O/o. the Principal Chief Conservator of
Forests & Director,
Advanced Institute for Wildlife Conservation,
(Research, Training & Education),
Vandalur, Chennai – 600 048.
Date: 27 .09.2023

Thiru.M.G.GANESAN,
Deputy Director (Technical),

NOTICE CALLING SEALED QUOTATION

For and on behalf of the Governor of Tamil Nadu, The Deputy Director, Advanced Institute for Wildlife Conservation, (Research, Training & Education) Vandalur, Chennai – 600 048 invites sealed quotations from the manufacturers / distributers / authorized dealers / Contractors for the following description.

Sl. No	Description of the work	Unit	Rate offered in figure	Rate offered in words
for Providing Elevator to Director Office Building at Advanced Institute for Wildlife Conservation (Research, Training & Education),Vandalur during 2023 - 2024 – Regarding.				
1	*MRL - 408 Kg, 6 PAX, 1 MPS, 3 s/o, Cabin, Car & landing doors in SS hairline finish, with small vision panel (SS2) Front entry only at all floors*	*1*		
2	*Civil works, Electrical works, Earthing, Scaffolding*	*1*		
3	*Lift License (Necessary docs. To be submitted)*	*1*		

Specifications of the Elevator

LIFT/AN/SAC/		26.6.2023
APPENDIX I		
TECHNICAL SPECIFICATIONS		
1.01	UNITS	1 NO.
1.02	CAPACITY	408 Kg
1.03	NO OF PAX	**6 PASSENGER**
1.04	SPEED	**1 MPS**
1.05	NO OF STOPS / OPENINGS	3 STOPS /3 OPENINGS, (FRONT ENTRY AT ALL FLOOR)
1.06	SERVICE FLOORS	G,1,2
1.07	TRAVEL(M)	6 M (Approx)
1.08	HOISTWAY SIZE **[AVAILABLE]**	**1600 MM (W) X 1900 MM (D)**
1.09	HOISTWAY LAYOUT	INDEPENDENT SHAFT
1.10	MACHINE LOCATION	**MACHINE ROOM LESS**
1.11	CONTROL	MICROPROCESSOR BASED ACVVVF
1.12	OPERATION	SIMPLEX FULL COLLECTIVE OPERATION
1.13	PIT DEPTH **[AVAILABLE]**	1500 MM
1.14	OVERHEAD **[AVAILABLE]**	4500 MM (MEASURED FROM FINISHED FLOOR LEVEL OF THE TOP MOST FLOOR SERVED BY THE LIFT TO THE UNDER SIDE OF THE HOIST WAY ROOF SLAB)
2.0:CABIN DETAILS & FINISHES :		
2.01	CLEAR CABIN INTERNAL SIZE	**1000 MM (W) x 1200 MM (D) OR EQUIVALENT TO SITE CONDITION**
2.02	CAR HEIGHT : FINISHED CAR FLOOR TO UNDERSIDE OF FALSE CEILING	2200 MM
2.03	CAR ENCLOSURE:	SS HAIRLINE FINISH
2.04	CAR DOOR SIZE,TYPE & FINISH	**800 MM W x 2000 MM AUTOMATIC SIDE OPENING DOORS IN SS HAIRLINE FINISH WITH SMALL VISION PANEL (SS2)**
2.05	LANDING DOOR SIZE, TYPE & FINISH ON LOBBY FLOOR	
2.06	LANDING DOOR SIZE, TYPE & FINISH ON ALL OTHER FLOORS	
2.07	LANDING ENTRANCE FRAME FINISH ON ALL FLOORS	NARROW JAMB IN SS HAIRLINE FINISH
2.08	CAR & LANDING SILL	ALUMINIUM
2.09	DOOR PROTECTION	MULTI BEAM DOOR SENSORS - INFRA RED SCREEN OF MINIMUM 75 BEAMS. THE LOWEST BEAM SHALL BE AT 25 MM ABOVE THE FLOOR LEVEL AND THE HIGHEST BEAM SHALL BE AT 1823 MM.
2.10	FLOORING	PVC FLOORING OR 20MM RECESS
2.11	CAR LIGHTING	DIRECT WITH LED LIGHTS
2.12	HAND RAIL	ROUND TYPE - STAINLESS STEEL HAIRLINE FINISH ON REAR SIDE PROVIDED
2.13	MIRROR	1 NO. PROVIDED
3.0:EQUIPMENT SPECIFICATION :		
3.01	TRACTION MACHINE	**GEARLESS**
3.02	ROPING TYPE	**2:1**
3.03	DRIVE MOTOR CONTROLLER	MICRO PROCESSOR BASED ACVVVF
3.04	TYPE OF HOIST MOTOR	ACVVVF
3.05	BRAKE SYSTEM	ELECTRO MECHANICAL BRAKE
3.06	TYPE OF GROUP OPERATION	SIMPLEX FULL COLLECTIVE OPERATION
3.07	DOOR MOTOR TYPE & CONTROL	ACVVVF
3.08	COUNTER WEIGHTS	FILLER WEIGHTS
3.09	CAR RAILS /CWT RAILS	MACHINED T SECTIONS
3.10	TYPE OF GUIDE	SLIDING TYPE GUIDE SHOES
4.0:SAFETY FEATURES:		
4.01	CAR SAFETY	FLEXIBLE GLIDE CLAMP TYPE
4.02	LANDING DOOR LOCK	ELECTRO MECHANICAL
4.03	EMERGENCY BRAKE RELEASE	PROVIDED
4.04	OVER SPEED PROTECTION	OVER SPEED GOVERNOR
4.05	SAFETY BUFFERS IN PIT	SPRING BUFFER
4.06	PROVISION FOR EMERGENCY OPENING OF LANDING DOOR AT EACH FLOOR	PROVIDED

5.0:INDICATORS ,SIGNAL FEATURES & OPERATING DEVICES		
5.01	CAR	
a	NO. OF CAR OPERATING PANELS	ONE HALF HT COP IN CAR ON THE SIDE WALL
b	FINISH OF FACE PLATE (COP)	STAINLESS STEEL HAIRLINE FINISH
c	THICKNESS OF FACE PLATE (COP)	1.2 MM THICK
d	BUTTON TYPE MICRO MOTION CLICK TYPE	STAINLESS STEEL BUTTONS
e	ILLUMINATION	INDIRECT LIGHTING
f	FALSE CEILING	AS PER ACTUAL
g	ATTENDANT OPERATION WITH KEY SWITCH	PROVIDED
h	FAN CONTROL	PROVIDED
i	PRESS & SPEAK TWO WAY, BUILT IN INTERCOM	PROVIDED
j	CAPACITY PLATE & EMERGENCY DISPLAY	PROVIDED
k	DISPLAY UNIT IN THE CAR	AS PER ACTUAL
5.02	HALL CALL BUTTONS TYPE	SS BUTTONS WITH SS FACE PLATE
5.03	HALL POSITION INDICATION IN MAIN LOBBY / UPPER FLOORS	AS PER ACTUAL
5.04	NUMBER OF RISERS	ONE RISER PER LIFT PER FLOOR
5.05	EMERGENCY LIGHT WITH 30 MINUTES BACK AND Ni-Cd BATTERIES	PROVIDED
5.06	EMERGENCY ALARM CAN BE OPERATED BY PRESSING A BUTTONIN THE CAR. POWER SUPPLY IS OBTAINED FROM Ni-Cd BATTERIES.	PROVIDED
6.0 OPERATING FEATURES		
1	Variable voltage variable frequency (AC-VVVF) Accurately adjust motor speed to make the speed curve for starting, running, and stopping smooth inturn the comfort canbe obtained	PROVIDED
2	Full collective operation (FCO) Registered car and hall calls are answered in the order in which the landings are reached.The direction of travel is established bythe first registered car command or hall call.	PROVIDED
3	Emergency car lighting(ECL) When power fails, emergency light in the car will turn onautomatically	PROVIDED
4	Emergency Alarm bell (EAB) Emergency alarm can be opertaed by pressing a button in thecar, power supply id obtained from Ni-Cd batteries.	PROVIDED
5	Emergency Intercom system (EIS) A system which allows communication between passengersinside a car and the building personnel.	PROVIDED
6	Accord Emergency Rescue Device (AERD) This device is used for rescue operatlon in case of power shut down, it is powered by a rechargable battery when a sudden power cut happens, a sound signal will comfort the trapped passengers, then the car will move towards to the near floor, keep the door open, meanwhile trapped passengers can get out of the car.	PROVIDED
7	Firemens emergency operation (FEO) During a fire when the fireman 's switch is activated the car callof car and Hall calls are cancelled and the car immediately returns to a pre determined floor. The car then responds only tocar calls which facilitates fire fighting and rescue operations.	PROVIDED
8	Multi Beam Door sensor (MBDS) Multiple infrared-light beams cover the full height of the doors as they close to detect passengers of objects.	PROVIDED
9	Door Reopen with Hall Call Button operation (DROB) Closing doors can be reopened by pressing the hall button corresponding to the travel direction of the car.	PROVIDED

10	Door open button with light (DOBL) The door open buton in the car operating panel permits to open an automatic door, and to keep it open by constant pressure.The door open button in the car operating panel will be highlighted when the buttons are pressed.	PROVIDED
11	Door close button light (DCBL) The door close buton in the car operating panel permits to close an automatic door, and to keep it close by constant pressure.Door close button in the car operating panel will be highlighted when the buttons are pressed.	PROVIDED
12	Force Door closing (FDC) Should an obstacle prevent the doors closing, the doors will repeatedly open and close until the object is removed.	PROVIDED
13	Over speed protection (OSP) When down speed is more than the rated speed, this device will cut the power off automatically to stop the motor and car / if the car continues at an over speed in down direction, the safety device will be actuated to force the car to stop	PROVIDED
14	Manual Rescue Operation (MRO) In the event the elevator is stuck in between floors, a brake release device has been provided to open the brakes and allow the car to move in a controlled manner and bring it to level.	PROVIDED
15	Main Floor Parking (MFP) An available car always parks on the main floor with the doors open to reduce the passenger waiting time.	PROVIDED
16	Automatic Fan Off (AFO) If there are no calls for a specified period the car ventilation fan will automatically be turned off to conserve energy.	PROVIDED
17	Automatic Light Off (ALO) If there are no calls for a specified period the car lighting will automatically be turned off to conserve energy.	PROVIDED
18	Attendant Service (ATS) The attendant Operation feature allows semi-automatic operation with manual control allowing smooth boarding of passengers	PROVIDED
19	Non stop (NS) By actuating a key switch, all hall calls will not be registered and the car moves directly to the destination floor.	PROVIDED
20	VOICE ANNOUNCIATOR WITH MUSIC	PROVIDED

Conditions

(i) The rates including all taxes and transporting charges to site at Advanced Institute for Wildlife Conservation (Research, Training & Education), Vandalur should be quoted.

(ii) The validity of the quotations should not be less than 30 days.

(iii) EMD @1%of the value of the Goods/services is to enclosed along with sealed quotation in the shape of NSC/IVP/KVP/DD/pay order of schedule bank obtained in favour of the Deputy Director, Advanced Institute for Wildlife Conservation (Research, Training & Education), Vandalur Chennai. No other mode of payments (i.e.) cash or bank guarantee will not be accepted. Sealed quotation received without EMD a foresaid on or after the due date will summarily be rejected.

(iv) No advance payment will be made.

(v) The payment will be made by crossed cheque after satisfactory supply and erection of materials.

(vi) Sealed quotation should reach this office before 3.30 PM on or before **05.10.2023** addressed to the Deputy Director, Advanced Institute for Wildlife Conservation (Research, Training & Education), Vandalur Chennai – 600 048. Postal delay won't be taken into account and will be opened at 04.00 PM by the Deputy Director in the presence of the suppliers.

(vii) The name of the work should be mentioned on the top of the sealed cover.

(viii) The income Tax @ 2% of the value of goods/services and GST @ 2% above 2.50 lakhs of the value of goods/services will be deducted from the bill.

(ix) The supplier should have a minimum 3 years previous work experience in installing the Elevator. Priority shall be given to the supplier who has done Government projects. Suppliers are instructed to enclose the copy of work order issued to your firm for the above purpose.

(x) Security deposit 2% of the quoted value need to be submitted by successful bidder within 3 days from the issue of letter of acceptance. Based on the above, agreement and work order will be issued to the above bidder for the above purpose.

The Deputy Director, Advanced Institute for Wildlife Conservation (Research, Training & Education), Vandalur reserves all rights to accept or reject any quotations and also to drop the proposal of calling for any further quotations without quoting any valid reason.

Encl: As above

Sd/-M.G.Ganesan,
Deputy Director,
Advanced Institute for Wildlife
Conservation (Research, Training &
Education), Vandalur

C. No.3532/2023/D dated: 27 .09.2023

To
The Manufacturers / Suppliers

Copy submitted to the Principal Chief Conservator of Forests and Director, AIWC, Vandalur.

Copy to Range Officer, Advanced Institute for Wildlife Conservation (Research, Training & Education), Vandalur / Copy to Notice Board

//t.c.b.o.//

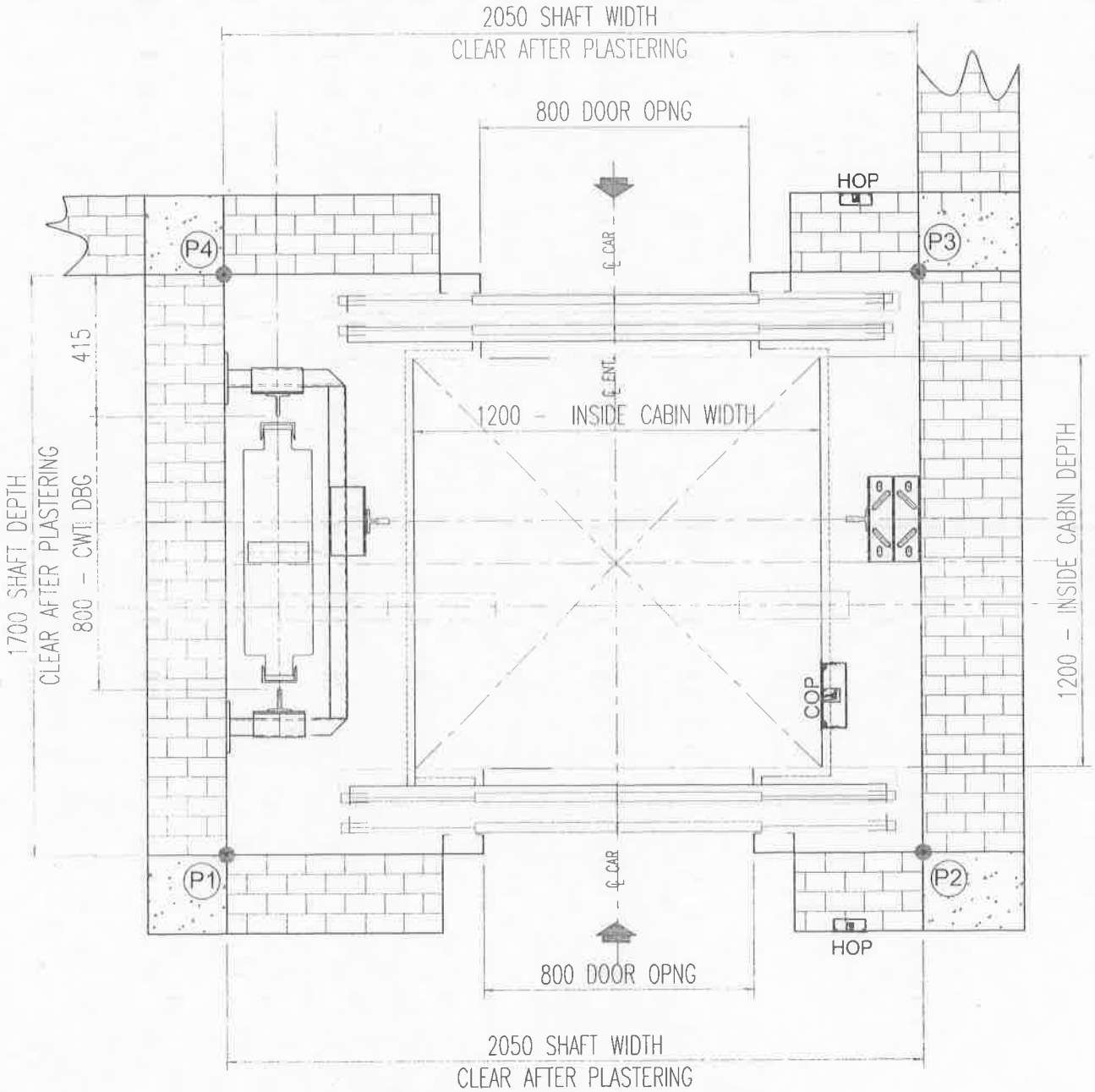
for Superintendent 27/9/23

CLIENT : Mr.PERUMAL

PROJECT @ VANDALUR

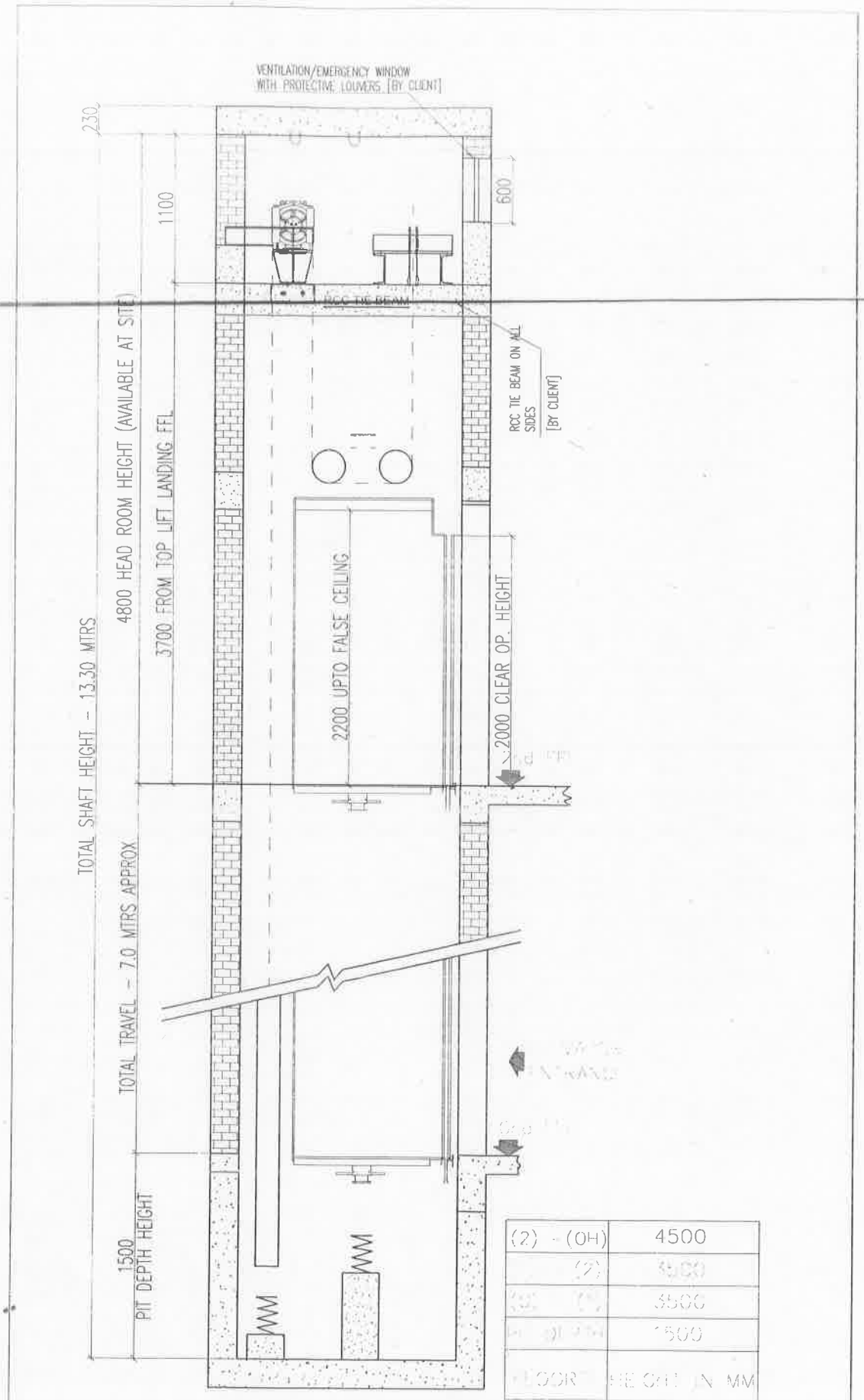
CAPACITY - 8PASS

REAR OPENINGS AT Gnd ,1st & 2nd FLOORS



FRONT OPENINGS AT Grnd FLOOR

LIFT SHAFT & PLAN OF CABIN

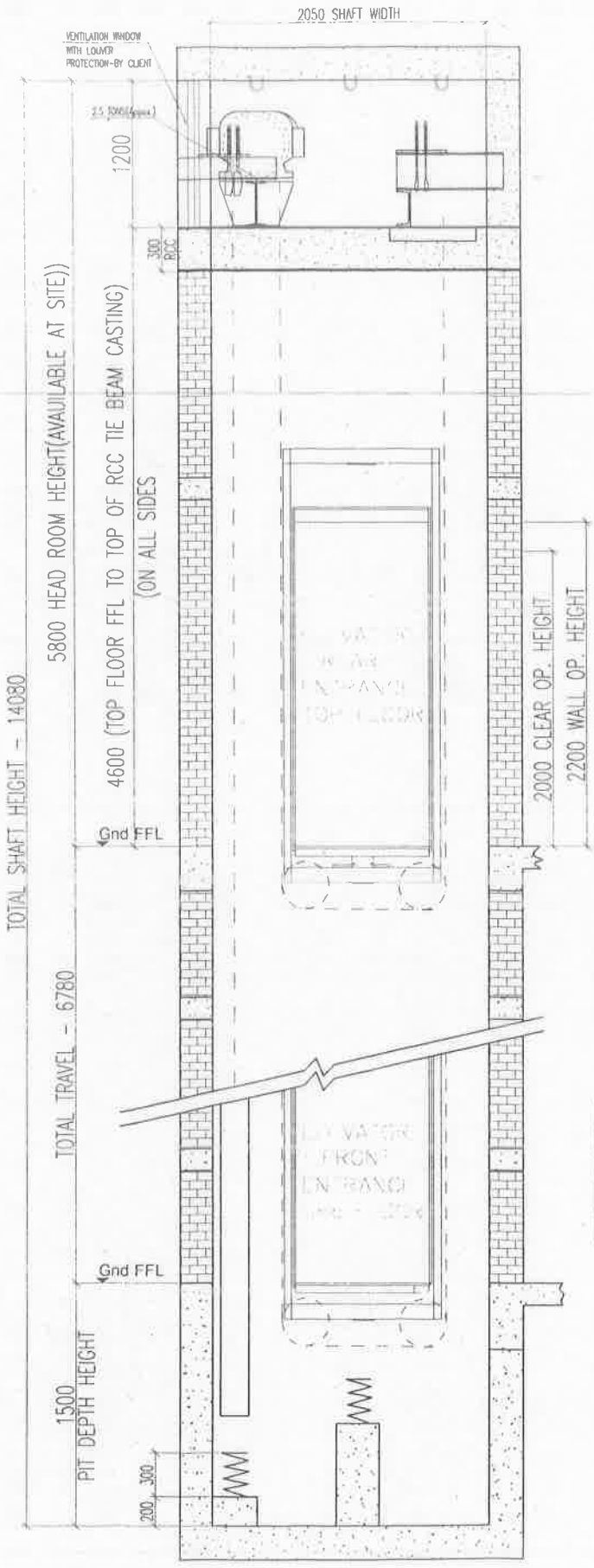


SECTIONAL ELEVATION

CAPACITY - 8PASS

CLIENT : Mr PERUMAL

PROJECT @ VANDALUR



OVH ROOM	5800
(1) (2)	3380
(G) - (1)	3400
PIT DEPTH	1500
FLOOR	HEIGHT IN MM

ELEVATION