



Republic of the Philippines  
Eulogio "Amang" Rodriguez  
Institute of Science and Technology  
Nagtahan, Sampaloc, Manila

December 28, 2022

**INVITATION TO BID**  
**2022-BID-021 APR No. 12-152**

The Eulogio "Amang" Rodriguez Institute of Science and Technology through the Bids and Awards Committee (BAC) invites Philgeps **registered contractors/suppliers** to bid for the hereunder projects:

Name of Projects : **EARLY PROCUREMENT OF THE "PROVISION OF ELEVATOR AT THE CEFA BUILDING WITH CONNECTING ELEVATOR LOBBY PLATFORMS"**

Approved Budget for the Contract : **P7,202,950.13**

Source of Funding :

Delivery Period : **120 Days**

Prospective bidders should have completed a similar contract with a value of at least 50% of the approved budget. The BAC will use non-discretionary pass/fail criteria in the Eligibility Check/Screening as well as the Preliminary Examination of Bids. Post-qualification of the **lowest calculated bid** shall be conducted.

All particulars relative to Eligibility Statement and Screening, Bid Security, Performance Security, Pre-Bidding Conference, Evaluation of Bids, Post-Qualification and Award of Contract shall be governed by the pertinent provisions of R.A. 9184 and its Implementing Rules and Regulation (Revised).

The schedule of activities is as follows:

<b>Activities</b>	<b>Schedule</b>
1. Advertisement	December 29 – January 05, 2023
2. Issuance of Bid documents	December 29 – January 16, 2023
3. Pre-Bid Conference	January 04, 2023, 01:00 PM, Wednesday, BAC Office
4. Submission & Opening of Bids	January 24, 2023, 01:00 PM, Tuesday, BAC Office
5. Bid Evaluation/Post Qualification	Prescribed period of Action base on R.A. 9184
6. Issuance of Notice of Award	
7. Contract preparation/Signing/Approval of Contract	
8. Issuance of Notice to Proceed	

The bid documents will be available at the BAC Secretariat starting December 29, 2022, from 8:00am to 5:00pm upon payment of non-refundable fee of P10,000.00. Interested bidders are advised to include name of company in the document request list of PhilGeps posting as needed for the posting of award notice in the PHILGEPS.

Bidders shall submit their duly accomplished and tagged (1) Eligibility Requirements & Technical Proposal (2) Financial Proposal in **3 sets - hardcopy** (1 original & 2 duplicate) and **1 set of soft/scanned copy-saved in flash disk** to the BAC Secretariat, EARIST, Nagtahan, Sampaloc, Manila. **Deadline of submission of bids shall be on January 24, 2023 at 01:00 PM.** Opening of bids will be at the BAC Office, 2<sup>nd</sup> Flr. Old Special Science Building. **Late Bids shall not be accepted.**

All bids must be accompanied by a Bid Security in the form of Cash, Certified Check, Cashier's Check, and Manager's Check, Bank Draft/Guarantee and Irrevocable Letter of Credit in the amount of Two Percent (2%), Surety Bond in the amount of Five Percent (5%) of the Approved Budget or Bid Securing Declaration (BSD).

EARIST reserves the right to reject any or all bids without offering any reasons, waive any formality or defects and to make an award to the proposal most advantageous to EARIST. EARIST neither assumes any obligation for whatsoever losses that the bidders may incur in the preparation of their bids nor guarantees that an award will be made.

Approved:

  
Dr. GRANT B. CORNELL  
BAC CHAIRMAN

Further inquiries please call the BAC CHAIRMAN at Tel. No.82439467 loc. 104



# PhilGEPS

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## Bid Notice Abstract

### Invitation to Bid (ITB)

**Reference Number** 9382925  
**Procuring Entity** EULOGIO "AMANG" RODRIGUEZ INSTITUTE OF SCIENCE AND TECH.  
**Title** EARLY PROCUREMENT OF THE "PROVISION OF ELEVATOR AT THE CEAFA BUILDING WITH CONNECTING ELEVATOR LOBBY PLATFORMS"  
**Area of Delivery** Metro Manila

<b>Solicitation Number:</b> EARIST-2022-BID-021	<b>Status</b>	<b>Pending</b>
<b>Trade Agreement:</b> Implementing Rules and Regulations	<b>Associated Components</b>	3
<b>Procurement Mode:</b> Public Bidding	<b>Bid Supplements</b>	0
<b>Classification:</b> Civil Works	<b>Document Request List</b>	0
<b>Category:</b> Construction Projects	<b>Date Published</b>	29/12/2022
<b>Approved Budget for the Contract:</b> PHP 7,202,950.13	<b>Last Updated / Time</b>	28/12/2022 16:11 PM
<b>Delivery Period:</b> 120 Day/s	<b>Closing Date / Time</b>	05/01/2023 01:00 AM
<b>Client Agency:</b>		
<b>Contact Person:</b> Bernadette P. Catalan AO IV Nagtahan, Sampaloc Manila Metro Manila Philippines 1008 63-8-2439467 Ext.129 bernakultzki@yahoo.com		

#### Description

PLEASE SEE ATTACHED INVITATION TO BID (ITB) FOR THE SCOPE OF WORKS, BILL OF QUANTITIES AND PLAN

#### Pre-bid Conference

Date	Time	Venue
04/01/2023	1:00:00 PM	BAC Office, 2nd Floor. Old Special Science Bldg.

#### Other Information

FOR FURTHER INFORMATION PLEASE CONTACT BAC CHAIRMAN TEL NO. 8243-9467 LOC. 104

**Created by** Bernadette P. Catalan

**Date Created** 28/12/2022

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Republic of the Philippines  
**EULOGIO "AMANG" RODRIGUEZ**  
**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
 Nagtahan, Sampaloc, Manila

**PROJECT TITLE**            **PROVISION OF ELEVATOR AT THE CEFAA BUILDING WITH CONNECTING ELEVATOR LOBBY PLATFORMS**

**PROPONENT**  
**Name of Institution**        Eulogio "Amang" Rodriguez Institute of Science and Technology (EARIST)

**Postal Address**            Nagtahan, Sampaloc, Manila

**Contact Person**            Editha V. Pillo, Ed.D.  
    College President  
    Tel. No. 230-2216

**TOTAL PROJECT COST**        Php 7,202,950.13

**PROJECT DURATION**        120 Days

#### I. PROJECT DESCRIPTION

##### Rationale/Background

The Eulogio "Amang" Rodriguez Institute of Science and Technology is home to around 20,000 students in both graduate and undergraduate programs. With its advocacy for providing access to quality higher education to poor but deserving students, EARIST accommodated these potential human resources who will someday take their place in government, business, and industry. It is but fitting that the school provides them with facilities conducive to a good and safe teaching-learning environment.

The main objective of this project is to provide an elevator for the CEFAA building. This facility will serve the users, specially the persons with disability and older people. Providing an elevator will help ease the vertical movement of faculty members, students, and guests.

#### II. MAJOR ACTIVITIES

The following activities will be undertaken for the successful implementation of the project:

1. General Requirements Including Structural Analysis of the Connection Points
2. Demolition Works – Removal of Glass wall and windows
3. Provision of Elevator lobby platform at every floor level
4. Provision of Stand-Alone Elevator
5. Roofing Works – Provision of Corrugated Steel sheet with Insulator
6. Provision of Protective Grills
7. Electrical Works - Provision of Electrical layout and fixtures
8. Finishing Works – Painting of Exposed and Damaged area

#### III. REQUIRED INPUT

1. Manpower and human resources

- a. The conceptual architectural plans and specifications for the project shall be prepared by the Chief, Institutional Infrastructure Planning and Development Office.
- b. Feasibility studies, and final plans and specifications, and other permitting documents shall be provided by the contractor.
- c. Required permits shall be applied and secured by EARIST from the pertinent government agencies.
- d. The implementation of the project shall be monitored and supervised by the Vice-president for Administration through its designated Project Monitoring Officer, assisted by representatives from the Department of Public Works and Highways.

2. Physical Input

Designated area for project activities

3. Equipment and Tools

Construction tools and equipment suited for the project shall be provided by the contractor

4. Financial Input

An estimated total amount of Seven Million Two Hundred Two Thousand Nine Hundred Fifty and 13/100 pesos (Pnp 7,202,950.13) shall be utilized for this project.

#### IV. EXPECTED OUTPUT

After the completion of the project, it is expected that:

1. A stand-alone elevator is provided at the designated space at the CEAFAs building.
2. An elevator lobby platform is provided at every floor level providing access from the elevator to the CEAFAs corridors.
3. Complete turnover documents shall be submitted by the contractor to EARIST.

Prepared:

  
MAUNDELITO S. FLORENDO, RLA  
Chief, EARIST/HPDO

ps/arc



Project **PROVISION OF ELEVATOR AT THE CEFAA BUILDING WITH CONNECTING ELEVATOR LOBBY PLATFORMS**  
Location **Nagtahan, Sampaloc Manila**  
Owner **EARIST, MANILA**

**Subject SCOPE OF WORKS AND APPROVED BUDGET**

**PART A GENERAL REQUIREMENTS**

- A-1 Mobilization and Demobilization
  - A-1.1 Provision of Construction Project Billboard / Tarpoilin
  - A-1.2 Provision of Construction Safety and Security Signages
  - A-1.3 Provision of Construction Caution Line and Barrier
  - A-1.4 Provision of Construction Barracade for isolation and covering
- A-2 Preparation of Plans
  - A-2.1 Architectural, Structural, Electrical Plan for Elevator Unit
  - A-2.2 Proposed Design for Approval on 20x30 with details of Architectural and Structural Plans
  - A-2.3 Shop Drawings
  - A-2.4 As Built Plan on 20x30 with details
- A-3 Permits
- A-4 Commissioning of Professionals and Material Testing
  - A-4.1 Architectural Services (licensed)
  - A-4.2 Structural Analysis and Engineering Services (licensed)
  - A-4.3 Failure Analysis
  - A-4.4 Structural Material Testing
  - A-4.5 Elevator Load Test
  - A-4.6 and all other necessary testing Procedure
- A-5 Construction of Temporary Facilities
  - A-5.1 Utilities Consumption Electrical Bill and Water Bill
  - A-5.2 Safety Officer and Security Guard
- A-6 Clearing, Cleaning, and Hauling
- A-7 Other Essential Works

**TOTAL OF PART A**

**PART B DEMOLITION AND EARTHWORKS**

- B-1 Demolition of Parapet Wall
- B-2 Dismantling of Cyclone Wire
- B-3 Dismantling of Railings
- B-4 Excavation Works, Back Filling and Compaction

**TOTAL OF PART B**

**PART C STRUCTURAL WORKS FOR SHEAR WALL AND LIFT LOBBY ELEVATOR**

- C-1 Footing
  - C-1.1 Reinforcement
  - C-1.2 Formworks
  - C-1.3 Concreting
- C-2 Column / Stiffener
  - C-2.1 Reinforcement
  - C-2.2 Formworks
  - C-2.3 Concreting
- C-3 Tie Beam
  - C-3.1 Reinforcement
  - C-3.2 Formworks
  - C-3.3 Concreting
- C-4 Ground Slab
  - C-4.1 Reinforcement
  - C-4.2 Formworks
  - C-4.3 Concreting
- C-5 Shear wall Cover
  - C-5.1 Reinforcement
  - C-5.2 Formworks
  - C-5.3 Concreting
- C-6 Design and Construction of Structural Framing Stand Alone Structural Cantilever Support/Framing for Lift Lobby must withstand loadings with accordance to Structural Code of the Philippines 2015 (NSCP). Subject to Modification once structural analysis occur with proof.
  - C-6.1 Provision of Concrete Floor Slab with steel reinforcement
  - C-6.2 Provision of Aluminium Cladding Covering Lift Lobby Deck (please follow the attached plan for guidance)

**TOTAL OF PART C**

**PART D ACCESSORIES**

- D-1 Provision of 304 Stainless Steel Railing (must be properly installed)
- D-1.1 304 Stainless Steel Hand Railing
  - D-1.2 304 Stainless Steel PWD Grab Bar Railing
  - D-1.3 304 Stainless Steel Foot Railing
- D-2 Provision of Poster Size Wall mounted 5mm-thk Crystal Clear Acrylic Sandwich Board with 304 Stainless Acrylic Fastener
- D-3 Provision of Wall Mounted 304 stainless steel Brass Color Illuminated warm light halo 3D Cut out Letter (Times New Roman, BOLD), 200mm height and 50 mm thickness
- D-3.1 COLLEGE OF ENGINEERING, ARCHITECTURE AND FINE ARTS

**TOTAL OF PART D****PART E CONSTRUCTION OF STAND-ALONE TWO CAR ELEVATORS**

- E-1 Construction of 2 Car Unit Scenic Elevator for 5 Storey Building with Covered Deck and all necessary Equipment/Devices.
- E-1.1 6 Openings, 6 Serving Floors and 6 Car Entrances with rated load of 800 Kilograms and speed of 1 m/s. Capacity of 30 Passenger per Car
  - E-1.2 Machine Room Less with Variable Frequency Drive and Simplex Car Group, 220V Power Supply, 220V Lighting Voltage, 220V Power Supply (Motor) and Frequency of 60Hz
  - E-1.3 Scenic Shaft Specification: Shaft with Clear Dimensions of 2000 mm by 2000 mm, 12000 mm travel, 1,400 mm and 4,500 mm pit depth and overhead respectively.
  - E-1.4 Car Specification: 1400 mm by 1400 mm car dimension and car clear height of 2,400 mm. Phonolic STS Frame for Car Ceiling, LED Lighting, Vinyl Tiles for Car Flooring, Handrail and Mirror Backside. Hairline Stainless Steel Finish.
  - E-1.5 For Car Operate Panel (COP) Stainless COP Face Plate, Lighted Door Close Button and LCD Position direction Indicator. Inside G Floor HOP for Fireman and Packing Key Switch
  - E-1.6 Car Door: VVVF Door Operator and Full Height light Curtain for door safety Hairline Stainless Steel.
  - E-1.7 Landing Door Specification: Center Opening Door Type with Dimensions of 800mm by 2100mm and Hairline Stainless steel all Panels main and other floors and Jamb at main floor and other
  - E-1.8 Standard Features: Full Collective and Selective Control, Self Diagnosis of Breakdown, VVVF drive, repeated door closing, VVVF drive for door operator
  - E-1.9 Reopen with hall call, Emergency car lighting, VVVF door Drive, full height light curtain protection, Car stops and doors Open and Inspection Running
  - E-1.10 Micro-touch button for Car, Full load direct movement, Car Arrival Chime, Overload holding stop, Five-way communication, Car illumination / automatic shut-off of the fan.
  - E-1.11 Hoisting rope slippery resistant protection, Up/down overrun and final limit protection, Start Protection control, Over Speed protection device, Inspection Operation, Fireman Switches and Services, Safety Stop.
  - E-1.12 Revise the levelling automatically, Floor Bi-pass/Driver Bi-pass, Car's bell, Power on re-levelling, Floor and direction indicator at hall, Return to the basic station floor automatically, Compulsory slowdown protection at terminal stations
  - E-1.13 Elevator over levelling protection, Cut the power of the light and fan inside the cabin when no call for the elevator for three minutes, Automatic Rescue Device.

**TOTAL OF PART E****PART F PLUMBING WORKS**

- F-1 Realignment of Affected Water Drain Pipe
- F-2 Provision of Seamless 304 Stainless Steel Floor Drain (must be properly installed)

**TOTAL OF PART F****PART G ELECTRICAL WORKS**

- G-1 Provision of Recessed LED Light Bulb with Casement
- G-2 Provision of Warm LED Track Light (4 Bulbs per sets)
- G-3 Electrical Roughing in

**TOTAL OF PART G****PART H INTEGRATED DEVICES, EQUIPMENT, FURNITURE AND FIXTURES**

- H-1 Provision of wall mounted indoor Electronic LED Screen display Panel and necessary devices and attachment, 640mm by 640mm per piece
- H-1.1 Provision of LED Screen Display Controller
  - H-1.2 Provision of LED Screen Video Splicer
  - H-1.3 Provision of LED Screen Matrix
  - H-1.4 Provision of LED Die Cast Aluminum
- H-2 Provision of CCTV Camera System Complete with Necessary Devices and attachments
- H-2.1 Provision of 8CH 1080P WISENSE DVR with AoC (Audio over Coax) Support
  - H-2.2 Provision of 2MP HDCVI Full Color Dome Camera ( Night Vision )
  - H-2.3 Provision of CCTV Cable
  - H-2.4 Provision of 32" HD LED Monitor
- H-3 Provision of Control Center
- H-3.1 Modular Console Desk
  - H-3.2 Provision of Office Ergonomic Padded Chair with padded armrest

**TOTAL OF PART H**

**PART I FINISHING AND POLISHING WORKS**

- I-1 Repair and Repainting of Damaged Area
  - I-1.1 Provision of Concrete Moulding Painted Design on Concrete Shear Wall
- I-2 Cladding with Carpentry Works
  - I-2.1 WPC Cladding with Carpentry Works on Second Floor
  - I-2.2 WPC Cladding with Carpentry Works on Ground Floor ( Clinic )
- I-3 Provision of Resin and Granite Epoxy Flooring on Lift Lobby included the whole ground floor and second floor
  - I-3.1 Provision of seamless Color Gold Aluminum Floor edge trim / Profile
- I-4 Provision of Moveable Aluminum Expansion Joint
- I-5 Provision of PVC Ceiling on Ground and Second Floor
- I-6 Provision of indoor plants and bushes

**TOTAL OF PART I**

**BUDGETARY COST ESTIMATE = 7,202,950.13**

**TOTAL ESTIMATED DURATION = 120 CD**

**NOTES:**


*Includes other technical and support services*

*All specifications and installation shall be in accordance with acceptable standards and applicable laws.*


*Please Refer to the attached Conceptual Design for Other Details and Specification.*

*For further Questions and Inquiry, please coordinate with End-user and IIPDO.*


Prepared by:

  
**MAUNDELITO S. FLORENDO, RIA**  
Chief, EARIST-IIPDO

Requested By:

  
**Dr. GIOVANNI L. AHUNIN**  
Director, Admin Services

Approved by:

  
**ROGELIO T. MAMARADLO, Ed.D.**  
EARIST President



Republic of the Philippines  
**EULOGIO "AMANG" RODRIGUEZ**  
**INSTITUTE OF SCIENCE AND TECHNOLOGY**  
 Nagtahan, Sampaloc, Manila

Project **PROVISION OF ELEVATOR AT THE CEFAA BUILDING WITH CONNECTING ELEVATOR LOBBY PLATFORMS**  
 Location Nagtahan, Sampaloc Manila  
 Owner EARIST, MANILA

**APPROVED BUDGET OF THE CONTRACT BILL OF QUANTITIES**

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
<b>PART A</b>	<b>GENERAL REQUIREMENTS</b>		
A-1	Mobilization and Demobilization	1.00	lot
A-1.1	Provision of Construction Project Billboard / Tarpaulin	-	-
A-1.2	Provision of Construction Safety and Security Signages	-	-
A-1.3	Provision of Construction Caution Line and Barrier	-	-
A-1.4	Provision of Construction Barracade for Isolation and covering	-	-
A-2	Preparation of Plans	1.00	lot
A-2.1	Architectural, Structural, Electrical Plan for Elevator Unit	-	-
A-2.2	Proposed Design for Approval on 20x30 with details of Architectural and Structural Plans	-	-
A-2.3	Shop Drawings	-	-
A-2.4	As Built Plan on 20x30 with details	-	-
A-3	Permits	1.00	ls
A-4	Commissioning of Professionals and Material Testing	4.00	mons
A-4.1	Architectural Services (licensed)	-	-
A-4.2	Structural Analysis and Engineering Services (licensed)	-	-
A-4.3	Failure Analysis	-	-
A-4.4	Structural Material Testing	-	-
A-4.5	Elevator Load Test	-	-
A-4.6	and all other necessary testing Procedure	-	-
A-5	Construction of Temporary Facilities	4.00	mons
A-5.1	Utilities Consumption Electrical Bill and Water Bill	-	-
A-5.2	Safety Officer and Security Guard	-	-
A-6	Clearing, Cleaning, and Hauling	4.00	mons
A-7	Other Essential Works	1.00	lot
	<b>TOTAL OF PART A</b>		
<b>PART B</b>	<b>DEMOLITION AND EARTHWORKS</b>		
B-1	Demolition of Parapet Wall	1.00	lot
B-2	Dismantling of Cyclone Wire	1.00	lot
B-3	Dismantling of Railings	1.00	lot
B-4	Excavation Works, Back Filling and Compaction	1.00	lot
	<b>TOTAL OF PART B</b>		
<b>PART C</b>	<b>STRUCTURAL WORKS FOR SHEAR WALL AND LIFT LOBBY ELEVATOR</b>		
C-1	Footing	4.00	sq.m
C-1.1	Reinforcement	-	-
C-1.2	Formworks	-	-
C-1.3	Concreting	-	-
C-2	Column / Stiffener	6.00	sq.m
C-2.1	Reinforcement	-	-
C-2.2	Formworks	-	-
C-2.3	Concreting	-	-
C-3	Tie Beam	2.00	sq.m
C-3.1	Reinforcement	-	-
C-3.2	Formworks	-	-
C-3.3	Concreting	-	-
C-4	Ground Slab	12.50	sq.m
C-4.1	Reinforcement	-	-
C-4.2	Formworks	-	-
C-4.3	Concreting	-	-
C-5	Shear wall Cover	30.00	sq.m
C-5.1	Reinforcement	-	-
C-5.2	Formworks	-	-
C-5.3	Concreting	-	-



C-6	Design and Construction of Structural Framing Stand Alone Structural Cantilever Support/Framing for lift Lobby must withstand loadings with accordance to Structural Code of the Philippines 2015 (NSCP). Subject to Modification once structural analysis occur with proof.	1.00	lot
C-6.1	Provision of Concrete Floor Slab with steel reinforcement	-	-
C-6.2	Provision of Aluminum Cladding Covering Lift Lobby Deck (please follow the attached plan for guidance)	-	-
<b>TOTAL OF PART C</b>			
<b>PART D</b>	<b>ACCESSORIES</b>		
D-1	Provision of 304 Stainless Steel Railing (must be properly installed)	54.40	lm
D-1.1	304 Stainless Steel Hand Railing	-	-
D-1.2	304 Stainless Steel PWD Grab Bar Railing	-	-
D-1.3	304 Stainless Steel Foot Railing	-	-
D-2	Provision of Poster Size Wall mounted 5mm thk Crystal Clear Acrylic Sandwich Board with 304 Stainless Acrylic Fastener	12.00	sets
D-3	Provision of Wall Mounted 304 stainless steel Brass Color Illuminated warm light halo 3D Cut out Letter (Times New Roman, BOLD), 200mm height and 50 mm thickness.	43.00	pcs
D-3.1	COLLEGE OF ENGINEERING, ARCHITECTURE AND FINE ARTS	-	-
<b>TOTAL OF PART D</b>			
<b>PART E</b>	<b>CONSTRUCTION OF STAND-ALONE TWO CAR ELEVATORS</b>		
E-1	Construction of 2 Car Unit Scenic Elevator for 5 Storey Building with Covered Deck and all necessary Equipment/Devices.	1.00	lot
E-1.1	6 Openings, 6 Serving Floors and 6 Car Entrances with Rated load of 800 Kilograms and speed of 1 m/s. Capacity of 10 Passenger per Car	-	-
E-1.2	Machine Room Less with Variable Frequency Drive and Simplex Car Group, 220V Power Supply, 220V Lighting Voltage, 220V Power Supply (Motor) and Frequency of 60Hz	-	-
E-1.3	Scenic Shaft Specification: Shaft with Clear Dimensions of 2000 mm by 2000 mm, 12000 mm travel, 1,400 mm and 4,500 mm pit depth and overhead respectively.	-	-
E-1.4	Car Specification: 1400 mm by 1400 mm car dimension and car clear height of 2,400 mm. Phenolic STS Frame for Car Ceiling, LED Lighting, Vinyl Tiles for Car Flooring, Handrail and Mirror Backside. Hairline Stainless Steel Finish.	-	-
E-1.5	For Car Operate Panel (COP) Stainless COP Face Plate, Lighted Door Close Button and LCD Position direction indicator. Inside G Floor HOP for Fireman and Packing Key Switch.	-	-
E-1.6	Car Door: VVVF Door Operator and Full Height light Curtain for door safety Hairline Stainless Steel.	-	-
E-1.7	Landing Door Specification: Center Opening Door Type with Dimensions of 800mm by 2100mm and Hairline Stainless steel all Panels main and other floors and Jamb at main floor and other	-	-
E-1.8	Standard Features: Full Collective and Selective Control, Self Diagnosis of breakdown, VVVF drive, repeated door closing, VVVF drive for door operator	-	-
E-1.9	Reopen with hall call, Emergency car lighting, VVVF door Drive, full height light curtain protection, Car stops and doors Open and Inspection Running	-	-
E-1.10	Micro-touch button for Car, Full load direct movement, Car Arrival Chime, Overload holding stop, Five-way communication, Car Illumination / automatic shut-off of the fan.	-	-
E-1.11	Hoisting rope slippery resistant protection, Up/down overrun and final limit protection, Start Protection control, Over Speed protection device, Inspection Operation, Fireman Switches and Services, Safety Stop.	-	-
E-1.12	Revise the levelling automatically, Floor Bi-pass/Driver Bi-pass, Car's bell, Power on re-levelling, Floor and direction Indicator at hall, Return to the basic station floor automatically, Compulsary slowdown protection at terminal stations	-	-
E-1.13	Elevator over levelling protection, Cut the power of the light and fan inside the cabin when no call for the elevator for three minutes, Automatic Rescue Device.	-	-
<b>TOTAL OF PART E</b>			
<b>PART F</b>	<b>PLUMBING WORKS</b>		
F-1	Realignment of Affected Water Drain Pipe	26.80	lm
F-2	Provision of Seamless 304 Stainless Steel Floor Drain (must be properly installed)	2.00	sets
<b>TOTAL OF PART F</b>			
<b>PART G</b>	<b>ELECTRICAL WORKS</b>		
G-1	Provision of Recessed LED Light Bulb with Casement	36.00	sets
G-2	Provision of Warm LED Track Light (4 Bulbs per sets)	2.00	sets
G-3	Electrical Roughing In	1.00	lot
<b>TOTAL OF PART G</b>			

PART H INTEGRATED DEVICES, EQUIPMENT, FURNITURE AND FIXTURES			
H-1	Provision of wall mounted Indoor Electronic LED Screen display Panel and necessary devices and attachment, 640mm by 640mm per piece	15.00	sq.m
H-1.1	Provision of LED Screen Display Controller	-	-
H-1.2	Provision of LED Screen Video Splicer	-	-
H-1.3	Provision of LED Screen Matrix	-	-
H-1.4	Provision of LED Die Cast Aluminum	-	-
H-2	Provision of CCTV Camera System Complete with Necessary Devices and attachments	8.00	sets
H-2.1	Provision of 8CH 1080P WISENSE DVR with AoC (Audio over Coax) Support	-	-
H-2.2	Provision of 2MP HDCVI Full Color Dome Camera ( Night Vision )	-	-
H-2.3	Provision of CCTV Cable	-	-
H-2.4	Provision of 32" HD LED Monitor	-	-
H-3	Provision of Control Center	-	-
H-3.1	Modular Console Desk	1.00	set
H-3.2	Provision of Office Ergonomic Padded Chair with padded armrest	1.00	set
<b>TOTAL OF PART H</b>			
PART I FINISHING AND POLISHING WORKS			
I-1	Repair and Repainting of Damaged Area	1.00	lot
I-1.1	Provision of Concrete Moulding Painted Design on Concrete Shear Wall	-	-
I-2	Cladding with Carpentry Works	53.80	sq.m
I-2.1	WPC Cladding with Carpentry Works on Second Floor	-	-
I-2.2	WPC Cladding with Carpentry Works on Ground Floor ( Clinic )	-	-
I-3	Provision of Resin and Granite Epoxy Flooring on Lift Lobby included the whole ground floor and second floor	107.65	sq.m
I-3.1	Provision of seamless Color Gold Aluminum Floor edge trim / Profile	-	-
I-4	Provision of Moveable Aluminum Expansion Joint	30.00	lm
I-5	Provision of PVC Ceiling on Ground and Second Floor	84.00	sq.m
I-6	Provision of indoor plants and bushes	1.00	lot
<b>BUDGETARY COST ESTIMATE =</b>		<b>7,202,950.13</b>	
<b>TOTAL ESTIMATED DURATION (Days) =</b>		<b>120 CD</b>	

**NOTES:**

*includes other technical and support services*

*All specifications and installation shall be in accordance with acceptable standards and applicable laws.*

*Please Refer to the attached Conceptual Design for Other Details and Specification.*

*For further Questions and Inquiry, please coordinate with End-user and IIPDO.*

Prepared by:

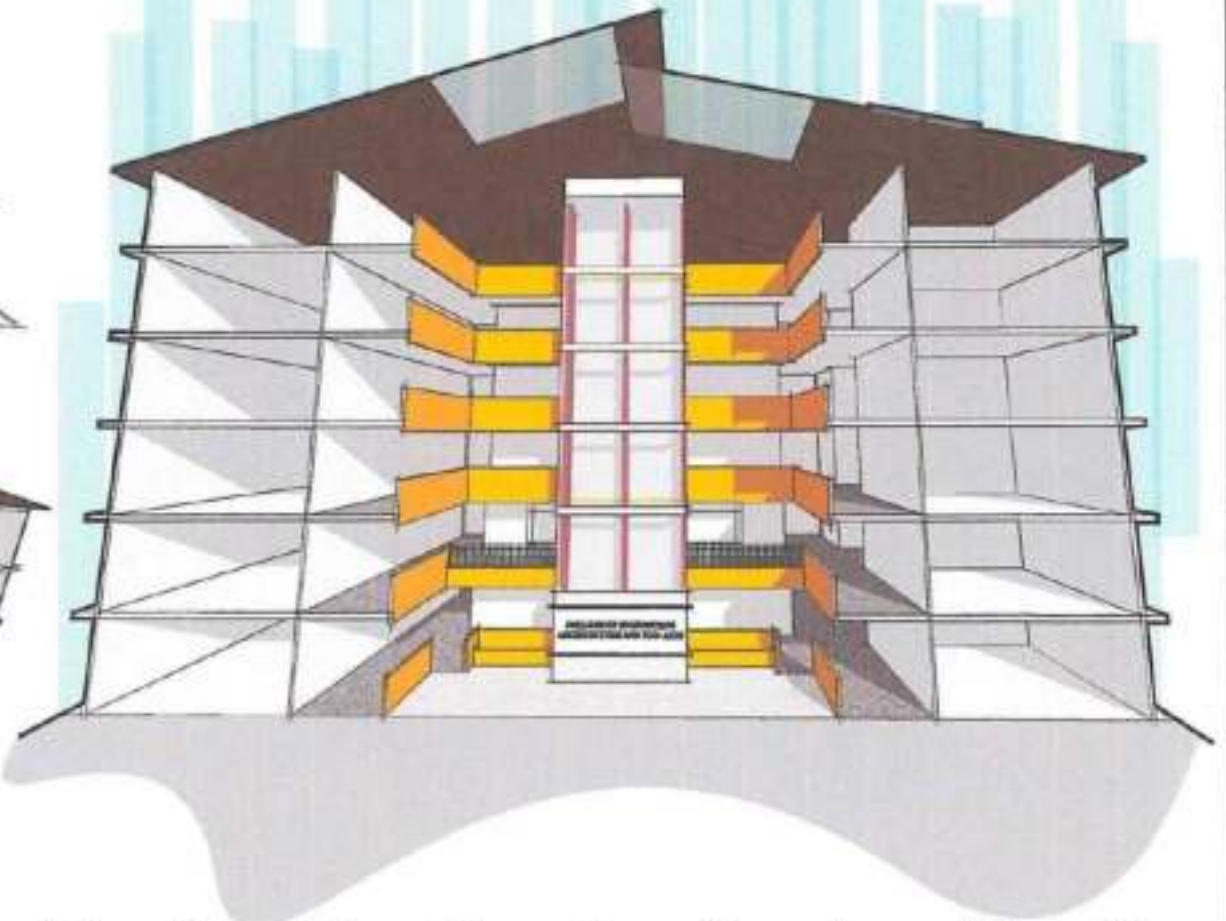
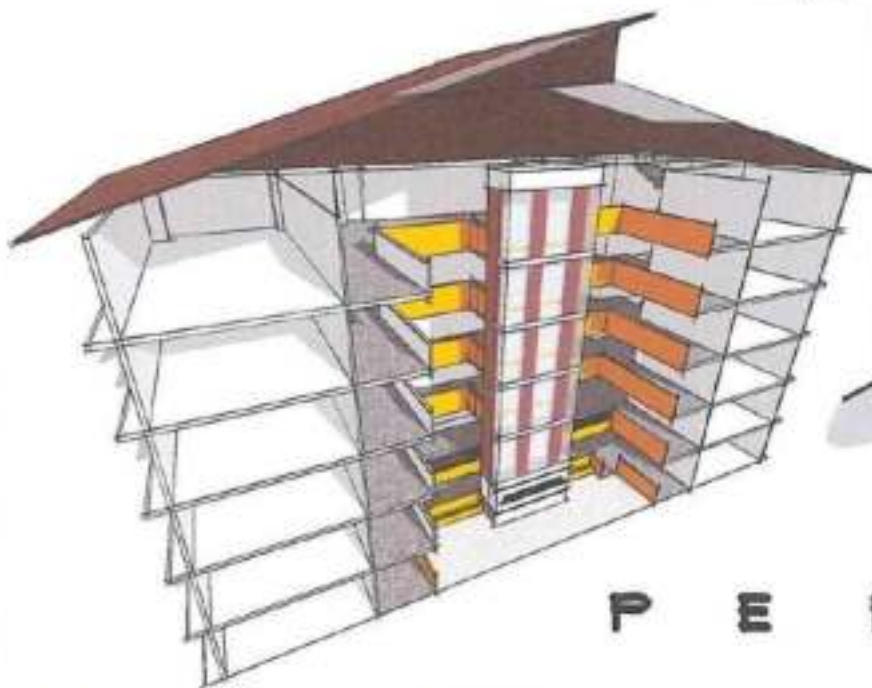
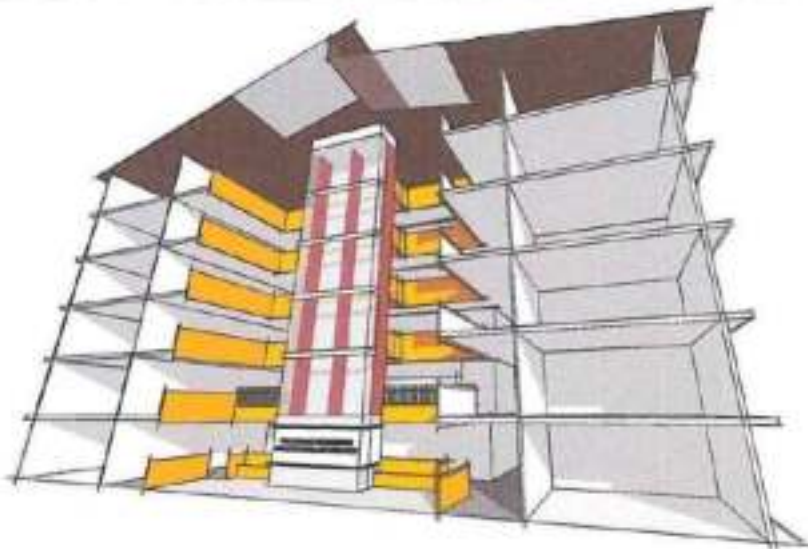
**MAUNDELITO S. FLORENDO, RIA**  
Chief, EARIST-IIPDO

Requested By:

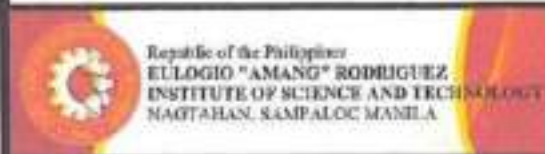
**Dr. GIOVANNI L. AHUNIN**  
Director, Admin Services

Approved by:

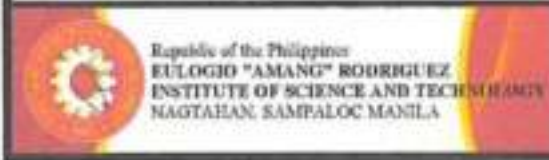
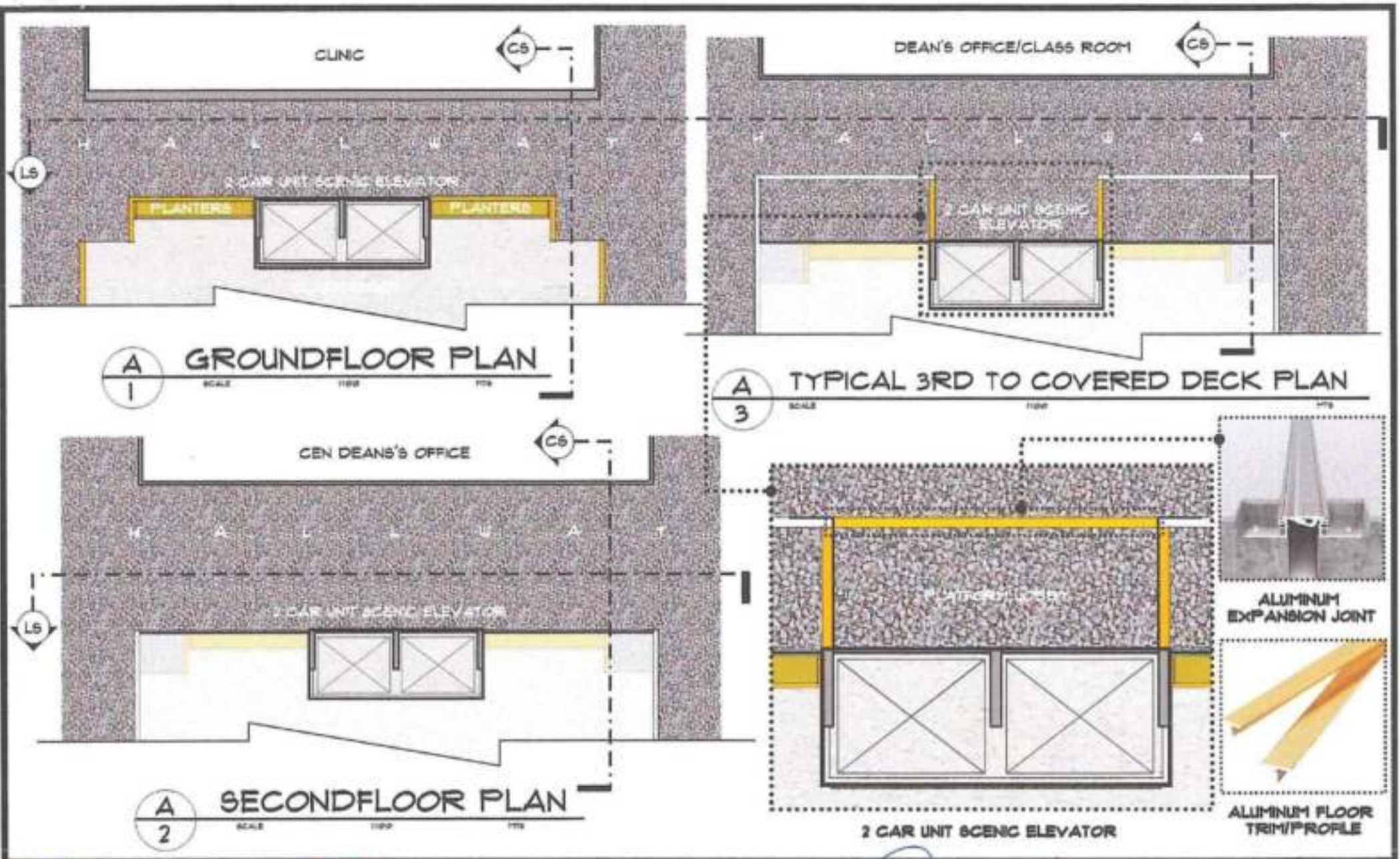
**ROGELIO T. MAMARADLO, Ed.D.**  
EARIST President



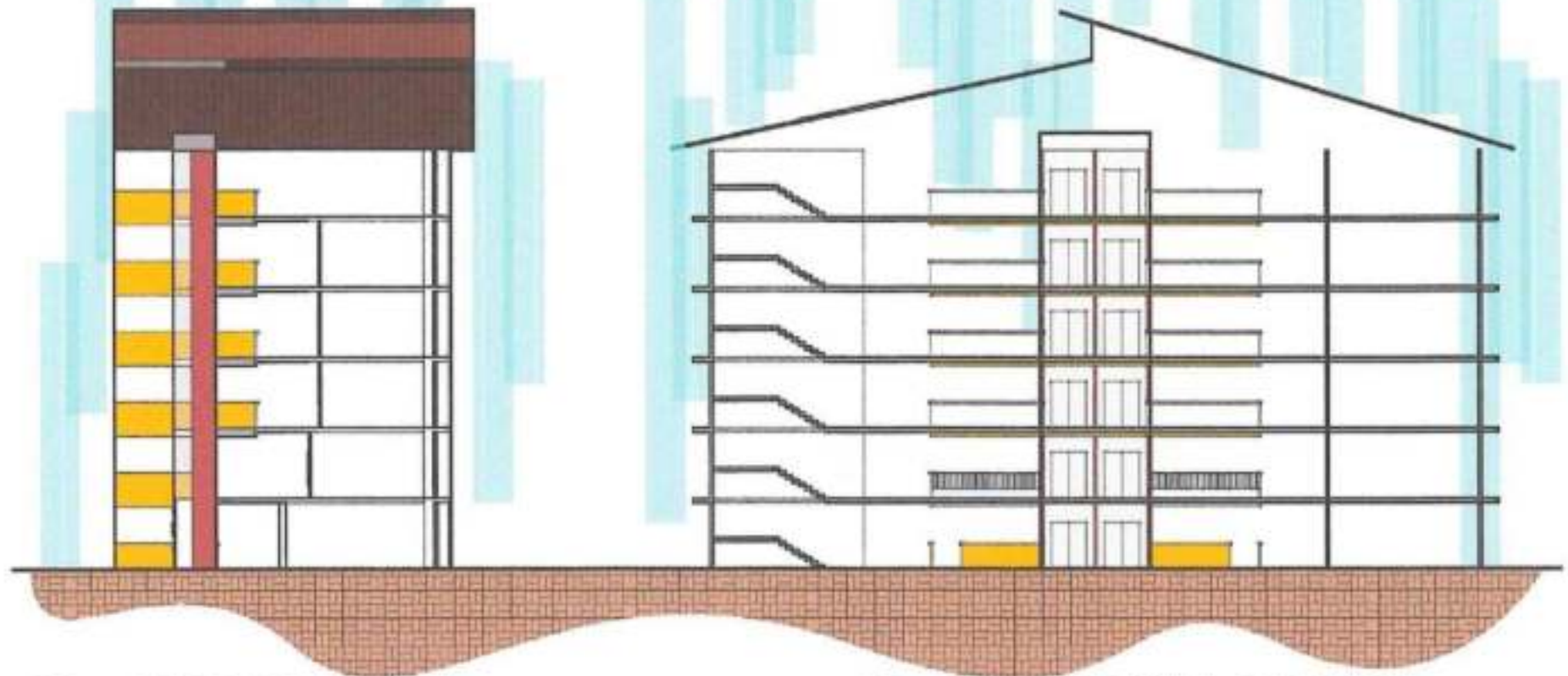
P E R S P E C T I V E



<b>PROJECT TITLE:</b> PROVISION OF ELEVATOR AT CEAPA BUILDING WITH CORROBTED ELEVATOR LOBBY PLATFORMS	<b>ENGINEER PREPARED BY:</b>  <b>MANSUETO FLORENDO JELA</b> CHIEF ENGINEER	<b>RECOMMENDING APPROVAL:</b>  <b>DIR. GIOVANNI L. AMUNIN</b> DIRECTOR, ADMIN SERVICES	<b>APPROVED BY:</b>  <b>ENGR. ROGELIO T. MAMARADILLO</b> DEPUTY PRESIDENT	<b>SHEET CONTENT:</b> - PERSPECTIVES	<b>DRAWER NO.:</b> 007 <b>DRAWER:</b>  <b>REVISOR:</b>  	<b>STREET NO.:</b> 
<b>PROJECT LOCATION:</b> EAST MANILA	<b>DATE:</b>	<b>SCALE:</b>				



<b>PROJECT TITLE:</b> PROVISION OF ELEVATOR AT CEAPA BUILDING WITH CONDUCTED ELEVATOR LOBBY PLATFORMS	<b>ENR USER/RECORDED BY:</b> MAUNDELITO S. FLORES/DR. LA	<b>RECOMMENDING APPROVAL:</b> DR. GIOVANNI T. TORRES DIRECTOR, ADMIN DIVISION	<b>APPROVED BY:</b> ENGR. ROBERTO T. MANSABALDO EARLY FLOORING	<b>SHEET CONTENT:</b> - FLOOR	<b>DESIGNED BY:</b>	<b>SHEET NO.</b> A 2 / 2
<b>PROJECT LOCATION:</b> EARLY MANILA	<b>DATE ISSUED:</b>			<b>DATE:</b>		



**A**  
**4** **CROSS SECTION**  
SCALE 1:100 1:100 1:10

**A**  
**5** **LONGITUDINAL SECTION**  
SCALE 1:100 1:100 1:10

 <p>Republic of the Philippines EULOGIO "AMANG" RODRIGUEZ INSTITUTE OF SCIENCE AND TECHNOLOGY NAGTAHAN, BAMPALOC, MANILA</p>	PROJECT TITLE	DESIGN PREPARED BY	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENT	DESIGNED BY	SHEET NO.
	PROVISION OF ELEVATOR AT CBAPA BUILDING WITH CONNECTING ELEVATOR LOBBY PLATFORM						<b>A</b>
	PROJECT LOCATION	MAUNIBATHE FLORENDELLA CBAPA, EPSC	DR. GIOVANNI L. AMPIN DIRECTOR, ADMINISTRATION	ENGR. ROGELIO T. MAMARADLO CARTED RESIDENT			
	EARIST MANILA	DATE ISSUED	PLANT ISSUE				