid the transmission of impact noise to the surrounding structure. Noise level resulting from the operation of the lifts, including direct sound transmission, breakout noise and re-radiation of structure borne noise, shall not exceed the specified noise criteria of the adjacent spaces. Vibration resulting from operation of lifts or escalators shall not be perceptible in any occupied areas.

B. Car construction

All elements of the lift car construction shall be sufficiently rigid to avoid generation of noise by panel excitation as a result of movement. The total noise level in a moving lift car shall not exceed 45 dBA with the ventilation system operating.

35) FIRE SAFETY REQUIREMENTS;

General requirements of lifts shall be as follows:

- (a) Landing doors in lift enclosures shall have a fire resistance of not less than one hour.
- (b) Lift car doors shall have a fire resistance rating of one hour.
- (c) Grounding switch (es), at ground floor level, shall be provided on all the lifts to enable the fire services to ground the lifts.



36) ASSOCIATED ELECTRICAL WORKS

A. Scope:

Based on power requirements of lifts furnished by the lift contractor, power supply for the lifts machines, terminating in a Switchboard located at a desired location, shall be provided by the contractor. The earth bar provided on these Switchboards shall be connected to the building earthing system also by the contractor. All cabling/ wiring/loop earthing beyond this Switchboard for interconnection with the lift controllers / motors/ indicators /push buttons / safety devices etc. shall also be provided by the lift contractor and its cost shall be deemed to be included in the quoted rates.

B. Electrical Specifications

- (i) The scope of supply includes all equipment of power and controls to meet the functional requirement as per the control philosophy of the elevator operations.
- (ii) Main power will be made available by TIFR-CAM at one point for the entire power and control requirement. Distribution of power from this point to a power panel and from there to the control panel is in the scope of the supplier.
- (iii) Any other voltage/ power conditioning/ power regulation/ EMI protection required for Electrical and Controls supplied by the supplier, shall be provided by the supplier.
- (iv) Enough number of I/O's shall be provided by the supplier so that 20% spare I/O's are available after commissioning of the equipment.
- (v) Motor selection shall be such that at full load operation, motors shall not draw more than 80-90% of its rated load current. It shall be provided with overheat protection.
- (vi) The equipment offered shall also conform to rules and regulations of the Fire Insurance Authority.
- (vii) Available power supply is 415 V $\pm$ 10%, 3Ph, 4wire, frequency 50 Hz $\pm$ 5% and auxiliary supply is 240 V, 50 Hz, AC.



(viii) All the electrical equipment should conform to latest standard BIS codes and the practices followed for design, installation, testing, commissioning, operation and maintenance. Tests shall also conform to international standards IEC/NDE/DIN/BS. The supplier shall submit all the relevant tests certificate to TIFR-CAM.

(ix) During testing of elevators and critical operations inside the building, generator power shall be provided by the Department. Resistors suitable for generator supply shall be provided for the braking operation of the drive.

(x) Motors shall be of OEM recommended.

(xi) VVVF drive for the controller shall be of OEM recommended make. VVVF drive parameters as per programme shall be submitted to the user. As built drawing corresponding paper indicating wiring diagram shall be submitted to the user, minimum 2 sets of copy of drawing shall be given.

(xii) All cables shall be of FRL Type. Power cables shall be armoured.

(xiii) All the switches, junction boxes, electrical motors in the lift shaft and car shall be IP54 and above rated.

37) Cabling:

Cabling between switchboard and the controller /lift motor shall be with XLPE insulated HR PVC sheathed 1100 volt grade aluminium conductor armoured cables conforming to IS 7098 or PVC insulated, PVC sheathed, 1100 volt grade aluminium conductor armoured cables conforming to IS 1554. Cables shall be terminated in glands fitted with armour clamps the gland body shall be provided with an internal conical seating to receive the armour clamping cone and clamping nuts which shall secure the armour wires. A PVC shroud shall be fitted to cover the gland body and exposed armour wires.

Trailing cables for the lifts shall be EPR insulated stranded copper conductor flexible cables conforming to IS 9968.

Control cabling shall be with multi core stranded copper conductor PVC insulated and sheathed 1100 volt grade cables conforming to IS 8130. Minimum size of the cable shall be 2.5 sq mm.



Where cables pass through walls or floor slabs, pieces of GI sleeves shall be provided for cast into the wall / floor and cable shall be drawn therein. Annular space around the cable in the sleeve shall be sealed with fire proof sealant supplied by Engineer-in-charge.

38) Wiring:

All wiring shall be carried out with FRLS PVC insulated 1100 volt grade stranded copper conductor wires conforming to IS 694 drawn in MS rigid / flexible conduiting system and / or MS raceways. Minimum 2.5 sq mm size wires shall be used. Wires shall be cut only at terminations. Intermediate jointing shall not be permitted. Drawing, cutting and terminating of the wires shall comply with the relevant Indian standard specifications and shall be carried out in the most workmanlike manner as per standard practice. All normal care like cutting the insulation with a pencil edge, taking care not to cut the strands and proper tightening of terminal connector screws to avoid loose connection or breaking of conductors etc. shall be taken.

Heavy gauge black enamelled screw type ISI embossed MS conduits with superior quality accessories approved by Engineer-in-Charge shall be used in the work. Conduits could either be recessed in floors / walls or fixed on the surface with saddles and clamps. Final connections to vibrating the equipment shall be made with metal flexible conduits. Entire work shall be carried out in work man like manner as per standard practice.

39) Earthing:

Metal enclosures of all electrical equipment and devices including frames of motors, controllers, switchgear, conduits and raceways etc. shall be properly earthed so as to form an equi-potential zone. Loop earthing of vibrating equipment shall be done with flexible copper earthing braid or flexible cables. The lift motor frame shall be connected to the building earthing system termination at the switchboard by duplicate loop earthing conductors of appropriate size.

40) ASSOCIATED CIVIL & STRUCTURAL ITEMS:

All necessary civil structures required for the installation of the lift are already in place. However, if



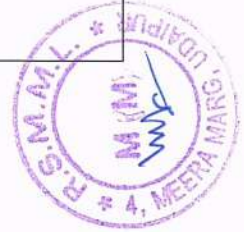
any additional facilities are deemed necessary, they shall be considered within the scope of this tender. The Contractor shall ensure that the erection and installation of steel works are carried out without causing any damage to existing RCC walls or other structural elements. Tenderers are strongly advised to visit the site prior to submitting their offers, in order to assess the suitability and availability of the existing civil structures.

The wall located between both lift shafts shall be finished with plastering work. Also, contractor shall be responsible for all necessary civil works associated with the installation and fitting of landing doors, including cutting, chipping, making openings, finishing, and restoration as required for proper installation.

41) SCOPE OF WORK IN ERECTING:

The scope of work of the supplier covered under this specification shall be as follows:

- A.** Tenderer shall submit the GA drawings including the load details along with the offer.
- B.** Receipt and unloading of the material/ equipment at site with their own men, material, tools and tackles. Demurrage on wagons, if any, due to delay in unloading shall be borne by the supplier.
- C.** Transporting with their own transporters from place of unloading to storage and unloading at storage. Building proper stores and storing in weather protected storage till the completion of erection of the equipment.
- D.** All the supports /beams for guide car, counter weight, machine support beams and erection beams, which are required for erection of lift shall be supplied & erected by the supplier. Only lift well with walls all round will be made ready at site. Necessary provisions for erection of these beams shall be indicated by the supplier along with the technical bid.
- E.** Loading at storage and transportation to the site of erection.
- F.** Unloading at erection site, unpacking of packages and listing damaged / short supply items
- G.** Filling/ applying initial fill of lubricants and oil after cleaning with cleaning fluid.
- H.** Erection, painting, testing and commissioning of the elevator complete with all structural mechanical and electrical equipment.



42) ERECTION

Erection work involves installation of all elevator components in their identified place of installation. The supplier shall carry out the erection and commissioning of complete lift along with all mechanical, electrical and structural components.

All scaffolding works for installation of the elevator shall be carried out by the supplier. Scaffolding materials shall also be arranged by them.

No permanent bolting or welding shall be done until proper alignment has been made.

All erection and installation work shall be carried out strictly as per the relevant code of practice and manufactures instruction manuals, within the required accuracy.

Necessary adjustment to the structure, guides, insert plates etc. of the lift well, if required shall be carried out by the supplier for satisfactory installation and operation of the lift.

Any modification, rectification or repair to the members or equipment which have been damaged during transit, storage and handling shall be made good by the supplier, free of cost, to ensure proper assembly and functioning of the equipment

Major/Minor civil and structural work for fixing and grouting of drives, guides rails, support structures, panels, switches, cables, signal lamps, still plates etc. shall be within the scope of the contractors. Details of civil works shall be communicated by the contractor to RSMML based on requirement for fixing of equipment and erection and commissioning. Water and electricity will be provided free of cost for erection and commissioning of the elevator.

All site welds with the lift well structure shall be carried out carefully by only qualified welders so as not to damage the parent structure specially the load bearing members. Electrodes of approved quality and specification shall only be used.



43) PAINTING

After erection the elevation shall be painted as follow:

Damaged and defective shop coats shall be touched up with the same type of paint as used for shop coats. Requisite quantity of paint and paint accessories of specified quality shall be supplied. Before commencing painting of steel which is delivered unpainted, surfaces shall be dry and thoroughly cleaned from all loose mill scales, rust and foreign matters.

The specified protective treatment shall be completed after erection. All bolt heads and the site welds after de-slagging shall be cleaned. Damaged or deteriorated paint surfaces shall first be made good with the same type of paint as that of their shop coat. Surfaces, which are in contact after site assembly shall receive a coat of paint (in addition to any shop priming) and shall be brought together while the paint is still wet.

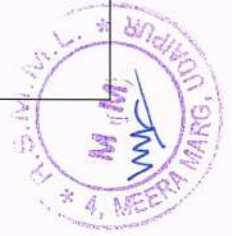
Where the steel has received a metal coating in the shop, the coating shall be completed at site so as to make it continuous over any welds or bolts. This shall be subject to the approval of the department. Blots, which have been galvanized or similarly treated, are exempted from this requirement.

All fasteners shall be galvanized. Surfaces which will be inaccessible after site assembly shall receive the full specified protective treatment before assembly.

44) PROVISION FOR THE DISABLED AND HANDICAPPED:

The Passenger Elevator shall be provided with following features:

- (i) Elevator control buttons at locations and height specified in IS15330-2003
- (ii) Hall call buttons at locations and height specified in IS15330- 2003
- (iii) Handrails shall be provided on the side walls of the Elevator at height & locations specified in IS:15330 - 2003. An international symbol of access of the disabled shall be permanently and conspicuously displayed at each and every Elevator landing next to the Elevator entrance (to be provided by signage contractor). Braille notations indicating the floor levels shall be incorporated next to each button at the handicap COP and handicap hall call buttons.



(iv) A digital voice system for announcing the car position, opening/closing of doors, direction of travel and messages shall be provided as per IS:15330 - 2003

(v) A laminated safety glass type mirror of at least half of the size shall be installed on rear panel at appropriate position as per IS : 15330 – 2003

45) Post Installation Maintenance:

Contractor shall have to ensure/support to provide OEM spare parts for a minimum period of 10 years after end of warrantee period.

46) GENERAL:

A. This section provides details of the Approved makes for bought-out items, which forms part of this enquiry package.

B. BIDDER shall clearly indicate the makes of all bought-out items and shall at no point in time during execution deviate from those indicated in the offer document.

47) SERVICE SUPPORT DETAILS:

The bidder shall furnish detailed information regarding its office(s) located in Jaipur, including the address, infrastructure, manpower, and service facilities available for providing after-sales support. In case the bidder proposes to establish a service centre in Jaipur, details of the proposed facility along with the timeline for achieving operational readiness shall be provided. The bidder shall clearly indicate the location from where after-sales services will be rendered for the supplied equipment.

In the event that the bidder/manufacturer neither has an existing service centre in Jaipur nor proposes to establish one, the bidder shall submit an undertaking confirming that all service requests/intimations from RSMML shall be attended to promptly and that service support personnel shall be deployed at the site within 24 hours of notification by RSMML.

Date:

Place:

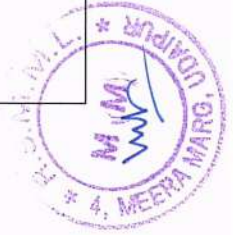
Signature of tenderer with official stamp



e_TENDER NO. RSMM_CO_MM_NIT_..._2026-27

Check-list to GENERAL CONDITION OF CONTRACT

Description	Agreed/Deviation, if any. Please tick each towards acceptance against point
1. Compliance in respect of various Acts: The contractor shall at his own cost, observe, perform and comply with the provisions of the Acts applicable during the execution of the Contract and Rules/Bye-laws as applicable to this work. Non-compliance of the provisions/ stipulations of the those Acts and rules made there will render the Contractor liable to payment of necessary compensation/penalty, as deemed fit by the Company. Note: Tenderers are advised to visit site to witness exact location of installation of Elevators (Lifts) at Khanij Bhawan, Jaipur. No claim on this account will be entertained by the company at any point of time. 2. COMMISSIONING & TESTING OF Lifts: The tenderer shall depute qualified and competent technical & other staff to Supervise, Install, Commission and Testing of the equipment free of cost for suitable man days and for test day running as well as training in operation and maintenance of the equipment at site.	



3. GUARANTEE/ WARANTEE/ FREE COMPREHENSIVE MAINTENANCE SERVICES FOR ONE YEAR:

The date of free Comprehensive warranty/ Maintenance service period of 1 year shall be reckoned from the date of issuance of work completion certificate.

The tenderer shall warrant that the equipment supplied under the contract/order is new, unused, of current design & not likely to be discontinued or become obsolete till the life of the offered equipment and shall be free from all defects and faults in material, workmanship and manufacture and shall be of the highest grade.

The equipment will be in consistent with the established, recognized or stipulated standards for materials of the type ordered and in full conformity with the specifications, drawings or samples if any. This warranty shall survive inspection and acceptance of the goods.

In the event of any defects in materials, design and workmanship during the aforesaid period is found due to faulty design or poor workmanship, the defective part or parts will be replaced by the tenderer at site free of cost within 10 days of settlement of warranty claims. The tenderer will be required to stock spare parts to take care of warranty failures. Spares should be available within 1weeks of the failure being intimated to them. The guarantee/composite warranty shall be submitted along with the bill. The warranty shall cover for the total equipment so that the necessity of having to approach different manufacturers does not arise and all services under warranty clause shall be responsibility of the ultimate tenderer of the composite equipment. Tenderer will also replace the defective parts, if any, during the warranty period free of cost. The responsibility to collect the defective/ rejected material will lie with the tenderer and the cost for such collection will have to be borne by the tenderer.

4. TRAINING:

The tenderer will depute experienced personnel to conduct training of Company's operators, technical and supervisory personnel while handing over the equipment to RSMML. Training should be conducted free of cost & at site.



The training shall cover the following:

- i) The equipment system & safety
- ii) Equipment operation & maintenance
- iii) Troubleshooting, localization of faults and their remedies covering:
 - a) Electrical & electronics,
 - b) Mechanical

Comprehensive training manuals with clear illustration shall be provided to each participant. Training course shall be conducted in both English & Hindi languages as required.

5. SPARE PARTS AND SERVICING FACILITIES:

Acceptance of tender for supply of equipment on this invitation is subject to tenderer certifying that he has adequate servicing and spare parts facilities in India in respect of the equipment and machines tendered by him or that they shall arrange to provide such facilities simultaneously with the supply of equipment. The tenderer has deemed to have undertaken that supplies of necessary maintenance equipment and spare parts will be made available for the life of the machine. The tenderer shall also warrant that if he goes out of production of the equipment, he shall ensure availability of spare parts to us and shall also make available blue print drawings of the spare parts and other specification of the material at no extra cost to us.

The bidder shall provide detailed information including location, infrastructure etc of the office(s) located at Jaipur/ proposed establishment of service center in Jaipur and timeline for operational readiness from where after-sales services will be rendered at the site.

If the bidder/manufacturer does not have or does not propose to establish a service center in Jaipur, an undertaking shall be submitted confirming that services will be provided promptly, within 24 hours of notification by RSMML.



6. INSPECTION & TEST:

- i) The successful bidder shall arrange to test the Elevators (Lifts) at the time of initial commissioning.
- ii) RSMML shall have the right to inspect and/or to test the goods to confirm their conformity to the contract.
- iii) The inspection may be conducted at the premises of the tenderer. However, the final inspection shall be carried out at consignee's end after receipt of the material at site which will be final and binding to both parties. All reasonable facilities and assistance including access to technical data, drawings etc. shall be furnished by the tenderer to the inspector at no charge.
- iv) In case of rejection of any item, the same should be replaced, to meet specification requirements, by the tenderer at their own risk & cost.
- v) RSMML's right to inspect, test and, where necessary, reject the items after the arrival at RSMML site shall in no way be limited or waived by reason of the items having previously been inspected, tested and passed by the RSMML or its representatives prior to the shipment of the goods.
- vi) The inspection/test reports shall in no way release the tenderer from any warranty or other obligations under this contract.

7. INDIAN/ INTERNATIONAL STANDARD:

The offered specification by the tenderer should be based upon Indian standards or equivalent and where no Indian standards exist the supplies should conform to international standards. All electric installations, equipment shall have to conform to Indian Electricity Rules 1956 and as amended from time to time. The equipment covered by specification shall, unless otherwise specified be built to conform to the requirements of relevant standards issued by any of the following and the tenderer should specifically mention in each case the applicability of the relevant latest standard.

1. Bureau of Indian Standard's Standard Codes and specifications wherever applicable. (ISI)
2. Indian Electricity Rule 1956, wherever applicable.
3. Appropriate national Standard Specification of the country of manufacture on approval by the purchaser.
4. Indian Electricity Act. 1910.



8. PATENTS:

Tenders shall warrant that all equipment or material furnished hereunder are and shall be free and clear of infringement of patent and copy right or trade mark prevalent, if any country.

9. OEM Certificate:

If any third party contractor/vendor is participating in the tender, then it is mandatory to submit the Authorization letter from the OEM. The authorization letter from OEM is also required for successful commissioning, services during warranty /free maintenance service period and post warranty service support from OEM to be submitted along with the Technical bid.

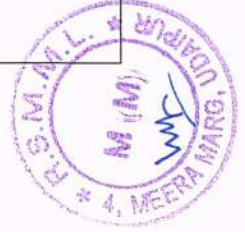
10.COMPLIANCE OF RULES/GUIDELINES OF MINISTRY OF ENVIRONMENT AND CLIMATE CHANGE (MOEFCC).

The Bidder will ensure compliance of the rules / guidelines of Plastic Waste Management (Amendment) Rules, 2021 and its amendments from time to time as indicated in gazette notifications of the Ministry of Environment, Forest and Climate Change (MoEFCC), Government of India & Rajasthan State Pollution Control Board (RSPCB), wherever applicable.

11.SAFETY ASPECTS & PROCEDURE TESTING OF LIFT INSTALLATION:

A. ACCEPTANCE TEST:

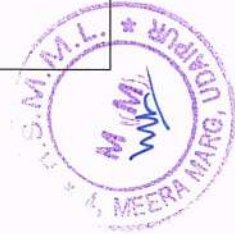
1. The supplier shall inform sufficiently in advance regarding readiness of acceptance tests and commissioning.
2. The tests shall be carried out in presence of the representative of the department.
3. After elevator erection is completed, visual inspection will be jointly made by the manufacturer and the representative of the department. The defects and shortcomings found during visual inspection shall be rectified by the contractor. Wherever required shop tests for performance shall be conducted.



	4. After the supply has been connected and before the elevator is put into normal service, the following tests as per IS: 4666-1980 shall be carried out. 5. Test to determine the insulation resistance between power and control lines and the earth. 6. Test to determine that the motor, brake, control equipment, door locking devices and limit switches and control system function properly. Brake shall be tested with 25% overload with the car at rest. 7. Test to determine that the lift car raises and lowers the rated load. Tests to determine that the safety gear stops the lift with rated load. 8. Prior to commencement of test, detailed procedure of the tests shall be finalized in consultation with the representative of the department. 9. Functioning of all the call buttons and safety interlocks of the elevator. 10. Car level acceptance test: Car shall stop at all levels of floors within ± 12 mm of the landing level. The level shall be achieved with no-load, half the rated load and full load. B. TESTS AT SITE: I. INSPECTION, TESTING AND COMMISSIONING After erection and commissioning at site, the equipment shall be subjected to test as per applicable codes and standards to prove satisfactory performance and safe operation. After supply has been connected and before the elevator is put into normal operation service the following tests as per IS 4666-1980 shall be carried out. i) Tests to determine the insulation resistance between power and control lines and the earth.
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	ii) Earthing test iii) Test to determine the motor, brake, control equipment, door locking devices and limit switches and control system functioning properly. Break shall be tested with 25% overload with the car at rest. iv) Elevator will be tested to 10% overload to its capacity in running condition. v) Test determines that the lift car rises and lowers the rated load. vi) Test to determine that the car achieves the rated speed. vii) Test to determine that the safety gears tops the lift with the rated load. viii) Prior to commencement of test, detailed procedure of tests shall be finalized in consultation with representatives of department. ix) Operation and maintenance manuals shall be provided during commissioning of the elevator x) Thermistor controller: when the temperature of any unit reaches predetermined high temperature warning provision shall be provided in terms of sound or light. xi) Landing sensors: 2 different speed control landing sensors for safe landing shall be ensured in order to avoid inaccurate landing either in up or down direction. xii) Door opening: After the car stops only then the door open button shall be activated. xiii) Over load sensor: on overload sensor shall detect and after detection it shall not allow the car to move up or down. xiv) Out of door opening: Door shall not be open in case the car platform and landing platform are not even. Sounder can be incorporated xv) Floor locking: incase of any emergency floor can be locked preventing topping at different levels. xvi) Light and fan: once the car stops automatically lights and fan shall be put off	
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	xvii) Speed sensor: in case of car travelling at abnormal speed brakes shall be applied and elevator operation shall be ceased xviii) Lift annunciation system with light music and local announcement, overload announcement shall be installed 2. Safety interlock checks during testing and commissioning: i) Door locking: unless the door is locked, the car shall not move. ii) Multi door sensor: on obstruction door shall not close iii) Safety door overload sensor: in case of fingers, objects get stuck in between the doors and the door shall stop and reopen to prevent further damage. iv) Door safety sensor: apart from the door, sensor shall not allow the door to close within its sensing area. 3. Leveling Test: Accuracy of the floor levelling shall be tested with the lift empty, fully loaded. The lift shall be run to each floor while travelling both in upward and down ward directions and the actual distance of the car floor above/below the landing floor shall be measured. In each case there shall not be any appreciable difference in these measurements for leveling at the floors when the car is empty and when it is fully loaded. The tolerances for leveling shall be as $\pm 5\text{mm}$ accuracy. 4. Safety Gear Test: Instantaneous safety gear controlled by a governor should be tested with contract load and a contract speed, governor being operated by hand. Two tests should be made, however, with wedge clamps or flexible clamp safeties, one with contract load in the car and the other with 68 kg (equivalent to one person) in the car. The stopping distance obtained should be compared with specified figures and the guides, car platform, and safety gear should be carefully
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examined afterwards for signs of permanent distortion.

Counterweight safety gear should be tripped by the counterweight governor and the stopping distance noted. In this case, however, the governor tripping speed should exceed that of the car safety governor but by not more than 10 percent.

During the safety gear test, car speed (from the governor or the main sheave) should be determined at the instant or tripping speed with that stated in I.S. The governor's jaws and rope should be examined for any undue wear.

5. Contract Speed:

This should be measured with contract load in the car, with half load with no load, and should not vary from the contract speed by more than 10 percent. The convenient method is by counting the number of revolutions, made by the sheave or drum in a known time. Chalk marks on the sheave or drum and a stop switch will facilitate timing but care must be exercised to ensure that no acceleration or retardation periods are included. If the roping is 2 to 1 the sheave speed is twice the car speed. Alternatively, the speed can be measured by a tachometer applied directly to the shaft immediately below the sheave.

6. Lift Balance:

After the above test, some of the weight shall be removed until the remaining weights represent the figures specified by the tenderer. With this condition car at half way travel the effort required to move the lift car in either direction with the help of winding wheel shall be as nearly as can be judged by the same.

7. Car and landing doors interlock:

The lift shall not move with any door open. The car door relay contact and the retiring release cam must be tested. The working of the door operation and the safety edges and light equipment if any provided shall also be examined.



8. Controllers:

The operation of the contactors and interlocks shall be examined and it shall be ascertained whether all requirements laid down in the specifications have been met.

9. Normal Terminal Stopping Switches:

This shall be tested by letting the car run to each terminal landing in turn, first with no load and then with contract load and by taking measurements, top and bottom over travels can be ascertained.

10. Final Terminal Stopping Switches:

The normal terminal stopping switches shall be disconnected for this test. It shall be ensured that these switches operate before the buffers are engaged.

11. Insulation Resistance:

This shall be measured (after removing the electronic PCB's and their connection) between power and control lines and earth and shall not be less than 5 mega-ohms when measured with D.C. voltage of 500 volts. The test shall be carried out with contactors so connected together as to ensure that all parts of every circuit are simultaneously tested.

12. Earthing:

All conduits, switches, casing and similar metal work shall have earthing continuity.

13. Ropes:

The size, number construction and fastenings of the ropes should be carefully examined and recorded.

14. Buffers:

The car should be run on to its buffers at contract speed and with contract load in the car to test whether there is any permanent distortion of the car or buffers. The counterweight buffers should be tested similarly.



C. Tests at Manufacturer's Works:

- 1. INSPECTION, TESTING AND COMMISSIONING AT MANUFACTURER'S WORKS**
 - i) The manufacturer shall conduct all tests required to ensure that the equipment furnished shall conform to the requirements of this specification and applicable codes.
 - ii) Other test certificates for the controller, equipment, push button stations shall be provided to the purchaser.
 - iii) Manufacturer shall inform the purchaser in case of major shop tests sufficiently in advance so that the representatives of the purchaser shall witness the tests (if required).

2. High Voltage Test:

The dielectric or electric apparatus (excluding motors, generators and instruments which are tested in accordance with the appropriate Indian Standards wherever they exist) shall be capable of withstanding a test voltage of ten times the working voltage with a maximum of 2000 Volts when applied.

- i) Between the live parts and case of frame with all circuits completed.
- ii) Between main terminals or equivalent parts with all circuits open, and
- iii) Between the lift parts of independent circuits.

Note: Owing to the impracticability of applying tests (ii), (iii) mentioned above on controllers and similar apparatus after controller wiring has been completed, these tests may be made at convenient stages of manufacture.

3. Buffer Test:

A copy of the test report shall be intimated after testing at work.

4. Performance Test:

This test if meant for passengers lifts and is conducted to watch the performance of lift installation in terms of passenger handling capacity vis-a-vis design, data and conducted as below:



5. Service Temperature Test :

A continuous run of one hour should be made with a number of starts and stops to reproduce as nearly as practical the anticipated duty in service. (The standard duty cycle is for 90 to 180 starts per hour). It is very difficult in practice to carry out this test with alternate starts at full load and no load and it is necessary therefore to simulate these cycles.

A suitable test for all motors except squirrel cage motors is to run the car up from the bottom landing with contract load and stop at each floor. From the top floor a nonstop run is made to the lowest floor and the upward journey with stop is then repeated. The time intervals between stops and starts at the floors should be uniform such as to give about 180 starts in one hour. At the end of this run the temperatures of the armatures and fields of the motor and generator are recorded. The temperature rise should be within the prescribed limit.

D. CHECKLIST FOR JOINT INSPECTION OF LIFTS BY OWNER & FIRM'S REPRESENTATIVES

1. Place of Inspection
2. Date of Inspection
3. Name of the Firm
4. Verify visually particulars as per agreement description and completeness of work to be executed as per contract.
5. Verify lay-out as per drawing and record discrepancies if any
6. Whether a plate with word LIFT and instruction to be dis- played /provided on each landing and in lift car.

E. LIFT WITH EQUIPMENT

1. Depth of pit and whether ladder provided if required.
2. Arrangement for lighting in the pit.



3. Arrangement for lighting in the lift shaft.
4. Whether adequate tie rods provided for counterweights.
5. Whether all wiring has been in conduit pipes / troughs properly fixed and earthed.
6. Guard for counter weights in the pit.
7. Provision of check nuts and split pins in rope fastenings and terminations.
8. Whether rope tension is equal for all ropes.
9. Whether buffers are symmetrically positioned.
10. Top car clearance.
11. Bottom car clearance.
12. Top counterweight clearance
13. Bottom car run by.
14. Bottom counterweight run by.
15. Any other

F. Earthing:

Whether machine body controller, car frame, limit switches, and conduits properly earthed & check earthing continuity.

G. Machine and controller:

1. Oil leakage if any
2. Abnormal temp rise of oil, bearing and motor
3. Abnormal noise or vibrations
4. Whether UP and DOWN(direction arrows on motor or flywheel marked)
5. Whether rubber pads provided under machine and its bed plates
6. Whether control circuits have independent fuses
7. Whether protection against breakage of rope or taps for rope selector provided
8. Whether cable ferrules marked



9. Gap between the car and landing sill

10. Any other

H. Operation:

1. Operation of all floor buttons from with- in the car in up and down direction on both attendant and auto control.

2. Operation of car by calls given from landing buttons in up and down direction on both attendant and auto control.

3. Operation of door close and door open buttons

4. Emergency alarm

5. Emergency stop

6. Light and fan

7. Emergency key opening

8. Emergency light

9. Operation on type of control stipulated in contract

10. Operation of car top safety switches to make the lift inoperative from within the car and speed of operation.

11. Door locking as checked from each floor

12. Any abnormal noise vibration jerk interval and stopping

13. Sideway play if any in the car.

14. Working of position and direction indicators in car and at each landing.

15. Functioning of sensitive reopening arrangements on moving edge of doors.

16. Smooth sliding movement of car and landing doors,

17. Whether car is stopped in between the floor and whether the doors can be opened manually from inside.

18. Opening of landing or car door when lift is in operation to see that the movement of lift stops,

19. Operation of fireman switch.

20. Check for brake release device and hand winding provisions



I. Safety Devices:

1. Functioning of protection for single phasing and phase reversal.
2. Function of protection for automatic power cut off device before the car and counterweight load on buffers.
3. Function of overload relays.
4. Operation of safety gear and also see for undue deformation of guide rails and stopping distance.
5. Check operation of safety switches.
6. Operation of upper limit switch & positions
7. Operation of lower limit switch and position
8. Operation of electrical protection against opening of emergency doors.
9. Any other.

J. Checking rope slip after 3 complete trips by putting a reference mark on the sheave and rope 60mm/12mm, 60mm/20mm.

K. Test to see that the lift does not start in upward direction on no load and down direction on full load and on single phasing.

L. Check application of brake on full load in down direction at full speed by switching off the power supply and for overheating.

M. Load Test: Lift No.-----

N. No Load Full Load

Down

UP DownUP

Starting current: AC (Amp) Running current: AC(Amp) Travel (Meters)

Speed: Meter/Sec

Date & Place:



Signature of tenderer with official stamp

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Check-list to Comprehensive Annual Maintenance Contract (CAMC)

Description	Agreed/Deviation, if any. Please tick each towards acceptance
<u>Comprehensive Annual Maintenance Contract (CAMC)</u> Tenderer also quote rate for comprehensive Annual Maintenance Contract (AMC) of two (02) original equipment manufacturer (OEM) make Elevators (Lifts) with contract period of 36 months after expiry of free warranty/Comprehensive Maintenance of 1 year. 1. The scope of work of AMC will cover following work:- Providing comprehensive annual maintenance services of two (02) Elevators (Lifts) to be installed at Khanij Bhawan Campus, Jaipur. The broad objectives of the maintenance services for electro-mechanical equipments are to ensure the equipments (lifts) installed always functional and maintained to achieve optimum life and safety. To ensure safety of the personnel, required measures are to be taken and consistently maintained for efficient operations. The scope of works for which bids is inviting will broadly but not limited to as per detailed in preceding clauses of this annexure for preventative as well as breakdown maintenance.	



2. Spectrum of services:

Electro Mechanical Equipment for which Maintenance Services are needed are detailed at Clause below. However, this list is only indicative and under each item, any other services which may be relevant and necessary shall be provided by the contractor. Bidder would assess the actual quantum of work by visiting the site and bid accordingly.

3. Terms of Payment

(i) For payment purposes the contractor shall raise the monthly bill along with the supporting documents (including monthly visit/ scheduled maintenance report, breakdown attended report etc) to receive its remuneration from the RSMML and the bills shall be duly verified by the Engineer In-Charge. The rates as accepted by the Company shall only be considered for billing purpose for the complete duration of the contract. The contractor shall submit an undertaking with bills bearing GSTIN and HSN/SAC code that "total GST has been deposited and returns have been filed for relevant tax period".

(ii) Payment will be made through RTGS/NEFT. All bank charges/ commission, if any shall be borne by the contractor.

4. Building Elevator (Lift)

All the electro mechanical services of the equipments are to be maintained as per the requirement for safe and smooth operation. The requirement will broadly be to keep the equipments in good and efficient working condition at all the time, follow the preventive maintenance and periodical overhaul schedule & procedures as listed in the manuals / literature of the OEM, ensure safety of the equipment and personnel using it.

The Service provider shall perform preventive maintenance and corrective maintenance to the equipments mentioned above and its accessories as per service manual of the OEM. The service provider shall regular examine elevator equipments and provide gear oil, lubricants, grease, break shoe, push buttons of car and landing etc. required for proper maintenance of the lifts / elevators.

Repair and replacement of all components/items during the Comprehensive Annual Maintenance Contract (CAMC) period shall be within the scope of the contract. The contractor shall repair/ replace any defective item at no additional cost and within the award rate. However, replacement of batteries shall be excluded from the scope of CAMC and shall be paid for separately, if required."



5. Breakdown Maintenance

A. The contractor shall attend to any maintenance problems and rectify the defects within the time limit set against different classification of rectification work as stipulated below:

1. **Minor/Medium rectification works-** within 24 hours of notification to the contractor by

RSMML such as, but not limited to

i. Repair/replacement of switches sockets plugs misc. electrical/mechanical faults, misc. repair/rectification works including cleaning of contacts, contact points, earthing points & filters etc.

ii. Replacement of eyelets, socket, lugs & gaskets etc. in panels or motors.

2. **Major rectification works/capital repair-** within 72 hours of notification to the contractor by

RSMML such as but not limited to Transformer and replacement of certain non-stocked spare parts which require the justification for 72 hours work schedule.

B. In case of any doubt in classification of rectification work, contractor can give technical justification and ask for extra time for approval of Engineer in charge who will have power to grant such extra time/change the classification of rectification work depending upon the correct technical justification and a reasonability of time scheduling for such extension/change of classification of a particular rectification work.

1. In case the contractor fails to rectify the defect(s) after handing over assets installed in RSMML in time limit specified in below table, RSMML reserves the right to get the defect(s) rectified at risk and cost of the contractor without further notice and will charge 20% extra on the actual expenditure incurred (material, manpower, machinery etc.) from the quarterly bills of the contractor,

2. In the event that the equipment remains unserviceable or non-functional for a period exceeding that specified in below table, a penalty as detailed below shall be imposed on the contractor. The applicable penalty amount shall be recovered from the contractor's respective monthly bills.



S.No.	Period	Penalty	Remarks
1	4 to 7 consecutive days in a plant	@ 25% of respective monthly bill	In case the period is repeated in the same month, penalty will be worked out on pro rata basis.
2	8 to 15 consecutive days in a plant	@ 50% of respective monthly bill	
3	More than 15 days	@100%of respective monthly bill	

NOTE: In exceptional cases, RSMML may consider to extend the time limit mentioned above. The decision of company shall be final and binding on the contractor in respect of category of rectification of defects. However, all complaints will be attended promptly and the time limit set for each category is the maximum time limit.

6. A snag list of the installations covered in the present scope of work shall be prepared jointly by successful bidders & RSMML so as to complete the defect-rectification work well before the actual contract period is over. However, nothing shall be paid extra for preparation of snag list and preparation of snag list will not be considered as date of start.

Note-1: Any damage to the installations during the currency of contract will be made good by the contractor without extra cost to RSMML. Further, contractor would also indemnify RSMML for the damages caused due to negligence in imparting the services.



7. RSMML's Engineer In-Charge or his nominated officer can carry out any surprise inspection, without any notice and deficiencies in service equipment, spares or any other position of contract pointed out in inspection register maintained by contractor or through other means shall be made good by contractor failing which risk & cost provisions for deficient service shall be invoked.

8. Responsibility of the contractor at end of the contract period:

- a) All equipment taken for maintenance during the contract period shall be handed over back to RSMML in good working condition.
- b) Any equipment taken outside for repair from RSMML Campus shall be handed over in good working condition well before the end date of contract.
- c) Passes issued by RSMML to the contractor' employees if any shall be handed over to RSMML representative.
- d) In case any equipment not handed over to RSMML in good working condition, then RSMML would get them repaired/procured on its own from other sources at the risk & cost of the contractor and the cost (along with 20% extra Charge) incurred shall be deducted from any payment due to him/security deposit.

9. MAINTENANCE INSTRUCTIONS AND PROCEDURE

The maintenance services rendered by the contractor (free maintenance for one year after handing over) shall include routine and preventive maintenance and also break down maintenance as and when required. Maintenance services shall be provided with 24 hour emergency call out service.

Brief maintenance provisions/ procedure documents shall be prepared and submitted at the detailed Engineering stage itself. After the testing and commissioning stage, the detailed document shall be submitted for final clearance and approval.



Maintenance document shall include but shall not be limited to the following:

01. Block diagram of the system.
02. Applicable drawings
03. List of all bought out items, detailed specifications and catalogues.
04. List of tools.
05. Parts bins.
06. List of consumables and maintenance schedules.
07. List of spares.
08. Systematic health checks procedure.
09. Work prior to starting maintenance.
10. Torque levels.
11. Clearance.
12. DB levels.
13. Step by step procedure for dismantling of a sub-system.
14. Step by step procedure for carrying of repair.
15. Step by step procedure for re-assembling.
16. Test results.
17. Final report.

10. ROUTINE AND PREVENTIVE MAINTENANCE

Program of routine and preventive maintenance during the free (1 year) maintenance period as well as during the tenure of Comprehensive annual maintenance contract shall comply with minimum requirements but not limited to as below.

A. Fortnightly

1. To check all bearing oils, oil rings, oil chains, etc. All machines should be carefully checked and repaired for abnormal temperature rise.
2. To check and repair all relays and contacts as wells as their movements and repair as necessary
3. To clean traction machines, relays panels, control panel, starter panels, selectors, governors, car top, car gates, sills and pits
4. To check brake action and adjust if necessary
5. To check and repair movement of door switches, gate switches and emergency stop switches
6. To check and repair indicator lamps and indicator



	7. To check and repair annunciator lights, buzzer and car lights 8. To check and adjust levelling differences, brake slippage, acceleration, deceleration and riding comfort. 9. To check and repair movements of car control buttons, switches and the like. 10. To check and repair the operation of weighing devices. B. Monthly 1. To turn grease cups for speed governors and compensating pulleys 2. To check and oil selectors 3. To top up rail lubricators 4. To clean ropes oil if necessary 5. To clean the PM motor and inspect the controller box etc. 6. To oil electric brake pins 7. To oil all pins of door operation and door opening mechanisms 8. To clean hoist way, beams slow down cams, outside cages, rails and counterweight rails 9. To clean, oil and adjust door closer and levers 10. To clean main sheave, secondary sheaves and rope sheaves on car top and counterweight top 11. To clean and repair brake wheels and shoes 12. To oil compensating rope tensioning pulleys. C. Every Two months 1. To clean and oil door hangers, door rails, interior of hanger case. If necessary adjust eccentric rollers, car door hangers, door connecting ropes and chains 2. To check and repair door shoe 3. To clean and oil safety fears 4. To clean and oil cars and counterweight guide shoes. Adjust if necessary 5. To clean and oil the interior of terminal limit switches and position switches. Check rubber rollers of terminal limit switches. 6. To check oil clean and repair interior of door switches, gate switches. Replace worn parts if necessary 7. To check and repair flexible cable 8. To check and repair movement of limit switches 9. To clean and oil the interior of car control switches. 10. To clean and check push buttons of car control panels 11. To check, clean and repair the sleeve and plungers of the electromagnetic brakes.
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D. Every three months

1. To check and repair the operation of terminal limit switches and final limit switches.
2. To check and repair the governor switches.
3. To clean the brush holders and commutators of the door motors.
4. To check and repair the traction ropes for broken wire, wear elongation and even tension. Adjust if necessary.
5. To remove the dust inside the traction machines and controls panels using electric blower
6. To clean and repair the indicator lamps
7. To check the voltage of rectifiers and thyristors

E. Halfy early

1. To check and repair the operation of safety gears
2. To check oil for oil buffers
3. To check and clean the hall buttons and contacts
4. To check and repair the compensating chains or ropes
5. To check and oil the bearing of door motors
6. To grease the secondary sheaves, car top sheaves and counterweights.
7. To check the wear of guide shoes of cars and counterweights

F. Annual

1. To clean the wire connection box of every landing and car cages. Tighten all screws and check the conditions of cables at conduit inlets and outlets
2. To check and tighten screws of control panels, starters panels and relay panels
3. To remove the dust inside the landing indicator switches by electric blower
4. To test all safety devices
5. To dismantle, clean and adjust the electromagnetic brake of gearless machines
6. To charge motor oil
7. To check and tighten screws and foundation bolts of traction machine, secondary sheaves, exterior of lift frame, guide rail, guide rail clamps and bracket etc.
8. To test the over current relays
9. To provide all labour, materials, tools and transport to carry out annual inspection and load test according to the requirement of the employer
10. All the scheduled maintenance services described above shall be properly programmed and agreed with the Engineer-in-charge in order not to affect operation of the lift systems.



11. BREAK DOWN MAINTENANCE:

The Contractor shall also undertake to provide a comprehensive breakdown service whereby qualified technicians shall attend to each breakdown as soon as practicable after a breakdown is reported and carry out immediate remedial work at a reasonable speed according to the nature of the breakdown. Any faulty equipment or components shall be quickly replaced.

In circumstance such that the Contractor fails to attend the breakdown within four normal working hours after notification of the breakdown and where remedial work is interrupted during normal working hours for purposes other than obtaining replacement parts, the employer reserves the right to order such action as may be necessary to expedite completion of remedial work which shall be at the Contractors expense without abrogation of the Contractors responsibilities.

12. GENERAL:

The Contractor shall keep sufficient spare parts during the maintenance period to ensure that replacement work for defects can be carried out immediately.

A competent engineer shall be provided to investigate the fundamental cause of a fault temporary quick fix solution will not be accepted.

The employer shall at his discretion, take action to recover all losses incurred rising from the failure of the contract to perform the duties either wholly or in part as detailed in this section

Signature of tenderer with official stamp

Date:

Place:



e_TENDER NO. RSMM_CO_MM_NIT_..._2026-27

DECLARATION BY TENDERER

I/We declare that I am/ We are /manufacturer/ Distributor/Authorized dealer in the goods/stores/equipments for which I/We have tendered.

If this declaration is found to be incorrect then without prejudice to any other action that may be taken, my/our bid security/security deposit may be forfeited in full and the tender if any to the extent accepted may be cancelled.

Signature of tenderer with official stamp

Date:

Place:

Note-Tenderers are requested to tick their status i.e. Manufacturer/ Distributor/Authorized dealer and attach supporting documents towards their status. Incase of tender in the capacity of Authorized Distributor/ dealer, they will have to furnish an undertaking from OEM as per annexure-VII,a



OEM Authorization and Support Undertaking Format

To,

[Name of Purchaser]

Subject: OEM Authorization for Tender No. _____

We, [Name of OEM], having our registered office at [Address], hereby authorize M/s [Name of Bidder] to participate in the above-mentioned tender and to quote, supply, install, test, commission, and maintain (CAMC) our elevators/lifts.

We hereby confirm and undertake that:

1. M/s [Name of Bidder] is our authorized dealer/distributor/channel partner for the purpose of this tender.
2. The elevators/lifts proposed under the bid are manufactured by us and comply with the technical specifications and applicable standards stipulated in the tender document.
3. We shall provide all necessary technical assistance, engineering support, documentation, software (where applicable), and genuine spare parts required for successful installation, testing, commissioning, operation, and maintenance of the lifts.
4. We shall support the bidder during the warranty period and the subsequent **Comprehensive Annual Maintenance Contract (CAMC) period of three (3) years** as specified in the tender.
5. We guarantee the availability of genuine spare parts, consumables, and technical support for the offered lift system during the warranty period and CAMC period and for a minimum period of ten (10) years from the date of commissioning.
6. In the event of failure of the authorized bidder to fulfill warranty or CAMC obligations, we shall provide necessary technical support and facilitate availability of spares to ensure continuity of maintenance services.
7. This authorization is issued specifically for the above tender and shall remain valid until completion of all contractual obligations, including the warranty and CAMC period.

For and on behalf of [OEM Name]

Authorized Signatory: _____

Name: _____

Designation: _____

Date: _____

Official Seal of OEM



e_TENDER NO. RSMM_CO_MM_NIT_..._2026-27**Details of past experience**

{To be submitted with Part-1 of the offer (Techno- commercial part)}

List of order(s) executed as per pre-qualification criteria of tender

S. No	Name & Address of the Purchaser	Order No. & Date	Brief Description of the Lift	Nos. of Lifts supplied
01				
02				
03				
04				
05				

Note: Essentially enclose copies of relevant documents in support of above.

Signature with Office Seal.

Place & Date:



e_TENDER NO. RSMM_CO_MM_NIT..._2026-27

PROFORMA OF GUARANTEE BOND FOR SECURITY DEPOSIT

(To be issued by public Sector Banks & Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954 as per list enclosed at annexure-XII having its Branch office at Udaipur on the non-judicial stamp paper of value equal to @ 0.25% (zero-point twenty five percent) of the total Security Deposit Amount subject to maximum of Rs. 25000/- or as applicable at the time of submission of BG.

B.G. _____ Dated _____

Contact details of BG issuing Banker:

- Postal Address: -
- Telephone Nos.: -
- Fax No.: -
- e-mail Address: -
- Contact person e-mail: -

Contact details of Banker's local branch at Udaipur:

- Postal Address: -
- Telephone Nos.: -
- Fax No.: -
- e-mail Address: -
- Contact person e-mail: -

This Deed of Guarantee executed between _____ having its registered office at (mention complete postal address with contact nos./mail address etc.)_____ and its head office at (mention complete postal address with contact nos./mail address etc.)_____ and wherever the context so required include its successors and assignees (hereinafter called the Surety/Bank) AND Rajasthan State Mines and Minerals Limited, a company incorporated and registered under Indian companies Act, 1956, having its registered office at C-89/90 Lal Kothi Scheme, Janpath, Jaipur and Corporate office at 4 Meera Marg, Udaipur and wherever its context so required includes its successors and assignees (hereinafter called 'the company').

Whereas the Company having agreed to exempt M/s. _____ a company/partnership firm _____ (address of registered/H.O.) where ever the context so require includes its successors and assignees (hereinafter called 'the Contractor/supplier/RC holder') from the demand under the terms and conditions of Letter of Acceptance/ Purchase Order/ Rate Contract no. _____ dated _____ issued in favour of the Contractor/supplier/RC holder, hereinafter



called 'the said 'Letter of Acceptance/ Purchase Order/ Rate Contract' which expression shall also include any amendment, modification or variations thereof made in accordance with the provision thereof, of cash security deposit for the due fulfilment by the said Letter of Acceptance/ Purchase Order/ Rate Contract on production of unconditional and irrevocable Bank Guarantee for Rs. _____(Rs. _____) being Contract.

Now this deed witnesseth that in consideration of said bank having agreed on the request of the Contractor/supplier/RC to stand as surety for payment of Rs. _____ as security deposit to the company subject to the following conditions.

1. We, _____ (Bank) do hereby undertake to pay to the company as amount not exceeding Rs. _____ against any loss or damage caused to or suffered or would be caused to or suffered by the company by reason of any breach by the said contractor/supplier/RC holder of any of the terms and/or conditions contained in the Letter of Acceptance/ Purchase Order/ Rate Contract. The decision of the Company, as to any such breach having been committed and loss/damage suffered to shall be absolute and binding on us.
2. We, _____ (bank) do hereby undertake without any reference to the Contractor/supplier/RC holder or any other person and irrespective of the fact whether any dispute is pending between the Company and the Contractor/supplier/RC holder before any court or tribunal or Arbitrator relating thereto, to pay the amount due and payable under this guarantee without any demur, and/or protest merely on the very first demand from the Company stating that the amount claimed is due by way of loss or damage caused to or suffered by or would be caused to or suffered by the Company by reason of any breach by the said contractor/supplier/RC holder of any of the terms and conditions contained in the said Letter of Acceptance/ Purchase Order/ Rate Contract by reason of the said contractor's/supplier's/RC holder's failure to perform the covenants contained in said Letter of Acceptance/ Purchase Order/ Rate Contract. Any such demand made on the bank shall be conclusive, absolute and unequivocal as regards the amount due and payable by the bank under this guarantee. However, bank's liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.
3. We, _____(bank) further agree that the guarantee herein above contained shall remain in full force and effect during the period that would be taken for the performance of the contract and that it shall continue to be enforceable till all the dues of the company under or by virtue of the contract have been fully paid and its claim/s satisfied or discharged or till the company certifies that the terms and the conditions of the said Letter of Acceptance/ Purchase Order/ Rate Contract have been fully and properly carried out by the said contractor/supplier/RC holder and accordingly discharges the guarantee, unless a demand or claim under this guarantee is made on the bank in writing on or before _____(scheduled completion date, plus six months or



period which is required), the bank shall be discharged from all liability under this guarantee thereafter unless otherwise further extended by the bank.

4. In order to give full effect to the guarantee herein contained the company shall be entitled to act as if, we(bank) are your principal debtor in respect of all your claims against the Contractor/supplier/RC holder hereby guaranteed by us as aforesaid and we hereby expressly waive all our rights of surety-ship and other rights, if any which are in any way inconsistent and/or contrary to the above or any other provision of this guarantee, the bank's guarantee to pay hereunder will not be determined or affected by your proceeding against the Contractor/supplier/RC holder and the bank will be liable to pay the said sum as and when demanded by you merely on first demand being made on the bank by you and even before any legal or other proceedings taken against the contractor/supplier/RC holder. Any letter of demand delivered at the banks above branch/divisional office or Udaipur branch office

_____(specify the name & address) under the signatures of the company's Financial Advisor/ Group General Manager/ General Manager or any of the Directors shall deemed to be sufficient demand under this guarantee.

5. We, _____(bank) further agree that the company shall have the fullest liberty without our consent and without affecting in any manner our obligation hereunder to vary any of the terms and conditions of the said letter/Purchase Order/ or to extend time of performance by the said supplier/RC from time to time or to postpone for any time or from time to time any of the powers exercisable by the Company against the said Contractor/supplier/RC and to for bear or enforce any of the terms and conditions relating to the Purchase Order/ and we shall not be relieved from our liability by reason of any such variation or extension being granted to the said contractor/supplier/RC holder or for any fore bearance act, or omissions on the part of the company or any indulgence of the Company to the said Contractor/supplier/RC holder or by any such matter or things whatsoever which under the law relating to the sureties would but for this provisions have effect of so relieving us.
6. This guarantee herein contained would come into force from the date of issue and would not be affected by any change in the constitution of the supplier/RC or ourselves or liquidation or winding up or dissolution or insolvency of the contractor/supplier/RC holder nor shall it be affected by any change in company's constitution or by any amalgamation or any absorption thereof or therewith but shall ensure for and be available to and enforceable by absorbing or amalgamated company or concern till the payment or amount not exceeding Rs. _____ is made by the Bank.
7. The guarantee will not be discharged or affected if the Company holds/obtain any other security/guarantee/promissory note from any person and/or the contractor/supplier/RC holder and this guarantee shall be in addition to any such guarantees.



8. We, _____ (Bank) ~~lastly undertake not to revoke this guarantee~~
during this currency except with the previous consent of the company in writing.

9. The bank has power to issue this guarantee in favour of the Company and the undersigned has full powers to do so under power of Attorney dated _____ granted to him by the bank.

10. For the purpose of enforcing legal rights in respect of this guarantee only Udaipur courts in the state of Rajasthan alone shall have jurisdiction, exclusively.

IN WITNESSETH I, HEREBY _____ SON OF
_____(designation)_____(branch) constituted attorney of the said bank
have set my signatures and bank seal on this guarantee which is being issued on non-
judicial stamp of proper value as per Stamp Act prevailing in the state of
_____executed at _____ this the _____ day of
_____2026.



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27**FORMAT OF BID-SECURING DECLARATION****(To be typed on non judicial stamp paper of valuing Rs. 50/-)****(Applicable only for the bidders fall in the category of bidders as per clause no. 6.0 (B) of tender**

Date:

Bid No.:

Alternative No.:

To:

We, the undersigned, declare that:

We understand that, according to your conditions, bids must be supported by a Bid-Securing Declaration.

We accept that we are required to pay the bid security amount specified in the Term and Condition of Bid,

In the following cases, namely:-

- (a) when we withdraw or modify our bid after opening of bids;
- (b) when we do not execute the agreement, if any, after placement of supply/work order within the Specified period;
- (c) when we fail to commence the supply of the goods or service or execute work as per supply/work Order within the time specified;
- (d) when we do not deposit the performance security within specified period after the supply/work Order is placed ;and
- (e) if we breach any provision of code of integrity prescribed for bidding specified in the Act and Chapter VI of these rules.

In addition to above, the State Government shall debar us from participating in any procurement process Undertaken for a period not exceeding three years in case where the entire bid security or any part thereof is required to be forfeited by procuring entity.

We understand this bid securing declaration shall expire if:-

- (i) we are not the successful bidder;
- (ii) the execution of agreement for procurement and performance security is furnished by us in case we are successful bidder;
- (iii) thirty days after the expiration of our bid.
- (iv) the cancellation of the procurement process ;or
- (v) the withdrawal of bid prior to the deadline for presenting bids, unless the bidding documents stipulate that no such withdrawal is permitted.

Signed.:-----

Name :-----

In the capacity of:-----

Duly authorized to sign the bid for and on behalf of:

Dated on day of

Corporate seal-----

[Note: In case of a Joint Venture, the bid securing declaration must be signed in name of all Partners of the joint venture that is submitting the bid.]



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

**FORMAT OF DECLARATION IN LIEU OF SECURITY DEPOSIT CUM
PERFORMANCE GUARANTEE IN CASE OF AWARD OF CONTRACT**

**(Applicable only for the bidders fall in the category of bidders as per clause no. 6.0
(B) of tender**

To: RSMML

We, the undersigned, declare that:

We understand that, according to your conditions, the Contract must be supported by a Performance Security Declaration as a guarantee to ensure fulfillment of our all-performance obligations under the Contract for above mentioned tender.

We accept that we will automatically be suspended from being eligible for bidding in any contract with you for the suitable time if we are in breach of any of our performance obligation under the conditions of the Contract. We further understand this Performance Security Declaration shall expire after 60 days of completion of our all obligations under the Contract including Defect Liability, warranty/Guarantee, operation, maintenance, etc. in accordance with the conditions of the Contract.

Signature of tenderer with official stamp

Date:

Place:



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27
Public Sector Banks & Private Sector banks as per schedule II of the Reserve Bank of India Act, 1954

List of Scheduled Public Sector Banks

S.No.	Name of the Bank
1	Bank of Baroda
2	Bank of India
3	Bank of Maharashtra
4	Canara Bank
5	Central Bank of India
6	Indian Bank
7	Indian Overseas Bank
8	Punjab & Sind Bank
9	Punjab National Bank
10	UCO Bank
11	Union Bank of India
12	State Bank of India

List of Scheduled Private Sector Banks

S.No.	Name of the Bank
1	Axis Bank Limited
2	Bandhan Bank Limited
3	CSB Bank Limited
4	City Union Bank Limited
5	DCB Bank Limited
6	Dhan Laxmi Bank Limited
7	Federal Bank Limited
8	HDFC Bank Limited
9	ICICI Bank Limited
10	IndusInd Bank Limited
11	IDFC FIRST Bank Limited
12	Jammu & Kashmir Bank Limited
13	Karnataka Bank Limited
14	Karur Vysya Bank Limited
15	Kotak Mahindra Bank Limited
16	Nainital Bank Limited
17	RBL Bank Limited
18	South Indian Bank Limited
19	Tamilnad Mercantile Bank Limited
20	YES Bank Limited
21	IDBI Bank Limited
22	AU Small Finance Bank



e_TENDER NO. RSMM_CO_MM_NIT_07_2026-27

Format of Undertaking

(on non-judicial stamp paper of appropriate value)

Name of contractor.....

I.....S/o.....Sh.....aged.....years.....resident

of.....on.....behalf.....of.....i.e.....M/s

.....hereby undertake that I have submitted bank guarantee

Bearing BG No.....for amount Rs.issued by

.....bank having branchfor the work of

.....(reference of tender & work).

I/we undertake that in case of liquidation of BG issuance bank for any reason, I/we will submit new BG of same amount with in a period of 10 days, failing which the company may take any appropriate action as deemed fit.

Signature of Contractor (S)
(Authorized Signatory)
With Seal

Place:

Date:



Annexure A : Compliance with the Code of Integrity and No Conflict of Interest

Any person participating in a procurement process shall –

- a) Not misrepresent or omit that misleads or attempts to mislead so as to obtain a financial or other benefit or avoid an obligation;
- b) Not offer any bribe, reward or gift or any material benefit either directly or indirectly in exchange for an unfair advantage in procurement process or to otherwise influence the procurement process;
- c) Not indulge in any collusion, bid rigging or anti-competitive behavior to impair the transparency, fairness and progress of the procurement process;
- d) Not misuse any information shared between the procuring Entity and the Bidders with an intent to gain unfair advantage in the procurement process;
- e) Not indulge in any coercion including impairing or harming or threatening to do the same, directly or indirectly, to any party or to its property to influence the procurement process;
- f) Not obstruct any investigation or audit of a procurement process;
- g) Disclose conflict of interest, if any, and
- h) Disclose any previous transgressions with any Entity in India or any other country during the last three years or any debarment by any other procuring entity.

Conflict of Interest :-

The Bidder participating in a bidding process must not have a Conflict of Interest.

A Conflict of Interest is considered to be a situation in which a party has interests that could improperly influence that party's performance of official duties or responsibilities, contractual obligations, or compliance with applicable laws and regulations.

- 1) A Bidder may be considered to be in Conflict of Interest with one or more parties in a bidding process if, including but not limited to:
 - a) Have controlling partners/shareholders in common; or
 - b) Receive or have received any direct or indirect subsidy from any of them; or
 - c) Have the same legal representative for purposes of the bid; or
 - d) Have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another Bidder, or influence the decisions of the Procuring Entity regarding the bidding process; or
 - e) The Bidder participates in more than one bid in a bidding process. Participation by a Bidder in more than one bid will result in the disqualification of all bids in which the Bidder is involved. However, this does not limit the inclusion of the same subcontractor, not otherwise participating as a Bidder, in more than one bid; or
 - f) The Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the Goods, Works or Services that are the subject of the bid; or
 - g) Bidder or any of its affiliates has been hired (or is proposed to be hired) by the Procuring Entity as engineer-in-charge/consultant for the contract.



Annexure B: Declaration by the Bidder regarding qualifications

Declaration by the Bidder

In relation to my/our Bid submitted tofor procurement ofin response to their Notice Inviting Bids No..... datedI/we hereby declare under Section 7 of Rajasthan Transparency in Public Procurement Act 2012, that :

1. I/we possess the necessary professional, technical, financial and managerial resources and competence required by the Bidding Document issued by the Procuring Entity;
2. I/we have fulfilled my/our obligation to pay such of the taxes payable to the Union and the State Government or any local authority as specified in the Bidding Document;
3. I/we are not insolvent, in receivership, bankrupt or being wound up, not have my/our affairs administered by a court or a judicial officer, not have my/our business activities suspended and not the subject of legal proceedings for any of the foregoing reasons;
4. I/we do not have, and our directors and officers not have been convicted of any criminal offence related to my/our professional conduct or the making of false statements or misrepresentations as to my/our qualifications to enter into a procurement contract within a period of three years preceding the commencement of this procurement process, or not have been otherwise disqualified pursuant to debarment proceedings;
5. I/we do not have a conflict of interest as specified in the Act, Rules and the Bidding Document, which materially affects fair competition;

Date:

Signature of bidder

Place:

Name:

Designation:

Address:



Annexure C: Grievance Redressal during Procurement Process

The designation and address of the First Appellate Authority is : Mines Dept., Govt. of Rajasthan

The designation and address of the Second Appellate Authority is: Finance Dept., Govt. of Rajasthan

1.Filing an appeal

If any Bidder or prospective bidder is aggrieved that any decision, action or omission of the Procuring Entity is in contravention to the provisions of the Act or the Rules or the Guidelines issued thereunder, he may file an appeal to First Appellate Authority, as specified in the Bidding Document within a period of ten days from the date of such decision or action, omission, as the case may be clearly giving the specific ground or grounds on which he feels aggrieved:

Provided that after the declaration of a Bidder as successful the appeal may be filed only by a Bidder who has participated in the procurement proceedings:

Provided further that in case a Procuring Entity evaluates the technical bids before the opening of the financial Bids, an appeal related to the matter of Financial Bids may be filed only by a Bidder whose Technical Bid is found to be acceptable.

2. The officer to whom an appeal is filed under para (1) shall deal with the appeal as expeditiously as possible and shall endeavor to dispose it of within thirty days from the date of the appeal.
3. If the officer designated under para (1) fails to dispose of the appeal filed within the period specified in para (2) or if the Bidder or prospective bidder or the Procuring Entity is aggrieved by the order passed by the First Appellate Authority, the bidder or prospective bidder or the Procuring Entity, as the case may be, may file a second appeal to Second Appellate Authority specified in the Bidding Document in this behalf within fifteen days from the expiry of the period specified in para (2) or of the date of receipt of the order passed by the First Appellate Authority, as the case may be .

4. Appeal not to lie in certain cases

No appeal shall lie against any decision of the Procuring Entity relating to the following matters, namely:-

- a. Determination of need of procurement;
- b. Provisions limiting participation of Bidders in the Bid process;
- c. The decision of whether or not to enter into negotiations ;
- d. Cancellation of a procurement process;
- e. Applicability of the provisions of confidentiality.



5. Form of Appeal

- a. An appeal under para (1) or (3) above shall be in the annexed form along with as many copies as there are respondents in the appeal;
- b. Every appeal shall be accompanied by an order appealed against, if any, affidavit verifying the facts stated in the appeal and proof of payment of fee.
- c. Every appeal may be presented to First Appellate Authority or Second Appellate Authority, as the case may be, in person or through registered post or authorized representative.

6. Fee for filing appeal

- a. Fee for the first appeal shall be rupees two thousand five hundred and for second appeal shall be rupees ten thousand, which shall be non-refundable.
- b. The fee shall be paid in the form of bank demand draft or bankers' cheque of a Scheduled Bank in India payable in the name of Appellate Authority concerned.

7. Procedure for disposal of appeal

- a. The First Appellate Authority or Second Appellate Authority, as the case may be, upon filing of appeal, shall issue notice accompanied by copy of appeal, affidavit and documents, if any, to the respondents and fix date of hearing.
- b. On the date fixed for hearing, the First Appellate Authority or Second Appellate Authority, as the case may be, shall –
 - i) Hear all the parties to appeal present before him; and
 - (ii) Peruse or inspect documents, relevant records or copies thereof relating to the matter.
- c. After hearing the parties, perusal or inspection of documents and relevant records or copies thereof relating to the matter, the Appellate Authority concerned shall pass an order in writing and provide the copy of order to the parties to appeal free of cost.
- d. The order passed under sub-clause (c) above shall also be placed on the State Public Procurement Portal.



(See rule 83)

Memorandum of Appeal under the Rajasthan Transparency in Public Procurement Act 2012

Appeal No..... of

Before the(First /Second Appellate Authority)

1. Particulars of appellant :
 - (i) Name of the appellant :
 - (ii) Official address, if any:
 - (iii)Residential address:
2. Name and address of the respondent(s) :
 - (i)
 - (ii)
 - (iii)
3. Number and date of the order appealed against and name and designation of the officer/authority who passed the order (enclose copy), or a statement of a decision, action or omission of the Procuring Entity in contravention to the provisions of the Act by which the appellant is aggrieved:
4. If the Appellant proposes to be represented by a representative, the name and postal address of the representative :
5. Number of affidavits and documents enclosed with the appeal :
6. Ground of appeal

.....

.....(Supported by
an affidavit)

7. Prayer.....
.....
.....

Place :

Date:

Appellant's signature :



Annexure D : Additional Conditions of Contract

1. Correction of arithmetical errors

Provided that a Financial Bid is substantially responsive, the Procuring Entity will correct arithmetical errors during evaluation of Financial Bids on the following basis:

- (i) if there is a discrepancy between the unit price and the total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail and the total price shall be corrected, unless in the opinion of the Procuring Entity there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price shall be corrected;
- (ii) If there is an error in a total corresponding to the addition or subtraction of sub totals, the subtotals shall prevail and the total shall be corrected; and
- (iii) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (i) and (ii) above.

If the Bidder that submitted the lowest evaluated bid does not accept the correction of errors, its bid shall be disqualified and its Bid Security shall be forfeited or its Bid Securing Declaration shall be executed.

2. Procuring Entity's Right to Vary Quantities

- (i) At the time of award of contract, the quantity of Goods, works or services originally specified in the Bidding Document may be increased or decreased by a specified percentage, but such increase or decrease shall not exceed twenty percent, of the quantity specified in the Bidding Document. It shall be without any change in the unit price or other terms and conditions of the bid and the conditions of contract.
- (ii) If the Procuring Entity does not procure any subject matter of procurement or procures less than the quantity in the Bidding Document due to change in circumstances, the bidder shall not be entitled for any claim or compensation except otherwise provided in the conditions of contract.
- (iii) In case of procurement of goods or services, additional quantity may be procured by placing a repeat order on the rates and conditions of the original order. However, the additional quantity shall not be more than 50 % of the value of goods of the original contract and shall be within one month from the date of expiry of last supply. If the supplier fails to do so, Procuring Entity shall be free to arrange for the balance supply by limited bidding or otherwise and the extra cost incurred shall be recovered from the supplier.



**3. Dividing quantities among more than one bidder at the time of award
(In case of procurement of goods)**

As a general rule all the quantities of the subject matter of procurement shall be procured from the bidder, whose bid is accepted. However, when it is considered that the quantity of the subject matter of procurement to be procured is very large and it may not be in the capacity of the bidder, whose bid is accepted, to deliver the entire quantity or when it is considered that the subject matter of procurement to be procured is of critical and vital nature, in such cases, the quantity may be divided between the bidder, whose bid is accepted and the second lowest bidder or even more bidders in that order, in a fair, transparent and equitable manner at the rates of the bidder, whose bid is accepted.



Form A

(Apply in Duplicate)

Application by MSME for Purchase Preference in Procurement of Goods

To,
The General Manager
DIC, District

1. Name of Applicant with Post:
2. Permanent Address:
3. Contact Details:
 - a. Telephone No.:
 - b. Mobile No.:
 - c. Fax No.:
 - d. Email Address:
4. Name of micro & small enterprise:
5. Office Address:
6. Address of Work Place:
7. No. & Date of Entrepreneurs Memorandum-II/Udyog Aadhaar Memorandum:
(enclose photo copy):
8. Products which Entrepreneurs Memorandum-II/Udyog Aadhaar Memorandum
availed:
9. Products which are at present being produced by the enterprise:
10. Products for which purchase preference has been applied for:
11. Production capacity as per Capacity Assessment Certificate (enclose photocopy of
Capacity Assessment Certificate):

Serial No.	Product	Product Production Capacity	
		Quantity	Value
1			
2			
3			
4			

12. List of Plant & Machinery installed:

Serial No.	Name of Plant & Machinery	Quantity	Value
1			
2			
3			
4			

13. List of Testing Equipments installed:

Serial No.	Name of Testing Equipments	Quantity	Value
1			
2			
3			
4			



14. Benefits availed in last financial year and current financial year:

a. Benefits depositing Bid Security and Performance Security:

Last Financial Year			Current Financial Year	
Department	Bid Security	Performance Security	Bid Security	Performance Security

b. Details of Supply orders received:

Last Financial Year				Current Financial Year		
Department	No. & Date of purchase order	Amount for which purchase order received	Amount of goods supplied	No. & Date of purchase order	Amount for which purchase order received	Amount of goods supplied

I declare that the above all facts given in the application are correct and my enterprise is producing the items mentioned in column No. 10.

Date

Signature
(Name of the applicant
along with seal of post)

Office of the District Industries Centre _____

CERTIFICATE

File No. _____

Date _____

It is certified that M/s _____ was inspected by _____ on dated _____ and the facts mentioned by the enterprise are correct as per the record shown by the applicant. The enterprise is eligible for Purchase Preference under this notification.

The certificate is valid for one year from the date of its issue.

Office Seal Signature

(Full Name of the Officer)
General Manager
District Industries Centre
Rubber Seal/Stamp

Enclosure-

(1) Application

(2)

(3)



Form B

Format of Affidavit

IS/oAged Yrs. residing at
..... Proprietor/Partner/Director of M/s
..... do hereby solemnly affirm and declare that:

(a) My/Our above noted enterprise M/s has been issued acknowledgement of Entrepreneurial Memorandum Part - II by the District Industries Center The acknowledgement No. is dated and has been issued for manufacture of following items:

Name of Item	Production Capacity (Yearly)
(i)	
(ii)	
(iii)	
(iv)	
(v)	

(b) My/Our above noted acknowledgement of Entrepreneurial Memorandum Part - II has not been cancelled or withdrawn by the Industries Department and that the enterprise is regularly manufacturing the above items.

(c) My/Our enterprise is having all the requisite plant and machinery and is fully equipped to manufacture the above noted items.

Place _____

Signature of
Proprietor/ Director Authorized Signatory
with Rubber Stamp and date

