Bid Supplement

Reference Number	11802982
Title	Labor and Materials for the General Rehabilitation of Passenger's Elevator at Administration Building - Talisay Campus
Category	Construction Projects

	Bid Supplement No.	Title	Type	Published
1	11802982-01	Addendum No. 1	Addendum	06/03/2025

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Bid Supplement Abstract

Reference Number	**11802982**
Title	Labor and Materials for the General Rehabilitation of Passenger's Elevator at Administration Building - Talisay Campus
Category	Construction Projects
Type	Addendum
Bid Supplement No.	11802982-01
Title	Addendum No. 1
Area of Delievery/Location	Negros Occidental
Delivery Period/Contract Duration	
Contact Person	Rowena De la Vida Prado
Description	Kindly see attached Addendum, Bill of Quantities and Terms of Reference.

Note: Click the document name to view the attachment.

Document Name	Document Type	Content	Format
Addendum No. 1	Electronic	Bid Bulletin	A4
Terms of Reference (Revised)	Electronic	Supporting Documents	A4
Bill of Quantities (Revised)	Electronic	Supporting Documents	Legal 8.5 x 14

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SUPPLEMENTAL/BID BULLETIN
ADDENDUM NO. 1
11802982/CHMSU 25-006-0224-I
March 5, 2025

This Addendum No. 1 is issued for clarification of Bidders with regard to the specifications of bidding documents for the **Procurement of Labor and Materials for the General Rehabilitation of Passengers' Elevator at Administration Building – Talisay Campus per Reference Number 11802982/CHMSU 25-006-0224-I**. This shall form an integral part of the Documents.

PARTICULARS (AS PUBLISHED)	RECTIFICATION (SHOULD BE)
BILL OF QUANTITIES	BILL OF QUANTITIES
3.0 Restoration Works (Installation of New Parts and Components)	3.0 Restoration Works (Installation of New Parts and Components)
3.1 Clean buff and polish of car door, hatch door and cabin	3.1 Clean buff and polish of car door, hatch door and cabin
3.2 Supply and Installation of new: Hoist rope: High-carbon steel, galvanized, 8mm-10mm dia, 8x19 Seale (8 strands, 19 wires per strand), with length suitable for 4 storey building, minimum 5,000 kg, ASME A17.1 or ISO 4344 standards. Governor rope: 6mm–8mm, 8x19 Seale or 6x19 IWRC (Independent Wire Rope Core), with length suitable for 4 strorey building, minimum 3,000 kg, ASME A17.1 or ISO 4344 standards. Pulleys and other materials needed	3.2 Supply and Installation of new: Hoist rope: High-carbon steel, galvanized, minimum of 10mm dia, 8x19 Seale (8 strands, 19 wires per strand), with length suitable for 4 storey building, minimum 5,000 kg, ASME A17.1 or ISO 4344 standards. Governor rope: minimum of 8mm, 8x19 Seale or 6x19 IWRC (Independent Wire Rope Core), with length suitable for 4 storey building, minimum 3,000 kg, ASME A17.1 or ISO 4344 standards. Pulleys and other materials needed
3.3 Supply and installation of additional safety devices 3.3.1 20 kVA Automatic Voltage Regulator (AVR), 220V 3-phase	3.3 Supply and installation of additional safety devices 3.3.1 20 kVA Automatic Voltage Regulator (AVR), 220V 3-phase

3.3.2 Automatic Rescue Device (ARD) capable of 12V DC battery back up for atleast 30 minutes or more	3.3.2 Automatic Rescue Device (ARD) capable of 12V DC battery back up for atleast 30 minutes or more 3.3.3 Transient Voltage Surge Suppressor (TVSS), 220V 3-phase, 50/60 Hz including wiring for earth connection
TERMS OF REFERENCE	TERMS OF REFERENCE
Scope of Work:	Scope of Work:
1. **Mechanical Works:** Supply and Installation of: *Hoist rope: High-carbon steel, galvanized, 8mm-10mm diameter, 8x19 Seale (8 strands, 19 wires per strand), with length suitable for 4 storey building, minimum 5,000 kg, ASME A17.1 or ISO 4344 standards.* *Governor rope: 6mm–8mm diameter, 8x19 Seale or 6x19 IWRC (Independent Wire Rope Core), with length suitable for 4 storey building, minimum 3,000 kg, ASME A17.1 or ISO 4344 standards.* *Drive Motor: 7.5kW, 1.0m/s, 220V or equivalent* *Door Motor: 375W-560W, 20-30RPM, Variable Voltage Variable Frequency (VVVF) control or servo drive or equivalent* *Miscellaneous: Pulleys, mechanical brakes, limit switches, rotary encoder and other parts involved*	1. **Mechanical Works:** **Supply and Installation of:** ***Hoist rope: High-carbon steel, galvanized, minimum of 10mm diameter, 8x19 Seale (8 strands, 19 wires per strand), with length suitable for 4 storey building, minimum 5,000 kg, ASME A17.1 or ISO 4344 standards.*** ***Governor rope: minimum of 8mm diameter, 8x19 Seale or 6x19 IWRC (Independent Wire Rope Core), with length suitable for 4 storey building, minimum 3,000 kg, ASME A17.1 or ISO 4344 standards.*** ***Drive Motor: 7.5kW, 1.0m/s, 220V or equivalent*** ***Door Motor: 375W-560W, 20-30RPM, Variable Voltage Variable Frequency (VVVF) control or servo drive or equivalent*** ***Miscellaneous: Pulleys, mechanical brakes, limit switches, rotary encoder and other parts involved***

Bids and Awards Committee

Contractor Qualifications:	**Contractor Qualifications:**
○ Should be licensed and certified to perform elevator rehabilitation works.	○ Technician should be licensed and certified to perform elevator rehabilitation works.

For guidance and information of all concerned.

For the BAC:

ANDREW EUSEBIO S. TAN, Ph.D.
BAC Chairperson

Received by the Bidder: _____

_____
Date

CARLOS HILADO MEMORIAL STATE UNIVERSITY
BIDS AND AWARDS COMMITTEE
Talisay City, Negros Occidental

PROJECT REFERENCE No.: **CHMSU 25-006-0224-I** **(REVISED)**

I. PROJECT TITLE: **GENERAL REHABILITATION OF PASSENGER'S ELEVATOR AT ADMINISTRATION BUILDING**

II. LOCATION: **CHMSU TALISAY CAMPUS**

III. SUBJECT: **PROGRAM OF WORKS & BILL OF QUANTITIES**

IV. SCOPE OF WORKS

1.0 **General Requirements**
2.0 **Dismantling Works**
3.0 **Restoration Works (Installation of New Parts and Components)**
4.0 **Miscellaneous**

PROJECT DURATION : 60 CALENDAR DAYS

BILL OF QUANTITIES

Item No.		Description	Qty	Units	Material Cost		Labor Cost		Total Amount
					Unit Cost	Sub-total Cost	Unit Cost	Sub-total Cost	
1.0	**General Requirements**								
	1.1	Mobilization and Demobilization	1	lot					-
	1.2	Safety & Signages	1	lot					-
									==========
		Sub-Total (Item 1.0)							-
2.0	**Dismantling Works**								
	2.1	Dismantling and removal of existing parts and components	1	lot					-
									==========
		Sub-Total (Item 2.0)							-
3.0	**Restoration Works (Installation of New Parts and Components)**								
	3.1	Clean, buff and polish of car door, hatch door and cabin	1	lot					-
	3.2	Supply and Installation of new: **Hoist rope:** High-carbon steel, galvanized, minimum of 10mm dia, 8x19 Seale (8 strands, 19 wires per strand), with length suitable for 4 strorey building, minimum 5,000 kg, ASME A17.1 or ISO 4344 standards. **Governor rope:** minimum of 8mm, 8x19 Seale or 6x19 IWRC (Independent Wire Rope Core), with length suitable for 4 storey building, minimum 3,000 kg, ASME A17.1 or ISO 4344 standards. Pulleys and other materials needed	1	lot					-
	3.3	Supply and installation of additional safety devices							
	3.3.1	20 kVA Automatic Voltage Regulator (AVR), 220V 3-phase	1	set					-
	3.3.2	Automatic Rescue Device (ARD) capable of 12V DC battery back up for atleast 30 minutes or more	1	set					-
	3.3.3	Transient Voltage Surge Suppressor (TVSS), 220V 3-phase, 50/60 Hz including wiring for earth connection	1	lot					
	3.4	Supply and installation of new components (recommended specifications for existing elevator set-up and capacity)							

	3.4.1	Complete Assembly of Control System for 1-4 levels Main Power Supply: 220VAC, 3-phase, 50/60 Hz Main Control Panel: PCB Main Mother Board Control Module Assembly Operation: Full collective control or equivalent Stainless steel (304) **Car Operationg Panel (COP)** with LCD/LED with floor indicators and Illuminated tactile buttons with Braille markings, **Landing Operating Panel (LOP)** with Directional arrow and floor arrival status, Stainless steel (304) **Hall Call Button (HCB)** with Dual-button with backlit LED indicators (UP/DOWN) Contactors: Brake contactors and other accessories needed	1	assy					-
	3.4.2	**Drive Motor**, 7.5kW, 1.0m/s, 220V or equivalent **Door Motor**, 375W-560W, 20-30RPM, Variable Voltage Variable Frequency (VVVF) control or servo drive or equivalent	1	assy					-
	3.4.3	Cartop Box, Pit Box, Car Fan, Intercom, Alarm System	1	lot					-
	3.4.4	Lightings: 15W LED strip lighting (4,000K neutral white) Switches: Heavy-duty industrial switches rated at 16A/250V Breakers and other electrical components	1	lot					-
	3.5	Supply and installation of provision for cabin CCTV connection	1	lot					-
									==========
		Sub-Total (Item 3.0)							-
4.0	**Miscellaneous**								
	4.1	Testings & Commissioning	1	lot					-
	4.2	Monthly preventive maintenance service (PMS) during the warranty period.	1	lot					-
	4.3	For all other items that not listed in the BOQ but deemed neccesay to complete and deliver the above project in comformance to the users requirements	1	lot					-
									==========
		Sub-Total (Item 4.0)							-

A. TOTAL DIRECT COST =	-
B. CONSUMABLES =	
C. SUPERVISION AND ADMINISTRATION =	
D. TOTAL INDIRECT COST (B + C) =	
E. TOTAL COST (A + D) =	
F. VAT (12% of Item E) =	
GRAND TOTAL PROJECT COST =	

Carlos Hilado Memorial State University
Talisay City, Negros Occidental, Philippines, 6115

GENERAL REHABILITATION OF ADMINISTRATION BUILDING PASSENGER ELEVATOR (Revised)

TERMS OF REFERENCE

General Service Office

Prepared by:

ENGR. EDCEL JUNE L. PACHECO
Administrative Officer III

Noted by:

ENGR. CRISTOPHER F. JAMILLO
Administrative Officer V

Project Background:

The elevator in the administration building requires general rehabilitation to ensure reliable and safe operations. This project includes the replacement of mechanical and electrical components, installation of safety devices, and commissioning for operational readiness.

Limitations:

The project will not involve structural rehabilitation, replacement of counterweight balance system and replacement of the physical cabin, guide rails and doors per floor.

Scope of Work:

1. **Mechanical Works:**
   - Supply and Installation of:
     Hoist rope: High-carbon steel, galvanized, minimum of 10mm diameter, 8x19 Seale (8 strands, 19 wires per strand), with length suitable for 4 storey building, minimum 5,000 kg, ASME A17.1 or ISO 4344 standards.
     Governor rope: minimum of 8mm diameter, 8x19 Seale or 6x19 IWRC (Independent Wire Rope Core), with length suitable for 4 storey building, minimum 3,000 kg, ASME A17.1 or ISO 4344 standards.
     Drive Motor: 7.5kW, 1.0m/s, 220V or equivalent
     Door Motor: 375W-560W, 20-30RPM, Variable Voltage Variable Frequency (VVVF) control or servo drive or equivalent
     Miscellaneous: Pulleys, mechanical brakes, limit switches, rotary encoder and other parts involved

2. **Additional Safety Devices:**
   - Supply and Installation of 20 kVA Automatic Voltage Regulator (AVR), 220V 3-phase
   - Supply and Installation of Automatic Rescue Device (ARD) capable of 12V DC battery back-up for at least 30 minutes or more
   - Supply and Installation of Installation of Transient Voltage Surge Suppressor (TVSS), 220V 3-phase, 50/60 Hz

3. **Electrical Works (New Components):**
   - Installation of all electrical safety devices.
   - Replacement of the control system.
   - Installation of fan, intercom, and alarm systems.
   - Supply and Installation of 15W LED strip lighting (4,000K neutral white) indoor car lights
     Switches: Heavy-duty industrial switches rated at 16A/250V

Load Side Breakers and other necessary electrical components
- Supply and Installation of new cartop box and pit box.
- Supply and Installation of provision for cabin wired CCTV connection.
- Supply and Installation of Complete Assembly of Control System for 1-4 levels
  Main Power Supply: 220VAC, 3-phase, 50/60 Hz
  Main Control Panel: PCB Main Mother Board Control Module Assembly
  Operation: Full collective control or equivalent
  Car Operating Panel (COP): Stainless steel (304) with LCD/LED with floor indicators and illuminated tactile buttons with Braille markings
  Landing Operating Panel (LOP): with Directional arrow and floor arrival status,
  Hall Call Button (HCB): Stainless steel (304) with dual-button with backlit LED indicators (UP/DOWN)
  Contactors: Brake contactors and other contactors needed

4. **General Scope of Work:**
   - Dismantling of existing assembly and components.
   - Assembly and setup of the new control system.
   - Wiring connections for the machine, hoist way, and cartop.
   - Commissioning of manual and automatic operations.
   - Adjustments to the door mechanism.
   - Testing and tensioning of wire ropes.
   - Cleaning and polishing all door panels and the cabin interior.
   - Installation of intercom, alarm, LOP, and COP.
   - Commissioning of normal elevator operations.
   - Conducting a test load and overload setup.
   - Final testing and turnover of the rehabilitated elevator.

Deliverables:
- Fully rehabilitated and operational passenger elevator.
- Compliance with relevant safety standards and regulations.
- Documentation of testing and commissioning results.
- Secured Mechanical Permit/Permit to Operate from LGU/OBO.

Project Duration:
- The project is expected to be completed within sixty (60) days from the date of contract approval.

Warranty:
- A warranty period of twelve (12) months under normal use.
- Free monthly PMS during the warranty period.

Responsibility of the Contractor:

- Provision of all necessary materials, equipment, and labor.
- Compliance with occupational safety and health standards.
- Ensuring minimal disruption to building operations during rehabilitation.
- Proper disposal of debris.

Responsibility of the Client:

- Facilitation of access to the elevator and work areas.
- Approval of required documents and permits.
- Timely release of payments as per the agreed terms.

Project Acceptance Criteria:

- Completion of all listed scope items.
- Operational readiness of the elevator confirmed through testing.
- Signed turnover and acceptance report by the client.

Contractor Qualifications:

- Must have at least 5 years of experience in elevator installation, repair, and servicing.
- Technician should be licensed and certified to perform elevator rehabilitation works.
- Proven track record of successful completion of similar projects, with references provided.
- Adequate technical staff and resources to complete the project within the stipulated timeline.
- Must have an available on-call or standby local technician accredited to troubleshoot elevator concerns within Negros Occidental.
- Compliance with all local and international safety and quality standards.

This Terms of Reference serves as a guideline for the successful rehabilitation of the elevator, ensuring safe and efficient service to the users of the administration building.