

PART-I: QUERIES AND COMMENTS OF NMRCL
DESIGN, MANUFACTURING, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF HEAVY DUTY MACHINE
ROOM LESS ELEVATORS & ESCALATOR FOR NMRCL PROJECT
COMPLIANCE OF PRE-BID MEETING QUERIES

Sl. No.	Part	Section	Page No.	Clause No	Bid Condition	Bidder's Queries	Comment/ Clarification By NMRCL
1	I	I, Instruction to Bidder	22	19.8	The bid security, as specified in Section-II BDS, Cl No. 19.1 can be submitted by JV/Consortium or lead member only on behalf of the JV/Consortium.	This Clause may be amended as below: The bid security, as specified in Section-II BDS, Cl No. 19.1 can be submitted by JV/Consortium or Any member on behalf of the JV/Consortium.	Tender Condition Prevails
2	I	III, Evaluation & Qualifying Criteria	70	3.2	All Parties Combined: Must Meet requirement Each Member: Must Meet Requirement as per their % share Any One Member : N/A	This Clause may be amended as below: All Parties Combined: Must Meet requirement Each Member: N/A Any One Member : N/A It is difficult for Indian member to meet this criterion since it requires completion of around INR 235 Cr. work for the Indian member in the last 5 years for similar work (With 35% participation). So for a JV/Consortium, the criteria "Each member must meet Requirement as per their % share" should be deleted.	Tender Condition Prevails
3	I	I, Instruction to Bidder	12	4.1	This bidding is open only to prequalified Bidders or specified in the BDS.	This Clause may be deleted.	Kindly ref ITB 4.5 Section II Bid Data Sheet
4	I	III, Evaluation & Qualifying Criteria	71	4.1	The Tenderers will be qualified only if they have completed work for The Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators & Escalator during last 10 Years as on date of tender submission in above key activities. Starting 1st March 2006 to 31 March. 2016. All Parties Combined: N/A Each Member: Must Meet Requirement Any One Member : N/A	The Tenderers will be qualified only if they have completed work for The Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators and/or Escalator during last 10 Years as on date of tender submission in above key activities. Starting 1st March 2006 to 31 March. 2016. All Parties Combined: Must Meet Requirement Each Member: N/A Any One Member : N/A i) To allow wider participation &/or should be added. It (&/or) is also written in 4.2(a) ii) it is difficult for Indian partner to meet design, manufacturing, supply criteria for elevators &/or escalators. So criteria should be amended to:"All parties combined must meet requirement" should be	Kindly ref addendum/ Corrigendum

5	I	II, Bid Data Sheet	51	39.2	In case, Successful Bidder is a JV/ Consortium, then the Performance Security may be furnished on behalf of the JV/ Consortium either by the Lead Member or by all the Members of such JV/ Consortium in such proportion as may be agreed between them as per JV/ Consortium agreement.	This Clause may be amended as below: In case, Successful Bidder is a JV/ Consortium, then the Performance Security may be furnished on behalf of the JV/ Consortium either by Any Member or by all the Members of such JV/ Consortium in such proportion as may be agreed between them as per JV/ Consortium agreement.	Tender Condition Prevails
6	I	III, Evaluation & Qualifying Criteria	71	4.2 (a)	The Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators and/or Escalator for Metro, Airport and Suburban Railways completed in last 10 years as mentioned below :- a) Should have received more than INR 1600Million from a single contract comprising of Elevators and/or Escalators Or b) Should have received more than INR 1000Million each from two contracts of Elevator and/or Escalator Or c) Should have received more than INR 800Million each from three contracts of Elevator and/or Escalator If the sole Tenderer or any / all members of JV / JVA / Consortium part constituting the Tenderer is / are from foreign, then the member responsible for manufacturing & supplying of Elevators/Escalator should have an international experience of manufacturing and	This Clause may be amended as below: The Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators and/or Escalator for Metro, Airport and Railways completed in last 10 years as mentioned below :- a) Should have received more than INR 1600Million from a single contract comprising of Elevators and/or Escalators Or b) Should have received more than INR 1000Million each from two contracts of Elevator and/or Escalator Or c) Should have received more than INR 800Million each from three contracts of Elevator and/or Escalator. If the sole Tenderer or any / all members of JV / JVA / Consortium part constituting the Tenderer is / are from	Kindly refer addendum/ Corrigendum
7	I	III, Evaluation & Qualifying Criteria	72	4.2(b)	The bidder must have successfully carried out post DLP AMC of 130Nos of Elevators and 193Nos of Escalator for continuous period of 5Year for airport/Metro/sub-urban railways as on date of tender submission. Starting 1st March 2011 to 31 March 2016. All Parties Combined: N/A Each Member: N/A Any One Member : Lead Member Must Meet Requirement	This Clause may be amended as below: The bidder must have successfully carried out post DLP AMC of 130Nos of Elevators and 193Nos of Escalator for airport/Metro/ Railways as on date of tender submission. Starting 1st March 2011 to 31 March 2016. All Parties Combined: Must Meet Requirement Each Member: N/A Any One Member : N/A i) Suburban Railway should be amended to Railway [Similar to above point 4.2(a)] ii) For Indian Member to be lead member the criteria of "Lead Member must meet requirement" should be deleted. iii) We think that post DLP AMC experience of one year is sufficient to prove capability of 5 years continuous period.	Kindly refer addendum/ Corrigendum

8	I	II, Bid Data Sheet	33	A-ITB 1.1	DESIGN, MANUFACTURING, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF HEAVY DUTY MACHINE ROOM LESS ELEVATORS & ESCALATOR FOR NMRCL PROJECT International Competitive Bid (ICB) The detailed Scope of Work for the Construction of this contract is further described in the Part-2: Section-VII (A & B (Part A Elevators & Part B Escalator)) Works Requirements and other documents. The Contractor has to execute the work accordingly with the approval of Employer. The Bidders are particularly advised to pay attention to the IT Requirements of Employer. (Clause 2.3 of General Specifications).	This tender should be the split and this Clause may be amended as below: i)DESIGN, MANUFACTURING, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF HEAVY DUTY ESCALATOR FOR NMRCL PROJECT ii)DESIGN, MANUFACTURING, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF HEAVY DUTY MACHINE ROOM LESS ELEVATORS FOR NMRCL PROJECT We propose that tender of Elevators & Escalators should be split as these are two independent products having absolutely no common interface between them. In fact in all Metro Railway tenders in India separate tenders are issued for these two products.For Example	Tender Condition Prevails
9	I	II, Bid Data Sheet	33	A-ITB 4.1	Maximum number of members in the JV shall be: 2 (Two) Lead member should not have less than 51% participation and other members shall have minimum 20% participation in the proposed JV / Consortium for this work. In case of JV / Consortium, change in constitution or percentage participation of JV/Consortium shall not be permitted at any stage after their submission of Bid and thereafter. The authorized representative from lead member only shall be signatory of the bid. (Ref. Form-9. Section-IV of Part-1)	This Clause may be amended as below: Maximum number of members in the JV/ Consortium shall be: 2 (Two) Lead member should not have less than 35% participation and other members shall have minimum 20% participation in the proposed JV / Consortium for this work. In case of JV / Consortium, change in constitution or percentage participation of JV/Consortium shall not be permitted at any stage after their submission of Bid and thereafter. The authorized representative from lead member only shall be signatory of the bid. (Ref. Form-9. Section-IV of Part-1) For Indian Company to be the Lead Member in consortium this criteria should be changed since	Kindly ref addendum/ Corrigendum

10	II	VII, Work Require ment Particul ar Specifica tion Part- B, Escalato r	495	6.10.1.1	<p>The space required for machinery and other accessories shall be provided by the Civil Contractors in accordance with the co-ordinated requirements of the Contractor. The accessories such as incoming isolators, ITBs, switches, shall be housed outside the truss. Controller and inverter shall be housed inside of the truss of the Escalator.</p> <p>Further wiring work including conduits / trunking from the incoming isolators to Escalator equipment shall be provided by the Contractor.</p> <p>The Contractor shall co-ordinate with civil contractor for the layout of the equipment in the wall recess / closet. Any recess made into the floor for laying of trough for wiring shall be properly covered and flushed with the adjacent area of floor without degrading the aesthetic appearance.</p>	<p>The space required for machinery and other accessories shall be provided by the Civil Contractors in accordance with the co-ordinated requirements of the Contractor. The accessories such as incoming isolators, ITBs, switches, shall be housed outside the truss. Controller and inverter shall be housed Outside of the truss of the Escalator.</p> <p>Further wiring work including conduits / trunking from the incoming isolators to Escalator equipment shall be provided by the Contractor.</p> <p>The Contractor shall co-ordinate with civil contractor for the layout of the equipment in the wall recess / closet. Any recess made into the floor for laying of trough for wiring shall be properly covered and flushed with the adjacent area of floor</p>	tender Condition Prevails
11	II	VII, Work Require ment Particul ar Specifica tion Part- B, Escalato r	479	6.4.1.3	<p>The Truss shall be designed to support the dead weight of the escalator plus the passenger load. Considering the passenger load, the maximum deflection shall not exceed 1/1000 th of the distance between supports.</p>	<p>The Truss shall be designed to support the dead weight of the escalator plus the passenger load. Considering the passenger load, the maximum deflection shall not exceed 1/1500 th of the distance between supports.</p>	Tender Condition Prevails
12	II	VII, Work Require ment Particul ar Specifica tion Part- B, Escalato r	491	6.6.24	<p>Traffic Bollards</p> <p>Four number Bollards shall be installed - two at the entry of Escalator landings to prevent the passenger with bulky luggage or baby carriage from boarding the Escalator & two at the exit. The bollards height shall be 100 cm and shall carry the traffic light. The traffic light should interface with the direction of Escalators i.e. light shall be red when Escalator is not available for use and shall be Green when Escalator is available for use. The details shall be got issued notice of no objection by the Employer/ Employer's representative at the time of design</p>	<p>Traffic bollards shall not be installed.</p>	Agreed, Kindly ref addendum/ Corrigendum
13	IV	XII, BOQ	1032	Stateme nt No. 12B Table-1	<p>Total quantity mentioned is 130 Escalators</p>	<p>Commissioning schedule of 193 Escalators needs to be mentioned in Table-1 Total quantity should be corrected to 193.</p>	Kindly ref addendum/ Corrigendum

14	I	III, Evaluation & Qualifying Criteria	72	4.2 (b)		Lifts and Escalators in Metro Railways and Railways are installed recently. 5 year post DLP experience in these projects is not available as required. Request for review of this requirement	Kindly Ref Addendum/Corrigendum
15	I	IV, Bidding Form	64	6	Copy of registration certificate of firm / company with registrar of firms or under Indian company act etc. if registered in India or as per norms of country of origin in case a foreign bidders. In case of Foreign Company as a sole member/constituent, it should be registration / incorporation under relevant legislation for working in India and certificate of approval /permissions from RBI/FEMA.	We can submit foreign supplier Registration certificate and permit to trade in Imports and Exports from respective countries. Permission from RBI is not available for foreign suppliers. Please review the above requirement as per applicability and clarify	Tender Condition Prevails
16	I	IV, Bidding Form	135	6	This Consortium Agreement shall be construed and interpreted in accordance with the Laws of _____.	This requirement shall follow Contract Agreement conditions. Kindly clarify as the Consortium Agreement will be between participating parties and NMRCL will not be party to it.	Clause is self Explanatory, Please follow Tender Condition
17	I	IV, Bidding Form	135	7	It is hereby agreed that the Lead Member shall furnish the Bid Security, as stipulated in the Bidding Documents, on behalf of the Consortium.	In line with Consortium Agreement, respective participants will furnish Bid Security as per their participation. Lead member will be responsible for submission of Bid Security to NMRCL. Guarantee will be executed by Banks, irrespective who is furnishing the BG.Request to review and clarify actual requirement	Clause is self Explanatory, Kindly Ref Clause No 14.
18	I	IV, Bidding Form	135	8 & 14	It is hereby agreed that in case of selection of bidding consortium as the Successful Bidder, the Parties to this Consortium Agreement do hereby agree that the Lead Member shall furnish the Performance Security on behalf of the Consortium, as stipulated in the Bidding Documents. 14. It is hereby agreed that in case of selection of the Consortium as the Successful Bidder, [the Lead Member shall furnish the Performance Security on behalf of the Consortium as stipulated in the Bidding Documents] / [the Performance Security as stipulated in the Bidding Documents shall be furnished by the Members on behalf of the Consortium in such proportion as may be agreed to between us]		As far as NMRCL is concern the performance security can either be furnished by the lead member on behalf of consortium or can also be furnished by respective member of JV/Consortium each on behalf of JV/Consortium in such proportion as may have been agreed among them

19	I	IV, Bidding Form	135 136	15	15. It is agreed by all the Members that there shall be separate Consortium Bank Account (distinct from the bank accounts of the individual Members) to which the individual Members shall contribute their share capital and/or working capital and the financial obligations of the Consortium shall be discharged through the said Consortium Bank Account only and also all the payments received by the Consortium from the Employer shall be through that account alone.	Technically and practically not possible as the consortium is formed for respective scope of works which are executed at different places, like supplies from abroad and services in India, This requirement is not asked in any project. Request to review and clarify actual requirement	Not Agreed, Please follow Tender Condition
20	I	III, Evaluation & Qualifying Criteria	74	4.2 (b)	For completed works, value of work done shall be updated to tender submission date assuming 5% inflation for Indian Rupees every year and 2% for foreign currency portions per year. For the purpose of evaluation of work experience, all prices will be converted to Indian Rupees using the Exchange (selling) rates for those currencies at the close of business of the Reserve Bank of India at 31st December of each year for the works completed in respective year. For the works completed in the latest year before 31st of December of current year, the exchange rates of foreign currency shall be applicable 28 days before the tender submission date.	For fair comparison, exchange rate of latest year shall be applied if inflation at 2% is taken for the period upto latest year 'or' alternatively inflation rate 5% shall be applied (similar to INR) if exchange rate is taken at closing of respective years of work completion. Request for clarification of above since inflation rate 2% is applicable for foreign currency and 5% for INR	Tender condition Prevails
21	I	II, Bid Data Sheet	35	BDS	(a) A Joint Venture / Consortium Agreement shall be provided duly notarized by the notary public or registered with the appropriate authority of country of origin and should be stamped by Embassy / High Commission of India. Bidders from Member Countries of Hague convention may submit all these documents with "Apostille" stamp instead of Embassy.	As per MEA, Apostille is done for personal documents like birth/death/marriage certificates, Affidavits, Power of Attorney, etc. and educational documents like degree, diploma, matriculation and secondary level certificates etc. Legalisation of documents: The Ministry of External Affairs legalises the documents on the basis of the signature of the designated signing authorities of the State Government/Union Territory/Chambers of Commerce. It does not take responsibility of the contents of the documents. Hence the attestation and stamping by Embassy will not be possible and/or will take much longer time for documents such as translations,	Should be complied as per Tender, Please Follow Tender Condition

22	I	II, Bid Data Sheet	64	10	In case the experience certificate is issued by a Public Ltd. Company listed in Stock Exchange (BSE or NSE) in India or Abroad, copy of work order, bill of quantities, Summary of payment details certified by C.A.	Summary of payment details will be certified by Bidder side Chartered Accountant, please clarify	Agreed
23	I	IV, Bidding Form	89	4.1	Key Staff Personnel :	Details of Key Personnel required for this project is not mentioned, whether we can have our own key personnel details according to the Project	The Details of Key Staff Personnel have now been provided. Kindly ref to Addendum
24	I	II, Bid Data Sheet	40	ITB 10.1	Supporting documents related to Work Experience, Financial & Technical eligibility criteria enclosed with the bid, other than English language should accompany a translated copy by a certified translator in English and will have to be endorsed/attested by Indian embassy or any authorized / recognized agency of India Embassy, where the supporting documents is being issued. The contact address & identification of certified translator must be mentioned at the end of the translated copy of the document.		Should be complied as per Tender. Please Follow Tender Condition
25	I	II, Bid Data Sheet	143	3	3. In the event the Board resolution is from a company incorporated outside India, the same needs to be notarized by a notary in the home country of company passing the resolution and legalized by the Indian Embassy there. However, in case such company is from a country which has signed The Hague Legislation Convention 1961, then the Board Resolution is not required to be legalized by the Indian Embassy if it carries a conforming Appostille certificate.		Should be complied as per Tender.
26	I	II, Bid Data Sheet	135	4	4. In case of any breach of any of the obligations as specified under clause 3 above by any of the Consortium Members, the Lead Member shall be liable to fulfil such obligation.	Technically may not possible as the consortium is formed for respective scope of works, contract is awarded based on qualification as per participation. The consortium agreeemnt is between the participatns and such clause will dilute pupose of the agreement. Request to review and clarify actual requirement	Tender Condition to be followed

27	II	III, Biir Rata Sheet	473	4.13	4.13.1 The work shall be carried out in accordance with the following governing specifications and other statutory rules: <input type="checkbox"/> Indian Central Electricity Authority Regulation 2010 with latest amendments. <input type="checkbox"/> Indian Electricity Act 1910 with latest amendments. <input type="checkbox"/> Rules and Regulations prescribed by local authorities as applicable. <input type="checkbox"/> Provisions of Applicable Lift and Escalator Act. <input type="checkbox"/> Relevant, Indian Standards, IEC Standards, British Standards, and other National/ international standards as applicable.	Our product comply with EN115-1, Chinese National Standard and equivalent International Standard.	Tender Conditions Prevails
28	II	VII, Work Requirement Particular Specification Part-B Escalator	476	6.2	Designed Life of Principal Moving components like bearings , motor etc	design life of motor applicable will be 70000 hours	Tender Conditions Prevails
29	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	522 548	12	MATERIALS AND WORKMANSHIP REQUIREMENTS	Due to there is almost no supplier manufacture his products follow British Standard in Chinese market, the materials and workmanship will follow related Chinese standard or international standard	The Clause 12 referred to, in the tender document to be followed in letter and spirit as well
30	II		497	6.10.4	The tracks and handrail guide shall be of steel with zinc plating		stainless steel Tracks and handrail guides are acceptable alternative
31	II		497	6.10.4	All fasteners shall be of stainless steel		All fasteners shall be of stainless steel
32	II	VII-B, Particular Specification Part-B Escalator	478	6.3.16(b)	Tracks and handrail guide Zinc plated steel profiles	Handrail guide will be stainless steel	stainless steel Tracks and handrail guides are acceptable alternative
33	II	VII-B, Particular Specification Part-B Escalator	478	6.3.16(f)	All bolts, nuts, shims and other hardware Zinc plated.	The visible fasteners will be stainless steel which is better than zinc plated, invisible fasteners will be Dacromet	All fasteners shall be of stainless steel

34	II	VII-B, Particular Specification Part-B Escalator	478	6.3.16(g)	Balustrade supports and all other parts All parts constructed from steel or sheet steel shall be either galvanized by hot-dipped process complying with BS 729 or fabricated from hot galvanized sheet steel or with epoxy powder coated finishes. Cast iron assemblies shall be cleaned and painted with corrosion resistant paint.	If hot dip galvanized applied, it will follow standard of GBT9799 which is equivalent with ISO 2081	Tender Condition Prevails
35	II	VII-B, Particular Specification Part-B Escalator	478	6.3.16(h)	Balustrade profiles decking panels, outer cladding panels, skirt panels; 2.0 mm thick for skirt panels & 1.5 mm thick for remaining panels, Grade of steel shall be in accordance with ASTM A 18261T or F-304H OR ASTM A 16761T T-304 or DIN 1.4301 or equivalent	Different requirements for panel thickness, please confirm all the thickness means nominal thickness and can follow related Chinese standard or international standard which allow +/- tolerances on nominal dimensions specified	It is confirmed that the thickness indicated are value of nominal thickness. The tolerances to be followed should be as per the standards mentioned in the tender document
36	II	VII-B Works Requirement - Particular Specification	476	6.3.2	Escalators shall be heavy duty, reversible type and capable of operating safely, smoothly and continuously in both directions for a period of not less than 20 hours a day, seven (7) days a week with a alternating passenger load reaching 100% of Contract Load (120kg per step) for two hour and 50% of Contract Load for the following hour within the environmental conditions as stated in the General Specification and at the location where the Escalators are to be installed	As per EN115-1, the escalators are suitable for intensive use, regularly operating for approximately 140 h/week with a load reaching 100 % of the brake load for a total duration of at least 0.5 h during any time interval of 3 h	The duty cycle requirement has been modified. Please refer to Addendum/Corrigendum
37	II	VII, Work Requirement Particular Specification Part-B, Escalator	479	6.4.1.4	The lower constant lengths from the edge of support to Escalator working point will be assumed as 3347mm while the pit sizes will be assumed as 1750mm (W) x 1350mm (D) x 6500mm (L) for the preparation of civil works.	The lower constant length needs 3495mm Pit width needs 1810mm	Acceptable as per Manufacturer standard
38	II	VII, Work Requirement Particular Specification Part-B, Escalator	479	6.4.1.5	The upper constant length will be assumed as 4000mm for vertical rises below 7.5m, 4500mm for vertical rises between 7.5m to 10m and 4850mm for vertical rises above 10m up to 15m,	The upper constant length needs 4935mm	Acceptable as per Manufacturer standard

39	II	VII-B Works Requirement - Particular Specification Part-B Escalator	480	6.4.4.1	(a) Handrail decks Profile: Minimum 1.5mm thick stainless steel, and profile hairline finish (Grade 304)		
40	II	VII-B Works Requirement - Particular Specification Part-B Escalator	480	6.4.4.1	(b) Inner panels: For stainless steel panels, minimum 1.5 mm thick stainless steel, hairline finish (Grade 304), with reinforcement and sprayed-on fire resistant vibration/ sound attenuating backing subject to the acceptance of the Engineer		
41	II	VII-B Works Requirement - Particular Specification Part-B Escalator	480	6.4.4.1	(c) Outer cladding panels: Minimum 1.5mm thick stainless steel with hairline finish (Grade BS304) in Visible and non-visible sections as per notice of no objection of Engineer. Panels shall be with reinforcement and sprayed - on fire resistant vibration / sound attenuating backing material subject to the acceptance of the Engineer. The cladding shall be provided on all three sides including bottom side.		
42	II	VII-B Works Requirement - Particular Specification Part-B Escalator	480	6.4.4.1	(d) Skirt panels: Minimum 2.0 mm thick stainless steel, hairline finish, with a material of low coefficient of friction such as Teflon or equivalent as notice of no objection without objection by the Engineer applied on the surface.		
43	II	VII-B Works Requirement - Particular Specification Part-B Escalator	481	6.4.4.5	b) Glass and glazing shall gently comply with BS 952 Part 1, BS 5713, BS 6206, BS 6262 and BS EN 14449.	BS 952 Part 1, BS 5713, BS 6206, BS 6262 and BS EN 14449 are building glass standard, it's not applicable for escalator, escalator glass will follow EN12150	Glass following EN-12150 will also be acceptable as an alternative
44	II	VII-B Works Requirement - Particular Specification Part-B Escalator	481	6.4.4.5	d) The balustrade shall be glazed at the entire section from upper to lower newel ends.	The upper and lower newel end will be stainless steel, other position will be glazed	Tender Condition Prevails

45	II	VII-B, Particular Specification Part-B Escalator	482	6.4.5.1	The colour of the handrails shall be black but the Employer reserves the right to select other colours or designs at no extra cost.	Color of the handrail is price sensitive specification. Please decide the color before we provide price	Colour of the handrails shall be Orange
46	II	VII-B, Particular Specification Part-B Escalator	482	6.4.5.2	All handrails shall have inserts and sliding surfaces of endless construction designs, synthetic materials, traction type, with a single, smooth, vulcanised joint. Both the inserts and sliding surfaces shall be made from laminated synthetic elastomeric rubber compound with a low stretch steel cord as reinforcement. The minimum breaking strength of the handrail shall be 25 KN and that of the joint shall be greater than 85% of the minimum breaking strength of the handrail. The hardness of the outer stock shall not be less than Shore 70 5A.	We will provide NT handrail which has better performance in outdoor environment, without vulcanized joint, hardness will be between 80 ~90 °A	Tender Condition Prevails
47	II	VII-B Works Requirement - Particular Specification Part- B Escalator	483	6.4.6.10	The shore hardness of the tyre materials shall be 92 ± 3 A when cured.	The tyre material hardness will be 95 ± 2 A	Tender Condition Prevails
48	II	VII-B Works Requirement - Particular Specification Part- B Escalator	483	6.4.6.11	The minimum diameters of the chain roller and the trailer rollers shall be 75mm. Preference will be given to designs that provide larger roller diameter for Escalator above 8.0 metres vertical rise. The roller shall have a minimum width of 20mm.	Consider this is public transport project, we suggest use diameter of 100mm chain roller and step roller which can support more load and less wear and tear compared to 75mm rollers	There is no contradiction between your requirement and tender condition
49	II	VII-B Works Requirement - Particular Specification Part- B Escalator	483	6.4.6.8	The step chain pin pressure of all Escalators shall not exceed 20N/mm ² with a design life of at least 110,000 operating hours.	Design life of step chain will be 70000 hours	Tender Condition Prevails

50	II	VII-B Works Requirement - Particular Specification Part-B Escalator	484	6.4.7.11	The worms and gears of the machine shall comply with BS721	The worms and gears will follow manufacturer standard	Tender Condition Prevails
51	II	VII-B Works Requirement - Particular Specification Part-B Escalator	484	6.4.7.14	An oil gauge shall be provided in the gear housing to clearly indicate the oil level. An inspection plate shall be provided to check the condition of the gear.	Suitable oil level checking method like small window will be provided. The gears are working in oil and can't be seen from outside, if want to check gear condition, please open the motor and gearbox	Tender Condition Prevails
52	II	VII-B, Particular Specification Part-B Escalator	485	6.5.1	6.5.1.1 Cables, trunking, conduits and conduit fittings necessary for the power, control and lighting circuits shall be installed in accordance with the latest edition relevant BIS standards.	Our product fully comply with EN115-1, please let's know if have any specially demand in BIS standards.	Clause is self Explanatory.
53	II	VII-B, Particular Specification Part-B Escalator	503	8.1.1	iv. Step chains and step axles 15	Step chains and step axles: 8 years	Tender Condition Prevails
54	II	VII-B, Particular Specification Part-B Escalator	503	8.1.1	vi. Main drive assembly 15	If this mean motor & gearbox, it is 70000 hours; if this mean main drive shaft, 15 years is OK	For the purpose of reckoning life Main Drive Assembly is meant to comprise motor, gearbox and main shaft.
55	II	VII, Work Requirement, Particular Specification, Part-A, Elevator	349	3.6	Key dates and Access dates: The 'Key Dates' and 'Access Dates' applicable to this Particular Specification are given in Chapter 21 of this Specification. Chapter 21 Key dates and Access dates (KD1 to KD5 are definitions)	Dates or Periods are not given in Particular spec. Request to clarify the particular dates applicable for Key Dates	The Key Dates & Access Dates have now been provided. Kindly ref to Addendum
56	II	II - Annexure - 3, PS Annexure - 3	443	Annexure - 3	List of DLP Spares	The list of spares given could be from other lift manufactures. So equivalent JOHNSON spares will be provided.	Equivalent Spares shall be allowed

57	II	II-Annexure - 4, PS-Annexure - 4	448	Annexure - 4	Mandatory Spares	The list of spares given could be from other lift manufactures. So equivalent JOHNSON spares will be provided.	Equivalent Spares shall be allowed
58	II	VII, Work Requirement, Particular Specification Part-A Lifts	378	6.19.3	There should be provision of light on the top ledge of elevator door on all landings to ensure proper illumination and their identification. The light should be LED type.	LED light shall be provided on Ground floor with astronomical timer and not required for platform and concourse	Tender Condition Prevails
59	II	VII, Work Requirement, Particular Specification Part-A Lifts	371	6.11.2(a) 6.11.3(d)	A red "Car Overload" indicating lamp with buzzer in both Hindi and English Language.	Car overload can be displayed in car display. No separate indicating lamp required.	Car Overload display is allowed as alternative to indicating lamp if it is provided along with buzzer
60	II	VII, Work Requirement, Particular Specification Part-A Lifts	372	6.13.3	The power supply arrangements for handsets/ intercoms shall be connected with UPS power supply of the station such so as intercoms working shall not be affected by the failure of main supply.	Normally car light and fan are connected to the station UPS. Adding car alarm to UPS not having redundancy. Car alarm can be from a battery source from lift control panel	Tender Condition Prevails
61	II	VII, Work Requirement, Particular Specification Part-A Lifts	374	6.16.1 (g)	Where the gap between the car door sill and surface of the Lift shaft wall exceed 125 mm, galvanized sheet steel fascia plates of not less than 1.5 mm thick shall be provided.	Since Car door lock is provided, the Fascia may not be required.	Tender Condition Prevails
62	II	VII, Work Requirement, Particular Specification Part-A Lifts	376	6.18.3(e)	The control panel shall incorporate an adequately protected permanently located light fixture with a separate switch and a 15A switch socket outlet	5A Socket shall be provided on Inspection Box	Tender Condition Prevails
63	II	VII, Work Requirement, Particular Specification Part-A Lifts	376	6.18.5	An automatic re-leveling device shall be provided which returns the Lift to the floor automatically should the Lift creep down or move up from floor level due to rope stretch for any distance more than 15 mm. This device shall be operative at all floors served whether the landing and car doors are opened or closed.	Re-Leveling may not be required for stations, since the total travel is very less, so the rope elasticity also negligible.	Tender Condition Prevails

64	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	378	6.19.11	In the event of failure of the normal electrical supply, the supply to the alarm cum intercom system, emergency car lighting, and the ventilation fan shall be automatically switched to an emergency battery operated power supply (UPS) of E&M System. The Elevator contractor shall do the necessary interface with E&M contractor for Supply of Armoured Cable up to the Electrical Box of UPS (inside the elevator's shaft) & for routing of armoured cable upto the entry point inside the elevator's shaft.	In case UPS backup is failed Elevator intercom will not function. It is better to have a battery back-up device in lift control panel	UPS Power Supply of E&M Station Shall be used.
65	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	385	6.2.6.5	The contractor shall ensure that there is no water seepage inside MAP and elevator car even due to heaviest of rain.	IP levels of various boxes and panel mentioned in contract. Water entry in cartop should be taken care by the civil contractor, as it depends on the station design.	Although water entry in lift shaft is depending on station design, nevertheless the MAP and Car top should be adequately designed to ward off water entry from condensation or seepage
66	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	382	6.21.5	The power supply indication in MCB for ARD shall be of red colour to properly distinguish it from other power supplies in MCB's.	Red Color MCB'S are not available in market. And it may not be required.	Tender Condition Prevails
67	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	363	6.3.2	The maximum temperature rise of the winding shall not exceed 50°C above ambient temperature when operated under normal condition.	Temperature rise to be suitable to class-F insulation	Clause is self Explanatory, Please follow Tender Condition
68	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	388	6.3	The insulation shall consist of an extruded layer of cross-linked polyethylene complying with IEC 502	IS 7098 can be considered to meet the voltage grade of 1100 V	Tender condition Prevails

69	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	388	6.3	London Transport Executive Three Metre Cube Smoke Emission Test, using optical measuring instruments. The maximum value of absorbance AO (ON), AO (OFF) shall be 0.8 & 1.2 respectively.	IEC 61034 / ASTM 2843-2010 can be considered due to the capability of Indian laboratory. IEC 61034 / ASTM 2843-2010 meet the requirement	Tender condition Prevails
70	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	388	6.3	The conductor shall be of stranded conductor composed of plain annealed copper wire complying with IEC 228, Class 2	IEC 60228/ IS 8130/ IS 1554/ IS 694 shall be considered to meet the requirements.	IEC 60228, Class 2 Shall be followed
71	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	388	6.3	The flame propagating criteria of US IEEE Standard 383, with a minimum test	IEC 60332 PART 1 can be considered due to the capability of Indian laboratory. IEC 60332 PART 1 meet the requirement	Tender condition Prevails
72	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	368	6.8.10	The degree of ingress protection provided by both Car-door and Landing-door to the car and the internal machinery shall be IP-54	For door contacts IP 20 mentioned in clause 6.16.1.F.iii. But here it is mentioned as IP 54. Please clarify.	Tender Condition Prevails
73	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	366	6.8.2	A suitable car frame fabricated from galvanized cold rolled steel, bolted, or welded together to form a rigid structure shall be provided.	Hot rolled will be better option due to its availability as well as to meet the safety factor.	Tender Condition Prevails
74	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	367	6.8.4	The car platform shall be constructed from spray galvanized cold rolled steel with steel flooring	Hot rolled will be better option due to its availability as well as to meet the safety factor.	This is acceptable alternative if Cold rolled Sheet is used.

75	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	374	6.16.3	The response light of the "UP" and "DOWN" indication lanterns shall be green and red respectively when illuminated	The response light of the Up and Down indication lantern shall be RED	Agreed, Kindly ref addendum/Corrigendum No.
76	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	372	6.11.3 e	"UP/DOWN" buttons which shall cause a car to travel in the desired direction. These buttons shall be operative only during the "Attendant" operation.	UP and Down button shall not be separately provided for attendant operation. Use floor buttons for attendant operation	provision of floor number button is accepted
77	IV	XII, BOQ	1037	Statement No. 16A	We confirm that we are solely responsible for obtaining deemed export benefit which we have considered in our tender and in case of failure to receive such benefits for any reason whatsoever, the Employer will not compensate us.	Deemed export benefit is available for projects funded by IBRD, IDA & ADB and other notified External agencies. Please clarify if deemed benefit available for Lift and Escalator works of this project	Bidder to verify its applicability & Quote his bid accordingly
78	I	IV, Bidding Form	131	6	This Guarantee will expire at the earlier of ??? (a) if the applicant is the successful bidder After the end of the bid validity period, i.e., DDMMYYYY (expiry date) Consequently, any demand....above on or before that date, i.e., DDMMYYYY (expiry date)	Kindly specify date	The bid security shall be valid for 148 days from the last date stipulated for submission of the bid.
79	I	IV, Bidding Form	131	4	At the end of the text, add: "This guarantee is non-assignable and non-transferrable." Notwithstanding anything contained herein: Our liability under this bank guarantee shall not exceed Rs.-----/--(Rupees -----only). This bank guarantee shall be valid upto ----- DDMMYYYY (expiry date); We are liable to pay the guaranteed amount or any part thereof under this bank guarantee only if you serve upon us a written claim or demand (and which should be received by us), on or before DDMMYYYY (Claim date) before 2.00 P.M. (Indian Standard Time) whereafter it ceases to be in effect in all respects whether or not the original bank guarantee is returned to us.	Kindly insert this para	Tender condition prevails

80	I	I, Instructi onto bidder II, Bid Data Sheet	17 34	11.2 4.9	JV/Consortium Requirement	As per ITB 11.2, a letter of intent to execute a JV (in our case a consortium) in case of successful bid along with a copy of proposed agreement can be given. However, as per ITB 4.9, we need to sign a consortium agreement at the time of bidding itself. Please clarify. We request you to accept Letter of Intent at the bidding stage	Provisions in ITB 4.9 of BDS Prevails
81	I	II Bid Data Sheet	34	4.10 4.11	Power of Attorney for JV/Consortium	It may not be feasible to convene a special meeting to pass a resolution for bidding (by Lead Member) & for providing authorization to Lead member for bidding (by Other members). The authorized signatories of the Other Members of consortium can provide a Power of Attorney to an authorized signatory of the Lead Member to bid on their behalf. In case of Foreign Members, an appostilled extract of Trade Register containing the list of authorized signatories can be submitted. In case of India entity, recent board resolution authorizing a signatory can be submitted.	Tender Condition Prevails
82	I	II, Bid Data Sheet	35	4.13.f	JV/Consortium Requirement	It is suggested that the Successful Bidders JV/Consortium agreement shall be registered under the relevant act, laws & Provision. Kindly clarify under which statutory authority or department/Govt office this consortium agreement to be registered (or) in the alternate whether an unregistered JV/Consortium can be formed by the Bidders.	JV/Consortium agreement can be registered under the authority of state govt. Of Maharashtra by executing the agreement before the registrar by paying appropriate stamp duty under stamp duty act.
83	I	II, Bid Data Sheet	34	4.9 4.10 4.11	Power of Attorney for JV/Consortium	Kindly confirm whether the bidder can make amendments and additions to the formats provided for consortium agreement/Board Resolution /Power of Attorney in ITB 4.9/4.10/4.11 (or) in the alternate whether the Bidder can provide its own formats in existence.	Tender Condition Prevails

84	I	II, Bid Data Sheet	45	19.8	Bid Security	This is to clarify that Lead Member can submit the full amount Bid Security on behalf of the consortium. In such a case, other consortium members need not provide any bid security	Tender Condition Prevails
85	I	I, Instruction to bidder	12 33	4.1	JV/Consortium Requirement	If awarded, we intend to form a consortium instead of a Joint Venture between Indian entity and our Parent Company. At the time of bidding a Letter of Intent to this effect would be submitted as per tender conditions.	Tender Condition Prevails
86	I	II, Bid Data Sheet	33	4.1	"The authorized representative from lead member only shall be signatory of the bid"	In case the lead member is a Foreign partner, kindly allow the authorized representative of the India entity to sign	Tender Condition Prevails
87	II	VII, Work Requirement, Particular Specification Elevator	352	4.10	If elevator is kept out of service for more than 24 hrs due to non-availability of Spares or due to lack of proper attention. NMRCL shall impose a penalty of Rs. 15,000/- (Rs Fifteen Thousand Only) per day for each such case. The penalty shall be applicable during DLP and AMC. The Employer will assess the reasons for the equipment not being in service, accordingly the penalty will be imposed. The Employer decision is final.	Customer Misuse and external reason must be excluded from Penalty	Clause is self explanatory, Tender Condition Prevails
88	II	VII, Work Requirement, Particular Specification Elevator	472	4.11	"Accident" resulted because of any of the above defect. If engineer visits to the site for non-schedule maintenance for the failures as defined above, should not exceed 2 on any one of the Escalators in a year. The average call out ratio should not exceed 1.5 for No of Escalators provided by the bidder under this contract on the concerned line. The period one year will commence from date of Revenue Operation /Taking over whichever is later. If the visit of engineer for non-schedule maintenance exceeds 2 per Escalators per year or 1.5 average callout ratio exceed, a penalty of Rs. 15,000/- (Rs Fifteen Thousand Only) shall be imposed for each such visit. The penalty shall be applicable during DLP and AMC.	Need to exclude external reasons from the calculation and it must be cumulative for both Elevator and Escalator.	Clause is self explanatory, Tender Condition Prevails
89	I	II, Bid Data Sheet	35	4.15	Tax Clearance Certificate for JV/Consortium	For Foreign partner (parent company), it may not be feasible to provide tax certificates/acknowledgements. Audited Balance sheets can be provided.	Tender Condition Prevails

90	II	VII, Work Requirement, Particular Specification Elevator	352	4.9	The reliability of equipment should be of the level that it does not result in harming to passenger in the Escalator due to equipment failure. Any claim/ Damage / Compensation claimed by the affected passenger/ Escalator user on account of equipment failure shall be recovered from the firm. In addition, NMRCL may impose a penalty @ Rs.15, 000 (Rs. Fifteen Thousand Only) per case.	Customer Misuse and external reason must be excluded from Penalty	Clause is self explanatory, Tender Condition Prevails
91	II	VII, Work Requirement, Particular Specification Elevator	352	4.9	The Reliability measure for the Escalators shall be the Mean Time between Maintenance Action (MTBMA). The Escalators shall achieve a MTBMA of not less than 7 days	Only Corrective Maintenance alone to be considered for MTBMA calculation. Preventive Maintenance to be excluded	Clause is self explanatory, Tender Condition Prevails
92	II	VII, Work Requirement, Particular Specification Elevator	359	6.2	The Reliability requirements of this PS shall be subsidiary to the Availability and Maintainability requirements of this PS. The reliability of equipment should of the level that it does not result passenger trappings in the Lift due to equipment failure. Any claim/ Damage / Compensation claimed by the affected passenger/ Lift user on account of equipment failure shall be recovered from the firm. In addition, NMRCL may impose a penalty @ Rs.15,000 (Rs. Fifteen Thousand Only) per case. This penalty is applicable during DLP and AMC.	Customer Misuse and external reason must be excluded from Penalty	Clause is self explanatory, Tender Condition Prevails
93	II	VII, Work Requirement, Particular Specification Elevator	359	6.2	The Reliability measure for the Lifts shall be the Mean Time between Maintenance Action (MTBMA). This covers both preventive as well as corrective maintenance. The Lifts shall achieve a MTBMA of not less than 7 days.	Only Corrective Maintenance alone to be considered for MTBMA calculation. Preventive Maintenance to be excluded	Clause is self explanatory, Tender Condition Prevails

94	II	VII, Work Requirement, Particular Specification Elevator	360	6.2	The call out ratio i.e. engineer visits to the site for non-schedule maintenance for the failures as defined above, should not exceed 2 on any one of the Elevators in a year. The average call out ratio should not exceed 1.5 for the Elevators provided by the bidder under this contract on the concerned line. The period one year will commence from date of Revenue Operation / Taking over whichever is later. If the visit of engineer for non-schedule maintenance exceeds 2 per Elevators per year or 1.5 average call out ratio exceed, a penalty of Rs. 15,000/- (Rs Fifteen Thousand Only) shall be imposed for each such visit. The penalty shall applicable during DLP and AMC	Need to exclude external reasons from the calculation and it must be cumulative for both Elevator and Escalator.	Clause is self explanatory, Tender Condition Prevails
95	I	II, Annexure IIA. Toolkit	64	10	Experience Certificates, Summary of Payment details certified by CA	Due to contract confidentiality clause, it may not be possible to share copies of the work order/ summary of payment details etc. Please waive off this condition. Completion Certificate mentioning the no. of units completed can be provided. Completion Certificate may or may not have the contract value	Tender Condition Prevails
96	I	II, Bid Data Sheet	40	10.1	Translation of supporting documents	It is mentioned that Apostille certificate is required for the translated document. This means that the document has to be translated at the country of origin/issue. However, we request that translation done in India in English language should be accepted. For example if the completion certificate is in Chinese language, the translated document prepared in India should be acceptable	Tender Condition Prevails
97	I	II, Bid Data Sheet	44	14.12	Project Import chapter 98.01 of Custom Tariff Act	As per BOQ, prices for imported material shall be quoted on CIF basis. Custom Duty will be reimbursed at actuals by NMRCL after availing necessary exemptions. Please clarify	This clause is not applicable, kindly ref Addendum/ Corrigendum
98	I	II, Bid Data Sheet	50	35.5	Additional Performance Guarantee	Please confirm the estimated cost of proposed work	Kindly ref addendum/ Corrigendum
99	II	VII, Work Requirement, Particular Specification Elevator	471	4.10	If escalator is kept out of service for more than 24 hrs due to non -availability of spares or due to lack of proper attention, NMRCL shall impose a penalty of Rs. 15000/- (Rs. Fifteen Thousand Only) per day, for each such case. The penalty shall applicable during DLP and AMC.	Customer Misuse and external reason must be excluded from Penalty	Clause is self explanatory, Tender Condition Prevails

100	II	VII, Work Require ment, Particul ar Specifica tion Elevator	471	4.10	The Employer will assess the reasons for the equipment not being in service, accordingly the penalty will be imposed. The Employer decision is final. The measure for Availability for the Escalators shall be based on failure reported. The Escalators shall achieve minimum availability of 99.9% calculated as above For the purposes of availability calculations, the Contractor shall assume that the service operating hours are 20 hours per day (04:00 am to 00:00 hrs. midnight), for 365 days a	Need to exclude External reasons from the calculation and it must be cumulative for both Elevator and Escalator.	Clause is self explanatory, Tender Condition Prevails
101	II	VII, Work Require ment, Particul ar Specifica tion Elevator	472	4.11	The maintainability shall measure by fault rectification time which should not exceed 4 hours since its reporting to contractor call centre or his representative by OCC/ NMRCL	Need to exclude external reasons from the calculation and it must be cumulative for both Elevator and Escalator.	Clause is self explanatory, Tender Condition Prevails
102	I	III, Evaluati on & Qualifyi ng Criteria	72	4.2(a)	Evaluation & Qualification Criterion - Specific Construction & Contract Management Experience	In case of Consortium, it is mentioned that "All Parties Combined - Must Meet Requirement". Further is also mentioned that "Lead Member must meet complete requirement". This is contradictory. We request that this should be restricted to "All Parties Combined - Must Meet Requirement" only and condition for Lead Member meeting the whole requirement should be removed. Since this is a combined tender for elevators and escalators, if our parent company (who will be our consortium partner) meets requirement for escalators, we, the Indian subsidiary, can meet the elevator requirement. Therefore, jointly we can meet the qualification criterion, but may not meet individually.	Kindly ref addendum/ Corrigendum

103	I	III, Evaluation & Qualifying Criteria	72 56	4.2(a) Notes	Evaluation & Qualification Criterion - Specific Construction & Contract Management Experience	Due to contract confidentiality clauses, it may not be possible to share the contract values of previously awarded/executed contracts. Therefore, we request you to change the condition to suitable minimum number of elevators/escalators instead of mentioning monetary values. Also, it may not be feasible to share the work order copies on account of confidentiality clause. Completion certificates mentioning the no. of units can be provided. Completion Certificate may or may not have the contract value	Kindly addendum/ Corrigendum	ref
104	I	III, Evaluation & Qualifying Criteria	72	4.2(b)	Evaluation & Qualification Criterion - Maintenance Contract & Experience	In case of Consortium, it is mentioned that "All Parties Combined - Must Meet Requirement". Further is also mentioned that "Lead Member must meet complete requirement". This is contradictory. We request that this should be restricted to "All Parties Combined - Must Meet Requirement" only and condition for Lead Member meeting the whole requirement should be removed. Since this is a combined tender for elevators and escalators, if our parent company (who will be our consortium partner) meets requirement for escalators, we, the Indian subsidiary, can meet the elevator requirement. Therefore, jointly we can meet the qualification criterion, but may not meet not individually.	Kindly addendum/ Corrigendum	ref
105	I	III, Evaluation & Qualifying Criteria	72	4.2(b)	Evaluation & Qualification Criterion - Maintenance Contract & Experience	We request you to consider the period starting from 1st March 2001 to 31st March 2016. Any intermediate five years in the period should be considered. Also, kindly confirm if the requirement is on cumulative basis or in each of the five years, the qty mentioned should be under AMC. Kindly keep it on cumulative basis only	Kindly addendum/ Corrigendum	ref

106	II	VII, Work Require ment Particul ar Specifica tionPart- B Escalato r	476	6.2	Normal speed(step band speed) 0.5m/s & 0.65m/s	Recommended to use 0.5m/s	Tender Condition Prevails
107	II	VII, Work Require ment General Specifica tion Part- A	382	6.23	Spring buffers to be provided in pit	Polyurathene buffers can be provided instead of spring buffer. Kindly consider	Tender Condition Prevails
108	II	VII, Work Require ment General Specifica tion Part- A	383	6.24	All hardwares , fastening,screws and shims shall be hot dipped galvanised. However visible screws/fastners shall be stainless steel.	Please consider M.S. passivated.	Tender Condition Prevails
109	II	VII, Work Require ment General Specifica tion Part- A	389	6.32	Acceleration/deceleration shall be adjustable	Acceleration/deceleration is considered based on the performance and it is not advisable to change at site, So kindly requested to have fixed acceleation/deceleration	Tender Condition Prevails
110	II	VII, Work Require mentGe neral Specifica tion	238	8.1	Storage	Storage space is not defined properly. It will be open to sky or closed. On chargeable basis or freely it will be provided.	Clause is self explanatory
111	II	VII, Work Require mentGe neral Specifica tion	238	8.2	Packaging to be done as specified in this clause. Water proof packing	Clarification needed	requirement is not clear, tender condition prevails
112	II	VII, Work Require ment General Specifica tion Part- A	317	22.12	Electrical motor should be totally enclosed fan cooled type as per BS 4999:Part 105 shall be used	Permanent magnet synchronous motor (PMSM) type will be provided having intermittent periodic duty S3 as per IEC 60034 due to VF drives which limits starting current & ensures smooth stop.	Tender Condition Prevails
113	II	VII, Work Require ment General Specifica tion Part- A	368	6.8.10- iii)-d)	The Fire rating of the glass for Car door shall be complying with the requirement as per the National Building Code	Lift car door has no fire rating requirement. This is deleted in the NBC-2015 (draft). Thus, this requirement may please be deleted.	Tender Condition Prevails

114	II	VII, Work Require ment General Specifica tion Part- A	367	6.8.6	Toe guard for elevators shall be made of galvanised sheet steel	Kindly consider M.S. sheet also.	Tender Condition Prevails
115	II	VII, Work Require ment General Specifica tion Part- A	189	1.7.3	The contractor shall note that the drawings included but marked "for information only"	Requested to provide architect drawing shaft plan & elevations	Will be Provided, Kindly ref addendum/ Corrigendum
116	II	VII, Work Require mentPart icular Specifica tionPart- B Escalato r	554	17.1.3	Non working hours should be excluded, since elevator will not be running and moving from one station to another is not possible	Non working hours should be excluded, since elevator will not be running and moving from one station to another is not possible	Clause is self explanatory, Tender Condition Prevails
117	II	VII, Work Require mentGe neral Specifica tionPart- A	283	17.13.13	The Contractor shall on demand pay to the Employer any loss of revenue and additional expenditure which in the opinion of the Engineer has been incurred by the Employer by reason of the rescheduling of services by the Employer due to the Contractor obstructing the Railway or interfering with the control or train control system or electrical equipment other than for a period for which a Restriction and/or Possession and/or Isolation has been given.	Limitation for recovery from Contractor by employer need to be fixed.	Tender condition prevails
118	II	VII, Work Require ment General Specifica tion Part- A	346	2.2.2-g)	Fire safety requirements as per NFPA-130 code.	Please also consider as per IS codes	Tender Condition Prevails
119	II	VII, Work Require ment General Specifica tion Part- A	347	3.2-xii)	All equipments, fixtures and material required for interface with other contractors	Please define scope of work and drawings	Please Ref Interface Requirement Specified in Appendix A
120	II	VII, Work Require ment Particul ar Specifica tionPart- B Escalato r	471	4.10.1	The Escalators shall achieve minimum availability of 99.9%. Contractors shall assume the service operating hours to be 20 hours a day for 365 days in a year for the design life.	Please clarify whether Operating hours is to be considered as 20 Hours, Since GS 14.3.1 Says 0900 to 1700. Customer related calls to be excluded. Also re-consider the Availability requirement of 99.9%, taking into context the Indian Operating conditions..	Tender Condition Prevails

121	II	VII, Work Require ment General Specifica tion Part- A	353	4.12.1-d)	The installation shall meet the fire safety requirements generally as per NFPA-130		
122	II	VII, Work Require ment General Specifica tion Part- A	353	4.13.1-4)	Code-Relevant indian standards,IEC standards,EN standards,British standards and other National/International standards as applicable	EN81-1, IS14665 code and National building code followed. Rest all codes requirements may be deleted.	Tender Condition Prevails
123	II	VII, Work Require ment General Specifica tion Part- A	355	4.16.1	IS1860 & IS7759	These codes are deleted and replaced by IS14665	Latest Standard will be followed
124	II	VII, Work Require ment General Specifica tion Part- A	355	4.16.1	IS1860 & IS7759	These codes are deleted and replaced by IS14665	Latest Standard will be followed
125	II	VII, Work Require ment Particul ar Specifica tionPart- B Escalato r	474	4.16.2	Fire safety requirements as per NFPA-130 code.	Please also consider as per IS codes	Tender Condition Prevails
126	II	VII, Work Require ment Particul ar Specifica tionPart- B Escalato r	352	4.9.1	Both preventive as well as corrective maintenance. The Lifts shall achieve a MTBMA of not less than 7 days.	Non working hours should be excluded, since elevator will not be running and moving from one station to another is not possible	Tender Condition Prevails
127	II	VII, Work Require ment Particul ar Specifica tionPart- B Escalato r	496	6.10.4	Additional feature for Semi-outdoor Type Escalators	Please provide us with a schedule of semi-outdoor units and indoor units	Will be Provided, Kindly See Addendum/ Corrigendum

128	II	VII, Work Require ment General Specifica tion Part- A	374	6.16.1 (f) iii	The locking device (door contact switch) shall have at least IP-20 protection.		Degree of Ingress Protection shall be IP 54
129	II	VII, Work Require ment General Specifica tion Part- A	374	6.16.1-- g)	Landing facia -- galvanised sheet steel full shaft height	Kindly consider M.S.sheet as per IS14665 code provided	Tender Condition Prevails
130	II	VII, Work Require ment General Specifica tion Part- A	376	6.18.2	The water sensors in the Lift pits shall be provided wherever pits are on the ground level or below the ground level.	Please confirm the requirement.	Clause is self explanatory, Tender Condition Prevails
131	II	VII, Work Require ment General Specifica tion Part- A	378	6.19.7	Maintenance Access Panel (MAP) & Shaft Electrification Panel (SEP) shall be IP-55, pilfer proof.	Map panel to be considered as IP54 protection. SEP panels being inside the shaft need not be IP 55. Plaese confirm.	Tender Condition Prevails
132	II	VII, Work Require mentPart icular Specifica tionPart B Lift	358	6.2.2	Elevators should be designed for 10 lacs operations per year	For 20 hours elevator operation per day, maximum door operations will reach 8 lakhs only. Kindly consider.	Tender Condition Prevails
133	II	VII, Work Require ment General Specifica tion Part- A	361	6.2.7	Shaft size 2500 w x 1900d for non hanging type and 2500 w x 2100 d for hanging pit.	Clear shaft size as specified to be provided throughout shaft length devoid of any projections/columns.	Clear shaft size will be available
134	II	VII, Work Require ment General Specifica tion Part- A	379	6.20.1	Lift monitoring panel, LED based.	We have proven backlight based Lift Monitoring panel with a) Power available b) working c) under fault d)under maintenance e) alarm button pressed f) Buzzer test button. Please confirm whether we can offer this standard design.	Kindly ref Addendum/ Corrigendum
135	II	VII, Work Require mentPart icular Specifica tionPart B Lift	363	6.3.2 (a)	Motor shall be AC synchronous / asynchronous axial type with high starting torque.		Tender Condition Prevails

136	II	VII, Work Require ment General Specifica tion Part- A	364	6.4.5	Compensation chains shall be galvanised.	Compensation chain is required for travel more than 30m because of balancing issue. Our project will not be required comp. chain	Tender Condition Prevails
137	II	VII, Work Require ment Particul ar Specifica tion Part- B Escalato r	482	6.4.5.6	Provisions shall be made to permit checking of alignment of the newel wheel on site.	Please explain the type of newel wheels required in detail	Clause is self explanatory, Tender Condition Prevails
138	II	VII, Work Require ment Particul ar Specifica tion Part- B Escalato r	483	6.4.6.5	All chain pins shall be circlipped.	Please confirm whether we can use an alternative heavy duty design where, every 3rd pin is circlipped and others punched.	Tender Condition Prevails
139	II	VII, Work Require ment Part icular Specifica tion Part B Lift	365	6.7.4	The bracket should be fixed to PCC blocks or RCC beams. It is the sole responsibility of the elevator contractor to interface with the civil contractor, to satisfy himself about the shaft strength, before taking up installation	Please specifically confirm that you will provide RCC tie beams at specified levels in GA. kone will coordinate with the civil contractor. Ensuring the strength should be the responsibility of the civil contractor	Clause is self explanatory, Tender Condition Prevails
140	II	VII, Work Require ment General Specifica tion Part- A	368	6.8.10	Maintenance Access Panel (MAP) panel shall be scratch resistance SS	Please consider MAP panel of stainless steel 304 finish.	Tender Condition Prevails
141	II	VII, Work Require ment General Specifica tion Part- A	368	6.8.10	COP panel shall be scratch resistance SS	Please consider stainless steel 304 finish.	Tender Condition Prevails
142	II	VII, Work Require ment General Specifica tion Part- A	369	6.8.10	The degree of ingress protection provided to car door & landing door internal machinery shall be IP-54.	Require clarity on IP-54 protection for car as this is normally given for electrical switchgear. Next, whether the degree of protection required is IP-54 or IP-20 ?	Tender Condition Prevails

143	II	VII, Work Require ment General Specifica tion Part- A	368	6.8.10 (b)	Car finishes ,landing doors,car doors- scratch resistant stainless steel	Kindly Confirm that the car finishes are scartch resistant S.S. or SS 304 Hairline finish?	Tender Condition Prevails
144	II	VII, Work Require ment General Specifica tion Part- A	368	6.8.10 -a) i	Landing transom panels	To be changed to landing architrave panels	Tender condition prevail
145	II	VII, Work Require ment General Specifica tion Part- A	366	6.8.1-c)	Roller guide shoes	Roller guide shoes are required where the travel and speed is more, In our project most of the elevators are 2 stops, sliding guide shoe will be the requirment. So kindly include Sliding guide shoes	Both Roller Guide or Sliding Guide shoes are allowed.
146	II	VII, Work Require ment General Specifica tion Part- A	367	6.8.7	Noise level in car 50 dBA	Kindly Consider 55 dBA	Tender Condition Prevails
147	II	VII, Work Require ment General Specifica tion Part- A	367 & 378	6.8.9 & 6.19.11	All hoistway and car top safety switches and car junction box shall be rated to IP class 55 (minimum)	These all are inside the shaft need not be IP 55. Plaese confirm.	Tender Condition Prevails
148	II	VII, Work Require ment General Specifica tion Part- A	369	6.9.1	Unless otherwise specified, the car & landing door panels shall be imperforate & fabricated from stainless steel hairline (grade 304) finish of atleast 1.5 mm thick.		Tender Condition Prevails
149	II	VII, Work Require ment General Specifica tion Part- A	369	6.9.1	Car and landing door sill aluminium extruded 5 mm thick	Kindly Consider 4mm thick	Tender Condition Prevails
150	II	VII, Work Require mentGe neral Specifica tion	247	9.4.7	Service trial	Maximum time for trial run is not defined, Kindly specify	Maximum Time for Trial will be as per Commissioning Program

151	II	VII, Work Require ment General Specifica tion Part A	940	Annexur e-IX C	5D BIM system digital project management platform-- documents,drawings uploads	Please clarify requirement and also provide more details	Please Ref Revised 5D BIM Requirement
152	III	VIII, General Conditio ns (GC)	699	18.3	Insurance against injury to persons and damage to property	This insurance shall be for a limit per occurrence of not less than the amount stated in the Contract Data, with no limit on the number of occurrences. If an amount is not stated in the Contract Data, this Sub-Clause shall not apply.	Clause is self explanatory
153	III	VIII, General Conditio ns (GC)	700	18.4	The Contractor shall effect and maintain insurance against liability for claims, damages, losses and expenses (including legal fees and expenses) arising from injury, sickness, disease or death of any person employed by the Contractor or any other of the Contractor's Personnel.	The insurance shall cover the Employer and the Engineer against liability for claims, damages, losses and expenses (including legal fees and expenses) arising from injury, sickness, disease or death of any person employed by the Contractor or any other of the Contractor's Personnel, except that this insurance may exclude losses and claims to the extent that they arise from any act or neglect of the Employer or of the Employer's Personnel.	Clause is self explanatory
154	III	IX, Particul ar Conditio n of Contract	760	46, 14.1	Custom Duty Benefit under chapter 98.01 of custom tariff act	As per BOQ (Part 4), Point No 2.4-a Page 956, prices for the imported material are to be quoted on CIF basis. Therefore, as per CIF Incoterms 2010, prices will be exclusive of Custom Duty. However in Particular Conditions it is mentioned that Custom Duty shall be included in the price. Please clarify	Kindly ref addendum/ Corrigendum
155	I	I, Instructi on to Bidders	12	4		Eligible Bidders - Joint Venture- Instead of JV, can a Consortium Agreement be submitted?	The standard format, Form-8 i.e. Joint bidding agreement clearly mentions JV/Consortium.
156	I	II, Bid Data Sheet	45	19.8	The bid security, as specified in Section-II BDS, Cl No. 19.1 can be submitted by JV/Consortium or lead member only on behalf of the JV/Consortium.	Does this means that lead member can also give security bid Bank Guarantee on behalf of Consortium on his name alone.	Tender Condition Prevails
157	I	II, Bid Data Sheet	44	18.3 (a)	The bid price shall not be adjusted in event of delay of award.	in Clause ITB 18.1 bid validity period shall is 120 days whereas in this clause Bid price shall not be adjusted in event of delay of Award. Please clarify.	Tender Condition Prevails

158	I	I, Instruction to Bidders	21	19.1, 10.8		Bid Security - In case of JV, Can a Bid Security be submitted by Lead Partner instead of JV, as the JV has not been legally constituted	Tender Condition Prevails
159	I	IV, Bidding Form	136	Form 8	Form 8 Joint Bidding Agreement	JV/Consortium Agreement format- Cl. 15 Consortium Bank Account - Bnak Account cannot be open as each Partner dotn have a legally enforceable office, so can we delete this clause No, 15?	Tender Condition Prevails
160	I	IV, Bidding Form	146	Form 9	Form 9 Power of Attorney Format	Power of Attorney Format - Are we allowed to amend the Power of Attorner format with minor changes	Tender Condition Prevails
161	I	IV, Bidding Form	134	Form of JV	Form of Joint Bidding Agreement	JV /Consortium Agreement - Stamp Paper Amount, Can we change the format or can we have our own JV/Consortium Agreement.	Tender Condition Prevails
162	I	IV, Bidding Form	134	Form-8	Form of Joint Bidding Agreement	Is contractor allowed to use their own Consortium agreement format, as per their company practice.	Tender Condition Prevails
163	I	IV, Bidding Form	139	Form-9	Form of Legal Capacity / Power of Attorney A. Format for Board Resolution	Is contractor allowed to use their own Board resolution format, as per their company practice.	Tender Condition Prevails
164	I	IV, Bidding Form	146	Form-9	Form of Legal Capacity / Power of Attorney D.Power of Attorney to be provided by each of the Members of the Consortium (other than the Lead Member) in favour of the Lead Member (E) Format for PoA for Lead Member POWER OF ATTORNEY	Is contractor allowed to use their own Power of Attroney format, as per their company practice.	Tender Condition Prevails
165	I	II, Bid Data Sheet	46	ITB 20.3	ITB 20.3	Digital Signature Letter of Authority by all Consortium Partners notarised- Can lead Member sign on behalf of all Consortium Partners and any specific format	Tender Condition Prevails
166	I	II, Bid Data Sheet	34	ITB 4.10	ITB 4.10	Power of Attorney format - Are we allowed to amend the Power of Attorner format with minor changes	Tender Condition Prevails
167	I	II, Bid Data Sheet	34	ITB 4.11	ITB 4.11	Board Resolution format - Are we allowed to amend theBoard Resolution format with minor changes	Tender Condition Prevails
168	I	II, Bid Data Sheet	34	ITB 4.8		Bidder is not banned neither blacklisted by Govt, an Undertaking to be submitted- Is there any format of undertaking, plz share.....?	Kindly refer Part- Bidding Procedure Section IV- Bidding Forms; Form No. 23 Declaration of Undertaking; Page No. 168
169	I	II, Bid Data Sheet	34	ITB 4.9		Consortium Agreement format- Are we allowed to amend the Agreement format?	Tender Condition Prevails

170	I	IV, Bidding Form	140	Form 9	A - Board Resolution	Board Resolution format - Are we allowed to amend the Board Resolution format with minor changes	Tender Condition Prevails
171	I	II, Bid Data Sheet	673	13.7	Adjustments for Changes in Legislation - The Contract Price shall be adjusted to take account of any increase or decrease in Cost resulting from a change in the Laws of the Country (including the introduction of new Laws and the repeal or modification of existing Laws) or in the judicial or official governmental interpretation of such Laws, made after the Base Date, which affect the Contractor in the performance of obligations under the Contract.	This clause contradicts to the clause mention in Part 1 section II ITB 14.5 which says Price adjustment / variation during the contract period shall not be applicable. Also Part IV- BOQ (page 996) states that "The Tenderer shall note that this is a fixed priced contract". Please clarify whether this is a fixed price contract or adjustment is allowed due to change in the Laws after tender submission.	Clauses are self explanatory, this is a fixed price contract. However, for change in legislation related with taxes, provision of clause no. 44 of particular condition of contract may also be referred to.
172	I	I, Instruction to Bidder	17	8.3	To give Bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer may, at its discretion, extend the deadline for the submission of bids, pursuant to ITB 22.2	Please specify the minimum time in case of any addendum	Reasonable time will be given
173	I	II, Bid Data Sheet	50	35.5	If bidder's quoted price is lower than the 10% of the estimated cost of the proposed work, additional performance guarantee at the rate of 10% of the difference of the lowest allowable limit of quoting and quoted price by the bidders is to be furnished along with the normal performance guarantee	Why this additional Performance Bank Guarantee when price will be reduced by > 10%. Please clarify?	Kindly refer addendum/ Corrigendum
174	I	III, Evaluation & Qualifying Criteria	71	4.2 (a)	4.2 (a) Specific Construction & Contract Management Experience The Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators and/or Escalator for Metro, Airport and Sub-urban Railways completed in last 10 years	In Joint Venture / Consortium setup, All parties combined is mentioned as " Must meet requirement" & Any one member as " Lead Member must meet complete requirement". This is contradicting with each other. For Consortium/JV setup, Any one member cell is not relevant & hence needs to be " not applicable". Please modify the same.	Kindly refer addendum/ Corrigendum
175	I	III, Evaluation & Qualifying Criteria	72	4.2 (b)	4.2 (b) Maintenance Contract & Experience The bidder must have successfully carried out post DLP AMC of 130Nos of Elevators and 193Nos of Escalator for continuous period of 5Year for airport/Metro/sub-urban railways as on date of tender submission. Startin	The bidder must have successfully carried out post DLP AMC of 130Nos of Elevators and 193Nos of Escalator for continuous period of 5Year for airport/Metro/sub-urban railways. <u>Request to add the following criteria</u> " Commercial and residential Building as on date of tender submission. Startin or Indian partner should have minimum 10 years maintenance setup with 5000 unit service base".	Kindly refer addendum/ Corrigendum

176	I	IV, Bidding Form	165	Form 20	Form 20 Undertaking for critical spares	Availability of critical spares during their service life, what is the number of years considered as service life	Service Life considered as 30Years
177	I	IV, Bidding Form	105	Form PER-2	Summarize professional experience over the last 20 years, in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.	Kindly consider the Minimum Experience 10 year with Qualification BE/Btech and 15 Year with Diploma	Kindly refer addendum/Corrigendum
178	I	II, Bid Data Sheet	33	ITB 4.1	Maximum number of Members in JV shall be 2 (TWO) -	Elevator and Escalator Factories are different. This is joint tender for Elevator and Escalator, so request to consider maximum 3 Members in JV/Consortium.	Kindly refer addendum/Corrigendum
179	I	II, Bid Data Sheet	35	ITB 4.12	For a Power of Attorney executed and issued overseas, the document will also have to be endorsed by the Indian Embassy or registered with appropriate statutory authority in the jurisdiction & as per that law of the country, where the Power of Attorney is being issued. However, the Power of Attorney provided by a Bidder from a country which has signed the Hague Legislation Convention 1961 is not required to be endorsed by the Indian Embassy if it carries a conforming Appostille certificate	Kindly allowed to do "Apostile" of Power of Attorney and Nortarization of Consortium agreement within 60 days of award letter. The process of getting the document "Apostile" is very tedious& lengthy.	Should be complied as per Tender, Tender Condition Prevails
180	II	VII-B, Particular Specification Part-B Escalator	471	4.10	NMRCL shall impose a penalty of Rs. 15000 per day for each such case Penalty Rs.15000 is too high	kindly consider Rs.5000 Only	Tender Condition Prevails
181	II	VII-B, Particular Specification Part-A Elevator	352	4.10	NMRCL shall impose a penalty of Rs. 15000 per day for each such case	Penalty Rs.15000 is too high kindly consider Rs.5000 Only	Tender Condition Prevails
182	II	VII-B, Particular Specification Part-A Elevator	372	6.12	Big Size Car Position Indicator	Please give the option of LED display also	LED Display can be accepted as a alternative
183	II	VII-B, Particular Specification Part-A Elevator	388	6.30	All Control cables shall be rated for minimum grade of 650V and all power cables for minimum grade of 1100 V.	Please consider cable rating as per IEC code	Tender Condition Prevails

184	II	VII-B, Particular Specification Part-B Escalator	495	6.9	All Escalator shall be equipped with a sprinkler system in the landing pits and machine room.	In elevated station Sprinkler system are not used, so requested you to delete Sprinkler system	As per Tender Condition Provision shall be made
185	II	VII-B, Particular Specification Part-B Escalator	508	10.8.2	One Unit selected by the engineer for each range of motors supplied for this contract .	Motor Type test kindly consider one motor test and for other motor consider old certificate which is not older than 5 years if not available than ask new test report.	Tender Condition Prevails
186	II	VII-B, Particular Specification Part-B Escalator	560	18.3.1	Four sets of portable Lap top computer	Kindly provide the actual specification required for laptop	Portable Laptop/ Notebook with latest hardware configuration as approved by engineer during design stage
187	II	VII-B, Particular Specification Part-B Escalator	472	4.11.6	If the visit of engineer for non-schedule maintenance exceed 2 per escalator per year or 1.5 average callout ratio exceed, a penalty of Rs.15000/- shall be imposed for each such visit. The Penalty shall applicable during DLP and AMC.	Penalty Rs.15000 is too high kindly consider Rs.5000 Only	Agreed, Kindly ref Addendum/ Corrigendum
188	II	VII-B, Particular Specification Part-B Escalator	468	4.3.2 (C)	Design Life 30 Years	As per clause 8.1.1 maximum component life required 15 Years so please clarify meaning of Design life 30 Years	Design life of 30Years is meant by continued usability of Car Body, Car Frame, Rails, Guides, winch, Buffers, Truss with regards to safety and reliability
189	II	VII-B, Particular Specification Part-A Elevator	350	4.3.2 (d)	iii) Design Life 30 Yeaars As per clause 8.1.1 maximum component life required 20 Years	so please clarify meaning of Design life 30 Years	Design life of 30Years is meant by continued usability of Car Body, Car Frame, Rails, Guides, winch, Buffers, Truss with regards to safety and reliability
190	II	VII-B, Particular Specification Part-A Elevator	350	4.3.2 (d)	xvii) Maximum utilization of indigenous material and skills, subject to quality conformity	Kindly define the component name which can be supply locally.	This has been left within the scope of bidder.

191	II	VII-B, Particular Specification Part-B Escalator	469	4.3.2 (q)	Maximum utilization of indigenous material and skills, subject to quality conformity	Kindly define the component name which can be supply locally.	This has been left within the scope of bidder.
192	II	VII-B, Particular Specification Part-B Escalator	470	4.9.1	Any Claim /Damage /Compensation claimed by the affected passenger /Escalator user on account of Equipment failure shall be recovered from the firm. In addition NMRCL may impose a penalty @ Rs.15000.	Penalty @ Rs.15000 is too High so requested you pls consider penalty @ Rs.5000	Incidence of Claim/ Damage/ Compensation claimed by user of lift or escalator is very critical to NMRCL. Tender Condition Prevails
193	II	VII-B, Particular Specification Part-A Elevator	352	4.9.1	Any Claim /Damage /Compensation claimed by the affected passenger /Escalator user on account of Equipment failure shall be recovered from the firm .In addition NMRCL may impose a penalty @ Rs.15000.	Penalty @Rs.15000 is too High so requested you pls consider penalty @Rs.5000	Tender Condition Prevails
194	II	VII-B, Particular Specification Part-B Escalator	496	6.10.3	Accessories	Same accessories are mention in Annexure 7 page 450 so kindly requested to delete the same accessories from Annexure 7	Clause is self Explanatory, Tender Condition Prevails
195	II	VII-B, Particular Specification Part-A Elevator	371	6.11.1	Car operating panels and car call buttons shall be ergonomically designed and of robust construction to the Engineer acceptance. The car operating panel shall be integrated and flush mounted, on one of the side panels. All buttons shall be of Jumbo Size with minimum dimension of 50 mm X 50 mm on the panel shall be of robust design and construction and flush with the panel.	Please Consider . All buttons shall be of Jumbo Size with minimum dimension of 38 mm X 38 mm on the panel shall be of robust design and construction and flush with the panel.	Tender Condition Prevails
196	II	VII-B, Particular Specification Part-A Elevator	371	6.11.2(a)	The faceplate shall be made of scratch resistant stainless steel grade 304 finishes. Specifications/ features of various items to be provided in COP are following: A red "Car Overload " indicating lamp with Buzzer in Hindi and English Language	Kindly Clear The faceplate and COP shall be made of scratch resistant stainless steel grade 304 finishes. Specifications/ features of various items to be provided in COP are following: Please conider car over load disaplay along with Floor Digitally displayed using 5X7 Square Dot matrix.	Tender Condition Prevails

197	II	VII-B, Works Requirements - Particular Specification	377	6.18.8	As in case of power failure (including Single phasing/unbalanced Phase)Lift should operate in the Automatic Rescue Device (ARD) and BDT or Electronic Rescue tool (ERT) mode .	Please define BDT and ERT	BDT Means ability to backup and archive Fault related data. ERT is Electronic Rescue Tool
198	II	VII-B, Particular Specification Part-A Elevator	360	6.2.5(2)	If the visit of engineer for non-schedule maintenance exceeds 2 per elevators per year or 1.5 average call out ratio exceed,a penalty of Rs 15000 shall be imposed for each such visit.	Penalty Rs.15000 is too high kindly consider Rs.5000 per day	Agreed, Kindly ref Addendum/Corrigendum
199	II	VII-B, Particular Specification Part-A Elevator	358	6.2.5(a)	NMRCL shall impose a penalty of Rs. 15000 per case	Penalty Rs.15000 is too high kindly consider Rs.5000 per day.	Tender Condition Prevails
200	II	VII-B, Works Requirements - Particular Specification	382	6.23.1	Spring buffers shall be provided in the lift pit.	Please consider Spring Buffer/Pu Buffer /Oil Buffer shall be provided in the lift pit.	Oil Buffer are not to be considered, however PU Buffers are acceptable as alternative
201	II	VII-B, Particular Specification Part-A Elevator	385	6.26.5	A maintenance barrier shall be provided for elevator landing entrance which shall prevent people from entering the elevator car. The barrier shall be painted yellow, made from aluminium be of minimum height 900 mm	Please Consider A maintenance barrier shall be provided for elevator landing entrance which shall prevent people from entering the elevator car. The barrier shall be painted yellow, made from Steel / Fibre Reinforced Plastic (FRP) and be of minimum height 900 mm	FRP Barrier Can be accepted as a alternative
202	II	VII-B, Particular Specification Part-A Elevator	385	6.26.7	The elevator contractor shall interface with other designated contractors on his own for the provision of architecture signage other than the provided in the architrave.-same. Architrave Signage's shall be LED based and their cable shall be FRLSOH. (Interface table is modified to that extend). Design and its fitment will be approved during design approval stage	In Clause 6.19.12 cable mention FRLS so kindly give option of FRLS	FRLS Cable Can be accepted as a alternative
203	II	VII-B, Particular Specification Part-A Elevator	385	6.26.9	Accessories Each Lift shall be provided with the following accessories: a. Two sets each of all necessary keys for the landing door, operating panel, etc. b. Two sets of maintenance barrier	Two Set of maintenace Barrier and Two set of landing door, Operating panel key is too High so please consider per station.	Tender Condition Prevails

204	II	VII-B, Particular Specification Part-B Escalator	477	6.3.11 (d)	Safety factor (d) Chain-8	Kindly consider Safety factor of Chain-5	Tender Condition Prevails
205	II	VII-B, Particular Specification Part-B Escalator	478	6.3.16 (a)	Truss, Tension Carriage, Main drive Floor plate and comb plate supporting structure and backing-Hot Dipped galvanised .minimum thickness 85 µm	Hot Dip galvanizaation is not possible for Tension carriage and Main Drive shaft so please consider with alternative Anti - corrosion treatment (like 3 layers Painting) subject to review & acceptance during Design Stage.)	Tender Condition Prevails
206	II	VII-B Works Requirement - Particular Specification	478	6.3.17	Controller :Protection Class IP 55	In controller there is provoisoin of fan to maintain the temperature by this its not possibel to make IP 55 cabinet. So please consider Controller IP54	Kindly ref addendum/Corri gendum
207	II	VII-B, Particular Specification Part-B Escalator	476	6.3.2	Escalator shall be heavy duty,reversible type and capable of operating ssafely,smooth and continuously in both direction for a period of not less thaan 20 hours aday .seven (7) days a week wikt a alternating passenger load 100 % of contract load (120 kg Per Step) for two hour and 50 % of contract load for the following hour within the environmental condition as stated in the general specificaation and at the location where the escalator are to be installed.	Load pattern mention is too High kindly consider the load pattern as Per EN115 Latest.	Tender Condition Prevails
208	II	VII-B, Particular Specification Part-A Elevator	363	6.3.2	High Efficiency not less than 85 % and low energy consumption.	Please consider Efficiency not less than 82%	Tender Condition Prevails
209	II	VII-B Works Requirement - Particular Specification	363	6.3.3 (g)	The Lift 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. The manual emergency device shall be handle operated. The handle should be robust and able to bear the human intervention. It will be evaluated during detailed design stage	In belt drive not possible to provide manual rescuse by handle so please consider The Elevator machine shall be fitted with a manual /Battery emergency device capable of having the brake released by hand and requiring a constant effort to keep the brake open. The manual emergency device shall be handle/Battery operated. The handle/Button should be robust and able to bear the human intervention. It will be evaluated during detailed design stage.	Tender Condition Prevails

210	II	VII-B, Particular Specification Part-A Elevator	390	6.33.1	Clause 6.33.1 already mention on page 390	so please delete clause 6.33.1 on page 391 or explain	Tender condition prevails, only Indexing on Page 391 is wrong
211	II	VII-B, Particular Specification Part-A Elevator	390	6.33.2	Clause 6.33.2 already mention on page 390	so please delete clause 6.33.2 on page 391 or Explain	Tender condition prevails, only Indexing on Page 391 is wrong
212	II	VII-B, Particular Specification Part-A Elevator	391	6.33.3	Clause 6.33.3 already mention on page 391	so please delete clause 6.33.3 on page 392 or Explain	Tender condition prevails, only Indexing on Page 392 is wrong
213	II	VII-B, Particular Specification Part-B Escalator	479	6.4.1.8	The maximum deflection of the track system shall not exceed 1.00mm between any two adjacent track supports under 6000N/m ² .	Kindly allow to consider the load as per EN115.	Tender Condition Prevails
214	II	VII-B, Particular Specification Part-A Elevator	364	6.4.2(a)	a) The type of wire rope b) The Diameter in mm	In Clause 6.4 Rope and Belt both mention so Please add in Clause 6.4.2(b) also a)The type of wire rope /Belt b)The Diameter/Width in mm	Accepted, Kindly Ref addendum/Corrigendum
215	II	VII-B, Particular Specification Part-B Escalator	480	6.4.2.1	The Escalator contractor shall provide UPS of Suitable capacity with 2hrs back-Up to feed power to comb light, pit light etc.	Kindly consider the UPS supply scope in Electrical contractor. There is no sufficient space to installed the UPS in escalator.	Power supply will be provided through Station E&M UPS
216	II	VII-B, Particular Specification Part-B Escalator	480	6.4.3	The floor plate shall withstand a uniformly distribution load of 6000N/M ² over its entire area ,the deflection shall not exceed 4mm during load application and there shall be no permanent deformation after the load is removed.	Kindly allow to consider the load as per EN115.	Tender Condition Prevails
217	II	VII-B Works Requirement - Particular Specification Part-B Escalator	480	6.4.4.1 (e)	Lighting LED Comb Lighting .Power Supply shall be supplied from the UPS .(To be supplied by the Escalator Contractor).	Kindly consider the UPS supply scope in Electrical contractor. There is no sufficient space to installed the UPS in escalator.	Agreed, LED Comb Lighting Power Supply shall be from UPS (E&M Station Contractor)

218	II	VII-B, Particular Specification Part-B Escalator	481	6.4.4.5 (a)	The glass thickness shall be fabricated of tempered safety glass with minimum thickness 10mm and sufficient mechanical strength and rigidity in accordance with EN115 as a minimum	After toughening of glass actually the thickness not getting minimum 10mm So kindly consider The glass balustrade shall be fabricated of tempered safety glass with thickness 10mm	Tender Condition Prevails
219	II	VII-B, Particular Specification Part-B Escalator	482	6.4.5.1	The handrail shall have a life span of at least seven (7) years under operating conditions as stated in Clause 6.3.1 & 6.3.2. The colour of the handrail shall be black .	Kindly consider the Life span of at least Four (4) years.	Tender Condition Prevails
220	II	VII-B, Particular Specification Part-B Escalator	482	6.4.5.3	The handrail drive system shall be provided with guides immediately before and after the drive wheel .The returning portion of the handrail shall be supported by guide rollers at not more than 2m interval.	Kindly consider the Guide rollers/Track for returning portion.	Clause is self Explanatory, Tender Condition Prevails
221	II	VII-B Works Requirement - Particular Specification Part- B Escalator	483	6.4.6.10	Kindly Consider The chain rollers/wheels shall have durable elastomer materials bonded to a metal die case hub. The shore hardness of the tyre materials shall be 920 ± 30A when cured. The bond shall have sufficient strength to avoid de-tyring under all load conditions.	The life of Metal Hub roller and Pu Hub roller is same so please give the option for both. By using of Pu Hub there is less load on motor and truss due to weight difference.	Tender Condition Prevails
222	II	VII-B Works Requirement - Particular Specification Part- B Escalator	483	6.4.6.5	A method shall be provided to shorten the chain by one step to compensate for chain elongation.	This sentence should be deleted because its giving flexibility to over rule the clause 8.1.1(iv) and by shorting the chain it may be over look the gap between Step to Step as per EN115 and due this may be cause any incidents. If this option is provided then it will counter the requirement of EN115 (wherein it states that the gap between steps should not be more than 6 mm resulting into serious accident)	Agreed, The clause 6.4.6.5 is modified, kindly ref Addendum/ Corrigendum
223	II	VII-B, Particular Specification Part-B Escalator	485	6.4.7.14	Suitable provision for monitoring oil level in gear box shall be provided. An inspection plate shall be provided to check the condition of the gear. Some type of gear box it not possible to provide the inspection plate	so please consider ,Suitable provision for monitoring oil level in gear box shall be provided. An inspection plate/dipstick shall be provided to check the condition of the gear.	Tender Condition Prevails

224	II	VII-B, Particular Specification Part-B Escalator	485	6.4.8.2	Corrosion resistant, oil tight drip pans of galvanised sheet of not less than 2.0 mm thick shall be provided for the entire length of the truss and shall be of sufficient rigidity to support the weight of workmen. Drip pans shall be designed to collect and drain off both oil from the machines and water that may enter through the landings, floor plates, exposed portions of escalators or from fire suppression systems. All gaps shall be properly sealed to prevent leakage. Means shall be provided to drain and collect any excess lubricating oil from the chains to removable container(s) at the lower landing machine pit for easy removal and cleaning.	As per clause it mention the bottom plate which will be thickness of 2mm to support the weight of workman which is bottom plate with proper sealed to prevent leakage, not a drip pan on entire length of below step chain. Kindly confirm	Clause is self Explanatory, Tender Condition Prevails
225	II	VII-B, Particular Specification Part-B Escalator	485	6.5.1	Escalator shall be designed to operate on power supplies of 415V AC +10%/-15% 3Phase, 50Hz, 4Wire, or 240V AC +10%/-15% single phase 50 Hz	Kindly consider 415 V AC +10 % / -10 %	Tender Condition Prevails
226	II	VII-B, Particular Specification Part-B Escalator	486	6.5.2	All Motors cables should be 1.1 Kv grade. all other cables operating on 110v Shall be 600V Grade	Kindly consider the cable standard as Latest IEC .	Tender Condition Prevails
227	II	VII-B, Particular Specification Part-B Escalator	488	6.5.3 (b)	Maintenance /Idling Speed < 0.2 m/s	Kindly consider the idling speed half of the rated speed	Tender Condition Prevails
228	II	VII-B Works Requirement - Particular Specification Part-B Escalator	491	6.6.24	Traffic Bollards	This has reference to the EN 115 of page 62(safety of escalators & moving walks) having clause no. A.2.5 that there should not be any obstruction up to 2500mm from outermost edge of escalator. The fixing of traffic bollards will create hindrances for passenger movements Resulting into breakage of bollard and there bypassing of sensors which result in continuous operation speed with higher power consumption. Kindly Requested you to Delete this requirement.	Agreed, Kindly ref addendum/Corrigendum

229	II	VII-B, Particular Specification Part-B Escalator	489	6.6.4	Safety Requirements : Speed Governor	Sensor/Encoder are provided to detect Over Speed	Tender Condition Prevails
230	II	VII-B, Particular Specification Part-B Escalator	492	6.7.1.4	A LCD display panel and means for Programming the system shall be provided at the controller.	Please Consider One LCD display panel and means for Programming tool for each station	LCD Display Panel & Means for programming tool shall be One for each Station
231	II	VII-B, Particular Specification Part-B Escalator	494	6.7.2	Noise Generation 65 dBA	Kindly Consider Noise Generation 70 bBA	Tender Condition Prevails
232	II	VII-B, Particular Specification Part-B Escalator	494	6.7.2.19	Screened cables shall be used for the connection between the communication as described in contacts in clauses 5.10.2 & 5.10.3 above	Potential free contact are using to getting the signals for activate the RMS box for which not required screen cable so please consider Suitable cables shall be used for the connection between the communication as	Tender Condition Prevails
233	II	VII-B, Particular Specification Part-A Elevator	368	6.8.10	Landing Transom Panels-Scratch Resistant Stainless Steel.	Please clear the meaning of Scratch Resistant Stainless Steel or please mention type	Clause is self Explanatory, Tender Condition Prevails
234	II	VII-B, Particular Specification Part-A Elevator	368	6.8.10	Architrave (Fascia /Jamb)-Scratch Resistance Stainless steel/Stone	Please consider only Stone Architrave which would be in Civil contractor scope	Tender Condition Prevails
235	II	VII-B, Particular Specification Part-A Elevator	368	6.8.10(d)	Thickness of Glass Door shall not be less than 10 mm.	Please Consider Glass thickness shall be 10 mm(with manufacturing tolerance of ±0.2mm as per IS 2553, part-1).	Tender Condition Prevails
236	II	VII-B, Particular Specification Part-A Elevator	368	6.8.10(f)	Scratch Resistant Stainless steel panels with Sufficient LED down light	Please consider Stainless steel	Tender Condition Prevails

237	II	VII-B Works Requirement - Particular Specification	368	6.9.1	Unless otherwise specified, the car and landing door panels shall be imperforate and fabricated from stainless steel hairline (grade304) finish of at least 1.5mm thick	Can we use pasted sheet (MS and SS 304) to meet 1.5 mm Thickness	Not allowed, Tender Condition Prevails
238	II	VII-B, Particular Specification Part-A Elevator	369	6.9.1	The doors shall be provided with keyways for interlocks. Door sills shall be made of machined SS block to provide anti-skidding surface alternatively if door sill is of extruded aluminum, its thickness shall be 5.0 mm with non-slip wearing surface.	Please Consider The doors shall be provided with keyways for interlocks. Door sills shall be made of machined SS block or fabricated SS to provide anti-skidding surface alternatively if door sill is of extruded aluminum, its thickness shall be 3.0 mm with non-slip wearing surface.	Tender Condition Prevails
239	II	VII-B, Particular Specification Part-B Escalator	503	8.1.1 (ix)	Handrail Service life (Years) 7	Kindly Consider Handrail Service life (Year) 4	Tender Condition Prevails
240	II	VII-B, Particular Specification Part-B Escalator	503	8.1.2	The Contractor shall prepare, supply and erect cut section model of the escalator for the training of NMRC staff.	Kindly Provide the detail of part for those cut section required.	Kindly ref next line wherein it is mentioned that the list of cut section will be finalised incunsultation with employer during design stage
241	II	VII-B, Particular Specification Part-B Escalator	594	Annexure-3	Annexure-3 List of DLP Spares	List of DLP spares mention not matching with our product so can we edit the list as per product requirement	Equivalent Spares shall be allowed
242	II	VII-B, Particular Specification Part-A Elevator	445	Annexure-3	List of DLP spares mention not matching with our product	so can we edit the list as per product requirement	Equivalent Spares shall be allowed
243	II	VII-B, Particular Specification Part-B Escalator	597	Annexure-4	Annexure-4 List of Mandatory Spares	List of Mandatory spares mention not matching with our product so can we edit the list as per product requirement	Equivalent Spares shall be allowed

244	II	VII-B, Particular Specification Part-A Elevator	448	Annexure-4	List of Mandatory spares mention not matching with our product	so can we edit the list as per product requirement	Equivalent Spares shall be allowed
245	II	VII-B, Particular Specification Part-B Escalator	600	Annexure-7	Annexure-7 List of the tools	Annexure-7 Same is mention on page 450 of Elevator Specification. Toools used for Lift and escalator are almost same so requested you delete on Annexure 7.	Clause is self Explanatory, Tender Condition Prevails
246	III	IX, Particular Condition of Contract	726	46	46. Currencies of Payment. The Contract Price shall be paid in the currency(ies) named in the Contract i.e., INR (Indian National Rupees)	Please clarify how payment will be paid in INR if material portion is quoted in USD in Statement of price 1B & 2B.	Agreed for payment in currency as quoted in Bid, Kindly ref Addendum/Corrigendum
247	III	IX, Particular Condition of Contract	725	40 & 41	40. Percentage of Retention - 0% (Zero percentage) 41. Limit of Retention Money - The aggregate amount of the Performance Security and the Retention Money shall not exceed 10% (ten percent) of the Accepted Contract Amount	Please clarify, whether retention deduction is applicable in this contract, if contractor submit 10% performance Security in the form of Bank Guarantee.	Please ref Clause 40 of PC (Contract Data)
248	III	VIII, General Conditions	626	Cl. 1.15	Cl. 1.15 conditions of Contract	Inspection & Audit by Bank - Request to restrict Audit pertaining to this contract only	Tender Condition Prevails
249	III	VIII, General Conditions	694	Cl. 17.6	Cl. 17.6 conditions of Contract	Limitation of Liability - Consequential Damagas not applicable except some clauses like Liquidated damages, Indemnities, Intellectual Property law, termination, payment after termination. Request to delete the exclusions to Consequential Damages.....?	Tender Condition Prevails
250	III	VIII, General Conditions	695	Cl. 17.6	Cl. 17.6 conditions of Contract	The total liability of the Contractor to the Employer, shall not exceed the sum resulting from the application of a multiplier (less or greater than one) to the Accepted Contract Amount, except Electricity, Water and Gas, Employer's Equipment and Free-Issue Materials, Indemnities and Intellectual and Industrial Property Rights. Request to delete the exclusions to total liability.	Tender Condition Prevails
251	III	VIII, General Conditions	658	cl. 8.7	cl. 8.7 Delay Damages	Delay Damages minimum percentage not missing	Please ref Clause 31 of PC (Contract Data)

252	III	X, Contract Form	794	Form	Parent Company Guarantee and Undergtaking	Parent Company Guarantee and Undertaking formats "Deleted" Whether required or Not	Tender Condition Prevails
253	III	IX, Particul ar Conditio n of Contract	720	6	6. Defects Notification Period (Defect Liability Period) 24 months from the date of Commercial Operations Date (COD). During the Defects Liability Period the Contractor shall rectify/ replace the defective works without claiming any cost for the defective works fulfill his obligations during the Defects Liability Period as laid down in GC and Works Requirements.	Instead from date of Commerical Operation Date (COD), DLP should starts from Taking over Date. COD date depends on NMRC internal procedure, can get delayed due to other technical or political issues. Contractor work get completed as & when equipment is Taken over, hence DLP should starts from Taking over instead of COD.	Tender Condition Prevails
254	III	IX, Particul ar Conditio n of Contract	752	39	39 Clause 11 Defect Liability/AMC During the Defects Liability Period/ Annual Maintenance Contract period the Contractor shall provide, free of cost, rectification/ reconstruction of faulty work. Competent and skilled personnel and maintain adequate stock of spares/ machine so as to promptly fulfil his obligations during the Defects Liability Period/AMC Period as laid down in GC and Works Requirements. A penalty of Rs.10000/- per day in DLP/AMC period will be imposed if Defect/ complaint/ faculty EMP is not attended within 24 hrs from the time and date of notice.	Per day penalty is too high. Contractor request to reduced it to 5000/- per day.	Tender Condition Prevails
255	III	IX, Particul ar Conditio n of Contract	932	Annexur e-IX A	SITE OFFICE & OFFICE EQUIPMENTS	Kindly Delete this scope from Contractor	Kindly ref addendum/Corri gendum
256	III	VIII, Genearl Conditio ns (GC)	627	2.2	The Employer shall provide, at the request of the Contractor, such reasonable assistance as to allow the Contractor to obtain properly: (a) copies of the Laws of the Country which are relevant to the Contract but are not readily available, and (b) any permits, licences or approvals required by the Laws of the Country:	Please accept below deviation: Otis will be responsible for procuring lift license permits/licenses from Lift Inspectorate/ PWD Office, including payment of all necessary official fees for such licenses/ permits. You will provide all requisite assistance to enable Otis to obtain the permit / licenses and shall execute / provide such documents as may be reasonable requested by Otis in this regard. However, Otis will not be liable for any delays in the administrative process of procuring such licenses/ permits.	Liability of delay shall be ascertained on case to case basis. Therefore bidders can not take such amnesty in case of delay as granted.

257	IV	XII, BOQ	970 972 1016 1018	Statement No. 1A, 1B Design of Plant, Equipment Statement No. 2A, 2B Manufacture and Supply of Plant, Equipment from Abroad. Statement No. 3A, 3B Design of Plant, Equipment from within the Employer's Country Statement No.4A, 4B Manufacture and Supply of Plant, Equipment from within the Employer's Country. 3) Specify currency (ies) (Yen/ US Dollar / Euro or any combination of these currencies).	Statement No. 1A, 1B Design of Plant, Equipment Statement No. 2A, 2B Manufacture and Supply of Plant, Equipment from Abroad. Statement No. 3A, 3B Design of Plant, Equipment from within the Employer's Country Statement No.4A, 4B Manufacture and Supply of Plant, Equipment from within the Employer's Country. 3) Specify currency (ies) (Yen/ US Dollar / Euro or any combination of these currencies).	There should be provision of INR also in SOP 1A, 1B, 2A, 2B, 3A, 3B & 4A, 4B . These SOPs mentioned unit price as "Foreign Currency". * Point 3 of SOPs says currency as "Yen/US Dollar/Euro". Please include INR also. * Point 4 of SOPs says only items to be supplied from abroad are to be taken in this statement. if contractor supplies the material from his foreign consortium partner but want to quote in INR only, which SOP to be filled by him for Design, Manufacturing & supply price. please clarify.	Quote in INR may be accepted, Kindly ref Corrigendum No. —
258	IV	XII, BOQ	950 997	1.3 Taxes, levies, Duties, Cess, etc. While quoting the rates, the tenderer is advised to take into consideration provision of Clause 24 of PC issued in conjunction with clause 11 of GC. In addition to the PC Clause 24, the tenderer may avail the High Seas sales benefit. To avail the same the contractor may enter in to the two part Contract with NMRCL Contract A: - For CIF supply of all offshore equipment and materials including spares and tools. Contract B: - For Ex-Works supply of all equipment and materials of Indian origin and for Providing all services i.e. port handling and clearance for the imported good.	Taxes, levies, Duties, Cess, etc. While quoting the rates, the tenderer is advised to take into consideration provision of Clause 24 of PC issued in conjunction with clause 11 of GC. In addition to the PC Clause 24, the tenderer may avail the High Seas sales benefit. To avail the same the contractor may enter in to the two part Contract with NMRCL Contract A: - For CIF supply of all offshore equipment and materials including spares and tools. Contract B: - For Ex-Works supply of all equipment and materials of Indian origin and for Providing all services i.e. port handling and clearance for the imported good.	Since there is no such clause in General condition & Particular condition, as this clause High sea is allowed to contractors. Please re-confirm.	Kindly ref Addendum/ Corrigendum
259	IV	XII, BOQ	962 1009	3.3 Statement of Prices No. 1A,1B, 2A,2B - Design, Manufacture and Delivery of Escalator/Machine room-less Elevator CIF Port in India. 95% of Statement of Price 2A,2B of the CIF price for each Escalator shall be payable after delivery to the "Engineer" of evidence of dispatch documents in favour of the Employer and delivery of: • Bill of Lading; • certificate of type tests; • certification of Factory Acceptance tests; • provision of Safe Custody Guarantee; • proof of Marine insurance; for each shipment or consignment.	3.3 Statement of Prices No. 1A,1B, 2A,2B - Design, Manufacture and Delivery of Escalator/Machine room-less Elevator CIF Port in India. 95% of Statement of Price 2A,2B of the CIF price for each Escalator shall be payable after delivery to the "Engineer" of evidence of dispatch documents in favour of the Employer and delivery of: • Bill of Lading; • certificate of type tests; • certification of Factory Acceptance tests; • provision of Safe Custody Guarantee; • proof of Marine insurance; for each shipment or consignment.	In one of the clause of particular condition no. 28 Sub-Clause 7.7 Ownership of Plant and Materials, there is an option of indemnity Bond or Safe custody for making Material payment. Please clarify, if indemnity bond can be submitted in place of safe custody for 95% payment.	Tender condition prevails

260	I	II, Bid Data Sheet	44	ITB 19.1	A Bid Security is required as per details below: (a) INR 10Million (Ten Million Only) in form of unconditioned guarantee issued by any Nationalized or Scheduled Commercial Bank of Indian origin or Scheduled commercial foreign bank having business office in India. In the form of Bid Security as per Form 6 in Section-IV: Bidding Forms.	Please Clarify whether this Bid Security to be given in the name of the consortium or not.	Tender Condition Prevails
261	I	II, Bid Data Sheet	44	ITB 15.1	The currency of the Bid shall be Indian National Rupees (INR) and/or equivalent foreign currencies on 28days (Base Date) prior to final date of submission of the bid, as per exchange rate declared by Reserve Bank of India.	Please clarify if it's a LC contract or Not. Cost of the Equipment will be quoted in USD & installation, Testing & Commissioning will be quoted in INR.	Please Ref Part-III, Section-IX, Clause 49 of Particular Condition of contract
262	I	I, Instruction to Bidder	12	4.1	A Bidder may be a firm that is a private entity, a government-owned entity or subject to ITB 4.3 or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent	Bidder request to clarify that for this tender Both the entities are Private entity only.	Clause is self-explanatory
263	I	III, Qualifying Criteria	71	4.1	General Construction Experience : The Tenderers will be qualified only if they have completed work for The Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators & Escalator during last 10 Years as on date of tender submission in above key activities. Starting 1st March 2006 to 31 March. 2016. : Each Member Must Meet requirement	Only Overseas consortium partner will be having the Experience of Design, Manufacturing, Supply, Installation, Testing and Commissioning of Elevators & Escalator during last 10 Years. Indian Partner will be having the Experience of Installation, Testing and Commissioning of Elevators & Escalator during last 10 Years.	Kindly ref Addendum/ Corrigendum
264	I	I, Instruction to Bidder	15	7.5	The Bidder is requested, as far as possible, to submit any questions in writing, to reach the Employer not later than one week before the meeting. (Refer BDS also).	Please clarify the date.	Clause is self-explanatory Kindly ref BDS ITB7.5 and subsequent corrigendum
265	I	I, Instruction to Bidder	23	21.1	The Bidder shall enclose the original and one set of all copies of the bid, including alternative bids, if permitted in accordance with ITB 13, in separate sealed envelopes, duly marking the envelopes as ORIGINAL, ALTERNATIVE and COPY. These envelopes containing the original and the copies shall then be enclosed in one single envelope.	Bidder request you to clarify whether Hard copy submission is required for this tender.	The bid is to be submitted electronically only, through e-tendering Portal of NMRCL

266	I	II, Bid Data Sheet	72	4.2 (b)	The bidder must have successfully carried out post DLP AMC of 130Nos of Elevators and 193Nos of Escalator for continuous period of 5Year for airport/Metro/sub-urban railways as on date of tender submission. Starting 1st March 2011 to 31 March 2016. Lead Member Must Meet Requirement	Bidder request you to remove this contract condition. As in India the metro Completion started 7 years back. So it wont be possible for Every vendor to carry out post DLP AMC of 130Nos of Elevators and 193Nos of Escalator for continuous period of 5Year for airport/Metro/sub-urban railways as on date of tender submission	Kindly ref Addendum/Corrigendum
267	I	II, Bid Data Sheet	33	ITB 1.1	DESIGN, MANUFACTURING, SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF HEAVY DUTY MACHINE ROOM LESS ELEVATORS & ESCALATOR FOR NMRC PROJECT International Competitive Bid (ICB) The detailed Scope of Work for the Construction of this contract is further described in the Part-2: Section-VII (A & B (Part A Elevators & Part B Escalator)) Works Requirements and other documents. The Contractor has to execute the work accordingly with the approval of Employer. The Bidders are particularly advised to pay attention to the IT Requirements of Employer (Clause 2.3 of General Specifications).	Please clarify what the those IT requirements are required.	The IT Requirement of the bidder has been reviewed, Kindly ref Addendum/Corrigendum
268	I	II, Bid Data Sheet	40	ITB 10.1	Supporting documents related to Work Experience, Financial & Technical eligibility criteria enclosed with the bid, other than English language should accompany a translated copy by a certified translator in English and will have to be endorsed/attested by Indian embassy or any authorized / recognized agency of India Embassy, where the supporting documents is being issued. The contact address & identification of certified translator must be mentioned at the end of the translated copy of the document.	Endorsed/Attested By indian Embassy will take time. Bidders suggest to do the process after award of the contract.	Tender Condition Prevails

269	I	II, Bid Data Sheet	44	ITB 14.12 (Additional Para)	NMRCL project is covered under Project Import chapter 98.01 of Custom Tariff Act according to which only concessional custom duty is payable. The Bidder should avail this benefit and pass on the benefit of the same to NMRCL. As regards registration under Project Import, after the award of the contract, NMRCL at the written request of Contractor shall facilitate the Contractor for obtaining sponsoring / recommendation letter from the Ministry of Urban Development / Government of Maharashtra for getting themselves registered for availing Project Import benefits. The responsibility to avail the concessional benefits under Project Import shall solely rest with the Contractor.	Please Clarify.	This clause is not applicable, kindly ref Addendum/Corrigendum
270	I	II, Bid Data Sheet	43	ITB 14.9 (Additional Para)	The Employer may get, from the Government, partial or complete waiver of taxes, royalties, duties, Labour, cess, octroi, and other levies payable to various authorities. The successful Bidder (the Contractor) shall maintain meticulous records of all the taxes and duties paid and provide the same with each running bill. In case the waiver becomes effective, the Contractor will be advised on the process to be followed to obtain the refund from the concerned authority. The Contractor shall arrange for the remit of the refund to the Employer. In case of failure by the Contractor to remit such amounts, the same shall be recovered from amounts due for payment to the Contractor.	Please clarify which waiver of taxes, royalties, duties, Labour, cess, octroi, and other levies payable to various authorities can get from Government.	Taxes, Royalties, Duties, Labour, Cess, Octroi and other levies payable as per legislation.
271	I	II, Bid Data Sheet	51	ITB 39.2 (Additional Para)	In case, Successful Bidder is a JV/ Consortium, then the Performance Security may be furnished on behalf of the JV/ Consortium either by the Lead Member or by all the Members of such JV/ Consortium in such proportion as may be agreed between them as per JV/ Consortium agreement.	Please clarify whether Performance security can be submitted separately for USD & INR.	No, Tender Condition Prevails

272	I	II, Bid Data Sheet	36	ITB 5.2 (Additional Para)	Bidders are encouraged (Not mandatory & Binding) to adopt Indian sources to the maximum possible extent. However, all plant, materials, supplies, equipment and services shall be to the satisfaction of the Employer and Engineer. The information on all plant, materials, supplies, equipment and services included in the Contractors' Proposal and incorporated into the Contract shall not, in any event, be construed as a submission to the Employer under the Contract. Contractor will be required to take specific approval of the Employer for deployment of plant, materials, supplies, equipment and services in accordance with the Conditions of Contract and Employers' Requirements. The Bidder should note the requirements for transfer of technology.	Bidder request to bifurcate the Elevator & Escalator tender. For escalator, No vendor is having their proven design factory in India for Public Transport Escalator. All the escalators used in Public transport Project are imported. For elevator Most of the Bidders are having their factory set up in India. If customer bifurcate the Elevator & Escalator Tender, Bidders will be encouraged to adopt Indian Sources to the maximum possible extent.	Bifurcation of Elevator & Escalator Tender is not possible at this stage
273	II	VII, Works Requirement - General Specification - Part-A	194	2.3	2.3 IT Requirement of Employer 2.3.4 In view of the above, the Contractor shall be required to: (a) Follow and comply the system guidelines to be issued by Employer (b) Comply all the software system competency requirement by taking training from Employer's Training Academy. (c) Upload / definition of Project Plans as per the template and using software defined by the Employer; (d) Maintenance and updating of uploaded Project Plans in software used by the Employer; (e) Upload of drawings / designs created by the Contractor as per the classification and on the software platform defined by the Employer; (f) Key contract related communication and progress related data as per processes defined on the software platform deployed by the Employer (g) Asset details need to be updated in the system in the format prescribed by the Employer;	NOT APPLICABLE	The IT Requirement of the bidder has been reviewed, Kindly refer Addendum/ Corrigendum
274	II	VII, Work Requirement, Particular Specification Part-A Lifts	347	3.2	vi. Shaft lighting (Bulkhead + Switch and socket + complete wiring) and all Scaffolding works required for Lifts systems.	Request you to change the responsibility of Shaft lighting to Other Vendor.	Tender Condition Prevails

275	II	VII, Work Requirement, Particular Specification Part-A Lifts	347	3.2	ix. All cabling and wiring necessary for the Works;	Please clarify the distance for cabling & Wiring	Question is not specific to provide distance for cabling and wiring.
276	II	VII, Work Requirement, Particular Specification Part-A Lifts	347	3.2	x. The communication cable from Lift Car (Inside) for connecting emergency telephone for passengers to contact the helpline shall be provided by the Lift Contractor up to Station Control Room (SCR).	Three way communication system will be provided in the elevator car only as per Bidder's standard. Request you to provide the distance between the car & station control room.	Tender Condition Prevails, Approximate distance is 100Mtr
277	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	465	3.2	c) Provision of necessary signals to designated contractor for remote control and monitoring of escalators by station management system (SMS)/Building management system (BMS)	Only Interface will be provided.	The signals should be communicable over TCP/IP protocol through a LAN or WAN. Bidder to provide LAN Sockets in control panel for connectivity
278	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	465	3.2	d) Control and monitoring system for escalators.	Please Clarify the actual requirement.	Clause is self-explanatory
279	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	465	3.2	e) All minor civil works or modifications required for installation of the equipment and restoring to final finishes.	All minor civil works or modifications required for installation of the equipment only is in bidders scope.	Tender Condition Prevails
280	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	465	3.2	h) Training of Employer's O&M personnel	As per Bidder's standard.	Tender Condition Prevails

281	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	465	3.2	l) All equipment, fixtures and material required for interface with designated contractors.	Only Interface will be provided.	Interface requirement should be effectively resolved. Tender Condition Prevails
282	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	465	3.2	m) All software and hardware required for escalator including development system, license of all applications and operating system software etc.	Development system, license of all applications and operating system software etc. not in bidder's scope.	Tender Condition Prevails
283	II	VII, Work Requirement, Particular Specification Part-A Lifts	352	4.10	a) The Systems shall be designed to ensure that failure of any major equipment, caused by an external accident or negligence of internal staff, will not lead to unavailability of the whole System, other than temporary outage of the failed equipment.	The system related to the major equipment failure will be shut down.	Clause is self Explanatory
284	II	VII, Work Requirement, Particular Specification Part-A Lifts	352	4.1	c) If elevator is kept out of service for more than 24 hrs due to non-availability of Spares or due to lack of proper attention. NMRCL shall impose a penalty of Rs. 15,000/- (Rs Fifteen Thousand Only) per day for each such case. The penalty shall be applicable during DLP and AMC	Bidder's Request to reduce the Penalty @Rs. 2000 per breakdown for reasons attributed by the product supplied by the bidder.	Tender Condition Prevails
285	II	VII, Work Requirement, Particular Specification Part-A Lifts	352	4.1	d) The Employer will assess the reasons for the equipment not being in service, accordingly the penalty will be imposed. The Employer decision is final. The measures for Availability for the Lifts shall be on call out ratio. Availability = $\frac{\{(365 \times 20 \text{ hrs.}) \times \text{No of lift population in section}\} - \{\text{Total Unavailability hrs. in one year}\}}{\{(365 \times 20 \text{ hrs.}) \times \text{No of lift population in section}\}}$ The Elevator shall achieve minimum availability of 99.9% calculated as above. For the purposes of availability calculations, the Contractor shall assume that the service operating hours are 20 hours per day (04:00 am to 00:00hrs Mid Night), for 365 days a year for the design life.	Minimum Availability 98%	Tender Condition Prevails

286	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	353	4.13	4.13.1 The work shall be carried out in accordance with the following governing specifications and other statutory rules: 1. Central Electricity Authority Regulation 2010 with latest amendments. 2. Indian Electricity Act 2003 with latest amendments. 3. Rules and Regulations prescribed by local authorities as applicable. 4. Relevant, Indian Standards, IEC Standards, EN Standards, British Standards and other National / International standards as applicable.	We Follow EN 81 & EN 115	Tender Condition Prevails
287	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	355	4.15	(2) Elevator shall have carrying capacity of 1000 kg/ 13 passenger.	Please Confirm the capacity. Whether it is 13 passenger or 1000 Kg	Tender condition Prevails
288	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	469	4.6	The Contractor shall submit to the Engineer for notice of no objection an Interface Management Plan (IMP) and Detail Interface Documents, in accordance with the General Specification, which defines how the Contractor will systematically identify and document technical interfaces. This will not absolve the contractor of the ultimate responsibility for ensuring timely & appropriate interface.	We will provide interface only.	Tender Condition Prevails
289	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	363	6	Brake	Bidder request to include the Operation of auxiliary brake:- Auxiliary brake shall always operate or close short time after closing of service brake and release short time before the release of service brake. If there is a conflict between operation of auxiliary brake as per this requirement and EN 115 -1: 2008 +A1: 2010 then requirement of EN 115 -1 : 2008 +A1: 2010 shall prevail.	Tender Condition Prevails

290	II	VII, Works Requirement - General Specification - Part-A	233	6.1	All software to be developed or modified (re-engineered software) shall follow the normative requirements of EN50128 (Railway Applications: Software for Railway Control and Protection Systems). The Software shall be designed, developed and tested according to the Software Quality assurance Plan, Software Integrity Level (SIL) and the Software Lifecycle. The Contractor shall define within the Software Quality Assurance Plan what techniques and measures are to be applied for software development. In addition to the requirements of the Software Quality Assurance Plan, justification, which shall be reviewed without objection by the Engineer, shall be required in respect of any highly recommended EN50128 Annex A normative clauses which are not to be applied to software development and supply.	Not in Bidder"s scope	Tender Condition Prevails
291	II	VII, Work Requirement, Particular Specification Part-A Lifts	358	6.1	Nagpur MRT System shall be equipped with machine-room less elevators being used in transportation establishment for Passengers including differently able & elderly persons and NMRC staff in locations as listed in the Particular Specification. It may be noted that these elevators will be subject to rigged use as per passenger demand. Mostly these elevators will be two landing type.	Please confirm the elevators subject to rigged use. Price may vary subject to the specification.	It is a typographical error. What was implied was that these elevators will be subject to rugged use as per passenger demand
292	II	VII, Works Requirement - General Specification - Part-A	233	6.2	As defined in EN50128, all software produced or supplied for the project shall be subject to a defined quality framework. The Contractor shall use a Quality Assurance System which is compliant with CENELEC specifications, with EN29000 series and others and meet the requirements as stipulated in the PS. ISO 9000-3 is considered appropriate for Safety Integrity Level 0 or 1 software.	Not in Bidder"s scope	Tender Condition Prevails

293	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	379	6.2	6.20.1 The LED BASED RMS will be provided by the elevator contractor. The details of which are given in figure 6.20 as under. Lifts Monitoring Panel (Figure 6.20) Following status monitoring points and control points shall be provided in the RMS panel:- Provision of elevator fault/trip signal & button a) Provision of elevator car alarm signal b) Provision of power available and failure status c) Provision of elevator under maintenance signal d) Provision of elevator under working signal. e) Provision of buzzer test button. f) Provision of LED test button. g) Provision of Alarm accept button. h) Provision of buzzer. The elevator fault/trip signal shall be activated whenever there is a fault in the elevator system, which causes a	Bidders suggest to include Lobby Vision instead of Traditional RMS. The brochure is attached for customer's reference only.	any specification better than the tender condition is acceptable, however it should comply with our stated requirement in the tender clause
294	II	VII, Works Require ment - General Specifica tion - Part-A	233	6.3	The Contractor shall ensure that a full time Software Project Manager and Software Quality Manager are appointed for software development, if software development and/or modification are required under the Contract.	Not in Bidder"s scope	Tender Condition Prevails
295	II	VII, Works Require ment - General Specifica tion - Part-A	233	6.4	The Contractor shall include in the Monthly Progress Report details of the status of the software development/modifications 1 upgrades.	Please Clarify	Clause is self Explanatory, Tender Condition Prevails
296	II	VII, Works Require ment - General Specifica tion - Part-A	233	6.6	6.6.1 Software acceptance shall be based upon the supply of software functioning in a manner reviewed without objection by the Engineer supported by an Operational Safety Report (Software) reviewed without objection by the Engineer. The report shall be provided by the Contractor and submitted to the Engineer for review in the format described below. All the documents for the design, development, testing, verification and validation as defined in CENELEC standards including EN50128 shall be submitted. The Engineer's review without objection shall be obtained prior to Employer's Taking Over of the Works.	Please Clarify	Tender Condition Prevails

297	II	VII, Works Require ment - General Specifica tion - Part-A	234	6.7	6.7.1 Where existing software (defined to module level) is to be re-used without modification, the Contractor shall provide evidence acceptable to the Engineer as to why that software is suitable for use in the proposed application. All software developed earlier and intended to be used for the Contract shall meet the requirements laid down in the PS. 6.7.2 The certified evidence of previous satisfactory use in a similar environment and application and cross acceptance from another railway authority shall be submitted. The Engineer reserves the right to implement an assessment of the developed software by further validation or re-validation by an outside agency nominated by the Employer.	Not in Bidder"s scope	Tender Condition Prevails
298	II	VII, Works Require ment - General Specifica tion - Part-A	234	6.8	COTS shall not be applied to any operation software at level SIL2 and above. Where COTS is used, the Contractor shall define within the SQAP, to the review of the Engineer, the software support period following delivery. The software support activities shall include but not be limited to, supply of software and supporting documentation, training and maintenance contracts.	Not in Bidder"s scope	Tender Condition Prevails
299	II	VII, Works Require ment - General Specifica tion - Part-A	234	6.9	All test software, with the exclusion of built-in test software, shall be produced in accordance with a quality system controlled under the requirements of ISO 9000-3. Test software shall be developed and documented using structured techniques and shall be designed to be maintainable throughout the term of the Contract. All test software shall be documented to be supportive of maintenance. Any test software that is to be delivered to the Employer (for long term testing use) shall be fully documented including source code listings to allow the Employer to maintain the software for the life of the supported system.	Not in Bidder"s scope	Tender Condition Prevails

300	II	VII, Works Require ment - General Specifica tion - Part-A	237	7.4	7.4.1 Racks & Cabinets 7.4.1.1 Electronic control equipment shall be housed in 19" racking suitably enclosed in metal cabinets of a type acceptable to the Engineer. A sample of each type of rack or enclosure proposed shall be submitted to the Engineer for inspection. 7.4.1.2 The equipment shall be of modular construction to facilitate maintenance, repair and replacement of parts. Standard commercial parts shall be utilised to the maximum extent possible. 7.4.1.3 Cubicles, Equipment Racks, cable and wiring Termination Racks shall not be filled to greater than 80% of their capacity at the completion of the works. 7.4.1.4 There shall be a minimum walkway of 1000mm between equipment racks. 7.4.1.5 The equipment shall be suitable for the environment in which it is to be used and it shall be designed to prevent ingress of all vermin and to minimise the ingress of	Not in Bidder's scope	Tender Condition Prevails
301	II	VII, Works Require ment - General Specifica tion - Part-A	238	8.1	8.1.1 The Contractor shall provide and maintain acceptable storage facilities for the Permanent Works, equipment and materials of all kinds intended for use in carrying out the Works or for incorporation into the Works. 8.1.2 The Contractor shall prepare, protect and store in an agreed manner all Permanent Works, Contractor's Equipment, equipment and materials so as to safeguard them against loss or damage from repeated handling, from climatic influences and from all other hazards arising during shipment or storage on or off the Site. 8.1.3 Secure and covered storage shall be provided by the Contractor for all Permanent Works, Contractor's Equipment, equipment and materials which are other than those having been reviewed without objection by the Engineer as suitable for open storage.	Locakable storage	Clause is self-explanatory

302	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	504	8.3	The Contractor shall co-ordinate with the Designated Contractors, shall finalise and agree with the Designated Contractors all relevant matters relating to the equipment including but not limited to the following: a) Space requirements, including tolerances for construction of the civil works. b) fixing requirements c) loading d) interface with architectural finishes e) Cabling routes, including providing information to the Designated Contractors. f) Information on embedded parts, box-outs, etc. to enable the Designated Contractors to provide the necessary works. g) Equipment access route and temporary lifting requirements. (In this connection, it may be noted that no provision of lifting hooks has been made in the civil	Cabling Routes, Lighting, Power, Fire Protection, Interface with NP-SCADA, Fire detection is not in our scope.	Bidder has to comply Interface requirement. Though fire detection is not in scope however all elements of design etc. must be undertaken to keep the fire proneness of the equipment as low as possible.
303	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	410	13	Automatic Fare Collection This contract provides for the revenue control system at stations including automatic ticket vending machines barriers manual control and checking equipment and electronic linkages to station control rooms and the Central Control room.	NOT APPLICABLE	These are not in the scope of Lift's and Escalator's work. Information is being shared about parallel running other works in the project for incorporation of possible interfaces.
304	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	411	13	Rolling Stock This contract provides for air-conditioned rolling stock in rakes of up to 8 coaches.	NOT APPLICABLE	These are not in the scope of Lift's and Escalator's work. Information is being shared about parallel running other works in the project for incorporation of possible interfaces.

305	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	411	13	<p>Civil (Elevated & Underground Stations):</p> <p>The Contract provides for Civil and E&M works including the stations & tunneling. The E&M works include stations lighting, 415V AC distribution, tunnel ventilation, station air-conditioning, fire protection system etc. The Contractor shall co-ordinate with these Contractors for design as well as installation related issues as part of his interface responsibilities. The relevant Contractors shall be referred to as Designated Contractors in this specification.</p> <p>S&T - SCADA Contract:</p> <p>This contract provides for non-power SCADA systems from stations to OCC.</p> <p>M & E SCADA. This contract provides M & E SCADA requirements for Lifts at stations. The Contractor shall co-ordinate with the S & T Contractor for requirements related to remote</p>	NOT APPLICABLE	<p>These are not in the scope of Lift's and Escalator's work.</p> <p>Information is being shared about parallel running other works in the project for incorporation of possible interfaces.</p>
306	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	410	13.1	<p>Interfaces</p> <p>The Contractor shall interface the design and construction of the Works with that of other contractors, principally the Contractors for the Designated Contracts as defined in the General Conditions of Contract. The Contractor shall keep the "Engineer/Engineer's representative" fully informed in respect of such interfaces, such information being given to the "Engineer/Engineer's Representative" in a manner and form and at such intervals as stated in the Contract or as required by the "Engineer/Engineer's Representative".</p> <p>Contract Package for: Signaling, Communications and Train Control</p> <p>This contract provides for signaling and automatic train control systems including equipment in the station control rooms and the Operation Control</p>	NOT APPLICABLE	<p>These are not in the scope of Lift's and Escalator's work.</p> <p>Information is being shared about parallel running other works in the project for incorporation of possible interfaces.</p>
307	II	VII, Works Require ment - General Specifica tion - Part-A	273	16.1	<p>16.1.2 The Contractor shall maintain close liaison with other contractors including Designated Contractors employed by the Employer or otherwise, utility undertakings or other authorities who are carrying out work on or adjacent to the Site. The Contractor shall ensure as far as possible that the progress of the Works is not adversely affected by the activities of such other entities.</p>	Please Clarify	<p>It is an Interface Requirement, Tender Condition Prevails</p>

308	II	VII, Works Requirement - General Specification - Part-A	280	17.11	Contractor's Own Rolling Stock	NA	Not applicable
309	II	VII, Works Requirement - General Specification - Part-A	281	17.12	Defined Area Working and Works Train Operations	NA	Not applicable
310	II	VII, Works Requirement - General Specification - Part-A	281	17.13	Work in Vicinity of Operating Tracks	NA	Tender Condition Prevails
311	II	VII, Works Requirement - General Specification - Part-A	278	17.6	Work shall be carried out in such a manner that avoidable dust is not generated. Areas of the Site in which dust is likely to be generated shall be sprayed with water regularly. Screens, dust sheets, tarpaulins or other methods reviewed by the Engineer shall be used to prevent generation of dust. Materials, including earthworks material, from which dust may be generated when being transported to or from the Site shall be sprayed with water or covered. The location and size of material stockpiles, including excavated materials within the Site, shall be subject to review by the Engineer. All stockpiles shall be maintained at all times in a safe manner.	NA	Tender Condition Prevails
312	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	561	18.12	Refer Appendix-F of this PS for vendor approval Policy.	Bidder request For sub-components / systems of Escalators, equipments from following vendors to be used in Escalators designed and supplied to NMRC.	NMRCL do not provide list of vendors or component etc. They are to be proposed by bidders only post award of contract. Proposal shall be approved by NMRCL as per Tender Conditions.

313	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	422	19.1	Portable Laptop Computer with latest hardware configuration (subject to notice of no objection by the "Engineer/Engineer's Representative"), two for each corridor and one for OCC shall be provided to allow rapid verification of satisfactory operation of system, assist in trouble shooting and isolating sub-system failures. Use of Portable lap top computer shall not require any mechanical or electrical disconnection to or within the sub-system under tests. Two set each of laptop computer for the entire contracts specified at clauses shall be provided by the Contractor. The detailed specifications for Laptop or palmtop to be got approved from the "Engineer".	Portable Laptop Computer hardware is not in our scope.	Tender Condition Prevails
314	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	566	19.1	19.10.1 The objective of this training is to enable the Employer's Training Instructors to be competent to deliver future courses for other employees of the Employer. 19.10.2 The Contractor shall provide training to the Employer's Training Instructors on the various Systems. Aspects covered shall include, but not be limited to, the following: Basic Operating & Features and functional principles of the Escalator Systems System design aspects including but not limited to design standards, design criteria and parameters, short-circuit and other calculations, insulation and protection coordination; Details of major equipment and components used in the System; System operation and maintenance management procedures; Control and monitoring systems for Escalators; Trouble shooting, faults, failure	Training will be done at customer's office/site & as per Bidder's standard.	Tender Condition Prevails
315	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	562 563	19.2	The training shall be provided by the Contractor to the Employer's personnel in design, manufacturing, testing, system architecture and installation practices related to Escalators. This will cover training in India and abroad including training at manufacturing facilities. The overall expenses (including boarding, lodging and Travelling, etc.) of the above will be borne by Contractor.	Training will be done at customer's office/site & as per Bidder's standard.	the training may be provided at employers premises or at the manufacturing centre of the bidders in India. Please refer to Addendum / Corrigendum.

316	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	563	19.3	Contractor shall submit a training programme for imparting training to Employer's staff with batches of approximately 15 persons for Escalator systems in following areas.	2. Training during manufacturing at factory premises not possible. 3. Installation & Site testing training can be done at site.(No. Of days Will Be as per Bidder's standard) 4. Opeartion & Maintenance practices for lifts can be done at site.(No. Of days Will Be as per Bidder's standard) 5.Overall view of Escalator system : 100 days not possible. (No. Of days Will Be as per Bidder's standard) All the accepted training can be done at site/ customer place & as per Bidder's standard.	the training may be provided at employers premises or at the manufacturing centre of the bidders in India. Please refer to Addendum / Corrigendum. (Trainer Man/days to be reduced)
317	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	565	19.8	Audio-visual Training Aids, Interactive Training Video CD, Training Materials, and Training Devices (like Trainer's kit) shall be of durable construction, and shall become property of the Employer on notice of no objection of the Training Demonstration, or on notice of no objection of the Final Deliverables, as applicable. For every lecture, training manual is to be given well in advance before commencement of training. The Contractor shall provide all Training Aids, Interactive Training Video CD, Training Materials, Training Devices, Special Tools, fixtures, models, or other equipment required to train Course participants. Training Manuals are a convenient source document for use in the field. However for every lecture hand-outs with Interactive Training Video CD, will also be required to be given. Training Manuals shall be separate from Operation and Maintenance	Training will be done at customer's office/site & as per Bidder's standard.	Tender Condition Prevails
318	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	566	19.9	19.9.1 The Contractor shall keep records on the attendance of trainees. 19.9.2 The Contractor shall devise a system, standards in assessing the level of knowledge, understanding of the course content and proficiency of the trainees. The system and standards shall be submitted to the Employer for notice of no objection four weeks before the commencement of the training course. 19.9.3 The Contractor shall issue appropriate training certificate to the trainees who pass the assessment and have over 80-90% attendance. At the end of successful training, contractor shall issue competency certificates to O & M staff of various levels.	Training will be done at customer's office/site & as per Bidder's standard.	Tender Condition Prevails

319	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	423 424	20.1	20.1.1 This section of the specification covers the requirements for a Training Program to train the Employer's maintenance, operations and training personnel. The training Program shall enable the staff to operate, service, enhance, maintain, and interact with, the hardware, software, and firmware and associated equipment will perform in accordance with the specifications of this contract. The Contractor shall provide comprehensive training to the Employer's staff, including Employer's training Instructors. The Contractor shall provide competent training instructors, training manuals, all necessary aids and materials in support of all training courses. The training manuals shall be submitted in original plus five hard copies and in electronic format. The training instructors shall be qualified, competent, with sufficient years of practical experience in the	Please specify the no of trainees. Training will be done by as per Bidder's standard.	Exact numbers would be below 30. Training should cover the requirement specified in tender document.
320	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	424	20.2	The training shall be provided by the Contractor to the Employer's personnel in design, manufacturing, testing, system architecture and installation practices related to Lifts. This will cover training in India and abroad including training at manufacturing facilities	Training will be done at customer's office & as per Bidder's standard.	the training may be provided at employers premises or at the manufacturing centre of the bidders in India. Please refer to Addendum / Corrigendum.
321	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	424 425	20.3	20.3 Training Programme Contractor shall submit a training programme for imparting training to NMRCL employees with batches of approximately 15 trainees for Lift systems in following areas:	1. Training during manufacturing at factory premises not possible. 2. Installation & Site testing training can be done at site.(No. Of days Will Be as per Bidder's standard) 3. Opeartion & Maintenance practices for lifts can be done at site.(No. Of days Will Be as per Bidder's standard) 100 days not possible. All the accepted training can be done at site/ customer place & as per Bidder's standard.	the training may be provided at employers premises or at the manufacturing centre of the bidders in India. Please refer to Addendum / Corrigendum. (Trainer Man/days to be reduced)
322	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	425	20.4	20.4 Training Plan The Training Program shall be prepared and submitted by the Contractor as per requirements of GS.	The Training Program shall be prepared and submitted as per bidder's standard.	Tender Condition Prevails

323	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	569	20.4	1.0 Introduction:- The Contractor is requires to develop / get developed through the trade the 3D computer based Training package for the training of NMRCL maintenance engineers on operation, repair and maintenance of escalators which includes but not restricted to following features: (a) To understand the overall construction of the Escalators along with identification of various parts/ components. (b) To understand the construction and functional characteristics of drive system components. (c) To understand the fitment, construction and functional characteristics of Pit components. (d) To understand the functioning of the Driving Machinery & Gear assembly(Hand Rail, Step Chain), Safety Circuits (location and working of various safety switches), Power &	Training will be done at customer's office/site & as per Bidder's standard.	Tender Condition Prevails
324	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	425	20.5	20.5.1 The Contractor shall provide Training Courses on all facilities, systems, equipment, hardware, and firmware, software. Each Course shall be specific, and shall consist of classroom, hands-on, or field training as necessary to accomplish the Course Objectives specified in the Training Program Plan.	As per Bidder's standard.	Tender Condition Prevails
325	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	425	20.6	20.6 Training Materials The Contractor shall provide all Training Aids, Training Materials, Training Devices, Special Tools, fixtures, models, or other equipment required to train Course participants.	As per Bidder's standard.	Tender Condition Prevails
326	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	426	20.6	Training Manuals are a convenient source document for use in the field. The Contractor may prepare Training Manuals as per requirement of the project. Training Manuals shall be separate from Operation and Maintenance Manuals.	Please specify the type of training.	The training manual refers to the same training that is described in preceding clauses.
327	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	426	20.6	The Contractor shall prepare Training Manuals, and submit them to the Employer for the notice of no objection at least 60 days prior to the start of the Training Demonstration.	Bidder request to reduce the no of days @ 15 days prior to the start of Training Demonstration.	Agreed. Please refer to Addendum / Corrigendum.

328	II	VII, Works Requirement - General Specification - Part-A	318	22.18	Wherever, the Project Civil Works Contractor is not in a position to supply construction power and water supply to the systemwide contractor, he (the systemwide contractor) shall arrange for his own separate construction power and water supply.	Construction power and water supply to be supplied by Customer.	Tender Condition Prevails
329	II	VII, Work Requirement, Particular Specification Part-A Lifts	421	17.4.6	The Contractor shall ensure that all new versions are fully tested and validated on the simulation and development system prior to installation. The Contractor shall ensure that all new versions are fully tested and commissioned once installed on the Site. The Contractor shall deliver to the Employer any new version, together with the updated Operation and Maintenance Manuals. The Employer shall not be obliged to use any new version and that shall not relieve the Contractor of any of its obligations. Any effect upon the performance or operation of System that may be caused by a new version shall be brought to the Employer's attention.	NOT APPLICABLE	Tender Condition Prevails
330	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	562	19.1.2	The training shall be carried out at such locations where the greatest benefit for trainees may be gained. This may be in India, abroad, at place of manufacture, assembly or testing, or at such other locations as may be necessary. All places of training shall be subject to notice of no objection by Engineer.	Training will be done at customer's office/site & as per Bidder's standard.	the training may be provided at employers premises or at the manufacturing centre of the bidders in India. Please refer to Addendum / Corrigendum.
331	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	483	6.4.6.10	The chain rollers / wheels shall have durable elastomeric materials bonded to a metal die case hub. The shore hardness of the tyre materials shall be 92 ± 3 A when cured. The bond shall have sufficient strength to avoid de-tyring under all load conditions.	Bidder request to include that The chain rollers / wheels shall have durable elastomer materials bonded to a metal or Poly Urethane die cast hub. The shore hardness of the tyre materials shall be 92 ± 3A when cured. The bond shall have sufficient strength to avoid de-tyring under all load conditions.	Tender Condition Prevails

332	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	483	6.4.6.5	6.4.6.5 Step chains shall be of the endless roller type located on both sides of the moving step. The chains shall be provided in matched lengths and be of high quality steel construction incorporating links, pins, bushes, axles and rollers with three pitches between adjacent rollers. The step rollers and Chain rollers shall be located outside the chain links and shall be easily replaceable without dismantling the links. All chain pins shall be circlipped. Each step chain shall be provided with an automatic tension device to ensure proper tension under varying load conditions. A method shall be provided to shorten the chain by one step to compensate for chain elongation.	Bidders request to change this as per following: Step chains shall be of the endless roller type located on both sides of the moving step. The chains shall be provided in matched lengths and be of high quality steel construction incorporating links, pins, bushes, axles and rollers with three pitches between adjacent rollers. The step rollers and chain rollers are permitted to be located inside the chain link up to escalators rise of 11 meters and these rollers shall be located outside the chain links for escalators rise above 11 meter with relieving curve at four locations (top top - left, top top - right, top bottom - left and top - bottom right) and shall be easily replaceable without dismantling the links. All chain pins shall be circlipped. Each	Though, It is desirable to have the step rollers and chain rollers to be located outside the chain link. As alternate design, the step rollers and chain rollers are permitted to be located inside the chain link if they are easily replaceable without dismantling the links. Tender Condition Prevails. Please refer to Addendum/ Corrigendum.
333	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	548	13.1	Contract Packages for: Signalling, Communications and Train Control This contract provides for signalling and automatic train control systems including equipment in the station control rooms and the Operation Control Centre (OCC) such as train mounted control equipment, relay room equipment, independent telephone networks including automatic switching centres and exchanges, main trunk cables, direct telephone lines, communication equipment, emergency telephones, closed circuit television, radio communication. Automatic Fare Collection This contract provides for the revenue control system at stations, including automatic ticket vending machines, barriers, manual control and checking equipment and electronic linkages to station control rooms and the Central Control room. Rolling Stock This contract provides for air-	Not In Bidder"s scope	Bidder has to comply Interface requirement
334	II	VII, Works Require ment - General Specifica tion - Part-A	256	10.7.2	TOT shall be essential and shall include system assembly, installation, maintenance and software modification / customisation and training of Employer's personnel to cover the systems/subsystems: · Overhead collection system · SCADA System · Traction Power Supply equipment · Power supply installations · Earthing & Bonding System	Please Clarify	Kindly refer addendum/ Corrigendum

335	II	VII, Works Require ment - General Specifica tion - Part-A	256	10.7.3	TOT shall essentially include the following aspects as a minimum: · Engineering or extensions and up gradations of the system. · Re-engineering to suit changed traffic conditions. · Incorporation of optional facilities. · Addition/Modification to depot yards. · Change in parameters of Rolling Stock. · Any other configuration/ programmes required for maintenance/ up gradation of hardware/ software.	Please Clarify	Kindly refer addendum/ Corrigendum
336	II	VII, Works Require ment - General Specifica tion - Part-A	258	11.2.1- 11.2.2	11.2.1 The Contractor shall arrange all documentation in accordance with the Employer requirements. 11.2.2 The Contractor shall provide documentation for all hardware and software for computer systems and other associated electronic equipment to meet the following requirements. Such documents shall include but not be limited to: (1) manufacturers' documentation supplied as standard with the equipment; (2) hardware configuration with details of expansion capabilities and options; (3) programme loading instructions, including runtime environment configuration; (4) programme listing including comprehensive 'comment statements' in hard copy and soft format for source code, compilers and development tools necessary to modify and recompile software; (5) flow charts, data flow diagrams and state diagrams as appropriate; (6) description of software modules	Operation & Maintenance manual (if Any) will be provided in hard copy & soft copy (in PDF) only.	Clause is self-explanatory, Tender Condition Prevails
337	II	VII, Works Require ment - General Specifica tion - Part-A	262	12.3.1	The Contractor shall provide supervisory maintenance staff who are experts in the first and third line faultfinding, maintenance and repair of the various systems supplied under the Contract covering at least the following: (1) OCS Equipment System; (2) SCADA System; (3) Cabling Work; (4) Circuit Breakers; (5) Protection and measuring transformers; (6) Bonding and Earthing System; (7) Batteries	Not in Bidder's scope	Scope has been modified in clause 12.3.1. Please refer addendum/ Corrigendum

338	II	VII, Works Requirement - General Specification - Part-A	270	15.5.1	Temporary water, electricity, telephone, sewerage and drainage facilities shall be provided for the Engineer's accommodation and for the Contractor's use in carrying out the Works. The Contractor shall make all arrangements with and obtain the necessary approvals from the relevant authorities for the facilities.	Not in Bidder's scope	The bidder shall be required to share some of his office space with the inspecting official's of the employer.
339	II	VII, Works Requirement - General Specification - Part-A	270	15.5.3	Access roads and parking areas shall be provided within the Site as required and shall be maintained in a clean, passable and stable condition.	Maintenance of roads & parking areas is not in Bidder's scope	Clause is modified. The bidder shall take all action and care so that the area around its site office do not deteriorate and becomes nuisance for others.
340	II	VII, Works Requirement - General Specification - Part-A	270	15.6.2.2	The accommodation shall be maintained in a clean, stable and secure condition and shall be cleaned at least daily. The services of a full-time attendant shall be provided for the Engineer.	Not in Bidder's scope	Clause is modified. The bidder shall take all action and care so that the area within the site office do not deteriorate and becomes nuisance for others.
341	II	VII, Works Requirement - General Specification - Part-A	270	15.6.2.3	Office facilities and equipment provided for the use of the Engineer shall be maintained in a clean and serviceable condition including refreshments, stationeries, printer & cartridges, etc, all consumables shall be replenished when required. Measuring and testing equipment shall be calibrated before it is used and at regular intervals reviewed by the Engineer. Survey equipment shall be maintained by the service agent and shall be regularly checked. Equivalent replacements shall be provided for equipment that is out of service.	Not in Bidder's scope	These conditions have been put for ensuring smooth working of engineer's of employer along with the personnel of the contractor. tender condition prevails
342	II	VII, Works Requirement - General Specification - Part-A	270	15.6.2.5	The accommodation to be provided for the Engineer is for the exclusive use of the Engineer's staff associated with the Project.	Not in Bidder's scope	The bidder shall be required to share some of his office space with the inspecting official's of the employer.

343	II	VII, Works Require ment - General Specifica tion - Part-A	270	15.6.2.6	All accommodation and equipment for the Engineer shall be provided throughout the course of the Works and for so long a period of time during the Defects Liability Period as the Engineer may require.	Not in Bidder's scope	Deleted, Kindly ref Addendum/Corrigendum
344	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.2.7	The Contractor's proposals for the construction of the offices shall be submitted for review by the Engineer within 14 days of the Commencement Date of the Works and erected within 42 days of the Commencement Date of the Works.	Contrsuction Of Offices is not in Bidder's scope.	Deleted, Kindly ref Addendum/Corrigendum
345	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.2.8	The Contractor's attention is drawn to the fact that if directed by the Engineer, resident site staff for the Project shall be allowed use of the Engineer's Site accommodation including the extension of servicing to these resident site staff.	NA	Deleted, Kindly ref Addendum/Corrigendum
346	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.1	The Contractor shall provide transport for the Employer and Engineer from the Commencement Date of the Works.	Not in Bidder's scope	Tender Condition Prevails
347	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.2	The transport shall be for the exclusive use of the Employer or the Engineer and persons authorised by the Employer or the Engineer and shall be available at all times during normal working hours and at other times when the Contractor is working or when instructed by the Employer or the Engineer. The transport shall not be used by the Contractor or other persons.	Not in Bidder's scope	The bidder shall arrange for transportation of engineer authorised by the employer in connection with inspection, supervision and measurement work
348	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.3	The transport shall be maintained in a clean and serviceable condition and shall be serviced regularly. The Contractor shall provide toll charges, parking fees, taxes, licenses, insurance, fuel, oil and other consumables. All transport shall be covered by fully comprehensive insurance, which includes passenger liability and which allows the vehicle to be driven by any driver.	Not in Bidder's scope	tender condition prevails
349	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.4	A competent driver shall be appointed and shall be available to drive the land transport when required by the Employer or the Engineer.	Not in Bidder's scope	tender condition prevail

350	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.5	Records of journeys shall be kept in logbooks provided by the Engineer.	Not in Bidder's scope	tender condition prevail
351	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.6	Equivalent alternative transport shall be provided when the designated transport is unavailable.	Not in Bidder's scope	tender condition prevail
352	II	VII, Works Require ment - General Specifica tion - Part-A	271	15.6.3.7	The transport shall be provided until the end of the Defects Liability Period or such earlier date as instructed by the Engineer.	Not in Bidder's scope	tender condition prevail
353	II	VII, Works Require ment - General Specifica tion - Part-A	272	15.8.3	Attendance on the Commissioner of Rail Safety or other inspecting authorities	Not in Bidder's scope	Tender Condition Prevails
354	II	VII, Works Require ment - General Specifica tion - Part-A	272	15.8.3.1	The Contractor shall afford all necessary attendance upon the Commissioner of Rail Safety or other inspecting authorities / Inspectorate during their inspections including adequate and safe means of access to appropriate parts of the Site.	Not in Bidder's scope	Tender Condition Prevails
355	II	VII, Works Require ment - General Specifica tion - Part-A	272	15.8.4	Attendance on the Fire Services Department. The Contractor shall afford all necessary attendance upon the Fire Services Department to enable them to carry out such tests and inspections as are required by the City fire service of Practice for Inspection and Testing of Installations and Equipment and the requirements of any Other Contractors. Such attendance shall include adequate and safe means of access to all parts of the Site.	Not in Bidder's scope	Tender Condition Prevails

356	II	VII, Works Require ment - General Specifica tion - Part-A	277	17.3.1	Where required under the Contract, the Contractor shall provide all Site services as necessary and appropriate for the construction of the Works, which shall include, but not necessarily be limited to: (1) electricity; (see Chapter 22 below) (2) water; (3) compressed air; (4) Site communication facilities; and (5) temporary drainage and sewage disposal.	Not in Bidder's scope	Tender Condition Prevails
357	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	419	17.4.1	General The Contractor shall submit to the "Engineer/ Engineer's Representative" for notice of no objection, the software support plan at least 90 days before commencement of software installation.	Not in Bidder's scope	Tender Condition Prevails
358	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	558	17.4.1	General The Contractor shall submit to the Engineer for notice of no objection, the software support plan at least 90 days before commencement of software installation. The employer will have right for multiple use of software. Employer at his discretion may download the software on multiple PCs as per the requirement. For this purpose, no specific password, Key Number etc. should be required from the Contractor / Software firm. All changes, bug fixes, updates, modifications, amendments, new versions shall not result in any non-conformance with this Specification. The Contractor shall submit all new versions to the Engineer for notice of no objection at least 2 weeks prior to their installation. The new versions of software shall not degrade the operation of the System.	Not in Bidder's scope	Tender Condition Prevails

359	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	420	17.4.2	Within 14 days of the installation of any software into the Permanent Works by the Contractor, the Contractor shall submit to the "Engineer/ Engineer's Representative" for retention by the Employer two backup copies of the software, which shall include any specified development tools required for maintenance of the software, including, but not limited to, editors, compilers and linkers. Any software item delivered by the Contractor to the "Engineer/ Engineer's Representative" pursuant to the above Paragraph shall not be translated or modified by the Employer without the prior consent of the Contractor unless: the owner of the software becomes insolvent or has a receiving order made against it or makes an arrangement or assignment or composition with or in favour of its creditors (including the appointment	Not in Bidder's scope	Tender Condition Prevails
360	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	558	17.4.2	Security Obligations Within 14 days of the installation of any software into the Permanent Works by the Contractor, the Contractor shall submit to the Engineer for retention by the Employer two backup copies of the software, which shall include any specified development tools required for maintenance of the software, including, but not limited to, editors, compilers and linkers. Any software item delivered by the Contractor to the Engineer pursuant to the above Paragraph shall not be translated or modified by the Employer without the prior consent of the Contractor unless: - the owner of the software becomes insolvent or has a receiving order made against it or makes an arrangement or assignment or composition with or in favour of its creditors (including the appointment of a committee of	Not In Bidder's scope	The query is not clear. Tender Condition Prevails
361	II	VII, Works Require ment - General Specifica tion - Part-A	277	17.4.3	Where required under the Contract, the Contractor shall provide and maintain a patrol unit for the duration of the Contract. The unit shall comprise 1 foreman and 2 labourers whose services shall be allocated full-time to the unit. The main duties of the patrol unit shall include the upkeep of lighting, signage and security as well as other related duties as instructed from time to time by the Engineer.	Not in Bidder's scope	Tender Condition Prevails

362	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	559	17.4.4	Training The Contractor shall provide training for Employer's staff to enable the Employer to make proper use of any new versions.	Training will be done at customer's office & as per Bidder's standard.	Tender Condition Prevails
363	II	VII, Works Requirement - General Specification - Part-A	278	17.5.1	Measures shall be taken to prevent mosquito breeding on the Site. The measures to be taken shall include the following: (1) empty cans, oil drums, packing and other receptacles which may retain water shall be deposited at a central collection point and those not required for future use shall be removed from the Site regularly; (2) standing water shall be treated at least once every week with an environmental acceptable oil which will prevent mosquito breeding; and (3) Contractor's Equipment and other items on the Site that may retain water shall be stored, covered or treated in such a manner that water will not be retained.	Any work related to Elevator & Escalator Installation testing & Commissioning at site will be in bidder's scope. Rest all not in ours scope.	It is a HSE (Health Safety and Environmental) Requirement. Tender Condition Prevails
364	II	VII, Works Requirement - General Specification - Part-A	278	17.5.2	Posters in English, Hindi and Marathi drawing attention to the dangers of permitting mosquito breeding shall be obtained from the Maharashtra Government and displayed prominently on the Site, to the requirement of the applicable enactments. These posters shall be removed on Employer's Taking Over of the Works.	Not in Bidder's scope	Tender Condition Prevails
365	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	560	18.3.2	Portable laptop / Notebook with latest hardware configuration (as approved by the Engineer), one for each section / Reach shall be provided to allow rapid verification of satisfactory operation of system, assist in trouble shooting and isolating sub-system failures. Use of Portable laptop computer shall not require any mechanical or electrical disconnection to or within the sub-system under tests. Four sets of portable laptop computer for the entire contract specified at clauses 18.3.2 shall be provided by the Contractor.	Not in Bidder's scope	Tender Condition Prevails

366	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	561	18.4.4	The Contractor shall supply one complete set of any special tools for each type of Escalator that are necessary for routine maintenance to be carried out. These tools shall be supplied in a suitable hard wood or steel tool box	Please clarify which special tools are required & also how many set required per stations.	Any special tools used during erection testing and commissioning and not covered under Annexure 7 of Appendix E; 1set per station
367	II	VII, Works Requirement - General Specification - Part-A	292	18.7.3.1	The Contractor shall provide and maintain safe mechanical cranes. Hoists and conveying facilities for the lifting and transport of materials and shall comply with all relevant requirements of IS 807 code of practice for the design and manufacturing testing and commissioning of cranes. All cranes, hoists and the like shall be fitted with audible overload warning devices. All such equipment shall be regularly maintained in accordance with manufactures' recommendations and standards having regard to local legislation and recommendations from the appropriate statutory authority.	Not in Bidder's scope	Tender Condition Prevails
368	II	VII, Works Requirement - General Specification - Part-A	292	18.7.3.5	Competent operators with certificates certifying that the proposed operator has received training in the general principles of crane operation and specific training in the type of lifting of hoisting equipment he is required to operate shall be provided for the control of all lifting and hoisting equipment.	Please clarify	Clause is self-explanatory, Tender Condition Prevails
369	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	562	19.1.1	This section of the specification covers the requirements for a Training Program to train the Employer's maintenance, operations and training personnel. The training Program shall enable the staff to operate, service, enhance, maintain, and interact with the hardware, software, and firmware such that the Escalator systems and associated equipment will perform in accordance with the specifications of this contract. The Contractor shall provide comprehensive training to the Employer's staff, including Employer's training Instructors. The Employer's staff basically consist of Executives, senior supervisors, junior supervisors and maintainers. Some of the senior supervisors would be nominated as Employer's Training instructors. The Contractor shall provide competent training instructors, training manuals, all necessary aids and materials in support of all	Training will be done at customer's office/site & as per Bidder's standard.	Training should cover the requirement specified in tender document.

370	II	VII, Work Requirement, Particular Specification Part-A Lifts	422	19.2.2	The Provision of the special tools used during erection testing and commissioning under this part of the Particular Specification shall be deemed to have been included in the Contract and shall be handed over to the Engineer within One & half year from date of signing of LOA .	Please Clarify which tools to be handed over to Customer.	Any special tools used during erection testing and commissioning of Lifts and Escalator and which are not covered under Annexure 7 of Appendix E
371	II	VII, Work Requirement, Particular Specification Part-A Lifts	423	19.2.4	19.2.4 The Contractor shall supply one complete set of any special tools not covered under annexure-7 of appendix E for each type of Lifts per station that are necessary for routine maintenance to be carried out. These tools shall be supplied in a suitable hard wood or steel tool box.	Please clarify which special tools are required & also how many set required per stations.	Any special tools used during erection testing and commissioning of Lifts and Escalator and which are not covered under Annexure 7 of Appendix E
372	II	VII, Works Requirement - General Specification - Part-A	195	2.3.5	2.3.5 Employer, his IT Project Team and IT Implementation Agency shall render necessary assistance (including providing trained IT staff with requisite skills at Contractor's cost) and handhold the Contractor for usage of the IT system.	NOT APPLICABLE	The IT Requirement of the bidder has been reviewed, Kindly refer Addendum/ Corrigendum
373	II	VII, Works Requirement - General Specification - Part-A	196	2.5.1.1	2.5.1.1 Within 7 days of the Commencement Date of the Works, the Contractor shall submit for review by the Engineer, his proposed initial version of the Works Programme which shall provide full programme details for the complete Contract Period of the Contract.	21 days required.	Tender Condition Prevails
374	II	VII, Works Requirement - General Specification - Part-A	197	2.5.2.3	2.5.2.3 The Works Programme shall include activities for all the phases and stages of the Works, clearly showing all logical interdependencies and stages in the development of the Contractor's procurement, installation, commissioning and setting to work. As a minimum, it shall include: (1) all work comprising the Permanent Works; (2) preparation, submission and review of Design Documents showing all items where review by the Engineer is required; (3) procurement of all major materials and items of Contractor's Equipment for the Works, including the dates by which orders are to be placed, manufacture period and the expected delivery date to the Site for each item; (4) any software development requirements and validation time frames; (5) all manufacture or prefabrication of materials or components; (6) all installation of major Temporary Works; (7) all	As per Bidder's standard.	Tender Condition Prevails

375	II	VII, Works Require ment - General Specifica tion - Part-A	199	2.7.5	2.7.5 The Material Control Schedule shall be automated and shall detail the following information for each permanent major and minor material and significant component. The format of such a schedule shall include: (1) name, description, supplier/sub-supplier details; (2) drawing information (where appropriate), title, drawing status, submission dates, shop drawings/ fabrication drawing preparation, etc.; (3) the manufacturing process, manufacturing of test pieces, trial production, Engineer's inspection, monthly production of components and monthly supply of components; (4) the assembly process, erection and assembly sequences (particularly for the first pieces) prior to shipment, test assemblies, monthly assembly requirement, Engineer's inspection, testing of assemblies; and (5) Transportation process, quality release from factory, factory storage,	Please Provide the format if any.	Clause is self-explanatory. Bidder to develop the format as per the items listed in the clause.
376	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	424	20.1.2	20.1.2 The training shall be carried out at such locations where the greatest benefit for trainees may be gained. This may be in India, abroad, at place of manufacture, assembly or testing, or at such other locations as may be necessary. All places of training shall be subject to notice of no objection by "Engineer/ Engineer's Representative".	Training will be done at customer's office & as per Bidder's standard.	the training may be provided at employers premises or at the manufacturing centre of the bidders in India. Please refer to Addendum / Corrigendum.
377	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	425	20.5.5	20.5.5 The Contractor shall provide training courses for each of the sub-systems, including, but not be limited to: i) Lift Control and Function system ii) Lift drive system iii) Lift Control & monitoring system Different types of training courses of each subsystem shall be provided for staff from different disciplines. Operations training courses shall be provided for the operations staff. Maintenance courses shall be provided for maintenance staff. The Employer's Training Instructors shall attend all types of training courses such that the Employer's Training Instructors shall be able to subsequently train the Employer's additional staff in future in all aspects of operation and maintenance of the System.	As per Bidder's standard.	Tender Condition Prevails

378	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	471	4.10.1	The Escalators shall achieve minimum availability of 99.9% calculated as above	Bidder request to reduce the minimum availability of 99.9% in to 98%	Tender Condition Prevails
379	II	VII, Work Requirement, Particular Specification Part-A Lifts	355	4.16.1	Unless otherwise stated herein, the design, installation, testing and commissioning shall comply with the latest edition of all applicable standards issued by the Bureau of Indian Standards and other relevant local regulations applicable. IS - 14665 : All parts (Latest Version). IS - 15785 : installation and maintenance of lifts without conventional machine rooms. IS - 15330 : Installation and Maintenance of Lifts for differently abled Persons - Code of Practice IS - 7759 : Specification for lift doors locking device and controls. IS-1860 : Code of practice for Installation, Operation and Maintenance of Electric passenger and goods Lifts Additional requirements imposed by statutory or government authorities not listed above shall be complied with.	We Follow EN 115	Tender Condition Prevails
380	II	VII, Works Requirement - General Specification - Part-A	223	4.2.1.1	4.2.1.1 All submissions shall be made to the Engineer in a format reviewed without objection by the Engineer and in accordance with the requirements in: (1) the Contract; (2) the Computer Aided Design & Drafting (CADD) Manual; and (3) the Document Submittal Instructions to Contractors	CADD manual will not be provided.	Tender Condition Prevails
381	II	VII, Works Requirement - General Specification - Part-A	224	4.2.1.5	4.2.1.5 If required, two copies of all internal and external orders placed by the Contractor for equipment or materials required for the Works shall be forwarded to the Engineer at the time of issue. All orders shall state the Engineer's requirements for inspection and testing, shall bear the Contract reference, Contractor's name and address and shall indicate, where applicable, the sub-section of the Works for which the equipment or material is required.	Please Clarify	Clause is self-explanatory, Tender Condition Prevails

382	II	VII, Works Requirement - General Specification - Part-A	224	4.2.1.7	4.2.1.7 The Contractor shall have the obligation to upgrade, at his own cost, all the relevant software to the latest version upon instruction by the Engineer, after the new version of the relevant software has been launched for more than six months in Nagpur.	Upgradation of software is not in Bidder's scope	Tender Condition Prevails
383	II	VII, Works Requirement - General Specification - Part-A	224	4.2.1.8	4.2.1.8 The Contractor shall submit a drawing register to the Engineer in electronic copy and hard copy with each submission of drawings and at an interval agreed by the Engineer. The drawing register shall be in a format submitted for review and agreed without objection by the Engineer and shall include each document reference number, version, date, title and data-file name.	GAD will be provided after award of contract. (both Hard copy & Soft Copy only)	Clause is self-explanatory, Tender Condition Prevails
384	II	VII, Works Requirement - General Specification - Part-A	224	4.2.2.1	4.2.2.1 Unless otherwise specified or permitted by the Engineer, each submission shall comprise: (1) for drawings - one A1 master on vellum (signed by the Contractor), one A1 copy on vellum, one paper A1 copy, six paper A3 copies and an electronic data copy of all drawings; and (2) for documents - the unbound original, six bound copies and an electronic copy when applicable.	Instead of Vellum, A3 paper will be used for submission of drawings	Drawings may be submitted on plain paper however size would be as per tender condition
385	II	VII, Work Requirement, Particular Specification Part-A Lifts	350	4.3.1	c) The Lift Sub-systems and Equipment proposed by the Contractor shall have been in use and have established their performance reliability on at least two Mass Rapid Transit Systems in Revenue Service over a period of at least two years.	Please clarify whether the completion certificate of the project will serve the purpose.	Clause is self-explanatory
386	II	VII, Works Requirement - General Specification - Part-A	225	4.3.2	4.3.2 Within 28 days of the Commencement Date of the Works, the Contractor shall submit a Project document control procedure to the Engineer for review, which shall include but not be limited to the following: (1) a document approval system which shall specify the level of authority for approval of all documents and material before submission to the Engineer; (2) a system of issuing documents to ensure that pertinent documents are issued to all appropriate locations; (3) a document change or re-issue system to ensure that only the latest revision of a document can be used; and (4) a submission identification system which identifies each submission uniquely by the following: a. contract number; b. discipline; c. submission number; and	Please Clarify	Clause is self-explanatory, Tender Condition Prevails

387	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	469	4.4.3	This process shall ensure that interfaces and interaction between System, infrastructure, sub-systems, software, and operating and maintenance requirements have been identified and designed/ executed to function together as a system.	We will provide interface only.	The interaction between the controller and subsystem should be on open protocol like Modbus/Backnet . Similarly, on controller side it must have communication facility on TCP/IP Protocol.
388	II	VII, Work Requirement , Particular Specification Part-A Lifts	352	4.9.1	The Reliability requirements of this PS shall be subsidiary to the Availability and Maintainability requirements of this PS. The reliability of equipment should of the level that it does not result passenger trappings in the Lift due to equipment failure. Any claim/Damage /Compensation claimed by the affected passenger/ Lift user on account of equipment failure shall be recovered from the firm. In addition, NMRCL may impose a penalty @ Rs.15,000/- (Rs. Fifteen Thousand Only) per case. This penalty is applicable during DLP and AMC. The Reliability measure for the Lifts shall be the Mean Time between Maintenance Action (MTBMA).This covers both preventive as well as corrective maintenance. The Lifts shall achieve a MTBMA of not less than 7 days.	NOT ACCEPTABLE	Tender Condition Prevails
389	II	VII, Work Requirement , Particular Specification Part-A Lifts	372	6.13.1	The Contractor shall provide a Lift inter-communication between the Lift Car, main control cubicle and SC/CC room consisting master and slave stations.	Please provide us the distance between the lift car, main control cubicle & SC/CC room.	Approximate Distance between Lift Car & Main control Cubicle is 100Mtr
390	II	VII, Work Requirement , Particular Specification Part-A Lifts	372	6.13.4	A master station shall be supplied and installed in the Station Control Room (SCR)/ CC room. A single intercom system to handle the calls from all lifts shall be installed and it shall be handset type with call identification facility.	Please provide us the distance between the car & Station Control Room (SCR)/ CC room.	Approximate Distance between Lift Car & Main control Cubicle is 100Mtr

391	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	373	6.16.1	Landing Doors a) Fire Rating Stainless steel landing doors shall have a minimum of 2 hours fire rating. Landing doors with glass panels shall have a minimum of 1 hour fire rating. These doors shall be suitably tested and provided with approved stickers.	Bidder suggest that the landing doors with glass panels & stainless steel panels both shall have a minimum 2 hour fire rating.	any specification better than the tender condition is acceptable
392	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	376	6.18.2	The water sensors in the Lift pits shall be provided wherever pits are on the ground level or below the ground level. The requirement of water sump in the Lift pits for such Lifts shall be coordinated with the civil contractor.	Waterproof pit required.	although all efforts are being taken to make the pits perfectly waterproof but the elevator contractor should still take all required design precautions
393	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	376	6.18.3	h) There shall be provision of CFL lights inside the shaft & in undercroft of car base which can be controlled from the top landing & from pit it should have an intensity of 200 lux at floor level.	LED lights will be provided.	LED Lights can be provided. Tender condition modified please ref addendum/corrigendum
394	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	378	6.19.10	There shall be provision of surge protection, power filters and other necessary equipment to avoid failure or elevator equipment on account of quality of power.	Not in Bidder's scope	Tender Condition Prevails
395	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	379	6.19.12	All wiring and apparatus shall be subject to acceptance and suitable for the specified electrical supply. The insulation of all wiring including those within the controller shall be of FRLS for elevated stations complying with the special cable requirement of this specification.	We will provide halozen free cables.	any specification better than the tender condition is acceptable

396	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	378	6.19.2	The Lifts shall be designed to operate on a 415V ($\pm 10\%$) AC, 3 phase, 4 wire, 240V $\pm 10\%$ a.c. 50Hz single phase, power supply. Power supply armoured cables up to Lift's main control cubicle, and routing done up to the entry point in the elevator's shaft shall be supplied by the Designated Electrical Contractors. The Contractor shall coordinate with the respective Contractors to incorporate their requirements. Main switch/MCB Box with ELCB etc should be as per Employer approved vendors. The shaft CFL lighting (200 lux as per IS 15785), ventilation arrangement and pit socket outlets shall be provided by the elevator contractor. The fixtures and cables will be get approved by the Employer.	The shaft lighting, ventilation arrangement and pit socket outlets is not in bidder's scope	Tender Condition Prevails
397	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	378	6.19.3	There should be provision of light on the top edge of the elevator door on all landings ensure proper illumination and their identification. The light should be LED type.	Not in Bidder"s scope	Tender Condition Prevails
398	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	358	6.2.1	Each Elevator shall have its own driving machine. The method of drive shall be Electric Traction with Gear less motor having V3F Control & regenerative braking (supporting detailed calculation of energy saving viz a viz cost saving shall also be submitted) (i) The System, including all Sub-systems and Equipment shall be of proven design. (ii) The Elevator Sub-systems and Equipment proposed by the Contractor shall have been in use and have established their performance reliability over a sufficiently long period of time. In support of the performance certificate from the client user of the system is to be submitted.	Regeneration of energy for 2 stops in lifts will be negligible & suggest not to have regenerative drive. Detailed calculation can't be submitted for energy saving. Client to confirm if regenerative drive is required?	Regenerative Drive is required. Tender Condition Prevails

399	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	362	6.2.14	The software for elevator should be so designed that (i) The problem of man-trap and safety related requirements are completely addressed and the software enables the doors to open in all type of faulty situation. (ii) Suitable provisions shall be made in hardware/software so that there should not be loss of any data due to power failure or any type of power disturbance etc. Various fault situation covered by the software shall be reviewed at design stage.	During technical fault we don't recommend doors to open & lift to travel hence not be given as a safety concern. During power failure ARD will activate & man trap will be released & for any technical failure our person will release the man trap.	Tender Condition Prevails
400	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	359	6.2.5	6.2.5 The reliability, availability and maintainability requirement elevator are follows: a) Reliability Requirements The Reliability requirements of this PS shall be subsidiary to the Availability and Maintainability requirements of this PS. The reliability of equipment should of the level that it does not result passenger trappings in the Lift due to equipment failure. Any claim/Damage /Compensation claimed by the affected passenger/ Lift user on account of equipment failure shall be recovered from the firm. In addition, NMRCL may impose a penalty @ Rs.15,000 (Rs. Fifteen Thousand Only) per case. This penalty is applicable during DLP and AMC. The Reliability measure for the Lifts shall be the Mean Time between Maintenance Action (MTBMA).This covers both preventive as well as corrective maintenance.	Bidder's Request to reduce the Penalty @Rs. 2000 per incident. NO claim/Damage /Compensation claimed by the affected passenger/ Lift user on account of equipment failure shall be recovered from the firm.	Tender Condition Prevails
401	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	360	6.2.5	viii. The maintainability shall measure by fault rectification time which should not exceed 4 hours since its reporting to contractor call centre or his representative by OCC/NMRCL.	Bidder request you to increase time to 8 hrs	Tender Condition Prevails

402	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	360	6.2.5	The call out ratio i.e. engineer visits to the site for non-schedule maintenance for the failures as defined above, should not exceed 2 on any one of the Elevators in a year. The average call out ratio should not exceed 1.5 for the Elevators provided by the bidder under this contract on the concerned line. The period one year will commence from date of Revenue Operation / Taking over whichever is later. If the visit of engineer for nonschedule maintenance exceeds 2 per Elevators per year or 1.5 average call out ratio exceed, a penalty of Rs. 15,000/- (Rs Fifteen Thousand Only) shall be imposed for each such visit. The penalty shall applicable during DLP and AMC	Not Acceptable	Kindly ref Addendum/ Corrigendum
403	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	385	6.26.7	The elevator contractor shall interface with other designated contractors on his own for the provision of architecture signage other than the provided in the architrave.-same. Architrave Signage's shall be LED based and their cable shall be FRLSOH. (Interface table is modified to that extend). Design and its fitment will be approved during design approval stage	Not in Bidder"s scope	FRLS Cable Can be accepted as a alternative, Tender Condition Prevails
404	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	363	6.3.2	a) Driving motor shall be of the AC synchronous/asynchronous axial type designed for special duty cycles required for Lift operation with no slip rings. It should have a high starting torque, high power factor, high efficiency not less than 85% and low energy consumption. b) For all type of elevators, the motor shall be capable of not less than 180 starts per hour without excessive temperature rise. c) The maximum temperature rise of the winding shall not exceed 50°C above ambient temperature when operated under normal condition. d) Provision shall be made to enable the speed to be checked at main Control cubicle. e) The motor shall carry a nameplate giving full details of its ratings and characteristics. f) The motor used shall have Class F insulation and shall be designed for 110% of rated	Bidder request you to reduce efficieny to 78%	Tender Condition Prevails

405	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	476	6.3.2	Escalators shall be heavy duty, reversible type and capable of operating safely, smoothly and continuously in both directions for a period of not less than 20 hours a day, seven (7) days a week with an alternating passenger load reaching 100% of Contract Load (120kg per step) for two hour and 50% of Contract Load for the following hour within the environmental conditions as stated in the General Specification and at the location where the Escalators are to be installed.	Bidder suggest Escalators shall be heavy duty with proven design of energy efficiency with VVVF (Variable voltage variable frequency) drive, reversible type and capable of operating safely, smoothly and continuously in both directions for a period of not less than 20 hours a day, seven (7) days a week with an alternating passenger load reaching 100% of Contract Load (120kg per step, including all horizontal steps) for 01 hour and 50% of Contract Load for the following 02 hours and so on for 20 hours a day, seven days a week within the environmental conditions as stated in the General Specification and at the location where the escalators are to be installed. The heavy duty escalator should be a proven, tested and sustainable product for MRTS applications in terms	Tender Condition Prevails
406	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	389	6.31.2	Noise levels resulting from the operation of the elevator, including direct sound transmission breakout noise and re-radiation of structure borne noise shall not exceed 55 dB(A) (fast response) at 1.5 m from the elevator shaft and 1.5 m above the floor;-.	Noise Level will be 58dBA	Tender Condition Prevails
407	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	389	6.31.3	Machinery noise level under normal operating conditions shall not exceed 70 dB (A) at 1 m from the equipment in free field.	Machiner Noise Level will be 80dBA	Tender Condition Prevails
408	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	389	6.31.4	The total noise level in a moving elevator car shall not exceed 55 dB (A) with ventilation fan operating.	Noise Level will be 58dBA	Tender Condition Prevails

409	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	390 392	6.33.1.2	Simulation System Instructor Panel with Software Instructor Software will consists of following: i. Instructor Software Features ii. GUI on screen iii. Fault list Instructor Software Features: The software should be such that-"The system of isolation of faulty sub- system /equipment through simulation and complete functional testing of elevator through simulation should be possible Understanding /Analysis of normal/abnormal values of various parameters along with all the on-board instruments displaying them should be possible Broadly software should have following features:- a) Instructor should have the control over the operation of the software. b) Instructor should be able to select modes of operation i.e Operational mode or	Please Clarify	Clause is self- explanatory
410	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	392	6.33.1.3	6.33.1.3 Learning Resources:- Complete system documentation along with training manual, having following features:- i. e-Learning Software. ii. 3D Remedial I Replacement of major Components in virtual 3Denvironment. iii. Wall Charts. iv. Documentation (interactive Training Manual)		Tender Condition Prevails
411	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	364	6.4.3	The factor of safety based on maximum static load for car and counterweight ropes shall be least 12.	Bidder request you to change factor of safety to 10	Tender Condition Prevails
412	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	483	6.4.6.11	The minimum diameters of the chain roller and the trailer rollers shall be 75mm. Preference will be given to designs that provide larger roller diameter for Escalator above 8.0 metres vertical rise. The roller shall have a minimum width of 20mm.	Bidder request to include that The minimum diameters of the chain roller and the trailer rollers shall be 100 mm for outside step chain link rollers and 75 mm for inside step chain link rollers. The rollers shall have a minimum width of 25 mm.	Kindly ref Addendum/ Corrigendum

413	II	VII, Works Requirement - General Specification - Part-A	233	6.6.2	6.6.2 The Operational Safety Report (Software) (OSR(S)) shall include, as a minimum: 6.6.2.1 OSR(S) - Introduction Shall describe the nature of the software sufficiently to ensure that the Engineer is given a comprehensive overview of primary characteristics such as structure, functions, criticality, volume and language. 6.6.2.2 OSR(S) - Evidence of Quality Management Shall provide evidence to demonstrate that the software development has been subject to acceptable quality assurance. 6.6.2.3 OSR(S) - Evidence of Safety Management Shall provide evidence to demonstrate that the software development has been subject to acceptable safety management. 6.6.2.4 OSR(S) - Technical Report Shall describe how software integrity has been achieved. 6.6.2.5 OSR(S) - Operation and Maintenance Report Shall describe the software operation	Not in Bidder's scope	Tender Condition Prevails
414	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	491	6.6.24	Four number Bollards shall be installed - two at the entry of Escalator landings to prevent the passenger with bulky luggage or baby carriage from boarding the Escalator & two at the exit. The bollards height shall be 100 cm and shall carry the traffic light. The traffic light should interface with the direction of Escalators i.e. light shall be red when Escalator is not available for use and shall be Green when Escalator is available for use. The details shall be got issued notice of no objection by the Employer/ Employer's representative at the time of design.	We recommend not to use bollards	Agreed, Kindly ref addendum/ Corrigendum
415	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	492	6.7.2	Provisions of LED Based Remote Monitoring System Panel (Audio Visual Indication Panel) in Station Control / Customer Care Room for the Remote Monitoring System (RMS) of Escalators	We recommend to have computer based RMS system.	Agreed and Clause 6.7.2 modified. Please check Addendum / Corrigendum. RMS should be implemented by providing connectivity on a Digital LAN/WAN to BMS/SCADA system on TCP IP Protocol

416	II	VII, Work Requirement, Particular Specification Part-A Lifts	366	6.8, 6.8.1	a) Adjustable guide shoes shall be provided and properly fitted at the top and bottom on each side of the car frame and the counterweight frame. The guide shoes shall be slipper type or roller guides as appropriate.	Please Clarify whether sliding Guide shoe Or Roller guide shoe is required.	Both alternative are accepted
417	II	VII, Work Requirement, Particular Specification Part-A Lifts	367	6.8.7	b) A low speed fan of low noise shall be used. The noise level of Fan used for ventilation shall not exceed 50DBA (+5%) at a distance of 1 meter away from the fan inside the Lift car.	Noise Level will be 58dBA	Tender Condition Prevails
418	II	VII, Works Requirement - General Specification - Part-A	243	9.2.7	9.2.7.1 FAI shall be performed jointly by the Employer and the Engineer and the Contractor on all major equipment items or sub-systems identified by the Engineer. 9.2.7.2 Equipment shall be shipped from the point of manufacture only after a FAI has been completed or the requirement waived in writing by the Engineer. 9.2.7.3 The Contractor shall provide a minimum of 15 working days notice to the Engineer before any FAI. Other than the FAI, the Contractor shall give the Engineer notice of all Quality Control Points and Quality Hold Points involving inspections and/or tests by the Contractor in accordance with Clause 9.8.1 below. 9.2.7.4 At least 15 days prior to each FAI, the latest drawings, inspection and test procedures, specifications and quality documentation required for adequate inspection of the equipment under inspection shall be submitted to the	Please clarify whether this First Article Inspection will be done at factory or not. If yes how many people will be visiting factory. Cost of traveling & other expenditure will be in customer's scope.	First Article Inspection and No. of Person will be finalised as per the Inspection Plan, Tender condition Prevails. Please ref 9.2.7.9
419	II	VII, Works Requirement - General Specification - Part-A	243	9.2.8	Before shipment all manufactured items or systems shall undergo FAT in accordance with the requirements of the PS.	Please clarify the no of persons will be visiting factory. Cost of traveling & other expenditure will be in customer's scope.	No. of Person will be finalised as per the Inspection Plan, Tender condition Prevails

420	II	VII, Works Requirement - General Specification - Part-A	247	9.4.7	9.4.7.1 Service Trial is defined as the final test of the fixed equipment, the rolling stock, and the operational procedures including the final elements of the Tests on Completion to demonstrate that the system in its entirety can operate satisfactorily. The Service Trial is performed by the Employer with attendance by the Contractor under the Contract in order to achieve Employer's Taking Over of the Works. During this phase, the system will be run to the published timetable but without fare-paying passengers. This phase also allows for Validation of the training procedures in a real time environment.	Rolling Stock is not in our scope.	The Clause is Part of general specification of NMRCL covering all type of equipment. In this case both lift and escalator are fixed equipment's who's service trial is being discussed
421	II	VII, Works Requirement - General Specification - Part-A	248	9.6.1	The Contractor shall submit to the Engineer for review not less than six (6) months before commissioning activities commence his proposed format for the commissioning records. The records shall be appropriately subdivided to make provision for the various parts of the Permanent Works covered by the Contract.	Please suggest suitable time. Commissioning formats will be provided to customer before materials delivered at site.	Tender clause prevails
422	II	VII, Works Requirement - General Specification - Part-A	250	9.7.5	All test software shall be subject to formal quality assurance requirements stipulated elsewhere in the Specification.	Software testing cannot be done at site	Ref to the clause again it is self-explanatory
423	II	VII, Work Requirement, Particular Specification Part-A Lifts	431	Appendix A	Provide data cable for control from station control room including requirements of BMS and NP-SCADA contractor.	Not in Bidder's scope	Tender Condition Prevails, however as an alternative bidder can provide a LAN socket in the control panel for data cable connectivity. The control panel should be accessible from BMS/ SCADA/ OCC on TCP IP Protocol

424	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	452	Appendix-F	Appendix-F Vendor Approval	Bidder request For sub-components / systems of Escalators, equipments from following vendors to be used in Escalators designed and supplied to NMRC.	NMRCL do not provide list of vendors or component etc. They are to be proposed by bidders only post award of contract. Proposal shall be approved by NMRCL as per Tender Conditions.
425	II	VII, Work Requirement, Particular Specification, Part-B, Escalator	603	Appendix-F	Vendor Approval	Bidder request For sub-components / systems of Escalators, equipments from following vendors to be used in Escalators designed and supplied to NMRC.	NMRCL do not provide list of vendors or component etc. They are to be proposed by bidders only. Proposal shall be approved by NMRCL as per Tender Conditions.
426	II	VII, Works Requirement - General Specification - Part-A	278	7.4.2	7.4.2 Cables 7.4.2.1 No joints or splices shall be permitted in cables or wires except at recognised termination points. 7.4.2.2 All multi-core cables shall allow 20% or 2 cores, whichever is the greater, as spares. 7.4.2.3 All cable cores shall be terminated including all spare conductors. 7.4.2.4 Each cable core shall be uniquely numbered and identified with a label giving details of the circuit carried. 7.4.2.5 Terminals carrying voltages exceeding 50 volts shall be uniquely identified and protected against accidental contact by persons, test equipment or other unintended physical contact. Similarly all bus bars shall be suitably identified and protected.	Not in Bidder's scope	Tender Condition Prevails

427	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	359	6.2.5 d	d) The Employer will assess the reasons for the equipment not being in service, accordingly the penalty will be imposed. The Employer decision is final. The measures for Availability for the Lifts shall be on call out ratio. Availability = {(365 X 20 hrs.) X No of lift population in section}- {Total Unavailability hrs. in one year} {(365 X 20 hrs.) X No of lift population in section} The Elevator shall achieve minimum availability of 99.9% calculated as above. For the purposes of availability calculations, the Contractor shall assume that the service operating hours are 20 hours per day (04:00 am to 00:00 hrs Mid Night), for 365 days a	Minimum Availability 98%	Tender Condition Prevails
428	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	377	6.18.8	As in the case of Power failure (including single phasing / unbalanced phase) Lift should operate in the Automatic Rescue Device (ARD) and BDT or Electronic Rescue Tool (ERT) mode. The software for providing this feature is subject to the Employer's acceptance.	ARD will be provided as per Bidder's available design. In case of power failure, the elevator will come to nearest floor & the doors will keep open.	we have no problem in accepting the available design of bidder subject to the condition that it meets our stated requirement in the clause
429	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	377	6.18.8		LobbyVision offers a wide range of functions. It allows building management personnel to graphically display the status of all groups, elevators, and escalators in the building. Many optional functions (e.g. VIP controls DF1/DF2, out-of-service, up peak, down peak, etc.) can be switched on and off via the keyboard by building management personnel (if this is requested by the customer). Additionally, LobbyVision is capable of displaying extensive statistical information about the demands on, and performance of, high range controllers.	any specification better than the tender condition is acceptable, however it should comply with our stated requirement in the tender clause

430	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	377	6.18.8		<p>The main functions incorporated in LobbyVision are listed below:</p> <ul style="list-style-type: none"> • On-line help: Context sensitive help about features, functions and dialog elements. • Login, logout: Allows a user to identify himself. • Access management: Allows users and their access privileges to be defined. • Building status overview: Overview of the status of all units (elevators, escalators, free inputs) in a building, arranged in group status boxes. • Vertical building overview: Pictorial overview of all units (elevators, escalators, free inputs) in a building (a dynamic graphical front elevation of the building). • Elevator group overview: Detailed display of all elevators of a group. 	<p>any specification better than the tender condition is acceptable, however it should comply with our stated requirement in the tender clause</p>
431	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	377	6.18.8		<ul style="list-style-type: none"> • Service switching for escalators: Possibility of switching escalator operation modes such as: <ul style="list-style-type: none"> a. Automatic operation b. Continuous operation c. Switch off. • Service switching for free output: Possibility of switching free output devices: <ul style="list-style-type: none"> On / off. • Periodic Function: Allows service options or modes (e.g. up / down peak) or LobbyVision functions (e.g. statistics printout) to be executed periodically (e.g. daily, weekly, monthly, once at a defined time). • Direct user commands: Hall calls or car calls from the keyboard. • Exception handling: Drawing 	<p>any specification better than the tender condition is acceptable, however it should comply with our stated requirement in the tender clause</p>

432	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	377	6.18.8		<ul style="list-style-type: none"> • Corrective action: Display of corrective actions for exceptional events. • Event recorder: Recording of events on file or print-out (with filtering and configuration possibilities for the customer). • Statistics package: The following statistics can be displayed: <ul style="list-style-type: none"> a. Group availability b. Car statistics c. Car call distribution d. Passengers arriving / leaving at each floor e. Waiting time distribution f. Mean waiting time g. Hall call density h. Management summary. • History recording: Records events in one day for later playback. 	any specification better than the tender condition is acceptable, however it should comply with our stated requirement in the tender clause
433	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	431	Appendi x-A	Provide all cabling within lift shaft.	Not in Bidder"s scope	Tender Condition Prevails
434	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	431	Appendi x-A	Minor civil works like cutting of Iron bar/ Granite Stone/ Concrete for mounting lift fixtures.	Minor Civil working works with respect to Elevator Installtion will be in Bidder's scope. Rest not in bidder's scope.	Tender Condition Prevails
435	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	431	Appendi x-A	Provide shaft lighting and power sockets from separate single-phase power duly controlled by a switch provided outside the shaft.	Not in Bidder"s scope	Tender Condition Prevails
436	II	VII, Work Require ment , Particul ar Specifica tion Part- A Lifts	431	Appendi x-A	Provide exterior finishes as per PS Clause 6.8.10 (a) ii.	Not in Bidder"s scope	Tender Condition Prevails

437	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	432	Appendi x-A	The gap between ELCB Panel & MAP panel and the Architrave sheet to be filled up by the elevator contractor with flexible sealant.	Not in Bidder"s scope	Tender Condition Prevails
438	II	VII, Work Require ment, Particul ar Specifica tion Part- A Lifts	433	Appendi x-A	Roof leakage checking/ coping stone/ slope of roof for Entrance/ Ground elevator.	Not in Bidder"s scope	Tender Condition Prevails
439	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	578	Appendi x-A	After erection Installation of Traffic Bollards, RMS cable Installation of LED based RMS Panel in CCC / SCR. Installation of escalator safety instructions in chrome plated stainless steel pipe frame both in Hindi and English language at both landings.	Please provide the distance from Escalatoar Location to CCC/SCR location.	RMS should be implemented by providing connectivity on a Digital LAN/WAN to BMS/SCADA system on TCP IP Protocol, the bidder is required to provide LAN Socket in it's control panel
440	III	VIII, Particul ar Conditio ns (PC)	726	18.3	INR 0.50 Million for any one incident, with no. of incidents unlimited	Please suggest suitable insurance.	Value given in Contract data may be followed.
441	III	VIII, Genearl Conditio ns (GC)	624	1.1	As between the Parties, the Contractor shall retain the copyright and other intellectual property rights in the Contractor's Documents and other design documents made by (or on behalf of) the Contractor. The Contractor shall be deemed (by signing the Contract) to give to the Employer a non-terminable transferable nonexclusive royalty-free licence to copy, use and communicate the Contractor's Documents, including making and using modifications of them. This licence shall: (a) apply throughout the actual or intended working life (whichever is longer) of the relevant parts of the Works, (b) entitle any person in proper possession of the relevant part of the Works to copy, use and communicate the Contractor's Documents for the purposes of completing, operating, maintaining, altering, adjusting,	Not Acceptable	Tender Condition Prevails

442	III	VIII, General Conditions (GC)	111	4.11	A notarized copy of Consortium Agreement relating to the composition of the Bidder shall be submitted, if the Bidder is a Consortium. Should the Bidder be an entity established or to be established to Bid for this Contract, details of the shareholders' agreement or proposed shareholders' agreement or proposed shareholders' agreement shall be supplied together with the percentage participation and percentage equity in the agreements.	Please confirm that this clause of ", details of the shareholders' agreement or proposed shareholders' agreement or proposed shareholders' agreement shall be supplied together with the percentage participation and percentage equity in the agreements. " is not applicable to Private entity and are sister concern of same parent company registered as per their applicable law.	Tender Condition Prevails
443	III	VIII, General Conditions (GC)	642	4.19	The Contractor shall, except as stated below, be responsible for the provision of all power, water and other services he may require for his construction activities and to the extent defined in the Specifications, for the tests. The Contractor shall be entitled to use for the purposes of the Works such supplies of electricity, water, gas and other services as may be available on the Site and of which details and prices are given in the Specification. The Contractor shall, at his risk and cost, provide any apparatus necessary for his use of these services and for measuring the quantities consumed. The quantities consumed and the amounts due (at these prices) for such services shall be agreed or determined by the Engineer in accordance with Sub-Clause 2.5 [Employer's Claims] and Sub-Clause 3.5 [Determinations]. The Contractor shall pay these amounts to the Employer.	Power & water to be given at free of cost to the bidder. Arrangement of Water & Power is not in bidder's scope.	Tender Condition Prevails
444	III	VIII, General Conditions (GC)	124	5	The Contractor shall ensure that the Performance Security is valid and enforceable until the Contractor has executed and completed the Works and remedied any defects during DLP/AMC. If the terms of the Performance Security specify its expiry date, and the Contractor has not become entitled to receive the Performance Certificate by the date 28 days prior to the expiry date, the Contractor shall extend the validity of the Performance Security until the Works have been completed and any defects have been remedied.	Bidder proposes that Performance Security shall be extended only to the extent of the amount of unfinished / delayed portion of the work and not the entire value of BG submitted shall be extended.	tender Condition Prevails
445	I	IV, Bidding Form	132	6	Form of Bid Security - " This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758. "	Bid Security to be limited to maximum amount and maximum time which is to be mentioned at the end of clause and to replace "This guarantee is subject to the Uniform Rules for Demand Guarantees (URDG) 2010 Revision, ICC Publication No. 758. "	Tender Condition Prevails

446	III	VIII, General Conditions	650	6.14	6.14 Supply of Water The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.	Water to be given free of cost .Arrangement of Water is in customer's scope.	Tender Condition Prevails
447	II	VII, Work Requirement, Particular Condition	388	6.30	All control and power cable shall be rated for minimum grade of 650V and all power cables for minimum grade of 1100V.	All control cables are rated with grade of 300V and all power cables are rated with grade of 500V or 750V.	Not Acceptable, Tender Condition Prevails
448	II	VII, Work Requirement, Particular Condition	389	6.32	Ride comform parameters Acceleration = 0.5m/s ²	1. 10-15mg 2. Not Ok. Acceleration= 0.6-1 m/s ² 3. Jerk < 1.2 m/s ³ . Ok 4. 15mg	Please refer to the Note below clause 6.32
449	II	VII, Work Requirement, Particular Condition	390	6.33	Simulator	Simulator as mentioned in tender is not available with all internal, external and shaft component.	Only not all internal and external parts have to be simulated mechanically. Only the components mentioned in tender document should be simulated.
450	II	VII, General Requirement	336	Appendix-8	Provisions by others		Tender Condition Prevails
451	I	IV, Bidding Form	142	Form 9	In the event the Board resolution is from a company incorporated outside India, the same needs to be notarized by a notary in the home country of company passing the resolution and legalized by the Indian Embassy there. However, in case such company is from a country which has signed The Hague Legislation Convention 1961, then the Board Resolution is not required to be legalized by the Indian Embassy if it carries a conforming Appostille certificate.	Request if this requirement of notarization and registration be done in case this tender is awarded to bidder.	tender Condition Prevails

452	II	VII, Work Require ment, Particul ar specifica tion	560	18.3	Portable laptop / Notebook with latest hardware configuration (as approved by the Engineer), one for each section / Reach shall be provided to allow rapid verification of satisfactory operation of system, assist in trouble shooting and isolating sub-system failures. Use of Portable laptop computer shall not require any mechanical or electrical disconnection to or within the sub-system under tests. Four sets of portable lap top computer for the entire contract specified at clauses 18.3.2 shall be provided by the Contractor.	Not in Bidder's scope	tender Condition Prevails
453	II	VII, Work Require ment, Particul ar specifica tion	422	19.1	Portable Laptop Computer with latest hardware configuration (subject to notice of no objection by the "Engineer/Engineer's Representative"), two for each corridor and one for OCC shall be provided to allow rapid verification of satisfactory operation of system, assist in trouble shooting and isolating sub-system failures. Use of Portable laptop computer shall not require any mechanical or electrical disconnection to or within the sub-system under tests. Two set each of laptop computer for the entire contracts specified at clauses shall be provided by the Contractor. The detailed specifications for Laptop or palmtop to be got approved from the "Engineer".	Not in Bidder's scope	Tender Condition Prevails
454	III	VIII, General Conditions (GC)	702	19.6	If the execution of substantially all the Works in progress is prevented for a continuous period of 84 days by reason of Force Majeure of which notice has been given under Sub-Clause 19.2 [Notice of Force Majeure], or for multiple periods which total more than 140 days due to the same notified Force Majeure,	Bidder proposes to delete "Continuous " as it defeats the purpose of exit in Force Majeure.	Tender Condition Prevails
455	I	I, Instructi on to Bidder	22	19.8	The bid security or a Bid-Securing Declaration of a JV shall be in the name of the JV that submits the bid. If the JV has not been legally constituted into a legally enforceable JV at the time of bidding, the bid security or the Bid-Securing Declaration shall be in the names of all future members.	Please clarify whether bid Security can be given only by Lead Member along with declaration from Future JV Members.	Please ref clause No. ITB-19.8 of BDS
456	II	VII, Work Require ment, General Specifica tion	306	20.3	Air Quality	we do not carry out any activity which creates air pollutions	Tender Condition Prevails

457	III	IX, Particular Condition of Contract	773	70	The Conciliation shall be undertaken by one Conciliator selected from a panel of Conciliators maintained by the Employer.	Please note the panel for Dispute resolution so appointed to be mutually agreed between the parties prior to appointment and cannot be in anyway associated with NMRCL.	Tender Condition Prevails
458	III	IX, Particular Condition of Contract	742	20	the Contractor shall grant to the Employer, his successors and assignees a royalty-free, non-exclusive and irrevocable licence (carrying the right to grant sub-licences) to use and reproduce any of the works, designs or inventions incorporated and referred to in such Plant, documents or Materials and any such know-how and information for all purposes relating to the Works (including without limitation the design, manufacture, installation, construction, Testing, commissioning, completion, reinstatement, extension, repair and operation of the Works). If any patent, registered design or software is developed by the Contractor specifically for the Works, the title thereto shall vest in the Employer and the Contractor shall grant to the Employer a nonexclusive irrevocable and royalty-free licence (carrying the right to grant sub-license) to use, repair, copy, modify,	Bidder submits that all clauses relating to IPR and Transfer of technology to be read subject to : All intellectual property rights in the equipment's including the control software which enables routine operation, maintenance and repair of the equipment ("Control Software") remain the property of Contractor. The Customer is entitled to a non-exclusive right to use the Control Software and to operate the Equipment for its own purposes, but the Customer shall have no other right or interest in the Control Software, especially as regards to the right to reproduce, reverse engineer or deal in the Control Software. The right to use the same can only be agreed to be given	Tender Condition Prevails
459	III	IX, Particular Condition of Contract	745	26	Testing	Bidder proposes that all testing will be as per Bidder's SIAS Test and any other testing will be at the cost of Customer only. In case Inspection or Testing of the Equipments are to be done at Bidders factory, all the cost and expense, including those for traveling, boarding etc for the Customers personnel shall be borne by the Customer. Samples shall be limited with respect to Finishes and Small items like LOP etc. Inspection/testing and approvals for all materials in the Equipment shall not be practically possible. All tests can be done only upon receipt of written notice of 7 days by the Customer mentioning its intention to conduct the test	tender Condition Prevails
460	III	IX, Particular Condition of Contract	749	34	The Contractor shall not be entitled to extra cost (if any), incurred by him, during the period of suspension of Work, if such suspension is a. provided for in the Contract, or b. necessary for proper execution of Woks or by reasons of weather condition or by some default on the part of the Contractor, or	Bidder proposes that in case of suspension of services for reasons other than those solely attributable to Bidder, 5% of total Contract Value per elevator / escalator will be charged additional over the Contract Value by the Bidder	tender Condition Prevails

461	III	VIII, General Conditions (GC)	737 738 768 769	11e, 13 17.2, 57 59	<p>The risk of injury or damage to property adjacent to the Site and to the occupiers of such property or any other risk.</p> <p>The Contractor shall indemnify the Employer in respect of all claims, demands, proceedings, damages, costs, charges and expenses whatsoever arising out of or in relation to any such matters.</p>	<p>Bidder proposes that no exclusion to limitation of liability can be agreed upon and all obligations to be read subject to</p> <p>" Notwithstanding anything contained herein or elsewhere, neither party shall be liable to the other party for loss of use of any Works, loss of profit, loss of any Contract or any other indirect or consequential loss or damage which may be suffered by the other party in connection with the Contract. The total liability of the Contractor to the Employer under the Contract shall not exceed the Contract Price received by Contractor.</p> <p>Also please note that Contractor shall cease to be responsible for the care of that Section or part from the date of issue of such Taking Over Certificate when responsibility shall pass to the</p>	tender Condition Prevails
462	III	IX, Particular Conditions of Contract	764	50	<p>Publishing source of commercial interest rates for financial charges in case of delayed payment If the Contractor does not receive payment/certificate for acceptance of payment in accordance with GC and PC Clause 14.7 above, the Contractor shall be entitled to receive interest on the amount unpaid during the period of delay. This period of delay shall be deemed to commence from the first working day after 56 calendar days from the date of issue of the Interim Payment Certificate.</p> <p>The interest shall be calculated at an interest rate equal to State Bank of India prime lending rate.</p>	<p>Bidder shall be entitled to charge interest @ 18% per annum on all overdue invoices / down-payment requests lying unpaid for more than 15 days from its date</p>	tender Condition Prevails
463	III	IX, Particular Conditions of Contract	752	39	<p>Contractor shall ensure restoration/rectification/replacement, within reasonable time, to the satisfaction of Engineer. The Engineer in case of the delay as deems fit shall be empowered to carry out the maintenance at the risk and cost of the Contractor.</p> <p>Carry out the work himself for by others, in a reasonable manner and at the Contractor's risk and cost, but the Contractor shall have no responsibility for such work: the costs incurred by the Employer in remedying the defect or damage shall be recoverable from the Contractor by the Employer... and Sub-Clause 13 shall not apply.</p>	<p>Bidder proposes that upon nonperformance/ breach Bidder shall be provided with 30 days' notice in writing to cure the breach within 15 days of receipt of the notice failing which Risk purchase to be invoked and such amount to be limited to contract value for defective unit or repaired unit, as the case may be.</p>	Tender Condition Prevails

464	III	IX, Particular Condition of Contract	726	49	a. evidence of insurance.: 14 days from Commencement Date b. relevant policies :28 days from Commencement Date	Bidders request to Change as per following a. evidence of insurance.: 28 days from Commencement Date b. relevant policies : 40 days from Commencement Date	Tender Condition Prevails
465	II	VII, Work Requirement, General Specification (GC)	289	18.6.3.5	The Employer's auditors shall be used for the follow up audit(s) and the Contractor shall be liable for the full costs incurred of all additional follow up audits.	We have our internal Audit process. However, if customer want his Auditors for followup audit, cost has to be taken from customer and same needs to be budgeted. OR you need to take a cost/audit waiver.	This refers to cost of additional (over the mandatory) safety audit to be done in case of contractor receiving unacceptable grade during normal audit, Tender Condition Prevails
466	II	VII, Work Requirement, General Specification (GC)	292	18.7.2	18.7.2.1 The Contractor shall provide, or have access to, sufficient first aid provisions, including trained personnel and facilities appropriate to the Site conditions as elaborated in Appendix 8.Arrangements for transporting the injured (ambulance, stretcher, etc.) shall be provided	Yes, we keep first aid kit & trained first aider at site. To be budgeted Rs- 5000/- .Trasportation arrangements not required as less number of employees working.	arrangement for transportation of injured shall be ensured, Tender Condition Prevails
467	II	VII, Work Requirement, General Specification (GC)	292	18.7.2.2	A Nurse or trained First-Aider is required at all times at the Site of working.	1. Take waiver for Nurse. 2. Arrange Trained first aider at site. To be budgeted Rs-2000/-	The bidder should be able to arrange a nurse or any other trained first aider at the time of incidence of any injury. Please ref to addendum/ corrigendum
468	II	VII, Work Requirement, General Specification (GC)	293	18.7.5.1	The Contractor shall obtain the requisite licenses for the manufacture, storage, handling and use of all dangerous goods.	NA, we do not use ,carry & store dangerous good	Tender Condition Prevails
469	II	VII, Work Requirement, General Specification (GC)	294	18.7.5.2	The Contractor shall ensure that all explosives, compressed gases, petrol and other dangerous substances, shall be stored and handled in accordance with the relevant legislation	NA,we do not use explosive compressed gages, pertol & dangerous substances	Tender Condition Prevails
470	I	IV, Bidding Form	81	1A	1A. Pro-Forma Letter of Participation from Each Partner of Joint Venture (JV) *I/We, further agree that entire execution of the contract shall be carried out exclusively through the lead partner.	Whether Lead Member can delegate the power of signing all document to entity in India and that would be authorized to act on our behalf for the purpose of submission of Bid for the consortium <input type="checkbox"/>	Tender Condition Prevails

471	II	VII, Work Require ment, General Specifica tion (GC)	311	20.6.6	The Contractor shall ensure that oily waste including oil soaked rags/cotton is disposed off to agency authorised to dispose such waste. The Contractor shall sell discarded batteries to the authorised recycler of such items.	All scrap material will be handed over to customer.	Tender Condition Prevails
472	III	IX, Particul ar Conditio n of Contract	722	22	The performance security will be in the form of a Bank guarantee in the amount(s) of 10% (ten percent) of the Accepted Contract Amount and in the same currency (ies) of the Accepted Contract Amount.	Bidder proposes 10% Performance Security to be splited for Supply as well as Installation contract value in respective contract to be given by Supplier and Installation Contractor . This Security to be given lot wise with prorata reduction	tender Condition Prevails
473	III	IX, Particul ar Conditio n of Contract	723	28, 29 41,42,	The Commencement Date shall be: Date given in LOA or Employer's Notice to Proceed Except as otherwise provided in the Particular Conditions of Contract, the Commencement Date shall be the date indicated in the Letter of Acceptance issued after obtaining NOC from funding agency.(if funded by KfW/ AFD)	Bidder proposes that the Commencement Date shall be: Date given in LOA or Employer's Notice to Proceed, however, the same shall be subject to site readiness and receipt of advance. Any variation in prices for reasons not attributable to Bidder or variation in scope of work, both cost and timeline shall be mutually renegotaited.	tender Condition Prevails
474	III	IX, Particul ar Conditio n of Contract	723	30,31,32	Delay damages for the Works :Delay damages is applicable as specified corresponding to the key dates in the table given below Maximum amount of delay damages: 10 % of the final Contract Price.	Bidder proposes thatv Liquidated damages to be calculated @ 0.5% of the contract value of delayed unit for per one week delay with an upper limit of 5 % of the contract value for delayed unit is the sole and exclusive remedy for delay available with customer	tender Condition Prevails
475	III	IX, Particul ar Conditio n of Contract	670 724	13.1, 37, 53	Additional work, plant, material or services not related to the Permanent Works shall not be entitled to a Variation. No change The following taxes, duties and fees exemptions apply to the Contract: Refer PC Part B - Clause No. 53 If requested by the Engineer, the breakdown of all unit prices shall also be submitted by the Contractor within 28 days from the Commencement Date. Refer PC Part B - Clause No. 53 Adjustments for Changes in Legislation Should the Employer, during execution of the contract, obtain a waiver for State VAT /VAT/Central sales tax, if applicable, in full or part thereof, the Contractor will be advised on the process to be followed to obtain exemption /refund of such taxes, duties etc., from the concerned Authorities.	Bidder proposes that Prices are fixed till price validity date beyond which Prices and delivery dates will be renegotiated. Prices as quoted is inclusive of taxes, however, any variation in taxes or introduction of new taxes including GST shall be in Customer's scope solely. All responsibility for availing tax exemption will be of customer and Bidder will render support for the same. No recovery is acceptable.	tender Condition Prevails

476	III	IX, Particular Condition of Contract	724	38	<p>An interest free Advance payment of 10% (Ten Percentage) of the Accepted Contract Amount payable in two installments - 5% (Five percent) in first installment and 5% (Five percent) in second installment - in the currencies and proportions in which the Accepted Contract Amount is payable.</p> <p>The first installment shall be paid after the award of Letter of Acceptance, submission of the Performance Security, undertaking and Guarantees, advance Payment Bank Guarantee @110% of required advance amount issued from scheduled commercial bank of Indian or Foreign origin having business office in India and signing of the Contract Agreement.</p> <p>The second installment shall be paid after satisfactory utilization of the first installment. The Contractor shall be required to submit the 'Utilization Certificate' for all Advances received</p>	<p>Request Customer that ABG shall be given against advance and the advance paid shall be non recoverable and valid till Material supplied at site. Further ABG shall be limited to 100% of the Advance Amount received and not more than that. The following cannot be accepted upon "The first installment shall be paid after the award of Letter of Acceptance, submission of the Performance Security, undertaking and Guarantees, advance Payment Bank Guarantee @110% of required advance amount issued from scheduled commercial bank of Indian or Foreign origin having business office in India and signing of the Contract Agreement. Also delete reference of recovery to be made from interim payment. <u>Please delete Interest in case of delay in</u></p>	tender Condition Prevails
477	III	IX, Particular Condition of Contract	730	4, 37	<p>The Works shall not be considered to be completed for the purposes of Taking Over under Clause 10 until such Operation and Maintenance Manuals have been submitted to the Engineer and received his consent.</p>	<p>Bidder proposes that Neither the Customer nor any third party shall be entitled to use the elevator / escalator for any purpose whatsoever prior to: i) the formal written handover letter by Bidder to the Client</p>	Tender Condition Prevails
478	I	I, Instruction to Bidder	12 17 34	4.1 11.2 ITB 4.9	<p>A Bidder may be a firm that is a private entity, a government-owned entity subject to ITB 4.3 or any combination of such entities in the form of a joint venture (JV) under an existing agreement or with the intent to enter into such an agreement supported by a letter of intent.</p>	<p>Please provide format Letter of Agreement or the purpose of this clause.</p> <p>Please clarify as to whether PROPOSED Agreement as well as Letter of Intent to be submitted with the package.</p> <p>The format of the Consortium Agreement is provided in Section IV: Bidding Form (Form 8)</p>	Please ref Clause No. 5.1 Form ELI 1.1
479	III	IX, Particular Condition of Contract	739	15, 4.19	<p>The following is added to the existing clause: The Contractor shall make his own arrangement of electricity, Water and gas or any other source of energy required at his own cost and arrangement/sources. NMRCL shall not make available such facilities for the contractor</p>	<p>Electricity, Water & Gas to be provided by NMRCL/Other at free of cost.</p>	Tender Condition Prevails
480	III	IX, Particular Condition of Contract	739	17, 4.22	<p>c. provide and maintain all lights, guards, fences and warning signs and watchmen when and where necessary or required by the Engineer or by laws or by any relevant authority for the protection of the Works and for the safety and convenience of the public and all persons on or in the vicinity of the Site.</p>	<p>Security guard can be provided. Rest all not in Bidder's scope.</p>	Tender Condition Prevails

481	III	IX, Particular Condition of Contract	725	40,41,51	The aggregate amount of the Performance Security and the Retention Money shall not exceed 10% (ten percent) of the Accepted Contract Amount	Bidder proposes that No retention can be agreed upon. Bidder may propose 5% RBG on completion valid for DLP of 24 months.	tender Condition Prevails
482	III	IX, Particular Condition of Contract	759	46	The Contract Price shall be paid in the currency(ies) named in the Contract i.e., INR (Indian National Rupees)	Payment to be made separately for Supply and Installation value to respective entity of Consortium in the currency rate applicable on the date of making such payment for the amount quoted in the tender. i.e. a) For inputs to the Works, which are expected to be supplied from within India, in Indian Rupees. b) For those inputs to the Works, which are expected to be supplied from outside India, in foreign currencies.	Tender Condition Prevails (to be decided)
483	III	IX, Particular Condition of Contract	726	48-50, 60,61	Insurance	Parties to agree on the Insurance to be taken applicable to Contractor's scope of work before signing of the contract	Tender Condition Prevails
484	III	IX, Particular Condition of Contract	726	51	Termination, Payment and Release	Bidder proposes that Before terminating the Contract, Bidder shall be provided with a written notice of 15 days to remedy the breach within 15 days of receipt of the same. Upon termination for breach in services by Bidder, the Client shall be liable to pay, an amount mutually agreed between the parties on the basis of (i) materials reasonably ordered/mobilized or initiated by Bidder for the Project and/or (ii) the Services commenced or delivered.	Tender Condition Prevails

485	III	IX, Particular Condition of Contract	732 746	6, 28	In the event that the Contractor shall comprise two or more members, corporations acting in partnership, joint venture, consortium or otherwise each such member or corporation shall submit a parent company Undertaking and Guarantee.submission by the Contractor of the requisite Performance security, parent company Undertakings and written Guarantees shall be condition precedent to the Contractor's entitlement to any payment, under the Contract; The plant, goods and material not finally taken over as per GC Clause 10 but payment against which have been made in part or full against Indemnity Bond / Safety Custody Bank Guarantee will remain under the Contractor's custody.	As the format of Parent Company Undertaking and Guarantee is specifically DELETED , we understand the requirement of Parent Company Undertaking and Guarantee is waived off in the tender and also we have strong presence in India for more than 15 years and also across the globe . Also, request you to waive off the requirement of Safe Custody Bank Guarantee in lieu of which Indemnity Bond can be provided.	tender Condition Prevails
486	III	IX, Particular Condition of Contract	720 752	6, 39	24 months from the date of Commercial Operations Date (COD). During the Defects Liability Period the Contractor shall rectify/ replace the defective works without claiming any cost for the defective works fulfill his obligations during the Defects Liability Period as laid down in GC and Works Requirements. A penalty of Rs.10000/- per day in DLP/AMC period will be imposed if Defect/complaint/ faculty EMP is not attended within 24 hrs from the time and date of notice.	We propose that start of Defect liability period of 24 months to be splitted in group as per agreed Schedule completion for handover and not the Commercial Operations Date. Units to be splitted in group as per agreed Schedule completion for taking over followed by commencement of DLP. Please delete all reference of penalty, as no penalty can be agreed upon and all penalty to be within the maximum limit of 5% of respective contract value.. All SLA for DLP / AMC to be mutually agreed between the parties at the time of finalisation.	tender Condition Prevails
487	II	VII, Work Requirement, Particular Specification, Part-A, Lifts	371	6.11.2 (h)	Each COP button shall be of Jumbo type (50 X 50 mm)micro push suitable for heavy duty and vandal proof type.	Vandal proof type not available.	Tender Condition Prevails
488	II	VII, Work Requirement, Particular Specification, Part-A, Lifts	372	6.11.3 (b,c)	(b)Fully Automatic with attendant operation. (c)Automatic with Attendant operation.	In Attendant mode elevator operation is fully under attendant person. The operation elevator is automatic without attendant mode of operation.	Tender Condition Prevails

489	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	372	6.12.1	Big size car position indicator shall not be part of Car operating panel inside car or call buttons.	Car position indicator are part of Car operating panel.	Agreed, Kindly Ref addendum/ Corrigendum
490	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	374	6.16.2	The Hall call button shall be micro push type, suitable for heavy duty and vandal proof type.	Vandal proof type not available.	Tender Condition Prevails
491	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	375	6.17.2	Next landing	Passenger has to give car call for the next nearest floor, if particular landing door is fail to open.	Tender Condition Prevails
492	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	376	6.18.2	Water sensor	Only Interface will be provided.	Tender Condition Prevails
493	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	378	6.19.1	The size and shape of the main control cubical shall be same as that of maintenance access panel(MAP)	Please explain functionality and application requirement of MAP.	Clause is self-explanatory
494	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	379	6.19.11	IP 55 protected Hoist way and car top safety switches.	Emergency limit switch (IP 65), Safety switch of speed governor (IP 67), Safety switch for SALSIS(IP 67), Buffer contact (IP 67) are available.	IP 55 is minimum specified.

495	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	379	6.19.12	The Insuation of all wiring those within the controller shall be FRLS.	Insuation of wiring those within the controller will be HLF (Halozen Free)	Halogen Free Cable that are Fire resistance and Low smoke are acceptable.
496	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	379	6.19.15	The cable box and wiring for the car light and the alarm bell shall be entirely independent of lift control wiring	Wiring for the car light and the alarm bell are part of lift control wiring.	They may be part of Lift control wiring but should be grouped separately for reliability during faulty situation.
497	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	378	6.19.2	Power supply armoured cables up to lift's main control cubicle and routing done upto the entry point in the elevator's shaft shall be supplied by the designated electrical contractors. Main switch /MCB box with ELCB etc should be as per employer approved vendors.	Need length of cable based on the actual routing on site and to detmine cross section of the cable.Please specify vendor list if any for suplying Main switch /MCB box with ELCB at main incomer supply.	Please Ref Tender Drawings. Vendor list for Main Switch/MCB Box with ELCB will be provided.
498	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	378	6.19.7	MAP shall have data downloading facilities for fault diagnostics through RS-485 port and USB port.	USB port is not available for data downloading facilities for fault diagnostics. Rs-235 Port is vailable or data downloading facilities	Tender Condition Prevails
499	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	362	6.2.14 (I, ii)	(i)Software enables doors to open in all types of faulty situation. (ii) Suitable provision shall be made in hardware/software so that there should not be loss of any data due to power failure or any type of power disturbance	(i).Door remain closed in case of any faluty situation or safety chain brakage. (ii)Elavator will not perofrm learn run on arrival of power.But registered car and landing call data will be lost.	Tender Condition Prevails
500	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	359	6.2.5	Required Availabilty is 99.9%	Bidder Request you to reduce Availibilty @ 98%	Tender Condition Prevails

501	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	381	6.21.2	1.After ARD operation lift shall be brought to the designated floor and shall park there with the door remaining open. 2.Elevator desiganted by the authorized pereson may resume operation depending on the Capacity of emergency power.	1.After completion of ARD operation and evacuting passenger to nearest landing, the lift door will remaine close. 2.On the arrival of power, lift will go into opeation automatically, no manual intervension required.	Tender Condition Prevails
502	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	381	6.21.3	In the event of fire when any fire detection device is activated, all lift shall automatically be brought to the designated floor and shall park there with the door open for 15-20 seconds and then close.	In the event of fire when any fire detection device is activated, all lift shall automatically be brought to the designated floor and shall park there with the door open and remain open only and it will not close.	Tender Condition Prevails
503	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	384	6.26.4	Fault diagnosis procedure and circuit diagram / Block diagram, details information, software and techical data shall be provided to assist in trouble shooting for breakdown during normal operation and maintenance	Only electrical schematic will be provided.	Tender Condition Prevails
504	II	VII, Work Require ment, Particul ar Specifica tion, Part-B, Escalato r	386	6.28.3 d)	Tolerance on glass	NA (We have +0/-2)	Tighter tolerance is acceptable.
505	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	363	6.3.2	(a) Required specification for Motor, Motor type : Axial, Efficiency : Not less than 85%,	Available specification for Motor, Motor type : Radial, Efficiency : As below. With roller Guide shoe 82% With sliding Guide shoe 78%,	Tender Condition Prevails
506	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	363	6.3.3 (f, g)	Brake : Mannual emergency (Handle operated, mannual lever) brake release device	Not applicable with MRL jobs. Manual Inching Device will be provided.	Tender Condition Prevails

507	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	389	6.31.4	Noise level asked 55 db	Noise level is 60 db (+/- 3)	Tender Condition Prevails
508	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	368	6.8.10	Scratch resistant steel for car and ldg. Door	Linnen finish will be provided.	Tender Condition Prevails
509	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	366	6.8.3	Solid car panels 1.5mm thk.	1.2mm thk. Panel will be provided.	Tender Condition Prevails
510	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	367	6.8.4(a)	The car platform shall be constructed from cold rolled steel (spray galvanized) with still flooring	we have Hot dip galvanized instead of spray galvanized.	This is acceptable alternative if Cold rolled Sheet is used.
511	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	367	6.8.7(b)	A low speed fan of low noise shall be used.The noise level of fan used for ventilation shall not exceed 50 db (+5%) at a distance of 1 meter away from the fan inside the elevator car.	Noise level is 60 db (+/- 3)	Tender Condition Prevails
512	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	369	6.9.1	SS landing sill? Required to be machined from solid block	SS sill can be given but it won't be machined. It is formed profile	Tender Condition Prevails

513	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	370	6.9.3	1.Without Attendant mode, If no command is registred or some abnormality of lift safety circuit , after the expiry of preset time interval of 10 30 seconds the door shall reopen once for 30 second and close.2.If the car door is forced open, the lift shall stop and the alarm activated untill the door is fully closed. 3.Audio/Visual alram signal shall be sent to relevant landings as well as to SCR and CC rooms.	1.Door will remain closed, when no call registered or under any faluty condition. 2.alarm signal, when car door is forcefully opoend is not available in automated door operation.The elevator will not move or function when door is not completely closed.	Tender Condition Prevails
514	II	VII, Work Require ment, Particul ar Specifica tion, Part-A, Lifts	370	6.9.4.1 / 6.17.4	Mechanical door safety edge / Safety door edge.	Photo sesnsor and 3D sensor will serve the puropse. Also we have force limiter as inbuild feature	Tender Condition Prevails
515	III	IX, Particul ar Conditio n of Contract	746	28 7.7	The plant, goods and material not finally taken over as per GC Clause 10 but payment against which have been made in part or full against Indemnity Bond / Safety Custody Bank Guarantee will remain under the Contractor's custody. The Contractor shall be responsible for its safety and will bear all the risks till taken over by the Employer.	Equipment will handed over to Customer immediately after the completion of the work. Bidder request you to remove safe Custody Bank Guarantee.	Tender Condition Prevails
516	II	VII, Work Require ment, Genearl Specifica tion	336	Appendi x-8	The Contractor shall be responsible for making his employees aware of the location and access route to the nearest first aid base and if necessary shall provide facilities for evacuating a workman by stretcher from the worksite.	Tie-up with local hospital/site agency for stretcher.	Tender Condition Prevails
517	III	IX, Particul ar Conditio n of Contract	932	Annexur e-IX-A	SITE OFFICE & OFFICE EQUIPMENTS Contractor shall provide furnished site office, as per the drawing and specifications, for the use of Site Engineer and his supporting staff; at least at one locations; as per Specifications. Total Built up area min 125Sqm	Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum

518	III	IX, Particular Condition of Contract	932	Annexure-IX-A	(a) Fully furnished 1nos of, Air Conditioned Office of built up area not less than 125Sqm each with all infrastructure, Power Supply, Parking, furniture, office equipment i.e. Desktops, Telephone, FAX, all indoor & outdoor safety equipment /gadgets etc. attached with a Pantry, as per requirement & direction of NMRCL /Engineer. Tentative requirements of Office Furniture & equipment is enclosed below, but it is not exhaustive and Engineer may alter the requirement up to reasonable extent as and when required time to time.	Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum
519	III	IX, Particular Condition of Contract	932	Annexure-IX-A	(b) The office equipment, furniture, safety equipment /gadgets should be new.	Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum
520	III	IX, Particular Condition of Contract	932	Annexure-IX-A	(c) The successful bidder has to provide following to NMRCL or its designated Engineer for the proper Management & supervision of construction work: - One nos of AC SUV i.e Innova / Xylo and Two no of AC Jeep i.e. Bolero / Scorpio with driver for 24 hours. The maximum running of each vehicle shall be 4000 Km/ Per Month. The maintenance expenses, wages of drivers, insurance, POL, Toll, Parking & other running expenses of these vehicles shall be borne by successful bidder.	Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum
521	III	IX, Particular Condition of Contract	932	Annexure-IX-A	(d) The vehicle should be registered in Nagpur as a Taxi not earlier than 01.09.2015 Minimum requirements for Each Office	Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum
522	III	IX, Particular Condition of Contract	932	Annexure-IX-A		Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum
523	III	IX, Particular Condition of Contract	932	Annexure-IX-A		Not in Bidder"s scope	Kindly ref Addendum/ Corrigendum

524	III	IX, Particular Condition of Contract	934 939	Annexure-IX-B	PARTICULAR SPECIFICATION - IGBC NORMS	Not in Bidder"s scope	This is not relevant to lift & escalator contractor
525	III	IX, Particular Condition of Contract	940 944	Annexure-IX-C	5 D BIM Digital Project Management Platform Requirements	Not in Bidder"s scope	Tender Condition Prevails
526	I	IV, Bidding Form	94	4.4 E	Proposal for Transfer of Technology- The Bidder shall identify items, which he proposes to import, and what methodology will be adopted by the Bidder for transfer of technology to ensure availability of spares and services for service life of the equipment. (Refer Form 20 of Section IV. Bidding Forms)	Need clarity on Transfer of technology and this clause to be read subject to "All intellectual property rights in the equipment's including the control software which enables routine operation, maintenance and repair of the equipment ("Control Software") remain the property of Bidder Group. The Customer is entitled to a non-exclusive right to use the Control Software and to operate the Equipment for its own purposes, but the Customer shall have no other right or interest in the Control Software, especially as regards to the right to reproduce, reverse engineer or deal in the Control Software."	our understanding is same
527	I	II, Bid Data Sheet	40	ITB 10.1	Supporting documents related to Work Experience, Financial & Technical eligibility criteria enclosed with the bid, other than English language should accompany a translated copy by a certified translator in English and will have to be endorsed/attested by Indian embassy or any authorized / recognized agency of India Embassy, where the supporting documents is being issued. The contact address & identification of certified translator must be mentioned at the end of the translated copy of the document.	Bidder request to waive off the requirement of Supporting documents related to Work Experience, Financial & Technical eligibility criteria enclosed with the bid, other than English language to be endorsed/attested by Indian embassy or any authorized / recognized agency of India Embassy, where the supporting documents is being issued. However, they will be translated copy by a certified translator in English .	Tender Condition Prevails

528	I	II, Bid Data Sheet	43 43	ITB 14.5 ITB 14.7	<p>Price adjustment / variation during the contract period shall not be applicable.</p> <p>The price quoted by bidders deemed to be inclusive of all kinds of duties, taxes, and other levies payable as per prevailing legislations, act of Govt. of India, 28 days (Base Date) prior to submission of bid</p>	<p>Prices are valid till the price validity date which can be the scheduled completion date of the Tender at the time of submission and Any increase in the present taxation structure or introduction of additional taxes by the State / Central (including but not limited to excise duty) / Local Authorities will be borne by the Customer. If any levy, taxes, duties, or octroi/local body tax, applicable at the time of accepting this work order is revised, reviewed, renamed, modified in any manner whatsoever till the time of execution and completion of work order, then the increase will be exclusively borne by the Customer.</p>	Tender Condition Prevails
529	I	II, Bid Data Sheet	33	ITB 4.1	<p>Maximum number of members in the JV shall be: 2 (Two) Lead member should not have less than 51% participation and other members shall have minimum 20% participation in the proposed JV / Consortium for this work. In case of JV / Consortium, change in constitution or percentage participation of JV/Consortium shall not be permitted at any stage after their submission of Bid and thereafter.</p>	<p>We understand that the percentages mentioned in MOU or letter of intent does not in any way, imply the sharing of profits or losses in the said ratio or the scope of work. The said percentages are merely indicative of the efforts and time that is expected to be spent by the two parties on the relevant project.</p>	Your understanding is correct.
530	I	II, Bid Data Sheet	33	ITB 4.1	<p>The authorized representative from lead member only shall be signatory of the bid. (Ref. Form-9. Section-IV of Part-1)</p>	<p>Please clarify as to whether all pages to be signed by Lead Member supported by Power of Attorney AND Board Resolution in favour of Lead member or specific formats which requires signature of both parties the both parties to sign,</p>	Clause is self Explanatory
531	I	II, Bid Data Sheet	34	ITB 4.11	<p>In case of Consortium, such power of attorney and board resolution must be executed and passed respectively by the Lead Member.</p>	<p>Need clarity on this requirement as Power of Attorney and Board resolution to be passed by each party.</p>	Clause is self Explanatory

532	I	II, Bid Data Sheet	34	ITB 4.12	For a Power of Attorney executed and issued overseas, the document will also have to be endorsed by the Indian Embassy or registered with appropriate statutory authority in the jurisdiction & as per that law of the country, where the Power of Attorney is being issued. However, the Power of Attorney provided by a Bidder from a country which has signed the Hague Legislation Convention 1961 is not required to be endorsed by the Indian Embassy if it carries a conforming Apostille certificate. This power of attorney should be registered at appropriate authority in the jurisdiction & as per that law of the country, where the Power of Attorney is being issued and easily verifiable.	Bidder request if the Power of Attorney can be endorsed by the Indian Embassy or registered with appropriate statutory authority on Award of Contract and undertaking to the effect can be given.	Tender Condition Prevails
533	I	II, Bid Data Sheet	35	ITB 4.13	(a) A Joint Venture / Consortium Agreement shall be provided duly notarized by the notary public or registered with the appropriate authority of country of origin and should be stamped by Embassy / High Commission of India. Bidders from Member Countries of Hague convention may submit all these documents with Apostille stamp instead of Embassy.	Bidder request if the Joint Venture / Consortium Agreement shall be provided duly notarized by the notary public or registered with the appropriate authority of country of origin and should be stamped by Embassy / High Commission of India on Award of Contract and undertaking to the effect can be given by the partners.	Tender Condition Prevails
534	I	II, Bid Data Sheet	35	ITB 4.14	The Bidder shall submit with the Bid full details of its ownership and control or, if the Bidder is a JV/Consortium, full details of ownership and control of each Member thereof. The required information should be submitted as per Form 4.11 in the Section IV: Bidding Forms	Need clarity on full details of Ownership and contract of each member.	Clause is self explanatory
535	I	II, Bid Data Sheet	36	ITB 4.15	The foreign partner of the JV/Consortium shall submit appropriate documents pertaining to their financial capability/ audited balance sheets and clearances of taxes as per the relevant law of the country of their origin.	Need clarity on compliance documents for clearances of taxes as per the relevant law of the country of their origin.	The clause is self explanatory

536	II	VII, Work Requirement, General Specification	336	Appendix x-8	(a) First aid bases will be located at the main Project Civil Works Contractor's principal works areas. The bases will consist of a treatment room fitted with two treatment couches, a hand wash basin, sterilising equipment and lockable cupboards to contain sufficient medical supplies for the Contractor's workforce, the Engineer's site supervisory staff, the Designated Contractors working in the area and any visitors to the Site. The first aid post will be air-conditioned, with cooling capability sufficient to maintain the temperature of the inside of the building at 20°C.	NA	These are provision by others
537	II	VII, Work Requirement, General Specification	336	Appendix x-8	(b) A qualified doctor, nurse and assistant nurse will be in attendance at the first aid base during all times when work is being undertaken on the Site, including work by the Designated Contractors and periods when only emergency activities are being undertaken, such as during periods of inclement weather.	NA	These are provision by others
538	II	VII, Work Requirement, General Specification	336	Appendix x-8	(c) A fully equipped ambulance and driver will be provided at the first aid base during all working hours. The ambulance will be equipped with emergency life support equipment suitable for application in construction site accidents.	Ambulance with driver not required. We will have Tie-up with local hospital for ambulance with driver.	These are provision by others
539	II	VII, Work Requirement, Particular Specification, Elevators	415	17	Maintenance Requirement In addition to his obligations under the Conditions of Contract, the Contractor shall provide maintenance services during the Defects Liability Period (DLP) and also for the subsequent specified period AMC (in this case 13years) for all the Lifts supplied under the Contract. Maintenance work shall include attending to all service calls regarding unscheduled trouble or breakdown and also all such items of work described in approved Maintenance Schedule of OEM and/or Regulatory Authorities in the state of Maharashtra as per the followings:		AMC Period will be 5 Years, Kindly ref Addendum/Corrigendum
540	II	VII, Work Requirement, Particular Specification, Elevators	421	17.5 (Add Para)	Maintenance Requirement (additional)		Kindly ref Addendum/Corrigendum

541	II	VII, Work Require ment, Particul ar Specifica tion, Elevator s	423	19.9	The Contractor shall furnish price for 13 years AMC rates beyond the DLP. The details shall be provided in statement 9A of BOO (Pricing Document -vol-7)	AMC Period will be 5 Years, Kindly ref Addendum/ Corrigendum
542	IV	XII, BOQ	986	Stateme nt 12A	Statement No. 12A - Prices for Annual Maintenance Charges for 13 years beyond Defect liability Period.	AMC Period will be 5 Years, Kindly ref Addendum/ Corrigendum
543	II	VII, Work Require ment, Particul ar Specifica tion, Elevator s	554	17	In addition to his obligations under the Conditions of Contract, the Contractor shall provide maintenance services throughout the Defects Liability Period (DLP) and also for the specified period for all the Escalators supplied under the Contract. Maintenance work shall include attendance to all service calls, work described in approved Maintenance Schedule, and the followings:	AMC Period will be 5 Years, Kindly ref Addendum/ Corrigendum
544	II	VII, Work Require ment, Particul ar Specifica tion, Elevator s	559	17.5 (Add Para)	Maintenance Requirement (additional)	Kindly ref Addendum/ Corrigendum
545	II	VII, Work Require ment, Particul ar Specifica tion, Elevator s	561	18.11	The Contractor shall furnish price for 13 years AMC rates beyond the DLP. The details shall be provided in statement 9A of BOQ (Pricing Document-Vol-7).	AMC Period will be 5 Years, Kindly ref Addendum/ Corrigendum
546	IV	XII, BOQ	1032	Stateme nt 12B	Statement No. 12B - Prices for Annual Maintenance Charges for 13 years beyond Defect liability Period.	AMC Period will be 5 Years, Kindly ref Addendum/ Corrigendum