

**MGM HOSPITAL BLDG. GROUND + 11 FLOORS ELEVATORS WITH
MACHINE ROOM**

PLOT NO. 1, SEC - 1A, CBD, BELAPUR, NAVI MUMBAI - 400614.

| Sr. No | Features & Specifications | Remark |
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| 1 | LOCATION: AS PER BUILDING PLAN / Drawing Encl. | |
| 2 | Shaft Size - Availabe 2400 (W) x 3000 (D) | |
| 3 | 24 Passangers Bed Elevators - 03 Nos. (G + 11) | |
| 4 | CAR ENTERANCE: 1200mm x 2100mm - COD / SOD | |
| 5 | CAR INSIDE DIMENSIONS: 1500 (W) x 2500 (D) x 2400 (H) | |
| 6 | Floor Designation & Heights | |
| 6.a | Ground to 1st = 3.65 Mtrs.\ | |
| 6.b | 1st to 2nd = 4.00 Mtrs. | |
| 6.c | 2nd to 3rd = 4.20 Mtrs. | |
| 6.d | 3rd to 4th = 2.50 Mtrs. (No Stop / No Opening at 3rd floor) | |
| 6.f | 4th to 5th = 4.00 Mtrs. | |
| 6.g | 5th to 6th = 4.00 Mtrs. | |
| 6.h | 6th to 7th = 3.15 Mtrs. | |
| 6.i | 7th to 8th = 3.15 Mtrs. | |
| 6.j | 8th to 9th = 3.60 Mtrs. | |
| 6.k | 9th to 10th = 3.60 Mtrs. | |
| 6.l | 10th to 11th = 3.60 Mtrs. | |
| 6.m | Overhead = 4.60 Mtrs. | |
| 6.n | No. of Stops / Openings = 11/11 | |
| | Total Travel = 43.05 Mtrs. (May Need Compensating Chain) | |
| 7 | CAR CONSTRUCTIO, DOORS AND DOORFRAMES: ALL IN 1.5MM THICK SS 304 prime grade Silver finish, Scratch proof, Mild corrossion resistant with minimum PR Value of 17. (May opt for combination of Hairline finish with other finishes of SS, Sugest options in 1.5mm thick sheets.) Cars will have 2 Level SS protections bands (Bumpers) of adequate width on Three sides matching with interior of the Car. Car Ceiling will be matching the interior of the Car fitted with Ceiling fan for uniform Circullation of air covering entire area of Car. | |

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| 8 | ONE HOUR INVERTER, EMERGENCY LIGHT TO BE CONNECTED TO INVERTER. | |
| 9 | FULL HEIGHT INFRARED CURTAIN WITH MINIMUM 212 Rays OR ABOVE | |
| 10 | PHASE REVERSAL RELAY FOR AUTO CORRECTION OF PHASES WITHOUT STALLING THE LIFT. | |
| 11 | ELCB or RCD's B Grade | |
| 12 | OIL TRAPPING CUPS IN PIT OF SUFFICIENT CAPACITY | |
| 13 | AUDIO VISUAL ARRIVAL COLORED GONGS WITH CHIME. | |
| 14 | AUTO FAN CUT-OFF SWITCH. | |
| 15 | TWO HOUR FIRE RATED LANDING DOORS. | |
| 16 | PIT LADDER FOR EASY ACCESS TO PIT | |
| 17 | ARD WITH ADEQUATE BATTERY BACK UP TO HANDLE 5-6 POWER SHUT DOWNS IN 24 HOURS | |
| 18 | OVERLOAD INDICATOR with announcements. | |
| 19 | FLOOR ANNOUNCING WITH MP3. | |
| 20 | SCAFFOLDING. | |
| 21 | ALL STEEL MATERIAL LIKE I BEAMS, ETC IF REQUIRED CHANNELS | |
| 22 | AUTO ATTENDANT SWITCH ON COP. | |
| 23 | FULL HEIGHT COP IN CAR – 02 Nos. | |
| 24 | FLOOR INDICATOR ABOVE CAR DOOR IN ADDITION TO ON COP. TFT SCREENS INTEGRATED WITH COP COMPATIBLE FOR LOADING VIDEOS. | |
| 25 | 20/25mm RECESS FOR FIXING GRANITE. | |
| 26 | INSTALLATION TOLERANT TO: | |
| 27 | A. 50 DEGREES CELSIUS AMBIANT TEMPERATURE | |
| 28 | B. 100 % HUMIDITY | |
| 29 | A. MECHANICAL PROTECTION AGAINST EARTH QUAKE (NAVI MUMBAI IS IN SEISMIC ZONE II. (UPPER 4 TO 6 BRACKETS AT HALF THE DISTANCE BETWEEN 2 BRACKETS INSTALLED AT THE LOWER LEVEL.) | |
| 30 | MACHINED GUIDE RAILS WITH TONGUE AND GROOVE. 1) 16 MM FOR BOTH CAR & COUNTER WEIGHT. MAKE OF GUIDE RAIL WILL BE "SAVERA" OR EQUIVALENT BUT NOT CHINA MAKE. | |
| 31 | CI FILLER WEIGHTS. | |

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| 32 | Hydraulic Buffers with Liberal stroke to ensure safety of passangers incause of buffering.\ | |
| 33 | GEARLESS MOTOR WITH FOLLOWING PARAMETERS: HEAVY DUTY CONFORMING TO GLOBAL IE Standerds SUITABLE FOR 180 STARTS /HOUR. INGRESS PROTECTION: IP40 or ABOVE. | A). B) C). |
| 34 | STATIC LOAD: 17 Passenger, 3000 Kgs. 26 Passenger, 5500 Kgs. | a) 10 – b) 20 – |
| 35 | INSULATION: F CLASS. | |
| 36 | THERMALPROTECTION AGAINST OVER HEATING. | |
| 37 | EXTERNAL BATTERY OPERATED RESCUE DEVICE AS BACK UP TO ARD | |
| 38 | TRACTIO 2:1 SINGLE WRAP. | |
| 39 | OUT OF THREE ELEVAOTRS, TWO ELEVATORS WILL BE IN DUPLEX AND ONE ELEVATOR IN SIMPLEX. THE CONTROLER WILL BE 8/16 BIT SERIAL COMMUNICATION CONTROLLER WITH CLOSE LOOP / Regenerative Power CIRCUIT, POTENTIAL FREE CONTACTS, CALL ANCELLATION, BYPASS FUNCTION TO TAKE LIFT TO DESIRED FLOOR DIRECTLY IN EMERGENCY, SUITABLE FOR OPERATION ON 415 V+/- 10%.alternatively canbus based controlllers can also be offered. NOTE - TRAVELLING CABLES WILL HAVE 25% EXTRA CORES OF THE REQUIRED USABLE CORES FOR CONTROL SYSTEM AND LOGICS. | |
| 40 | V3F DRIVE TO BE OF REPUTED MAKE WITH OVERLOAD SUSTAINANCE CAPACITY OF 200% FOR 1 SECOND OR 150% FOR 60 SECONDS HAVING LIFE OF 15 YEARS (WILL BE REPLACED FREE OF COST IF BECOMES FAULTY BEFORE 15 YEARS). | |
| 41 | DIGITAL (LCD) INDICATORS WITH TFT SCREENS IN CAR AS EXPLAINED IN POINT NO. 24 | |
| 42 | CAR CEILING MATCHING WITH CAR INTERIOR WITH ADEQUATE NO. OF LED LIGHTS | |
| 43 | DC OR V3F DOOR DRIVE SUITABLE FOR MID RISE BUILDINGS UP TO 15 FLOORS. | |
| 44 | A PROGRESSIVE SAFETY GEAR. | |
| 45 | USHA MARTIN ROPES FOR LIFT DUTY (SELEY CONSTRUCTION OR BELT DRIVE WITH UPDATED TECHNOLOGY. | |

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| 46 | COMPLIANCE TO BE 14665/17900 AND BOMBAY LIFT ACT AMENDED TILL DATE. | |
| 47 | 18 MONTHS WARRANTY. | |
| 48 | 24 MONTHS FREE MAINTENANCE PERIOD | |
| 49 | PAID MAINTENANCE -: 1) ON EXPIRY OF FREE MAINTENANCE PERIOD OF 24 CALENDER MONTHS, ALL INCLUSIVE CONTRACT (THIRD YEAR) SHALL BE AT 4% OF GROSS CAPITAL COST OF EACH LIFT + GST 2) 4TH YEAR : SAME AS THIRD YEAR 3) 5TH YEAR : SAME AS FOURTH YEAR 4) 6TH YEAR : 3% INCREASED IN MAINTENANCE CHARGES OF 5TH YEAR + GST. 5) 7TH YEAR : SAME AS SIXTH YEAR. NOTE - THE SELECTED VENDOR WILL SUBMIT FORMAT FOR ALL INCLUSIVE CONTRACT FOR APPROVAL OF BUYER BEFORE PLACEMENT OF LOI. | |
| 50 | INSPECTION OF LIFT MATERIAL AT MANUFACTURING PLACE BEFORE SHIPMENT; TEST CERTIFICATES FOR MAJOR PARTS COMPONENTS AND EQUIPMENTS INCLUDING SS SHEETS TO BE FURNISHED AT THE TIME OF INSPECTION IN MANUFACTURING FACILITY .LODGING/BOARDING, PICKUPS/DROPS TO BE ARRANGED BY VENDER FOR TWO PERSONS AT MANUFACTURING PLACE. TRAVEL WILL BE ARRANGED BY BUYER. | |
| 51 | A. ALL DIRECT/INDIRECT EXPENSES IN OBTAINING ERECTION PERMISSION, LIFT LICENSES TO BE BORNE BY VENDOR. | |
| 52 | IOT (WEB) BASED BRAKEDOWN (CALL BACK SYSTEM.) | |
| 53 | LIFTS SHALL BE HANDED OVER WITH 1) LIFT LICENCE 2) ELECTRICAL CIRCUIT DIAGRAM, 3) OPERATION/MAINTENANCE MANNUALSAND 4) FINAL INSPECTION REPORT AS PRESCRIBED BY BUYER. FORMAT WILL BE GIVEN TO SUCCESSFULL VENDOR. | |
| 54 | If any dispute arising during execution of project, will be settled initially by mutual discussion. If not settled shall be referred to arbitration under latest arbitration act 1996. Place of arbitration shall be Navi Mumbai. | |
| 55 | ADDRESS AND CONTACT NOS OF YOUR SERVICE CENTER IN NAVI MUMBAI: 1. | |

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| 56 | 3 WAY INTERCOM WITH INSTRUMENTS | |
| 57 | PROVISION FOR CCTV CAMERA | |

NOTE -

1) YOUR OFFER WILL INCLUDE DISMENTLING COST FOR EXISTING 02 NOS. G + 7 MITSUBISHI ELEVATORS.

2) Vendors will indicate seperately " BUYBACK " VALUE FOR EXISTING G + 7 DISMENTLED / TO BE DISMENTLED MITSUBISHI 02 NOS. ELEVATORS.

**SHORT SPECIFICATIONS OF EXISTING G + 7 02 NOS. MITSUBISHI ELEVATORS :
AS PER ENCLOSE ANNEXURES 1.**