



CIN: U60300UP2013SGC060836

LUCKNOW METRO RAIL CORPORATION LIMITED

Administrative Block, Vipin Khand,
Gomti Nagar, Lucknow, Uttar Pradesh

No. LMRC/Electrical/E&M/LKE-3/2015

Date: 08.10.2015

To,

All Bidders

Sub: - Corrigendum-1 to Addendum-1 for the Tender LKE-3.

Ref:- LKE-3: "Design, Manufacturing, Supply, Installation, Testing & Commissioning of heavy duty Machine Room Less Elevators for Lucknow MRTS Phase-I projects".

Dear Sir,

In continuation to Addendum-1 of LKE-3, please find attached herewith Corrigendum-1 to Addendum-1.

Thanking you.

Yours sincerely,

(Mahendra Kumar)

Director (Rolling Stock & System)

Encl: As above

BIDDER-5

S.No.	Clause Name in Tender		Section Ref	Page No.	Clause content	Clarification/Change in specification raised	LMRC Reply
VOLUME 1 : NOTICE INVITING TENDER, ITT, FOT							
1	Minimum Key Staff	NIT	Annexure-4	14/ 18	Table of MINIMUM KEY STAFF REQUIREMENT A Chief Project Manager ... 1 B Project Manager ... 3 C Deputy Project Manager (DPM) ... 3 D Design Engineer ... 2 E Production Engineer ... 2 F Elevator Specialist ... 2 G Mechanical Engineer ... 2 H Installation Specialist ... 2 I SHE Organisation AS PER SHE J Civil & Structural Engineer 2	Request to clarify that the Key Staff required for the whole works including manufacturing and supply. Key staff deployed at manufacturing facilities shall be considered for this purpose. Including all these staff requirements, Lift works will be of intermittent nature and driven by civil access availability. Accordingly the requirement shall be considered subject to actual scope of works at any point of time	Please follow Addendum-1
2	Doc comprising Tender	ITT	C 2.1, C2.3	8,10/ 28	Technical Package separately sealed shall contain all the documents referred to in the subsequent paragraphs C2.2 and C2.3 except pricing document as for Clause C2.2 (c).	Docs reqd per C2.3 (i) such as MOU participation; works executed, works on hand, etc are covered in Pre-qualification package requirements. Accordingly request to clarify that same may not be added in Technical package submissions again. [These are specifically excluded as per Clause B4.4 (b)].	Please follow Tender conditions.
3	Submission of Tenders	ITT	D1.3, D1.4	18/28	.. The Tenderer shall seal the Technical Package of 'LKE-03 in separate envelopes, duly marking the "Original", and "Copy ". All the four envelopes of the Technical Package shall then be sealed in an outer envelope.	Clarify if no of envelopes to read as 2 (not 4) since there is only Original and Copy is for submission	Please refer Clause D1.4 of ITT
4	Electrical Contractor License	ITT	Appendix L to Annexure-4 (Technical Submissions)	27/40	Electrical Contractor License is to be enclosed	Electrical Contractor License for installation of Lifts is not applicable for State of U.P. (However we have similar License for NCT of Delhi.) Please clarify that Electrical Contractor License for Lifts is not required to be submitted.	Please follow Tender conditions.
5	Form of Tender	FOT	Appendix 1 s.n. 5	4/20	"Defect Liability Period" for the whole of Works: As per clause 23 of SCC after the date of issue of Taking over Certificate for the Whole of works	As per SCC 23 Defect Liability Period is 24 months from the date of Taking over Certificate. As per GCC 9.1 the Taking over Certificate shall be issued for the sections as applicable. Accordingly request to clarify that the Defect Liability period applicable for sections shall be 24 months from the respective date of taking over of sections. Defect Liability period for whole of works is not applicable if the works is divided into sections.	Please follow Tender conditions.

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S.No.	Clause Name in Tender		Section Ref	Page No.	Clause content	Clarification/Change in specification raised	LMRC Reply
VOLUME 2 : GENERAL & SPECIAL CONDITIONS OF CONTRACT							
6	Extension of Time	GCC	8.4.1	41/71	However, the Contractor shall not be entitled to any extension of time where the instructions or acts of the Employer or the Engineer are necessitated by or intended to cure any default of or breach of Contract by the Contractor or where any delay is due to a. the failure of sub-contractor, to commence or to carry out work in due time, c. inclement weather conditions	Contractor is not responsible for Inclement weather conditions which are Acts of God and may be part of Force Majeure clause. Accordingly request to clarify that the clause shall not apply in case of prolonged inclement weather conditions	Please follow Tender conditions.
7	Extension of time for completion for other reasons	GCC	8.4.2	42/71	Any extension to a Key Date shall not by itself entitle the Contractor to an extension to any other Key Date.	Request to clarify that all Key Dates effected shall be extended if effected by the same cause or consequential effect of the cause, which entitles extension for a particular Key Date	Please follow Tender conditions.
8	Consequences of Suspension	GCC	8.8b	43/71	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 b. necessary for proper execution of Woks or by reasons of weather condition or by some default on the part of the Contractor, or	Contractor is not responsible for Inclement weather conditions which are Acts of God and may be part of Force Majeure clause. Accordingly request to clarify that the clause shall not apply in case of prolonged inclement weather conditions	Please follow Tender conditions.
9	Defects Liability Period	GCC	10.1 SCC 23	44/71	"Defects Liability Period" shall mean the defects liability period stated in the Special Conditions of Contract calculated from the date of taking over of the Works	As per SCC 23 Defect Liability Period is 24 months from the date of Taking over Certificate. As per GCC 9.1 the Taking over Certificate shall be issued for the Sections as applicable. Accordingly request to clarify that the Defect Liability period applicable for sections shall be 24 months from the respective date of taking over of sections. Defect Liability period for whole of works is not applicable if the works is divided into sections.	Please follow Tender conditions.
10	Interest in Case of Delay in Repayment of Advances :	GCC	11.2.5 SCC 29	48/71 (19/30)	Should there be delay in the progress and completion of work, as a result of which it is not possible to recover the advance and interest thereon, before the date of completion stipulated in the Contract, then the interest to be charged from the Contractor on the remaining portion of the advance beyond the original completion date specified in the Contract, shall be the State Bank of India prime lending Rate plus 2% per annum or 10% per annum whichever is higher.	As per clause GCC 11.2.1 Mobilisation advance shall be paid interest free against acceptable Bank Guarante. The interest shall be chargeable on remaining portion of advance only if there be delay on account of Contractor and of which the advance is not recoverable in full within the completion period stipulated in the contract. Accordingly request to clarify that in case of any delay for which Contractor is not responsible, the interest on advance shall not be applicable.	Please follow Tender conditions.
11	Variations in BOQ	GCC	12.5 SCC 35	55/71	i) The quantities of items shown in the Bill of Quantities are approximate, and liable to vary during the actual execution of the work. Some items/group of items may have to be altered, added or omitted. The Contractor shall be bound to carry out and complete the stipulated work as instructed by the Engineer, irrespective of the magnitude of variations including additions, alterations or omissions in the Bill of Quantities, individual items or group of items, specified in the Bill of Quantities.	Request to clarify that Variation shall be applicable within completion period of each Section for which the Variation is applicable. This is required for the uniform Defect Liability Period and Contract Periods for the Section as applicable	Please follow Tender conditions.
12	Variations in BOQ	GCC	12.5	56/71	Last para in h): However, if the Engineer or the Employer so directs the Contractor shall be bound to carry out any such additional quantities beyond the limits stated above original quantities and or new items and the disagreement or the difference regarding rates to be paid for the same shall be settled in the manner laid down under the conditions for the settlement of dispute.	This clause is not applicable as the same is contrary to provisions of clause 12.5 (f) for variation beyond 25%. Request to clarify that the contract is binding only for 25% variation, beyond which the variation is not binding. However it shall be negotiable and mutually agreed as per Clause 12.5 (f).	Please follow Tender conditions.

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13	Contractors Care of Works	GCC	14.2	61/71	The Contractor shall take full responsibility for the care of the Works, or any part thereof, including full responsibility for the care of any work being manufactured, or stored off-Site for inclusion in the Works, or in the course of transportation to the Site, and for the care of Contractor's Equipment, Temporary Works, Plant, Rolling Stock, and any other Material, whatsoever, on the Site or delivered to or placed on the Site in connection with, or for the purpose of the Works.	Escalators may need to be placed off-site in case Employer is unable to allot sufficient space at the Stations. Such specific off-site locations are to be arranged by Employer. Request to clarify, in such an event, these "off-site" locations shall be deemed as Employer's Site for purposes of delivery of Works.	Please follow Tender conditions.
VOLUME 2 : SPECIAL CONDITIONS OF CONTRACT							
14	Safe Custody Bank Guarantee	SCC	SCC 58 Schedule 9 - Safe Custody Guarantee , SCC Clause 20	29/30	Safe Custody Bank Guarantee (Applicable for items specifically mentioned in the contract) The Contractor shall submit a Safe Custody Bank Guarantee in the format given in Schedule 9 against payments made for Plant and Equipment dispatched to sites and stores in DMRC network in Lucknow. The amount of safe custody Bank Guarantee shall be equal to 95% percent of the amount due as per the relevant clause of (BOQ) wherever applicable. The value of the Safe Custody Bank Guarantee would be adjusted for the equipments already commissioned.	1. 10% of Performance Bank Guarantee, Advance BGs for total contract value and also Indemnity Bond against the payment for Plant and Equipment are part of the contract requirements. 2. Further the materials are delivered within premises of Employer Sites. Accordingly Safe Custody Bank Guarantee will not be applicable and we request for deletion of Safe Custody BG. Request to clarify that, this clause and Schedules of Safe Custody are not applicable and also Safe Custody BG is not specifically asked against any quantity in BoQ.	Please follow Addendum-1
15	Contract Price	SCC	24	17/ 30	D. The bidders shall quote fix lump sum price or as per BOQ price (as the case may be) inclusive of all taxes, levies, duties, cess, freight, insurance and all other incidental charges required to fulfill the contract requirements including statutory deduction viz., TDS towards Income Tax T/UPVAT except (a) Customs Duty, (b) Excise Duty, (c) UPVAT/CST Duties and taxes as per item (a), (b) & (c) shall be reimbursed on actual based on following documentary proof to be submitted by the contractor.	UPVAT is not inclusive in contract price and it is reimbursable in addition to the contract price. Accordingly request to clarify that: No TDS for UPVAT is applicable on any contract amounts	As per Tax rules
16	Quantity Variation	SCC	35	21/30	The quantities of items shown in the Bill of Quantities are approximate, and liable to vary during the actual execution of the work. The Contractor shall be bound to carry out and complete the stipulated work irrespective of variation in individual items, at the same rate as specified in the Bill of Quantities subject to variation in the value of the Contract being limited to 25% of the total original/enhanced value of the contract.	Request to clarify that Variation shall be applicable within completion period of each Section for which the Variation is applicable. This is required for the uniform Defect Liability Period and Contract Periods for the Section as applicable	Please follow Tender conditions.
VOLUME 3 : EMPLOYER REQUIREMENTS : GENERAL SPECIFICATIONS							
17	O&M Documentation> Format of Manuals	GS	11.2.2	GS 11-2 of 5	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:	L&E Contractors do not supply computer systems; Request to clarify that the clause is not applicable for Elevators.	Please follow Tender conditions.
18	O&M Documentation > Submissions	GS	11.4.1	GS 11-3 of 5	The delivery shall include a copy of the software and licence to operate the software to modify the manuals together with one set of CADD drawing files.	The O&M manuals would be made in available MS Word/PDF formats only; hence no additional specific software/ licences are required. CAD Drgs are not part of O&M Manuals. These will be provided as As-built Drawings. Request to clarify that the clause is not applicable for Elevators.	Please follow Tender conditions.

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19	Supervision & planning of Maintenance	GS	12.1.3	GS 12-1 of 2	The scope of maintenance activities shall include all scheduled and unscheduled maintenance required including all routine inspections and service overhauls at trackside, on trains and in workshops. Maintenance work shall include faultfinding following report of incidents and repair of items of equipment changed out in the course of fault rectification but excluding any Contractor's liability for work to be carried out under the requirements of the Defects Liability Period.	Clarification required that this clause is not applicable for Lift and Escalators as there is no track side or train or workshop equipments for maintenance. Scheduled and Breakdown maintenance at the equipment is applicable in case of Lifts and Escalators	Clause is applicable for whatever is applicable in case of Lift & Escalators.
20	Supervision & planning of Maintenance	GS	12.2.1 (i)	GS 12-1 of 2	Provide recommendations in respect of philosophy and procedures for repairs of electronic systems, including PCBs, and the scale of facilities required to be set up in the Depot and Workshops for this purpose.	Setting up of Depot/ Workshop facilities are not applicable for Lifts and Escalators and they are not feasible. Request to clarify that this clause is not applicable for Elevators	Only recommendation is asked. Follow Tender condition.
21	Contract Spares	GS	13.3.2	GS 13-4R1 of 7	Notwithstanding the quantities defined , the quantity of Spare Parts shall be sufficient for the full operation of the Permanent Works for the first 5 years following the expiry of the Defects Liability Period for the works ("Contract Spares").		
22	Special Tools & Test Equipment		13.6.1 13.6.2	GS 13-5R1 of 7	13.6.1 : The Special Tools and Test Equipment (together with the relevant calibration certificates) required to carry out all the functions described in the Operation and Maintenance Manual or as required by the PS shall be suitably packed and identified 13.6.2 : All Special Tools and Test Equipment shall be supplied with Operation and Maintenance Manuals, complete diagrams, schematics, assembly and connection drawings, calibration instructions and circuit diagrams/descriptions for future maintenance.	Request to clarify that this clause is not applicable as the Contract Spares are listed in Particular Specification, Appendix E. These lists shall be subject to manufacturer's standard and approval during design stage	Please follow Tender conditions.
23	Site Facilities for Employer Rep.	GS	15.6.1 15.6.2	15-2 of 6	The Contractor will be required to provide suitable accommodation for Employer's representative in Contractor's site office/work site. The accommodation for Employer's Representative shall include furniture, fan, air conditioner, drinking water facilities and suitable communication facilities.	Site office and accomodations for ER are not applicable for Lift and Escalators contracts as the works are distributed in all Stations and intermittent in nature. Request to clarify that this clause is not applicable for Lifts and Escalator Contractors.	Minimum one site office is required for the complete North - South corridor.
24	Site safety Plan	GS	18.5.3.3	GS 18-3 of 12	The Site Safety Plan shall include a policy statement signed by the chief executive officer of the Contractor (or other senior officer) declaring that occupational health and safety shall be given the highest practicable priority in all aspects of the Contract and in the discharge of his contractual obligations.	The Site Safety Plan POLICY STATEMENT shall be signed by authorised person (Chief Project Manager) supported with Power of Attorney as per Tender Conditions. Request to clarify that the same is acceptable	Please follow tender condition
25	Chapter 20 - Env protection Requirements	GS	20.3, 20.4, 20.5, 20.6, 20.7		Air Quality, Water Quality, Noise & vibrations, Wastes, Prevention of Mosquito Breeding	Elevators site work is limited to installation and commissioning within Stations. Request to clarify that this clause is not applicable for Elevators and Escalators	Please follow tender condition
VOLUME 4 : PARTICULAR SPECIFICATION							
26	Simulator	PS	6.33	62	Simulator	Lifts are maintained by AMC contracts, Any one lift can be used for demonstration during training. Request to clarify the requirement of simulation for this Contract.	Please follow tender condition
VOLUME 6 : CONDITIONS OF CONTRACT ON SAFETY, HEALTH, ENVIRONMENT							
27	Part IV	SHE	47,48,49,50, 51,52,53, 54,55	67 ~ 72	Environmental Management :- Air Quality, water Quality, Landscaping, Wastes, Hazardous waste,etc	These are not relevant and applicable for Elevator Contractors as per scope of Works.. Please confirm that the extent of requirement shall be subject to scope of works	Please follow tender condition

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S.No.	Clause Name in Tender		Section Ref	Page No.	Clause content	Clarification/Change in specification raised	LMRC Reply
28	Part V	SHE	56.3 (Table)	73 ~ 82	Penalty and Awards for violation of Safety procedures.	Safety procedures shall be applicable as per hazard analysis and mitigation plan in relation to scope of works and which shall be subject to approval during execution. All clauses may not be relevant and applicable for Elevator Contract Works. Please confirm that the extent of requirement shall be subject to scope of works	Please follow tender condition
29	Appendix-4 : General Instructions	SHE		92 ~ 111	Minimum Man power Requirements of SHE ORGANIZATION based on Contract value Minimum Qualifications and Experience for SHE Minimum requirements of SHE Monitoring & Audio visual equipments SHE Training details for Managers & Supervisors SHE Training Matrix, SHE Service Agencies, SHE Communication Posters/ Signages/Video Minimum Lighting requirements	SAFETY Manpower and Training Requirements, Signages, etc shall be in proportion to the scope of works and requirement of safety procedures. All clauses may not be relevant and applicable for Elevator Contract Works. Please confirm that the extent of requirement shall be subject to scope of works and compliance to SHE requirements specific to the job at site	Please follow Addendum-1
VOLUME 7 : BILL OF QUANTITY : PRICING DOCUMENT							
30	Terms of Payment	BOQ	1.2 2.5 8) 2.5 9) 3.6 3.8 3.9	3 of 50 13 of 50 14 of 50 18 of 50 18 of 50 19 of 50 19 of 50	>Training Simulator for the Troubleshooting and hands on Operation & Maintenance Training. >Simulator for the Troubleshooting and Maintenance Training of Employer Staff. >Troubleshooting and Maintenance Training of approved Employer staff on the simulator >Balance of 30% for the Integrated Testing and Commissioning provision of simulators, O&M Manuals, Training, Spares Tools, Etc and issue of Taking Over Certificate for the Elevator/ Section to the Contractor. >Simulator for the hands on Troubleshooting and Maintenance Training of Employer Staff. >Item 3 : 100% payment on Supply and Erection of the Simulator for the Troubleshooting and Maintenance Training and acceptance by the Employer. Troubleshooting and Maintenance Training of approved Employer staff on the simulator	Request to clarify that if Simulator is required, then it will be one of the units installed seperately at training centre and depends on availability of site access specific to simulator. Accordingly payment of Lift installation and other price statements shall be delinked from installation and commissioning of Simulator	Please follow tender condition
31	Terms of Payment	BOQ	3.3, Statement of Prices No. 1A, 1B –	15-16	Statement of Prices No. 1A, 1B – Design, Manufacture and Delivery of Escalators CIF Port in India 95% of Statement of Price 1B of the CIF price for each escalator shall be payable after delivery to the “Engineer” of evidence of despatch documents in favour of the Employer and delivery of: o Bill of Lading; o certificate of type tests; o certification of Factory Acceptance tests; o provision of Safe Custody Guarantee; o proof of Marine insurance;	As requested above for reasons indicated under Safe Custody	

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32	Terms of Payment	BOQ	3.4 Statement of Prices 2A and 2B.	16-17	Statement of Prices 2A and 2B. – Design, and Manufacture of escalators ex-Works India. 95% Statement of Prices 2B of the Ex-Works price for each escalator shall be payable after evidence of loading on to the mode of transport to be used to convey the plant and equipment from the works to storage in Lucknow and upon endorsement of the despatch documents in favour of the Employer and delivery to the “Engineer” of: o Proof of despatch; o certificate of type tests; o certification of Factory Acceptance tests; o provision of Safe Custody Guarantee; o proof of inland transport insurance;	Gurantee Clarifications, please allow provision of Safe Custody Indemnity Bond in lieu of Safe Custody B/G.	Please follow Addendum-1
33	Terms of Payment	BOQ	3.8 Statement No 6A	18	O&M Documentation, Transfer of Technology and all other obligations as per Tender Documents. 3. Design, Supply, Erection, Testing and Commissioning of Simulator for Troubleshooting and O&M Training	For Lifts Contractors, Simulator for hands-on troubleshooting are not applicable. These may be deleted from the BoQ.	Please follow tender condition
34	Statement of Prices	BOQ	Statement 6B	36	Against Training of Employers Staff, Qty is shown "30" (PS Clause 19.3 indicates 15 + 20 + 110 "Trainer working days" against sl nos #1,2 & 3)	Please clarify BoQ mentioned here is the final and supersedes the quantity indicated in PS Clause 19.3 and the unit of measurement referred is Trainer mandays required.	Please follow Addendum-1
35	Supplementary Agreement Rates	BOQ	New	48-49	.. IMPORTANT POINTS TO NOTE FOR SUPPLEMENTARY AGREEMENT. 2. As per Clause A1.2.1 of ITT, LMRC reserves the right to convey the acceptance of the prices for the works for extended or new corridors within the contract period through a supplementary agreement (on base tender rates) with consent of contractor.	Request to clarify 1. that the table provided here is same as current tender scope and supplementary order will be applicable for new/ extension corridors; 2. also whether the base rates will be applicable within contract completion period of 36 months from the date of commencement and shall be subject to 25% variation clause, beyond which supplementary order will be subject to negotiation and mutual agreement	Please follow Addendum-1

S.No	Name of the clause	Volume	Section Ref (Clause)	Page No	Request As per clause	Clarifications Requested	LMRC Reply
1	Escalator Schedules	Vol 4, PS	4.14	17	Rise-wise Elevator details furnished for 87 nos. [for 4 Corridors under Clause 2.2.1, and including Depot]	Request to clarify Station-wise Qty breakup of Elevator schedules, rise-wise, to enable prepare the Tentative Works program	Will be clarified at design stage
2	Motor	PS	6.3.2	27	The maximum temperature rise of the winding shall not exceed 50 ⁰ C above ambient temperature when operated under normal condition.	Temperature rise to be suitable to class-F insulation	Please follow Tender condition
3	Car Frame	PS	6.8.2	32	A suitable car frame fabricated from galvanized cold rolled steel, bolted, or welded together to form a rigid structure shall be provided.	Hot rolled construction will be the better option due to its availability as well as to meet the safety factor.	Please follow Tender condition
4	Car Enclosure	PS	6.8.3	32	Car enclosure required under this Tender are of two types:- (i) Steel door and Steel side panel (ii) Three side Glass with Glass door & two side glass side panels.	As per PS glass door with two & three glass side panels are mentioned. But in BOQ statement No.1A, 1B, 2A, 2B glass door with glass side panels are mentioned and in Statement No.13F. additional price for Rear side glass (for shaft size 2500mm x 1900mm) is mentioned. Please confirm how many glass panels to be used?.	Please follow Addendum-1
	Car Enclosure				(e) For elevators of glass door with glass side panels, the car enclosure shall be Scratch Resistant Stainless steel finish at rear side and framed transparent fire rated glass panels on both sides with minimum thickness 10mm.		
5	Car Platform	PS	6.8.4	33	The car platform shall be constructed from spray galvanized cold rolled steel with steel flooring	Hot rolled construction will be the better option due to its availability as well as to meet the safety factor.	Please follow Tender condition
6	Car Interior and Elevator Finishes	PS	6.8.10	35	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 is mentioned in clause 6.16.1.F.iv. But in Clause 6.8.10 it is mentioned as IP 54. Please clarify.	Please follow Tender condition
7	Car operating panel	PS	6.11.2(a)	38	A red "Car Overload" indicating lamp with buzzer in both Hindi and English Language.	Over load indication will be shown on car display so there is no separate lamp provided	Please follow Tender condition
8		PS	6.11.3(d)	39	"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	Please follow Tender condition

S.No	Name of the clause	Volume	Section Ref (Clause)	Page No	Request As per clause	Clarifications Requested	LMRC Reply
9	Door Profile	PS	6.16.1(h)	42	To avoid the sticking of fingers in between Car frame and Car door, profile shall be provided & the gap after provision of profile if any shall not be more than 5 mm.	Please clarify, whether Finger guard protection is to be provided for glass door or for SS door	Please follow Tender condition
10	Hall position indicator	PS	6.16.3	42	The response light of the "UP" and "DOWN" indication lanterns shall be green and red respectively when illuminated	The response light of both the Up and Down indication lantern shall be RED	Please follow Tender condition
11	Operating and safety device	PS	6.18.3(f)	45	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	Please follow Tender condition
12	Operating and safety device	PS	6.18.4	45	An automatic re-leveling device shall be provided which returns the Elevator to the floor automatically should the Elevator creep down or move up from floor level for any distance from 6 mm to 50 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 being very less, so the rope elasticity is also negligible.	Please follow Tender condition
13	Electrical Requirements	PS	6.19.3	47	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 is not required for Platform and Concourse stops.	Please follow Tender condition
14	Electrical Requirements	PS	6.19.13	48	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 has failed Elevator intercom will not function. Therefore, it is better to have a battery back-up device in lift control panel	Please follow Tender condition
15	Provision for LED Based Remote Monitoring System (RMS)	PS	6.20	49	LED RMS Panel will be provided by elevator contractor,...	As per Escalator contract (LKE-04), signals to be provided by the lift contractor to the Escalator contractor and a PC based RMS will be provided by the Escalator contractor as per the PS clause 5.9.5 (of LKE - 04). Please clarify the scope of the Lift contractor and Escalator contractor.	Please follow Addendum-1

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16	Miscellaneous	PS	6.27.5	55	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 are mentioned in contract. However any water entry/ seepage in car tops and into MAP panel can not be controlled.	Please follow Tender condition
17	Miscellaneous	PS	6.27.6	55	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. Architrave Signage's shall be LED based and their cable shall be FRLSOH.	It is better, LED signage and its cabling be done by Signage contractor and not by elevator contractor	Please follow Tender condition
18	Special Cable Requirements	PS	6.30.3	60	The conductor shall be of stranded conductor composed of plain annealed copper wire complying with IEC 228, Class 2	IEC 228 / IS 8130 . (IS 8130 can also be considered.)	Please follow Tender condition
19	Special Cable Requirements	PS	6.30.4	60	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	Please follow Addendum-1
20	Special Cable Requirements	PS	6.30.6(a) & (b)	60	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 can be considered due to the capability of Indian laboratory. IEC 61034 meets the requirement	Please follow Tender condition
21	Special Cable Requirements	PS	6.30.6(c)	60	The flame propagating criteria of US IEEE Standard 383, with a minimum test short circuit time of five minutes,...	IEC 332 can be considered due to the capability of Indian laboratory. IEC 332 meet the requirement	Please follow Tender condition
22	Chapter 17 "Maintenance Requirements"	PS	17.4	124	The Contractor shall submit to the "Engineer" for review, the software support plan at least 90 days before commencement of software installation. Employer will have the right, for multiple use of the 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.	In case of Elevators, Software is not subjected to maintenance at sites. Request to clarify that these are not relevant to Elevator works	Please follow Tender condition
23	Test Equipments	PS	18.3.2	130	Two sets each of lap top computer for the entire contract shall be provided by the Contractor	Request to clarify that this clause is superseded by Appendix -E Annexure-7 which give the list of tools for supply	This is Separate requirement
24	Training	PS	19.2	134	Scope of Training includes "design, manufacturing, testing, system architecture and installation practices" related to Elevators. This will cover training in India and abroad including training at manufacturing facilities.	Please confirm that the requirement is superseded by 19.3, "Training Programme" where in Training during Design is excluded	Please follow Tender condition

S.No	Name of the clause	Volume	Section Ref (Clause)	Page No	Request As per clause	Clarifications Requested	LMRC Reply
25	Interface Matrix of Phase-I Elevator Contract (LKE-03) Section-I (Elevated Stations)	PS	Appendix -A : Interface Matrix	150	Part-I : Construction : Provide data cable for control from station control room including requirements of BMS and NP-SCADA contractor.	As per contract no signals are to be given to SCADA as per PS clause 8.4 "Interface with NP-SCADA System". Please clarify, if this is not required and then why cable is required ?	Please follow Tender condition
26	Annexure-3	PS	Appendix- E : Spare Policy	166	List of DLP Spares	The list of spares as given in the Annex-3, -4, -5, -6, -7 could be from other lift manufacturer's design scope and supply. However the mandatory spares and Tools required shall be clarified during tender submission for evaluation. The applicable list shall be agreed during design stage evaluation. Thus equivalent JOHNSON spares will be provided while quoting . It is requested that any changes to these lists shall not be treated as deviation to the tender	Please follow Addendum-1
27	Annexure-4	PS	Appendix- E : Spare Policy	169	Mandatory Spares		
28	Annexure-5	PS	Appendix- E : Spare Policy	172	Recommended Spares for three years After DLP		
29	Annexure-6	PS	Appendix- E : Spare Policy	174	List of Spares for 10 years beyond the DLP		
30	Annexure-7	PS	Appendix- E : Spare Policy	176	List of Tools (including Special Tools)		
31	Statement No. 1A Statement No. 1B Statement No. 2A Statement No. 2B	Vol 7 BoQ	Statement of Price	22 - 30	Note: (1) The above rises may vary by $\pm 0.5m$ based on site conditions, however the Contractor shall not be entitled for any extra payment on account of this variation.	In the BoQ items the variation range is already covered. Ref 4.0 metre ($3.5 > h \leq 4.5$) variation of +/- is included already. Request to clarify that no further variation as per Note: (1) is applicable. Accordingly this note may be considered for deletion to avoid confusion in the pricing.	Please follow Tender condition