



**CHURCH HOMES  
FOR THE ELDERLY**

# Tender Document

2-Stop Bed Lift (Predisposed to 3-Stops),  
Casa Leone XIII, Triq Il-Qalb Imqaddsa, San Giljan

*Date: May, 2024*



## Conditions and Instructions to Tenderers

### **Tender for the Supply, Installation and Commissioning of one (in No.) Machine Room-less (MRL) Bed Lift, at Casa Leone XIII, Triq Il-Qalb Imqaddsa, San Giljan**

- I. Tenderers shall submit their offer by filling in the attached tender documents. Tenderers shall attach any other additional information as requested in the tender or as otherwise they consider necessary to substantiate their offer.
- II. An offer shall only be considered provided that:
  - a) It is received on or before the closing date and time.
  - b) It is submitted on the prescribed form.
  - c) It is complete in all respects, including technical literature, reference list, program of works, etc...
  - d) It is duly signed by the person tendering, or in case of a limited liability company, signed by a person duly authorised to act on behalf of the company.
  - e) It is duly filled in clear print with all the information in all sections of the tender documents.
- III. Tenderers shall not retract or withdraw their offer for a period of 6 (six) months from the expiration of the tendering period. During such 6-months, tender offers shall remain binding and may be accepted at any time by the client.
- IV. A site visit shall be held for interested parties on Thursday 23<sup>rd</sup> May, 2024 between 13:00 and 14:00. Prospective tenderers will be allowed to access current lift installation and take any measurements as required.
- V. Any questions and/or clarifications shall be sent to Andre' Vassallo Grant via email ([andre.vassallo.grant@maltadiocese.org](mailto:andre.vassallo.grant@maltadiocese.org)) by not later than Thursday 30<sup>th</sup> May, 2024. All replies shall be sent by Thursday 6<sup>th</sup> June, 2024 via email to all interested tenderers who were present during the site visit and/or who provide their contact details to Andre' Vassallo Grant.
- VI. Submissions are to be made in a sealed envelope and marked 'Casa Leone XIII Lift'. They must be deposited ONLY in the tender box located on the first floor at the Archbishop's Curia, St. Calcedonius Square, Floriana FRN 1535 by not later than noon (CET) of Friday 14<sup>th</sup> June, 2024. Any submissions made after this date and time and/or by email will be automatically rejected.



- VII. The successful tenderer shall call Church Homes for the Elderly, Archbishop's Curia, St Calcedonius Square, Floriana office as requested, to sign the contract. Should the tenderer fail to attend for two consecutive times, the tenderer shall be liable to a penalty equal to 10% of the tender value. The said tenderer shall be held to have bound himself to an agreement and may be compelled to carry out the obligations arising from the acceptance of the tender under the conditions of contract and shall be subject to the penalties specified in those conditions although, a formal contract was not executed.
- VIII. Church Homes for the Elderly within the Archdiocese of Malta does neither bind itself to accept the lowest tender or any tender, nor will it be responsible or pay for expenses or losses which may be incurred by any tenderer with the preparation of its tender. Furthermore, Church Homes for the Elderly shall not give reasons for the acceptance or rejection of a particular tender.
- IX. Confirmation of acceptance of tender (or part thereof) may, in the first instance be communicated to the tenderer verbally, or by email. The formal letter of acceptance will be dispatched within a reasonable time from such confirmation.
- X. This instruction schedule forms an integral part of the tender documents and shall be presented with all other documents as detailed in the above clauses.



# CHURCH HOMES FOR THE ELDERLY

## Tenderer Details

Company Name:

\_\_\_\_\_

Representative Name:

\_\_\_\_\_

I.D. Card No.:

\_\_\_\_\_

Designation:

\_\_\_\_\_

Company Reg. No.:

\_\_\_\_\_

Date of Registration:

\_\_\_\_\_

Registered Address:

\_\_\_\_\_

\_\_\_\_\_

Telephone No.

\_\_\_\_\_

Mobile No.:

\_\_\_\_\_

E-mail Address

\_\_\_\_\_

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

Client:	Mr. Andre' Vassallo Grant Church Homes for the Elderly, Archbishop's Curia, St Calcedonius Square, Floriana FRN 1535 Mob: +356 99429775 Email: andre.vassallo.grant@maltadiocese.org
Closing Date:	Friday 14 <sup>th</sup> June, 2024 (before 12pm)
Tender Deposit Location (in Tender box)	Archdiocese of Malta (Archbishop's Curia), First Floor St Calcedonius Square, Floriana, FRN1535



**Tender Form**

1. With reference to the Tender published by Church Homes for the Elderly related to:

**Tender for the Supply, Installation and Commissioning of one (in No.) Machine Room-less (MRL) Bed Lift, at Casa Leone XIII, Triq Il-Qalb Imqaddsa, San Giljan**

and in terms of the conditions therein specified, *I/ We* \_\_\_\_\_  
\_\_\_\_\_ offer to bind *myself/ourselves* to carry out the works set out in the tender documents, in conformity with the specifications and conditions relating thereto, and for the sum of (in words) \_\_\_\_\_ Euros \_\_\_\_\_ cents, € \_\_\_\_\_ . \_\_\_\_c which sum is computed at the specified quantities and submitted rates.

2. *I/We* further offer to complete the project within \_\_\_\_\_ working weeks from order to start works.
3. *I/WE* hereby acknowledge that *I am/we are* fully aware of the contents of the aforesaid specifications and conditions of tender
4. *I/WE* undertake that this tender shall not be retracted or withdrawn for a period of SIX months from the date of expiration of the period fixed for its delivery but shall remain binding and may be accepted by client at any time during the said period of SIX months, even by verbal communication of the acceptance.
5. Should the above tender be accepted, *I / WE* undertake to provide within seven working days from the date of letter of acceptance an approved Bank Guarantee issued by a Local Bank, to the extent of ten per cent (10%) of the value of the contract.



## Specifications

*Tender for the Supply, Installation and Commissioning of one (in No.) Machine Room-less (MRL) Bed Lift, at:*

**Casa Leone XIII, Triq Il-Qalb Imqaddsa, San Giljan**

### **1.0 Scope of Works**

Works comprise for the dismantling and carting away of the existing lift, and the supply, installation, commissioning, testing, maintenance and up-keep for the duration of the defects liability period, of the lift service installation of:

- one (in No.) Machine Room-less (MRL) Bed lift

The contractor shall dismantle and discard the existing installation, and design, supply, assemble, erect, commission, and certify the lift installation as indicated in the related Drawings, Specifications and Bill of Quantities.

The successful tenderer will be expected to complete all works to a high standard of finish and bound to complete the project to the desired levels of quality and in the predetermined time schedule.



## 2.0 General Considerations

### 2.1 Standards and Regulations

The lift installation shall comply with the following Regulations and Standards, as applicable:

- EN 81-20:2014/2020 - Safety rules for the construction and installation of lifts – Lifts for the transport of persons and goods – Part 20: Passenger and goods passenger lifts
- EN 81-50:2014 - Safety rules for the construction and installation of lifts – Examinations and tests – Part 50: Design rules, calculations, examinations and tests of lift components
- EN 81-70:2018 - Safety rules for the construction and installation of lifts – Particular applications for passenger and good passengers lifts – Part 70: Accessibility to lifts for persons including persons with disability
- Lifts Regulations LN79 of 2016 as amended by LN102 of 2019
- Inspection of Lifts Regulations, 2007
- Occupational Health and Safety Authority Act, 2001
- European Council Lifts Directive 2014/33/EU
- 2014/30/EU Electromagnetic compatibility
- Enemalta Regulations

All equipment and switchgear utilised throughout the installation shall be suitable for a 400V –6% +10%, 3 phase 4-wire 50 Hz electrical supply. It shall comply with the related EU Standards.

### 2.2 Civil Works

The scope does not include any civil works. Nevertheless, it is the entire responsibility of the contractor to advise about any anomalies in the structure, modifications in the existing lift shaft, door openings, deepening of lift shaft and other considerations at tendering stage.

The scope includes for all metal structures, framework, and steel guides necessary for the safe operation of the lift.



All steel framework/bracketing shall be sprayed with twin pack epoxy resin if not galvanised, to provide a minimum of ten (10) year rust proof guarantee.

Within **10 working days** from confirmation of order, the contractor shall submit dimensioned shaft drawings, indicating all civil works necessary for the proper installation of the lifts and landing doors.

### **2.3 Testing and Commissioning**

The scope includes for the testing, commissioning and CE marking of the lifts by a notified body, as required by the Lifts Regulations, 2016 as amended in 2019. The client reserves the right to suggest its preferred notified body to issue the CE certificate.

EU declaration of conformity as stipulated within Schedule II part B of the aforesaid Lifts Regulations 2016 shall be presented.

### **2.4 Details to be submitted with Tender**

Tenderers shall submit the following information ***at tendering stage***:

- Manufacturer of Lift Equipment
- Rated power (hp) of A.C. motors
- Type of starting of A.C. motors
- Rated number of starts per hour
- Levelling accuracy of Lift
- Type testing certificates covering suspension ropes/belts
- Type testing certificates covering electromechanical interlocks on landing doors
- Rated Speed and acceleration values
- Fully dimensioned finishing layouts
- Proposed after sales maintenance agreement
- Samples of brushed stainless-steel finish, as offered
- Type testing certificates covering over-speed limitation devices
- Type testing certificates covering safety gear
- Type testing certificates covering buffers
- Type testing certificates covering electric safety devices.
- Type testing certificates covering Ascending Car Overspeed protection (ACOP)
- Type testing certificates covering Uncontrolled Car Movement (UCM)





**3.0 Technical Specifications**

**3.1 Bed Lift**

The building consists of Two (in no.) levels: Ground Level 0 and First Floor Level 1. The client would like to have the lift predisposed for another floor Level 2.

One (in no.) bed lift shall serve both levels (with the possibility of serving another floor) with inline access doors. The lift must be driven by a traction motor and be Machine Room Less.

**3.1.1 Lift-way Dimensions**

The lift-way’s internal dimensions are 2200mm (W) by 2820mm (D). Tenderers are to submit a working drawing with their offer.

**3.1.2 Lift Capacity**

The bed lift must be designed for stretcher bed access and shall have a minimum capacity of 17 passengers and a load rating of 1275kg. The lift’s minimum cabin clear internal dimensions shall be as follows:

Designation	Lift Minimum Cabin Dimensions
Bed Lift	1,200mm (W) x 2,300mm (D) x 2,300mm (H)

**3.1.3 Lift Travel**

Lift travel is approximately 4.6m.

**3.1.4 Number of Stops**

Two (in no.) stops designated: The stops are as follows:

Floor Designation	Level No.	Entrance
Ground Floor Level	Level 0	1 Entrance; Front Side
First Floor Level	Level 1	1 Entrance; Front Side
Predisposed Second Level	Level 2	1 Entrance; Front Side

**3.1.5 Lift Rated Speed and Duty**

- Travel Speed: 1.0m/s
- Lift Duty: 180 starts per hour



### **3.1.6 Lift Machine**

The machines shall be of the **Gearless A.C. permanent magnet type** with a single piece main shaft, integral drive sheave and brake disc. The main brake shall be of the Disc type with independent dual action capable of arresting the load on any single calliper.

In the event of undetected brake wear the lift must not move and thereby automatically prevent further lift operation.

An AC Closed Loop, Variable Frequency, motion control and velocity profile shall be provided. The micro-computer-based speed control system shall incorporate a digital closed loop feedback system ensuring the actual lift speed is in line with a dictated pattern during all phases of travel, namely acceleration, full running speed and deceleration. All phases of travel shall be controlled regardless of load or direction of travel. The acceleration and deceleration values shall be easily adjustable on site by qualified personnel.

Due to the clinical application of this lift, acceleration and deceleration should not exceed  $0.06\text{m/s}^2$  and jerk (rate of change of acceleration) should not exceed  $1.0\text{m/s}^3$ .

### **3.1.7 Levelling Accuracy**

Lift drive should provide a stopping accuracy of  $\pm 5$  mm under all conditions of load, direction of travel and position in the well. To compensate for rope stretch under various load conditions, an automatic re-levelling system is to be furnished to ensure the car stays within the floor-levelling zone at all times.

### **3.1.8 Mountings**

Mountings and isolating fixtures shall be provided to eliminate any transmission of noise and vibrations to the building structure.

Lift equipment shall be isolated from the building structure by means of appropriate neoprene antivibration mountings to avoid transmission of noise and vibrations.

### **3.1.9 Sill to sill Clearance**

The horizontal distance between car and landing sills shall not exceed 35mm.

### **3.1.10 Counterweight**

The counterweight shall be made from steel framed concrete blocks, guided by at least two rigid machined tee-iron sections. The fillers of the counterweight shall be securely fixed to prevent their displacement.



The travelling area of the counterweight shall be guarded by means of a rigid screen extending from a position of not more than 0.30m above the lift pit floor to a position at least 2.0m.

#### **3.1.11 Cabin Dimensions**

The Bed Lift cabin shall measure 1200mm (W) x 2300mm (D) x 2300mm (H) with either a four-panel centre door opening, measuring 1100mm (W) x 2100mm (H), or a two-panel side opening, measuring 1100mm (W) x 2100mm (H) with centre opening, being the preferred option.

#### **3.1.12 Suspension**

Rubber or polyurethane covered steel ropes of a suitable number to provide a minimum safety factor of 12 shall be provided to suspend the car. These shall be covered by original test certificate from the manufacturer.

#### **3.1.13 Compensation**

A compensation rope/chain is not required due to the short travel span but will be accepted if deemed necessary by the type of installation.

#### **3.1.14 Guiderails**

Aligned steel guides shall be machined from solid Tee iron sections. These shall be provided as guides for the cabin and for the counterweight. They shall be properly fixed to masonry wall by appropriate steel brackets and expanding steel plugs. The stem section of all guides shall be tongued and grooved to provide matched joints. Joints must be evened out to avoid vibrations to the cabin when shoes/rollers go over said joints.

Both cabin and counterweight guiderails shall be lubricated by suitable automatic lubricators.

#### **3.1.15 Safety Gear and Slack Rope Device**

Safety gear will be of the *progressive type*, mounted beneath the car, and arranged to operate in both directions of travel. It will act simultaneously on both sides of the car guides and will be operated by an overspeed governor.

If the lift design does not require a bi-directional safety gear and overspeed governor, the means of preventing ascending car overspeed must be documented in the submission.



Should the suspension ropes/belts slacken or break, a slack rope device shall stop the car and operate an electric switch to interrupt the lift motor power supply.

### **3.1.16 Buffers**

Energy accumulation *polyurethane type* buffers shall be fitted in the pit for both cabin and the counterweight.

### **3.1.17 Cabin Finishes and Lighting**

The cabin walls should be finished in anti-vandal stainless steel throughout. The same material should be used for the car operating panel (COP), car, and landing doors.

A bump rail is required on three sides of the lift car broken only in front of the COP. Where a combined handrail and bump rail is provided, the height should be sufficient to support passengers and protect the car when trolleys/beds are in use.

The cabin floor should have a watertight one-piece floor-covering that is coved and attached to the car walls. The floor covering should be slip resistant and have a surface that allows wheeled beds to be easily steered.

An electrically driven fan shall be installed in the car ceiling and should operate quietly while the lift is running and for a short time afterwards. Ventilation apertures should be via concealed slots. The said fan should be provided with backup supply in case of power failure. Said fan must be capable of a minimum of 10 air changes per hour.

Cabin ceiling should house LED lighting that provides a minimum of 100lux 1m above floor level at 100mm from any wall.

Emergency lighting in the cabin should provide a minimum intensity of 5 lux for 1 hour measured 1 m above the cabin floor.

Lighting in machinery area in the well must measure at least 200 lux.

Controls shall be mounted on a suitable full-length anti-vandal stainless-steel column. All controls, including any emergency communications device shall be mounted between 900mm and 1200mm above car floor level and at least 400mm from the front wall of the car.

The lift car shall be fitted with a means of two-way communication allowing permanent contact with a rescue service. It shall also be possible to offer two-way communication between the machine-room area (car roof) and the cabin.



### **3.1.18 Car Roof**

The lift car roof shall be equipped with a balustrade to reduce the risk of maintenance personnel falling into the shaft while working on the car roof. The following requirements shall be met:

- A toe board of 100 mm height, when the distance car and shaft wall is less than 300 mm.
- Where the distance between the inner edge of the balustrade handrail and the shaft wall is up to 500mm the balustrade must have a minimum height of 700 mm.
- Where the distance between the inner edge of the balustrade handrail and the shaft wall exceeds 500 mm the balustrade must have a minimum height of 1100 mm.

Moreover, the lift car roof shall be equipped with an emergency lighting of illumination intensity 5 lux for one hour.

For works carried on machinery at the top of the shaft, cabin clamping devices must be provided at a location that allows easy access to the upper floor landing door.

### **3.1.19 Cabin Doors**

The cabin doors shall be either of the four-panel, centre-opening type, or two-panel, side-opening, finished in brushed stainless steel.

Operation shall be automatic with telescopic opening. Minimum clear door openings shall be 1100mm (W) x 2100mm (H).

The doors shall be hung on roller hangers, with a track and guided at the bottom by non-metallic shoes sliding in a threshold groove.

### **3.1.20 Landing Doors**

The landing doors shall be either of the four-panel, centre-opening type, or two-panel, side-opening, finished in brushed stainless steel.

Operation shall be automatic, telescopic opening. Minimum clear door opening shall be that of the car doors.

Landing doors shall incorporate key locks for release of passengers in case of emergency. Landing doors shall be able to withstand a static force of 1000 N over 100cm<sup>2</sup> without permanent deformation.



### **3.1.21 Door Operator**

The door operating mechanism shall be through a **closed loop variable frequency controlled (VVVF) motor** for fast and reliable operation. It shall be complete with pressure sensitive protection devices on the door edge, in order to automatically re-open the doors in case of contact. The cabin doors shall close after a sufficient time delay. Additionally, the same door operation shall be controlled via an electric infra-red screen curtain type detector (a non-contact detection system that is designed to prevent the doors from closing if an obstruction is detected), shall be fitted between the landing and the cabin doors.

The mechanism shall ensure a tight fit closing of doors throughout the door height, both on the cabin and landing doors.

### **3.1.22 Lift Safety Systems**

The lift installation shall include the following minimum protection devices:

- Overspeed protection in both up and down directions
- Uncontrolled car movement protection with doors open
- Cabin overload protection device
- Motor overload protection
- Under-voltage, phase failure and phase reversal protection
- Voltage stabiliser and surge protected power supply
- Manual emergency evacuation device operational with and without power supply

### **3.1.23 Lift Control System**

The Control System shall be microprocessor based and utilising solid-state technology, with easily replaceable electronic cards for ease of maintenance and fault finding. Controls shall be housed in a stainless-steel cabinet enclosure.

Control system shall have smart features, allowing remote monitoring, with real time information transmission on use and status to improve preventive maintenance capabilities.

The control system for the lift shall be of the down collective type whereby lift shall operate from line of push buttons at each landing, with directional push buttons at both landings.

### **3.1.24 Controls and Indicators in the Cabin**

The lift cabin shall incorporate the following controls:

- Auditory and visual overload alarm. Should the cabin be loaded more than the contract load, the lift will stop its operation with open doors at that floor. The alarm will sound and persist until the load is reduced sufficiently.



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- Auditory and visual confirmation of call.
- Digital Cabin position indicator.
- Door re-opening push button.
- Numbered push buttons for both landings with Braille nomenclature.
- Up and Down Direction arrows.
- Emergency alarm bell and push button, with battery back-up.
- Controls shall be mounted on a suitable full-length stainless steel panel. All controls, including any emergency communications device shall be mounted between 900mm and 1200mm above the car floor and at least 400mm from the front wall of the car.

### 3.1.25 Controls and Indicators at Landings

- Hall push buttons – it shall be possible to re-open landing doors while closing by pressing these hall call buttons.
- Digital Cabin position indicator (at each landing).
- Emergency key for door opening.
- A suitable tactile indication adjacent to the lift call button to identify the relevant level.

### 3.1.26 Evacuation Systems

The lift system indicated in the drawings, shall be equipped with a mains failure automatic safety evacuation system. In case of power failure, the system shall automatically ship the cabin to the next floor, and open both cabin and landing doors. The system shall be complete with battery backup, electronic trickle charger and low battery indication.

In addition, the lift must also operate on alternative power supplied by a generator.

### 3.1.27 Electrical Wiring and Lighting

All necessary insulated wiring and trunking, together with necessary fittings and accessories shall be provided.

Lift way lighting shall be provided to facilitate repairs, servicing, and inspection. The well shall be provided with permanently installed electric lighting, giving the following intensity of illumination, even when all doors are closed. This shall consist of:

- i. Minimum 50 lux, 1,0 m above the car roof within its vertical projection at any position of the car in the well
- ii. Minimum 50 lux, 1,0 m above the pit floor everywhere a person can stand, work and/or move between the working areas.
- iii. At least 20 lux outside the locations defined in i. and ii.



- iv. Minimum 200 lux, at car roof level for machinery spaces in headroom.

Wiring shall run in surface mounted UPVC trunking and terminated in suitable enclosed bulkheads.

### **3.1.28 Pit access and Inspection Box Location**

A control station shall be located in the pit, for servicing, repairs and inspection of the under body of the car. The control station must be located near the pit's refuge space/s. There must also be a reset function outside the shaft.

The location of the ladders to access the pit must meet the requirements according to EN 81-20 & EN81-50. In addition, a pit self-rescue device must be installed to allow access through the lowest landing door from the lift well.

### **3.1.29 Design Specifications**

Relevant Standards: EN 81-20:2014 / EN81-20:2020

EN 81-50:2014 / EN81-50:2020

EN 81-70:2003/A1:2004

EN 12016:2013

Maximum Load: 1275kg

Occupancy: 17 passengers or a bed of 1000mm (W) by 2100mm (D)

Speed: 1.0m/s

Travel: 4600mm

Number of floors: 2 – Inline (predisposed to 3 floors)

Operating System: Full collective

Machinery: Gearless Motor and Machine room less configuration

### **Shaft Specifications**

Shaft Dimensions: 2200mm (W) by 2820mm (D)

Headroom: 3640mm

Pit depth: 1420mm





### **Landing and Cabin Doors**

Door Type: 4-panel centre door opening or 2-panel side opening

Door Dimensions: 1100mm (W) x 2100mm (H)

### **Cabin Specifications**

Cabin Type: Single Entrance Bed Lift

Min. Dimensions: 1200mm (W) x 2300mm (D) x 2300mm (H)

### **3.2 Quality Assurance and Serviceability Standard**

The lift manufacturer must have ISO 9001:2015 certification for the design and manufacture of lifts, together with compliance to the European Lifts Directive 2014/33/EU Annex IV (Module B) and/or Annex XI (Module H1) for Final Inspection.

The Standard of Serviceability shall not be less than 0.85 for any period of 4 consecutive weeks, and not less than 0.92 for any period of 26 consecutive weeks when calculated from the following formula:

Serviceability =  $A / A+B$  where

'A' is the Serviceable Time that is, the time in Maintenance Hours when the System is known or believed to be operating correctly and is available for use by the Contracting Authority for operational purposes. In calculating the Serviceability Time, that is 'A' in the formula, the time during which the Equipment is not available for use by the Contracting Authority as a result of events giving rise to the Exclusions and the periods required for Preventive Maintenance shall be included in 'A' and the down time is to be disregarded.

'B' is the Repair time (including time awaiting repairs) that is, the time in Maintenance Hours during which the equipment is not available for use by the Contracting Authority because it is being repaired or is awaiting repair, but shall not include lost time owing to the failure by the Contracting Authority or owing to external causes (e.g. failure of public power supply).

### **3.3 Execution of Works**

The contractor is bound to engage qualified and experienced personnel to carry out all works according to the specified Regulations, relevant Codes of Practice, and other governing bodies.

The contractor shall, within two weeks from signing of contract, provide a list of personnel and tradesmen, anticipated to be engaged on this project, for approval by the employer or



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his representative. The contractor is bound to withdraw from site any personnel as instructed by the engineer, and to introduce new personnel subject to pre-qualification procedure described above.

All works shall be subject to final testing by the Engineer in charge and by other bodies the customer may appoint to consider works as being complete. The contractor shall also test and certify the complete works and submit relevant Engineer's test certificate.

### **3.4 Personnel Safety**

The contractor shall be responsible for taking all the necessary precautions to ensure safe working conditions and practices and the safety and health of his employees and other parties on site. The contractor shall be responsible for all damage to property and injury to persons caused by his works and employees.

### **3.5 Insurance Policy**

Within seven (7) working days from award of contract, the contractor shall provide an Insurance Policy covering his personnel, his works, and Third Parties against all claims for loss or damage including employees' compensation and other benefits. The Insurance Policy shall cover for all claims as required by law with respect to the site, operations and works under consideration.

### **3.6 Subcontracting of Works**

At tendering stage, the contractor shall submit full details of any works being subcontracted or sublet to another contractor. Works shall only be transferred to third parties subject to prior request and written approval by the employer.

### **3.7 Offer Submission & Final Bill**

Tenderers are to fill the entire **Bill of Quantities**, including all the 'Rates'. Quantities specified are budgetary and may vary with the execution of works. The Final Bill will be based on the Rates being quoted at the tendering stage, and quantities as measured following satisfactory works completion.

All rates shall include for materials and labour for completion of works within the defined period. No claims for extra payment in respect to overtime or night work will be accepted.



### **3.8 Works Duration Programme**

Tenderers are asked to submit with their offer a proposed, detailed works program for the supply, installation, and commissioning of a typical lift.

This program will be used to divide works into several phases and to co-ordinate works with other contractors engaged on this project. Works progress shall be strictly adhered to this program, and the successful contractor will be bound to take all necessary action (like overtime, increase in manpower, etc.), to keep in track with the agreed time schedule.

**It is anticipated that the delivery to site of the equipment of all lifts shall be within 15 weeks from order**, with the lift being fully commissioned and handed over within six (6) months from signing of contract.

Following the issue of the **Order to Start Installation Works**, the Contractor shall be bound to install, commission, certify and hand-over installations within **six (6) months** from the date of the Order to Start Works.

Delay in completion shall be subject to liquidated damages of **ONE HUNDRED EUROS (€ 100)** per calendar day, inclusive of Sundays and Public Holidays, which penalty shall however, be limited to ten per cent (10%) of the contract value.

### **3.9 Project Drawings and Operational Instructions**

Within FIVE (5) days from signing of contract, the contractor shall present a full set of Working Drawings for prior approval by the Engineer in Charge.

The contractor is bound to maintain record drawings with the course of works. On completion, the contractor shall hand over a full set of 'As Fitted Drawings' covering all scope of the project, together with detailed operational instructions, circuit diagrams and recommended maintenance procedures.

### **3.10 Defects Liability Period**

The scope of works includes for maintaining the installations covered in these specifications for a period of twenty-four (24) months, commencing from completion and acceptance of works by the engineer in charge, as described in previous sections.

During this period, the contractor shall be responsible at his own expense for making good, within twenty-four (24) hours from being informed, of any defects arising from defective materials or workmanship directly or indirectly carried out by the contractor. Failing to abide by this clause, the customer may at his own discretion appoint Third Parties to rectify the faults and incur all expenses onto the contractors account and deducted from the contract price.



### **3.11 Duties, Levies, and Taxes**

The contractor shall be liable for the payment of all duties, levies, taxes, and other charges that may be levied by the Controller of Customs for materials imported for the execution of works. All such duties, levies, taxes are deemed to be included in the tender prices and will not be refunded.

### **3.12 Terms of Payment**

Tenderers are asked to submit proposals for the Method of Payment, which shall be discussed into further detail at the negotiation stage of the adjudication process.

The contractor shall present to the Consulting Engineer, claims for Progressive Payments detailing works completed related to Bill of Quantities item number, rate, and quantity. The consultant shall conform (or otherwise ask for modifications of the claimed progressive payment) and pass on to the client for the issue of the related payment.

### **3.13 Suspension of Works**

The contractor shall, on the written order of the Engineer, suspend the progress of the works or any part thereof for such time or times and in such manner as the Engineer may consider necessary, and shall during such suspension properly protect and secure the work so far as is necessary in the opinion of the Engineer. The contractor shall have no right to claim or recover from the Employer any additional costs involved in complying with instructions given by the Engineer in respect of this condition of tender which is intended to be applied in the following circumstances:

- a. Where necessary for the proper execution of the work or by reason of weather conditions affecting the safety or quality of the works or due to some default on the part of the Contractor, or
- b. Where necessary for the safety of the works or any part thereof, or
- c. Where the co-ordination of the various trades being carried out in respect of this same project, affecting the proper execution of the whole Project.
- d. Where, due to other operations within the premises, works must be suspended for a defined period of time.
- e. In circumstances otherwise provided for elsewhere in the conditions of contract.

### **3.14 Spare Parts Guarantee**

With their offer, tenderers are to submit a copy of guarantee from their principals for the availability of spares for a minimum period of **ten** years. An original copy of such guaranteed declaration will be attached to the contract of works.



### **3.15 Technical Literature and Samples**

Tenderers are to submit full technical literature and other information related to the offered equipment. Samples of brushed stainless steel and other finishes may be requested at adjudication stage. Failure to submit such information may lead to offer being disregarded.

### **3.16 Reference List**

Tenderers are to submit a detailed list of related similar projects undertaken in the recent years especially those related to commercial and public buildings with travel distances and duties similar to the ones hereby specified. **Failure to submit such reference list may lead to offer being disregarded.**

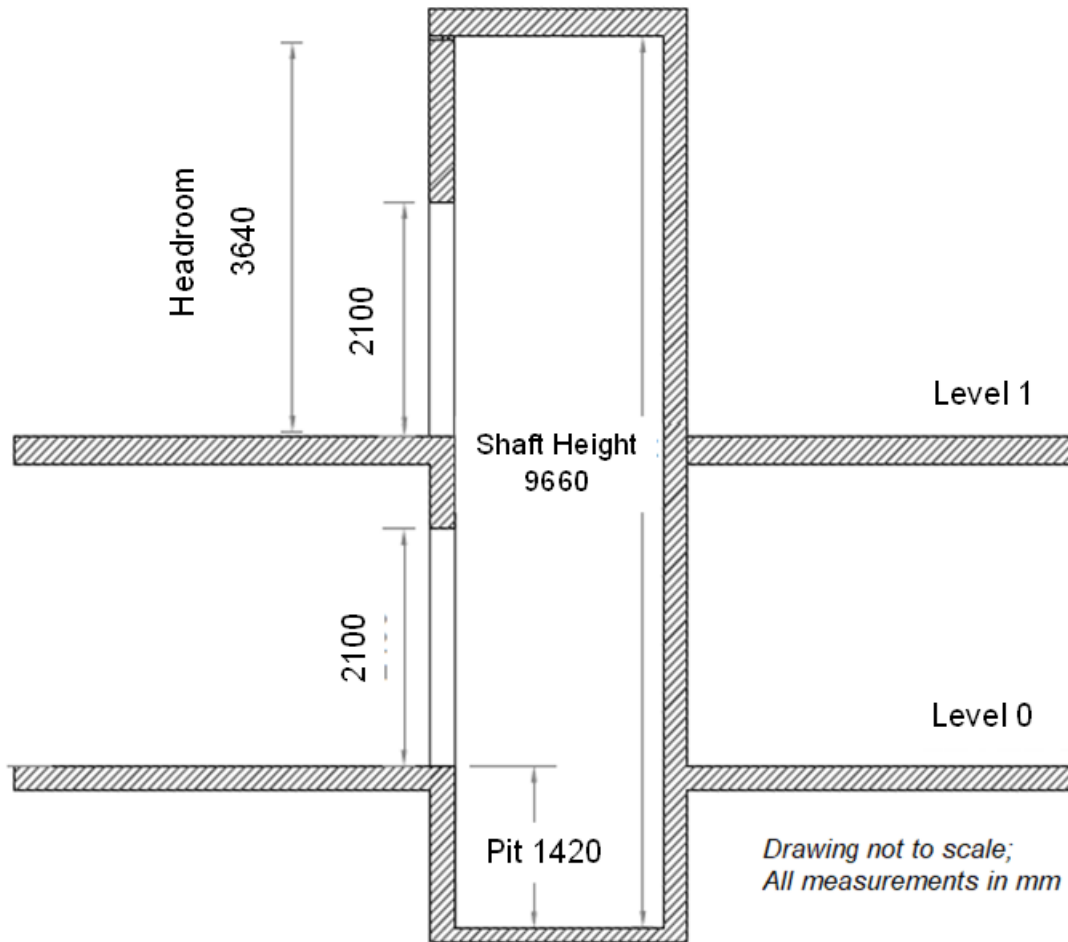
### **3.17 Maintenance Agreement**

Tenderers shall submit a proposed Full maintenance agreement to cover the Lifts installations for a period of twenty-four (24) months from commissioning. **Failure to submit such information may lead to offer being disregarded.**

The client has an option to extend this two-year contract for a further one year period.



**3.18 Drawing**





**Bill of Quantities**

Lift installation at;

**Casa Leone XIII, Triq Il-Qalb Imqaddsa, San Giljan**

<i>Item No.</i>	<i>Description</i>	<i>Qty</i>	<i>Rate Excl. VAT</i>	<i>Total Excl. VAT</i>
<b>Bed Lift Installation</b>				
1	Dissemble, cart away, and dispose of existing lift installation.			
	Design, supply, deliver to site, assemble, erect, test and commission:			
2	MRL Traction, 17 Passenger x 1275kg, Two (2) Stops (predisposed to 3 stops), 1.0m/s, Bed Lift, in a shaft, designed and complete, as specified, to complete the installation.			
3	CE Marking by a Notified Body, Declaration of conformity by Manufacturer and Installer, and MCCA Registration.			
4	Supply, install, connect and commission Autodialer and GSM connection to operate with and without mains power supply.			
			Sum Ex. VAT	
			Sum Inc. VAT	