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Office of the Project Director
Customs Modernization and Infrastructure Development Project
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Memo: 08.01.0000.104.014.067.25- 215 Date: 10 March 2026

Corrigendum (Amendment-2)

Package No: WD-04-Construction of Customs, Excise & VAT Training Academy (CEVTA), Chattogram

The bidding documents issued under memo no. 08.01.0000.104.014.058.25-15, Date: 15 January, 2026 and RFB no. WD-04 are hereby amended in the Specific Procurement Notice, RFB and others. This amendment will be an integral part of the Request for Bids (Two-envelope Bidding Process without Prequalification).

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
01	Section III - Evaluation & Qualification Criteria	**Section III - Evaluation & Qualification Criteria - 4.2 (a) Specific Construction & Contract Management Experience:**, it is stated that: "(i) A minimum number of similar contracts specified below that have been satisfactorily substantially and completed as a prime contractor, joint venture member, management contractor or Subcontractor between 1st January 2016 and bid submission deadline: (i) **01 (one)** contract of minimum value of **USD 44M** (Forty-four million USD); Or,(ii) Aggregated value of **2 (Two)** contracts must be at least **USD 62M** (Sixty-two million USD). The similarity of the contracts shall be based on the following: (a) At least 5 storied Green certified Building including 01 level Basement, Lift-generator-substation system installation, and acoustic & firefighting system installation.(b) Construction of residential buildings at least 7 storied.(c) Construction of buildings with using Sustainable material and green features.(d) Installation of Solar panels, Firefighting systems, Rain water Harvesting etc."	-	**Section III - Evaluation & Qualification Criteria - 4.2 (a) Specific Construction & Contract Management Experience** will be replaced as following - "(i) A minimum number of similar contracts specified below that have been satisfactorily substantially and completed as a prime contractor, joint venture member, management contractor or Subcontractor between 1st January 2016 and bid submission deadline: (i) **01 (one)** contract of minimum value of **USD 44M** (Forty-four million USD); Or,(ii) Aggregated value of **2 (Two)** contracts must be at least **USD 62M** (Sixty-two million USD). The similarity of the contracts shall be based on the following: "(a) At least 5 storied Green certified Building including 01 level Basement, Lift-generator-substation system installation, and acoustic & firefighting system installation.(b) Construction of residential buildings at least 7 storied.(c) Construction of buildings with using Sustainable material and green features. The bidder shall demonstrate experience in all the specified activities from (a) to (c) in 1 (one) contract or collectively in 2 (two) contracts; documents in this regard need to be submitted."
02	Section IV - Bidding	"The bidder shall have B, C class contractor license provided by the	-	This text will be deleted.

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
	FormsANNEXURE III -RFB-PART-2: WD04 BOQ Mechanical Part of all buildings	electric licensing board. After completion of the work, the bidder and the manufacturing company shall provide the certification about installation, testing and commissioning of the lift and as built drawing of hoistway and machine room."		
03	Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 BOQ Mechanical Part of all buildings	"The bidder shall have one year's experience of maintenance of minimum 20 nos of lift and a detailed list of that experience shall be certified in a prescribed form and attested by the concerned Executive Engineer of PWD."	-	This text will be deleted.
04	Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 BOQ Mechanical Part of all buildings	"The bidder shall give the assurance from the manufacturing company to supply of spare parts for minimum 20 years and this assurance must be authenticated by the Chamber of Commerce/ Ministry of Commerce/ Ministry of foreign affairs of the concerned manufacturing company."	-	This text will be deleted.
05	Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 Academy Building Mechanical Works BOQ Detailed Specification of Lift	Detailed Specification of Lift (Passenger) : No of stops : 7 Stops.	-	Detailed Specification of Lift (Passenger) : No of stops : 5 stops for 4 nos. 1250 kg lifts; 7 stops for other 4 nos. 1250 kg lifts
06	Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 Academy Building; WD-04 Dorm T-1 WD-04 Dorm T-2 WD-04 Dorm T-3 WD-04 Dorm Seniors Dorm Mechanical Works BOQ TERMS AND CONDITIONS OF	TERMS AND CONDITIONS OF LIFT (Part and parcel of tender document) 1. The bidder shall submit the technical proposal of Lift items with sealed & signed by manufacturing company on their Letterhead pad and main catalogue (marked) including mentioning brand, model & country of origin of the proposed lift. 2. The bidder shall submit a certificate issued by manufacturing Company stating the time span of Lift manufacturing experience of the manufacturer. The	-	TERMS AND CONDITIONS OF LIFT (Part and parcel of tender document) will be replaced by the following – " 1. The bidder shall submit the technical proposal of Lift items with sealed & signed by manufacturing company on their Letterhead pad and main catalogue (marked) including mentioning brand, model & country of origin of the proposed lift. 2. The successful bidder shall submit a certificate issued by manufacturing Company stating the time span of Lift manufacturing experience of the

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
	LIFT (Part and parcel of tender document)	certificate must be authenticated by chamber of commerce/Ministry of Commerce/Ministry of foreign Affairs of Lift manufacturing Company. The bidder shall submit the detail address of the factory, telephone no., website address, e-mail address and company profile of the lift manufacturing company. 3. The proposed lift manufacturing company shall have it's own testing tower and R&D(Research and development) wing/centre, related document to be submitted with tender. 4. The bidder shall submit a certificate by manufacturing company stating that minimum 1000 Nos. of the proposed brand of lift have been used in minimum 10 (ten) countries of the world including the manufacturing country for equal to or more than ten years. The certificate must be authenticated by Chamber of Commerce/ Ministry of Commerce/ Ministry of Foreign Affairs of the lift manufacturing company. 5. EN 81 related certificates (EN 81-20 & EN 81-50, EN-81-77 for all types of lifts, EN 81-72:2015 for firefighter's lift, EN-81-31:2010 for Cargo lift) or its latest edition and Standard test certificates, Certified Test Certificates and Type Test reports (not older than 5 years), ISO certificates for management, occupational health and safety standard certificates, Environmental safety certificates obtained by lift manufacturer shall be submitted by Tenderer. 6. Each bidder must be the Sole agent /Representative / Distributor of the lift brand proposed in the tender and the bidder must submit its all valid supporting documents issued by original manufacturing company. Manufacturer's certificate stating that the bidder has sufficient trained and		manufacturer. The certificate must be authenticated by chamber of commerce/Ministry of Commerce/Ministry of foreign Affairs of Lift manufacturing Company. The successful bidder shall submit the detail address of the factory, telephone no., website address, e-mail address and company profile of the lift manufacturing company. 3. The proposed lift manufacturing company shall have it's own testing tower and R&D(Research and development) wing/centre, related document to be submitted with tender. 4. The successful bidder shall submit a certificate by manufacturing company stating that minimum 1000 Nos. of the proposed brand of lift have been used in minimum 10 (ten) countries of the world including the manufacturing country for equal to or more than ten years. The certificate must be authenticated by Chamber of Commerce/ Ministry of Commerce/ Ministry of Foreign Affairs of the lift manufacturing company. 5. EN 81 related certificates (EN 81-20 & EN 81-50, EN-81-77 for all types of lifts, EN 81-72:2015 for firefighter's lift, EN-81-31:2010 for Cargo lift) or its latest edition and Standard test certificates, Certified Test Certificates and Type Test reports (not older than 5 years), ISO certificates for management, occupational health and safety standard certificates, Environmental safety certificates obtained by lift manufacturer shall be submitted by Tenderer. 6. Each bidder may be the Sole agent /Representative / Distributor of the lift brand proposed in the tender and the bidder must submit its all valid supporting documents issued by original manufacturing company. Manufacturer's certificate stating that the bidder has sufficient trained and experienced manpower to install, test and commission the lift as per EN 81-21 code and relevant standard and conformities. 7. The successful bidder shall submit a certificate by manufacturing company

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
		experienced manpower to install, test and commission the lift as per EN 81-21 code and relevant standard and conformities. 7. The bidder shall have B, C class contractor license provided by the electric licensing board. After completion of the work, the bidder and the manufacturing company shall provide the certification about installation, testing and commissioning of the lift and as built drawing of hoistway and machine room. 8. The bidder shall have one year's experience of maintenance of minimum 20 nos of lift and a detailed list of that experience shall be certified in a prescribed form and attested by the concerned Executive Engineer of PWD . 9. The bidder shall give the assurance from the manufacturing company to supply of spare parts for minimum 20 years and this assurance must be authenticated by the Chamber of Commerce/ Ministry of Commerce/ Ministry of foreign affairs of the concerned manufacturing company. 10. The bidder shall submit a certificate by manufacturing company stating that they manufacture PMS (Permanent Magnet synchronous) type gearless motor , Polyurethane coated steel belt & Regenerative drive (in required cases) , controller , inverter , motherboard , Door Inverter & all PCBs (Printed Circuit Boards) in their own factory . The certificate must be authenticated by Chamber of Commerce / Ministry of Commerce / Ministry of Foreign Affairs of the Lift Manufacturing Company. 11. The block diagram of the complete lift system including		stating that they manufacture PMS (Permanent Magnet synchronous) type gearless motor , Polyurethane coated steel belt & Regenerative drive (in required cases) , controller , inverter , motherboard , Door Inverter & all PCBs (Printed Circuit Boards) in their own factory . The certificate must be authenticated by Chamber of Commerce / Ministry of Commerce / Ministry of Foreign Affairs of the Lift Manufacturing Company. 8. The block diagram of the complete lift system including all control system with ACVVVF, power components, Regen drive (in required case) on manufacturer's letterhead pad must be submitted with the contract. 9. The bidder shall submit a work program to complete the Lift supply and installation work and submit a statement that before opening LC, they shall get selection of Lift items from Procuring entity prior to manufacturing. 10. The successful bidder must submit the detail packing list with sealed and signed by the lift manufacturing company to the Project Director minimum 15 days before shipment and Lift equipment shall be listed packet wise in detail. That packing list must comply the items described in the agreement and as per selection. The manufacturing company must certify that all parts/items are supplied in the packing list. The name of the project and LC no. shall be marked clearly in the packets. Equipment of one contract cannot be packetized together with other equipment/ other contracts. 11. Before shipment, Factory Acceptance Test (performance test of safety devices of lift and Quality assurance tests of the products as per standards) will be carried out by Internationally accepted inspection agencies (home and abroad). 12. Post landing inspection for imported lift(s) shall be done by representatives of Procuring Entity according to the packing list and the expenditure for it will be carried out by Contractor /Supplier. After post landing inspection from the port, the imported equipment

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
		all control system with ACVVVF, power components, Regen drive (in required case) on manufacturer's letterhead pad must be submitted with the contract. 12. The bidder shall submit a work program to complete the Lift supply and installation work and submit a statement that before opening LC, they shall get selection of Lift items from Procuring entity prior to manufacturing. 13. The successful bidder must submit the detail packing list with sealed and signed by the lift manufacturing company to the concerned Executive Engineer minimum 15 days before shipment and Lift equipment shall be listed packet wise in detail. That packing list must comply the items described in the agreement and as per selection.The manufacturing company must certify that all parts/items are supplied in the packing list. The name of the project and LC no. shall be marked clearly in the packets. Equipment of one contract cannot be packetized together with other equipment/ other contracts. 14. Before shipment, Factory Acceptance Test (performance test of safety devices of lift and Quality assurance tests of the products as per standards) shall have to be carried out by the manufacturer in presence of nominated engineers of PWD at the lift manufacturing factory premises. One engineer will be nominated for one lift. For two lifts in a single tender minimum one engineer will accomplish this inspection and testing. For more than two lifts in a single tender, the number of nominated engineers will be increased by one per two lifts.		shall be reached directly to the project site according to the condition of the contract. Testing could be done at site with condition that substandard material/ performance will not be acceptable. 13. The bidder shall certify that all given certificates/ documents/ drawings are complete and correct. If any error is found, the contract will be cancelled and the bidder will be disqualified from future participation of any tender. 14. Maintenance engineers of the tenderer must receive service level 1-2-3 certification, employees of them must receive quarterly training. 15. Yearly Confirmation of Periodic Safety Inspection (CPSI) must be done on full portfolio of the tenderer organization and yearly technical clarification audit must be done with mother company/Principal."

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
		All cost related to engineers' travel, food, accommodation, etc. will be borne by awarded organization/Manufacturer. The expenditure for this will be incorporated by the bidder at the time of participation. For special reasons if inspection is not performed by the engineers of the PWD, taking prior approval of the procuring entity quality assurance tests will be carried out by Internationally accepted inspection agencies(home and abroad). 15. Post landing inspection for imported lift(s) shall be done by representatives of Procuring Entity according to the packing list and the expenditure for it will be carried out by Contractor /Supplier. After post landing inspection from the port, the imported equipment shall be reached directly to the project site according to the condition of the contract. 16. The bidder shall certify that all given certificates/ documents/ drawings are complete and correct. If any error is found, the contract will be cancelled and the bidder will be disqualified from future participation of any tender. 17. Maintenance engineers of the tenderer must receive service level 1-2-3 certification, employees of them must receive quarterly training 18. Yearly Confirmation of Periodic Safety Inspection (CPSI) must be done on full portfolio of the tenderer organisation and yearly technical clarification audit must be done with mother company/Principal **N.B. Above mentioned 18 T&C alongwith Checklist for time duration for various steps of Lift import & installation, Checklist asking name and address of manufacturer of major parts of proposed Lift must be mapped in e-GP tender process by concerned Procuring Entity		

<table>
<tr><th>Sl. No.</th><th>Bidding Documents reference</th><th>Existing Entries</th><th>Amended-1 Entries</th><th>Amended-2 Entries</th></tr>
<tr><td>07</td><td>Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 Academy Building Mechanical Works BOQ Passenger Lift</td><td>PASSENGER LIFT

Not mentioned</td><td>-</td><td>PASSENGER LIFT

<table><tr><th>Description of items</th><th>Quantity</th></tr><tr><td>1250 KG (upto 3-stop) (B,G,1)</td><td>4</td></tr><tr><td>Next per stop (2,3)</td><td>8</td></tr><tr><td>1250 KG (upto 3-stop) (B,G,1)</td><td>4</td></tr><tr><td>Next per stop (2,3,4,5)</td><td>16</td></tr></table></td></tr>
<tr><td>08</td><td>Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 Academy Building Mechanical Works BOQ Detail Specification of Lift (Fire Lift)</td><td>Detailed Specification of Lift (Fire Lift) :

Not mentioned.</td><td>-</td><td>Detailed Specification of Lift (Fire Lift) :

Type :Gearless, oil free, permanent magnet synchronous motor driven type Passenger Lift .

Capacity : 1000 kg. (13 Passenger)
No of stops : 6 Stops of one Fire Lift and 8 Stops for another.
Travelling speed :1m / sec
Car Travel height : 31.2 Meters (approximate)
Floor Designation : B, G, 1, 2, 3, 4, 5, R
Power rating : Compatible with the capacity of the lift as mentioned above with 180 starts per hour minimum.
Number of entrances : 1 nos.
(a) Shaft size : 2200 mm (Width) x 2900 mm (Depth),
b) Cabin size : 1000mm (Width) x 2400mm (Depth) x 2400 mm (Height) or compatible with shaft size
c) Door Size : 1000mm (Width) x 2100 mm (Height) ;Center (C2)
a) Pit Depth : 1500mm
b) Overhead Height : 4500mm
Machine Room Location : Directly above hoist way ; MR (Machine Room Type)
Power Source : 400 Volt. (+10%), 3-Phase, 50Hz.
Light mains : 230 Volt. (+10%), single-phase 50Hz.
Signal Source : 24 volt. D.C or as designed.
Operation System : Simplex

Control System : Collective selective with fully programmable microprocessor control, BMS compatible, designed for optimum, efficient & energy saving elevator operation. All controls shall always be equipped with an alarm device in machine room, control room and other suitable places as per direction of the Engineer-in-charge. Variation in speed of</td></tr>
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Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
				the lift between no load & full load conditions shall not be more than +/- 10%. The control system shall be capable of correcting any tendency to over speed or under speed, shall have safety devices to stop the car if it's running speed exceeds it's rated speed by 20%. The car stopping & leveling system shall be unaffected by external influence like variation in load, temperature and rope elongation etc. There shall be enhanced protection mechanism to address the risk of the car moving away from the landing and the requirement for protection against ascending car overspeed.The drive control system with Thyristor/ IGBTs (Integrated Gate Bipolar Transistors) controls acceleration & deceleration getting feedback from encoder and shows information & data in LED display. The controller must be manufactured as per drawing & design by the proposed Brand of Lift manufacturing company.Test certificate of the control system shall be furnished during execution of work. **Additional controls & accessories :** * Over load control with indication lamp & buzzer/indication & buzzer. * Full load control with indication. * Attendant control. * Fire man's control switch at ground floor. * 3 station, (2-way) inter-communication system between the car, machine room & other suitable place. * Door close / open button in the car. * Sensor switch in the car for light & fan. *Line flow Fan fitted on drop ceiling for sufficient air flow. * Water detection system in Lift Shaft pit **Maintenance control :** Car stop station with : * An initiation switch. * One up & down button. * One stop button **Traction Machine** : Gearless, oil free, permanent magnet synchronous motor (Class of insulation : F) which must be manufactured as per drawing & design of the lift manufacturing company. **Drive system :** Inverter operated A.C. Variable Voltage, Variable frequency (AC-VVVF) drive system with the following features: * Microprocessor based steepless controlled, electronically regulated during acceleration & deceleration with floor approach. * Electromagnet operated holding brake to

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
				be applied only after the car comes to a stand still. * The capacity of the VVVF drive shall be minimum 20% higher than the optimum full load capacity of the driven motor of the lift. * The microprocessor shall be of adequate bit data processing industrial class controller for commercial/residential/hospital/ observation lifts, with CAN bus serial Communication mode, suitable for 0.63-4.0 m/s elevator speed for synchronous / asynchronous traction motor, having analog/digital and multi speed function, load weighing compensation function, strong electromagnetic/ electrostatic anti-Interference ability. * The entire control system of the lift shall be designed and manufactured in such a way that appropriately synchronizes the whole system. * Test certificate of the drive system shall be furnished by Contractor during execution of work. **Smooth leveling** : The lift shall be provided with automatic self leveling feature to ensure automatic aligning the car with the floor landing within maximum tolerance of (+/-) 5mm under normal loading & unloading conditions. Self-leveling will be entirely automatic & independent of the operating device & shall correct the over travel, under travel & rope stretch. **Cabin floor** : Securedly fastened sheet steel sound isolated platform made of fire resistant and weather resistant sound absorbing synthetic materials that should be of as standard french classification M3, i.e. fire classification requirement cfl, s2 according to EN13501-1. **Car frame & safety** : Car body Passenger type made of entirely structural sheet steel (304/441 grade) assembly to safely support the rated load of the cabin & accessories with elastic isolators between metal parts to ensure low vibration & low noise during car travel with natural ventilation arrangement in ceiling & floor. **Car type** : Made of entirely Stainless steel 304 / 441 grade **Car body and roof** :The car body shall be of sufficient mechanical strength to resist accidental impact. The roof shall be capable

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
				of supporting two persons or minimum load of **150 kg**. The platform shall be made of sheet steel. The enclosure height shall be **2400mm** minimum below suspended ceiling. **Cabin wall** : The material shall be of standard as French Classification M2 i.e. fire classification Cs2,d1 as per requirement according to EN13501-1 & it shall be 1.5 mm thick sheet steel with 0.7mm (minimum) stainless steel sheet walls with stainless steel **etching hairline / mirror / hairline / digital print / synthetic wood /laminated wood** finish in sections having in front, rear & side walls as per manufacturer's standard design to be to be such that the door shall withstand under an applied load of 300N without permanent deformation> 1mm and without elastic deformation>15mm, Under an applied force of 1000N, all types of doors shall withstand without permanent deformation >10mm . The devices providing mechanical linkage between panels shall withstand to the force of 1000N . A mechanical device shall prevent the door panels from disengaging from their guides . **Cabin door** : Fully automatic heavy duty centre/side opening horizontal sliding door panel of stainless steel etching hairline/hairline/digital print finish to be such that the door (both landing and Car doors) shall withstand under an applied load of 300N without permanent deformation> 1mm and without elastic deformation>15mm, Under an applied force of 1000N, all types of doors shall withstand without permanent deformation >10mm . The devices providing mechanical linkage between panels shall withstand to the force of 1000N . A mechanical device shall prevent the door panels from disengaging from their guides . **Car ceiling** :Anodized metal framed with decorative stainless steel luminous ceiling by LED light of 100 Lux in normal mode at 1m above the floor and 5 Lux in emergency mode for 1 hour at 1m at the center of the car and near the emergency push buttons Synthetic glass with diffused motion sensor LED lighting / any other options selected by the Engineer in charge. **LOP & COP:** Metallic structures call button LED panel with indication system on each landing, digital car position indicators, arrival gong & direction indicators/arrows to be installed above or at the side of the

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
				landing doors at all landing & inside the car. Car Operating panel board to be installed inside the car. Manual call cancellation system should be incorporated inside lift car OPB. The center line of the hall call buttons shall be at a nominal height of 01 meter above the floor. **Other cabin features** :* 3 (Three) hand rails of smooth stainless steel of minimum 100 mm. width & 12 mm thickness or 30 mm dia round shape. * Mirror on full rear wall of car from top to hand rail. * Re-tractable both safety shoes for the full height of the door which reopens the door when it is obstructed by any object while closing. * Emergency exit with safety contact in car roof, the trap door can be opened from inside and outside the car. * A door reversal feature in case of obstruction of door *Concealed fan(s) fitted on ceiling for **adequate forced ventilation of 20 air change per hour** for Pandemic or non pandemic situation with better ventilation (suitable for tropicalised country like Bangladesh) to create comfortable environment for the passenger. a) Door : Door size, type and dimension will be as per data mentioned above b) Doorsills :Doorsills shall be extruded aluminum with anti-slip grooving with guiding slots. c) Door operation : High-speed heavy-duty ACVVVF inverter operated door operator with adjustable speed for opening and closing. Door will be driven by quiet A.C. motor connected to an inverter operated door operation system. Car and landing doors will be open and close in full synchronization being connected to each other. The landing doors will have Electro-mechanical locks. Each landing door will be provided with positive interlock operated by a coupling on the car door and shall prevent the movement of the car away from the landing unless both doors are closed and locked. The interlocks will be designed to prevent opening of the door except at the landing, at which the car is stopping or has stopped .The door closing speed shall be reduced and an audible signal notifies users of a fault or the elevator will be stopped. A mechanical device prevents the door panels

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
				from disengaging from their guides. Also shall have : * Door detection system with Curtain of Light Mechanism * Enhanced control for Lift Car Door locking system that aims to prevent the doors from being opened from inside when the car is outside the unlocking zone. *The door closing speed shall be reduced and an audible signal notifies users of a fault or the elevator will be stopped. There shall be door pressure limit sensor. *A mechanical device prevents the door panels from disengaging from their guides. *Name of the door manufacturer to be mentioned in the door. **Safety features** :Non contact electronic full height door safety sensor, power supply, **auto phase reversal correction,** friction clutch to avoid passengers to be trapped between doors. a) Emergency unlocking of door from landing for evacuation as well as for maintenance with a special key. b) Facilities for opening of door from inside the car within the landingduring power failure c) During power failure, Manual opening of doors from inside the car is possible within landing zone. d) A friction clutch to avoid passengers to be trapped between door. e) A door reversible feature in case of obstruction of door. f)In cases where installation of a safety hatch on the car roof is required, its dimension shall be of minimum clear opening 0.4mx0.5m, where the toe guard shall withstand applied force of 300N without permanent deformation>1mm and without elastic deformation>35mm. g)The brakes shall have self checking arrangement. h)Under an applied force of 1000N, the shaft walls shall withstand without permanent deformation >1mm and without elastic deformation >15mm , without permanent deformation in the case of laminated glass type walls. i) For safety of technicians, the safety refuge at top of the shaft shall be 2.0mx 0.4mx 0.5m(HxPxL) for standing, and 1.0mx0.5mx0.7m(hxPxL) for Couching. Additional authorised position in the pit shall be 0.5mx0.7mx1.0m (HxPxL) considering laying condition. Car roof itself should also have an anti slip working surface. j) Shaft lighting should provide a minimujm of 50 Lux one meter above the car roof

Sl. No.	Bidding Documents reference	Existing Entries	Amended-1 Entries	Amended-2 Entries
				vertically, 1 meter above the pit floor everywhere a person can stand, work or move between work areas and 20 lux elsewhere excluding any shadows. k) The lift machine room should have a lighting of a minimum 200 Lux. l) Emergency lighting on the car roof must be sustained at 5 lux for one hour. **Guide Rails** :Guide rails shall be continuous throughout the entire length right from the bottom of the pit floor to the top most floor served, plus additional length as may be required for smooth operation or equivalent fixing devices shall be provided which are of such design & spacing that rails shall not deflect more than 4mm under normal condition. The relevant fixing devices such as brackets, clamps etc shall be of such design & spacing that rails shall not deflect more than 4mm under normal working condition. The dimension of the guide rails (both main and counter weight guide rails) shall be as per latest version of EN-81 standards. **Suspension Rope** :Main rope shall be of bright steel wires minimum 8mm dia or as per manufacturer's design with fiber/ham core having a safety factor at least **Polyurethane coated steel belt** * The rope suspension is to be constructed to shut the lift down if one or more suspension ropes become slack. * The over Speed Governor rope shall be of bright steel wires minimum 6mm dia or as per manufacturer's design having a safety factor at least 8. **Speed governor & safety gear** :Gradual type safety gear actuated by the speed governor to be installed in the machine room above the hoist way/inside the head room in order to stop the car quickly & safely in case of exceeding 20% of designed speed during down/up both wards travel for any reasons (i.e. breakage of all suspension elements). -Suitable means will be supplied to cut off power from the motor and apply brake on application of the safety **Counter weight condition** :Car and counter weight guide rails shall be made as per International Standard and shall have working surface machined & smooth. There shall be counterweight safety gear in case of floating. **i. Buffer** :Energy absorbing oil buffer for speed more than 1m/sec, oil/spring buffer for speed less than 1m/sec shall be mounted in pit beneath the car & counter weight with suitable concrete foundation. **ii. Pre & final limit switch** :To disconnect the controller from electric power

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				supply if the car over travels higher at the top or lower at the bottom terminal landing. **Traveling cable, wiring** :Traveling cables having conductors adequate in size & number. - All electrical cables shall be fire retardant and shall go through PVC conduits in machine room & shaft. The circuit, wiring cable of the motor shall not run through any pipe used in connection with the wiring for the control and safety devices. **Automatic Rescue Device (ARD)** : Built-in Automatic Rescue Device set (ARD) set as per capacity of lift set with following specification travel height : 3.5 m to 7.0 m. Drive system : min 3 times/h and starting time after min 20 sec & max 180 sec that can be set manually. Direction : up or down which side is heavier Battery: Maintenance free Sealed Gelled / AGM battery or equivalent suitable for **minimum three rescue** operations without recharging and complete as per direction of the Engineer-in-Charge **Painting** : All exposed ferrous metal parts of machine, car, doors and other materials in the hoistway including guide rail fixation brackets (except guide rails) will have one coat of factory rust protecting paint. **Operation and Maintenance Manuals** : 4 (Four) sets of detail operation & maintenance manuals , catalogues, spare parts catalogues with part number, control wiring diagrams and soft copy etc. shall be included to the supply of lift & the language shall be in English. **Standard / conformity** : The entire lift shall be designed & manufactured as per latest version of EN-81 standards, EN-81-20, EN 81-50. The safety components, such as, progressive safety gear, door locking devices, buffers, over speed governor, car over travel protection system, door inter-locking device, pre and final limit switches of the proposed lift shall be in conformity with latest version of BNBC, BS EN-81/EN-81(Lift Directive 95/16/EC) / DIN / VDE / ANSI/ASME A17.1 / JIS standards & safety codes. Installation, testing and Commissioning of the lift shall also be in conformity with the above standards & codes. Certificates issued by internationally recognized authorities like TUV / DNV for the product(s) (At least the safety components such as, progressive safety gear,

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<tr><th>Sl. No.</th><th>Bidding Documents reference</th><th>Existing Entries</th><th>Amended-1 Entries</th><th>Amended-2 Entries</th></tr>
<tr><td></td><td></td><td></td><td></td><td>door locking devices, buffers, over speed governor, car over travel protection system, door inter-locking device, pre and final limit switches) of the manufacturer(s) as per above mentioned relevant valid regulations, codes and standards shall have to be submitted by the bidder. The above certificates shall have to be authenticated by the Chamber of Commerce / Ministry of Commerce / Foreign Ministry of the manufacturing Country. Relevant ISO certificate(s) of the manufacturer including lift ride quality measurement ISO 18738/5 shall also have to be submitted by the successful bidder.</td></tr>
<tr><td>09</td><td>Section IV - Bidding FormsANNEXURE III -RFB-PART-2: WD04 Academy Building Mechanical Works BOQ Detail Specification of Lift (Fire Lift)</td><td>Fire Lift<table><tr><th>Description of items</th><th>Quantity</th></tr><tr><td>1000 KG (upto 3-stop)</td><td>2</td></tr><tr><td>Next per stop</td><td>8</td></tr></table></td><td>-</td><td>Fire Lift<table><tr><th>Description of items</th><th>Quantity</th></tr><tr><td>1000 KG (upto 3-stop) (B,G,1)</td><td>1</td></tr><tr><td>Next per stop (2,3,4)</td><td>3</td></tr><tr><td>1000 KG (upto 3-stop) (B,G,1)</td><td>1</td></tr><tr><td>Next per stop (2,3,4,5,R)</td><td>5</td></tr></table></td></tr>
</table>

All other terms and conditions of the Bidding Documents will remain unchanged.

10.3.2026

AKM Nurul Huda Azad
Project Director
Tel: 02-55138691