

### Republic of the Philippines

# Iloilo Science and Technology University

Burgos St., La Paz, Iloilo City, 5000 Philippines Trunkline: (+6333) 320-7190 | Telefax: (+6333) 329-4274 https://www.isatu.edu.ph/ mail@isatu.edu.ph

Project: RENOVATION OF CAFETERIA FUNCTION ROOM

Location: ISAT U La Paz Campus, La Paz, Iloilo City

Physical Target: 56.56 sq.m.

Total Project Cost: P -

### PROGRAM OF WORKS

| Project Description:  |   |                   | Implementation Mode: |             | Lump Sum Contract   |                 |  |  |
|---|---|-------------------|----------------------|-------------|---|-----------------|--|--|
| he ISAT-Univers<br>oom interior de  | sity Function Room Retrofitting. Improve the function<br>esign and aesthetics by adding energy-efficient  | Project Duration: |                      | 55 Cale     | 55 Calendar Days  |                 |  |  |
| ighting. This includes renting equipment, mobilizing and demobilizing workers, clearing and transporting construction waste materials off-site, and cleaning and hauling debris. Septic tank siphonage includes the tools needed to remove accumulated waste from the septic tank in a safe and efficient manner. (as per plan and specifications). |   |                   | Technical Personnel: |             | Project /Site Engineer/Foreman/Electrico<br>Engineer/Master Electrician/Plumber |                 |  |  |
| Item No.  | Scope of Work   | % Weight          | Quantity             | Unit        | Unit Price  | Total Amount    |  |  |
| 1   | <b>GENERAL REQUIREMENTS</b> Delivery of materials, site of signages), Restoration of affected areas and clear to safely and effectively remove accumulated was access point safely. | ing of debri      | s. & Septic tank S   | iphonage I  | t includes equip  | ment requiremen |  |  |
| 1,1   | Siteworks. Clearing, site preparation & disposal of debris on site, staking and Layout  |                   |                      | Lot         |   |                 |  |  |
| 1.2   | Septic tank Siphonage   |                   |                      | 201         |   |                 |  |  |
| Ш   | CONCRETE, MASONRY and PLASTERING WORKS Partition wall and lavatory counter at toilet  |                   |                      |             |   |                 |  |  |
|   | CONCRETE, MASONRY and PLASTERING WORKS  |                   |                      | Lot         |   |                 |  |  |
| Ш   | TILE & STONE WORKS. Supply and installation of floor tiles, wall tiles and granite countertop (as per plan and specifications)  |                   |                      |             |   |                 |  |  |
|   | TILE & STONE WORKS  |                   |                      | Lot         |   |                 |  |  |
| IV  | ELECTRICAL WORKS . To supply and install electrical materials/devices needed to complete the work of  |                   |                      |             |   | necessary       |  |  |
|   | ELECTRICAL WORKS  |                   |                      | Lot         |   |                 |  |  |
| ٧   | PLUMBING FIXTURES & PLUMBING LINES. Replacement   | ent of old fix    | tures and plumbi     | ng lines    |   |                 |  |  |
|   | PLUMBING FIXTURES & PLUMBING LINES.   |                   |                      | Lot         |   |                 |  |  |
| VI  | SPECIALTY WORKS. Supply and installation of Mirro frames and other necessary materials to complete  |                   |                      | uted panels | s at wall and ce  | iling including |  |  |















|                | SPECIALTY WORKS   | Lo                                    |                                  |
|----------------|---|---------------------------------------|----------------------------------|
| VII            | FENESTRATION. Supply and installation of doors and  | windows as per plans and specific     | ation.                           |
|                | DOORS AND WINDOWS.  | Lo                                    |                                  |
| VIII           | CEILING AND CARPENTRY WORKS. To replace old cei<br>specifications   | lling and installation of backing for | WPC wall panels, as per plan and |
|                | CEILING AND CARPENTRY WORKS.  | Lo                                    |                                  |
| IX             | PAINTING WORKS. Painting of walls and newly installed   | ed ceiling                            |                                  |
| 9.1            | A. CEILING (Ficem board and concrete surfaces) Flat liquid tile Paint finish (Full Putty/skim coat)   |                                       |                                  |
| 9.2            | B. MASONRY WALL (REPAINTING OF WALL SURFACES) Flat liquid tile paint basecoat and semi gloss liquid tile Paint topcoat (Full Putty/skim coat; verify color) | Los                                   |                                  |
|                | Total Cost of Project   |                                       |                                  |
| Breakdown o    | f Project Cost:   |                                       |                                  |
|                |   | Material Cost                         |                                  |
|                | Direct Cost   | Labor Cost                            |                                  |
|                |   | Total Direct Cost                     |                                  |
|                | Indirect Cost   | O.C.M. and Profit                     |                                  |
|                |   | Value added tax                       |                                  |
|                | Total Project Cost  |                                       | Php -                            |
| Total bid in w | ords:   |                                       |                                  |
| Prepared by:   |   | Approved:                             | Biider Contractor                |
|                |   |                                       | bilder Corridation               |



**Biider Contractor** 













Date



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Project:

RENOVATION OF CAFETERIA FUNCTION ROOM

Location: ISAT U La Paz Campus, La Paz, Iloilo City

## **BILL OF QUANTITIES**

|     | Item of Work/Description   | Qty.                          | Unit                     | Unit Cost          | Total Cost   |  |  |
|-----|--|-------------------------------|--------------------------|--------------------|--|--|--|
| ı   | GENERAL REQUIREMENTS Delivery of materials, site clearing ang preparation Safety requirements (PPE/ Safety warning and signages), Restoration of affected areas and clearing of debris. & Septic tank Siphonage It includes equipment requirement to safely and effectively remove accumulated waste from the septic tank, Identify and locate the septic tank, uncover access point safely. |                               |                          |                    |  |  |  |
| 1.1 | Siteworks. Clearing, site preparation & disposal of debris on site, staking and Layout   |                               |                          |                    |  |  |  |
| 1.2 | Septic tank Siphonage  |                               | truckload                |                    |  |  |  |
|     | Direct Cost  |                               | Total Direct             | Cost               |  |  |  |
|     | Indirect Cost  | Value Added Tax               |                          |                    |  |  |  |
|     | Subtotal   |                               |                          |                    | The state of the s |  |  |
| н   | CONCRETE, MASONRY and PLASTERING WORKS Partition wall and lavatory of  | counter at to                 | ilet                     |                    |  |  |  |
| 2.1 | CONCRETE, MASONRY and PLASTERING WORKS   | Qty.                          | Unit                     | Unit Cost          | Total Cost   |  |  |
|     | 4" CHB   |                               | nos                      |                    |  |  |  |
|     | Screned Sand   |                               | pcs                      |                    |  |  |  |
|     | Gravel   | 1                             | bags                     |                    |  |  |  |
|     | Portland Cement  | 1                             | bags                     |                    |  |  |  |
|     | # 16 Tie Wire  |                               | bags                     |                    |  |  |  |
|     | THE CONTRACTOR OF THE CASE   | 1                             | kg                       |                    |  |  |  |
|     | 12mm Deformed bars   |                               | lgt                      |                    |  |  |  |
|     | 10mm Deformed bars   |                               | lgt                      |                    |  |  |  |
|     | 2"x2"x10" Rough Lumber   | -                             | lgt                      |                    |  |  |  |
|     | 12mm THK Ordinary Plywood  | -                             | sheet                    |                    |  |  |  |
|     | Consumables  | -                             |                          |                    |  |  |  |
|     | Direct Cost  | Material Cost                 |                          |                    |  |  |  |
|     |  | Labor Cost  Total Direct Cost |                          |                    |  |  |  |
|     |  | O.C.M and Profit              |                          |                    |  |  |  |
|     | Indirect Cost  | Value Added Tax               |                          |                    |  |  |  |
|     | Subtotal   |                               |                          |                    |  |  |  |
| Ш   | TILE & STONE WORKS. Supply and installation of floor tiles, wall tiles and gran  | nite countert                 | op (as per pl            | an and specificati | ons)   |  |  |
| 3.1 | TILE & STONE WORKS   | Qty.                          | Unit                     | Unit Cost          | Total Cost   |  |  |
|     | 800 x 800 non skid floor tile  |                               | pcs                      |                    |  |  |  |
|     | 600 x 600 non skid floor tile  |                               | pcs                      |                    |  |  |  |
|     | 600 x 600 wall tile  |                               | pcs                      |                    |  |  |  |
|     | 25mm THK Granite Slab  |                               | рс                       |                    |  |  |  |
|     | Screened sand  | -                             | cu.m.                    |                    |  |  |  |
|     | Heavy duty Tile adhesive   |                               | bags                     |                    |  |  |  |
|     | Tile adhesive (for flooring)   |                               | bags                     |                    |  |  |  |
|     | portland cement  |                               | bags                     |                    |  |  |  |
|     | Tile Grout   | -                             | packs                    |                    |  |  |  |
|     | Consumables  | -                             | lot                      |                    |  |  |  |
|     | Direct Cost  | -                             | Material C               |                    |  |  |  |
|     | Direct Cost  |                               | Labor Co<br>Total Direct |                    |  |  |  |
|     |  | 1                             | IOIOI DIRECT             | COSI               |  |  |  |















|    | Item of Work/Description  | Qty.                            | Unit              | Unit Cost | Total Cost |  |
|----|---|---------------------------------|-------------------|-----------|------------|--|
|    |   |                                 | Value Adde        | ed Tax    |            |  |
|    | Subtotal  |                                 |                   |           |            |  |
| V. | <b>ELECTRICAL WORKS</b> . To supply and install electrical wires, fixtures, panel board, switches, outlets and other necessary materials/device needed to complete the work as per specified on plans and specifications. |                                 |                   |           |            |  |
| .1 | ELECTRICAL WORKS  | Qty.                            | Unit              | Unit Cost | Total Cost |  |
|    | Small Directional Magnetic tracklight (warmwhite)   |                                 | sets              |           | _          |  |
|    | Surface mounted magnetic trackbar (1M x 26.5mm x 53mm)  |                                 | sets              |           |            |  |
|    | Accessories Hanging Wire for Surfaced Magnetic Trackbar   |                                 | sets              |           |            |  |
|    | 18watts Fixed Magnetic Diffused Linear Light (L:605mm)  |                                 | pcs               |           |            |  |
|    | Single-Colored Round Recessed type Slim Downlight (9w)  |                                 | pcs               |           |            |  |
|    | Single-Colored Round Recessed type Slim Downlight(12w)  |                                 | pcs               |           |            |  |
|    | LED Driver for Magnetic Trackbar  | _                               | pcs               |           |            |  |
|    | Silicone Flexible LED lights (warmwhite)  |                                 | mts               | _         |            |  |
|    | LED Driver  |                                 | sets              |           |            |  |
|    | Duplex convenience outlet   |                                 | sets              |           |            |  |
|    | Special purpose outlet  |                                 | sets              |           |            |  |
|    | GFCI outlet   |                                 | sets              |           |            |  |
|    | Switch 3 gang   |                                 | sets              |           |            |  |
|    | Switch 2 gang   |                                 | sets              | _         |            |  |
|    | Switch 1 gang   |                                 | sets              |           |            |  |
|    | Wall mounted Exhaust fan  |                                 | sets              |           |            |  |
|    | 8 Branches Panel Board with 1-60A 2P, 2-15A 2P, 1-20A 2P, 2-30A 2P Circuit<br>Breaker   |                                 | sets              |           |            |  |
| _  | 14.0 mm THHN wire   |                                 | mts               |           |            |  |
|    | 3.5 mm THHN wire  |                                 | box               |           |            |  |
|    | 5.5 mm THHN wire  |                                 | box               |           |            |  |
| _  | Junction box  |                                 | pcs               |           |            |  |
|    | Utility box   |                                 | pcs               |           |            |  |
|    | PVC conduit   |                                 | lgt               |           |            |  |
|    | Consumables   |                                 | lot               |           |            |  |
|    | Direct Cost   |                                 | Material (        |           |            |  |
| _  | 5,00,000  |                                 | Total Direct      |           |            |  |
|    | Indica et Cast  |                                 | O.C.M and         |           |            |  |
|    | Indirect Cost   |                                 | Value Adde        | ed Tax    |            |  |
| _  | Subtotal  |                                 |                   |           |            |  |
| 1. | PLUMBING FIXTURES & PLUMBING LINES. Replacement of old fixtures and plur  | mbing lines                     |                   |           |            |  |
| .1 | PLUMBING FIXTURES & PLUMBING LINES.   | Qty.                            | Unit              | Unit Cost | Total Cost |  |
|    | Tank Type Water Closet with dual flush  |                                 | set               |           |            |  |
|    | Urinal with accessories   |                                 | set               | _         |            |  |
|    | Under Counter Lavatory with accessories   |                                 | set               |           |            |  |
|    | Stainless Faucet  |                                 | set               |           |            |  |
|    | Stainless Steel Bidet   |                                 | set               |           |            |  |
|    | Floor Drain   |                                 | sets              |           |            |  |
|    | Stainless Grab bar  |                                 |                   |           |            |  |
|    | Plumbing Lines & Fiftings   |                                 | pcs               |           |            |  |
|    | Consumables   |                                 | lot               |           |            |  |
|    | South Hamila  |                                 | lot<br>Material ( | Cort      |            |  |
|    | Direct Cost   | Direct Cost Labor               |                   |           |            |  |
|    |   | Labor Cost<br>Total Direct Cost |                   |           |            |  |
|    |   |                                 |                   |           |            |  |
|    | Indirect Cost   |                                 | O.C.M and         | Profit    |            |  |















|       | Item of Work/Description   | Qty.                        | Unit              | Unit Cost           | Total Cost   |  |  |
|-------|--|-----------------------------|-------------------|---------------------|--|--|--|
| VI.   | SPECIALTY WORKS. Supply and installation of Mirror with backlights and PVC fluted panels at wall and ceiling including frames and other necessary materials to complete the work (as per plan and specifications.) |                             |                   |                     |  |  |  |
| 6.1   | SPECIALTY WORKS  | Qty.                        | Unit              | Unit Cost           | Total Cost   |  |  |
|       | PVC Flutted Panels   |                             | ncs               |                     |  |  |  |
|       | Wall Mirror with backlights 75cm x 120 cm  |                             | pcs               |                     |  |  |  |
|       | Metal furring  |                             | lengths           |                     |  |  |  |
|       | Concrete nails 1"  |                             |                   |                     |  |  |  |
|       | Black screw  |                             | kg                |                     |  |  |  |
|       | Liquid nails   |                             | box               |                     |  |  |  |
|       | Consumables  |                             | tubes             |                     |  |  |  |
|       | Consultation .   |                             | lot<br>Material ( | Cost                |  |  |  |
|       | Direct Cost  |                             | Labor Co          |                     |  |  |  |
|       |  |                             | Total Direct      |                     |  |  |  |
|       |  |                             | O.C.M and         |                     |  |  |  |
|       | Indirect Cost  |                             | Value Adde        |                     |  |  |  |
|       | Subtotal Subtotal  |                             |                   |                     | · Selection in the sele |  |  |
|       |  |                             |                   |                     |  |  |  |
| VII.  | FENESTRATION. Supply and installation of doors and windows as per plans a  | nd specifico                | tion.             |                     |  |  |  |
| 7.1   | DOORS AND WINDOWS.   | Qty.                        | Unit              | Unit Cost           | Total Cost   |  |  |
|       |  |                             |                   |                     |  |  |  |
|       | Pvc Door Panel With Louver and cylindrical doorknob (70cm x 210cm)   |                             | set               | 1                   |  |  |  |
|       | Powder Coated Aluminum Frame With 4.5mm Thk Smoke Glass (500mm X   |                             | 2000              |                     |  |  |  |
|       | 800mm; Sliding Window, S-S) Powder Coated Aluminum Frame With 4.5mm Thk Smoke Glass (400mm X   |                             | set               |                     |  |  |  |
|       | 600mm; Sliding Window, S-S)  |                             | set               | 1 1                 |  |  |  |
|       | Powder Coated Aluminum Frame With 4.5mm Thk Smoke Glass (200mm X   |                             |                   |                     |  |  |  |
|       | [800mm; Fixed Window, S-S]   |                             | set Material (    | Cost                |  |  |  |
|       | Direct Cost  | Material Cost<br>Labor Cost |                   |                     |  |  |  |
|       | Direct Cost  |                             | Total Direct      |                     |  |  |  |
|       |  | O.C.M and Profit            |                   |                     |  |  |  |
|       | Indirect Cost  | Value Added Tax             |                   |                     |  |  |  |
|       | Subtotal   |                             |                   |                     |  |  |  |
|       | Subfoldi   |                             |                   |                     |  |  |  |
| VIII. | CEILING AND CARPENTRY WORKS. To replace old ceiling and installation of b  | oacking for t               | WPC wall pa       | nels, as per plan o | and specification  |  |  |
| 8.1   | CEILING AND CARPENTRY WORKS.   | Qty.                        | Unit              | Unit Cost           | Total Cost   |  |  |
| 0.1   | 5 mm THK Fiber cement board  | Q,y.                        |                   | Onn Cost            | Total Cost   |  |  |
|       | Metal Studs  |                             | shts              |                     |  |  |  |
|       | Metal Furring  |                             | lengths           |                     |  |  |  |
|       | Wall Angle   | -                           | lengths           |                     |  |  |  |
|       | 1" Concrete nails  |                             | lengths           |                     |  |  |  |
|       | 1 POW STILE TO A POWER   |                             | kg                |                     |  |  |  |
|       | Alum blind rivets  |                             | box               |                     |  |  |  |
|       | Metal drill bits   |                             | pcs               |                     |  |  |  |
|       | Consumables  |                             | lot<br>Material C | Cost                |  |  |  |
|       | Direct Cost  |                             | Material C        |                     |  |  |  |
|       |  |                             | Total Direct      |                     |  |  |  |
|       | W Carrier and Long   | O.C.M and Profit            |                   | Profit              |  |  |  |
|       | Indirect Cost  | Value Added Tax  Subtotal   |                   |                     |  |  |  |















|     |   | Item of Work/Description                      | Qly.             | Unit                     | Unit Cost | Total Cost |  |
|-----|---|---|------------------|--------------------------|-----------|------------|--|
| IX  | PAINTING WORKS .  | Painting of walls and newly installed ceiling | ,                |                          |           | F = -      |  |
| 9.1 | PAINTING WORKS  |   | Qty.             | Unit                     | Unit Cost | Total Cost |  |
|     | A. CEILING (Ficern board and concrete surfaces) Flat liquid tile Paint finish (Full Putty/skim coat)  |   |                  |                          |           |            |  |
|     | Skimcoat Sk-2   |   |                  | pails                    |           |            |  |
|     | Flat Liquid tile paint  |   |                  | pails                    |           | 1          |  |
|     | Liquid tile reducer   |   |                  | gal                      |           |            |  |
|     | Paint roller with par   | n   |                  | sets                     |           |            |  |
|     | Paint roller  |   |                  | pcs                      |           |            |  |
|     | paint brush   |   |                  | pcs                      |           |            |  |
|     | Consumables (sand   | ding paper, masking tape, others)             |                  | lot                      |           |            |  |
| 9.2 | B. MASONRY WALL (REPAINTING OF WALL SURFACES) Flat liquid tile paint basecoat and semi gloss liquid tile Paint topcoat (Full Putty, coat; verify color) |   |                  |                          |           |            |  |
|     | Skimcoat Sk-2   |   |                  | pails                    |           |            |  |
|     | Flat Liquid tile paint  |   | pails            |                          |           |            |  |
|     | Semi gloss Liquid tile  | e paint                                       |                  | pails                    |           |            |  |
|     | Liquid tile reducer   |   |                  | gal                      |           |            |  |
|     | Paint roller with par   | n   |                  | sets                     |           |            |  |
|     | Paint roller  |   |                  | pcs                      |           |            |  |
|     | paint brush   |   |                  | pcs                      |           |            |  |
|     | Consumables (sand   | ding paper, masking tape, others)             |                  | lot                      |           |            |  |
|     | Simul Cod   |   |                  | Material C               |           |            |  |
|     | -   | Direct Cost                                   |                  | Labor Co<br>Total Direct |           |            |  |
|     |   |   | O.C.M and Profit |                          |           |            |  |
|     |   | Indirect Cost                                 |                  | Value Adde               | ed Tax    |            |  |
|     | Subtotal Subtotal   |   |                  |                          |           |            |  |
|     |   | BREAKDOWN OF PR                               | ROJECT COST      |                          |           |            |  |
|     | DIRECT COST   |   |                  |                          |           |            |  |
|     | DIRECT COST Labor Cost Total Direct Cost  |   |                  |                          |           |            |  |
|     |   | O.C.M. and Profit                             |                  |                          |           |            |  |
|     | INDIRECT COST   | Tax   |                  |                          |           |            |  |
|     |   | Total Project Bid Cost                        | (Php)            |                          |           |            |  |

| Submitted by: |                   |                                  |
|---------------|-------------------|----------------------------------|
|               | Contractor Bidder | Owner/ Authorized Representative |
|               | Confidence Bloder | Owner/ Aumorzea Representative   |
|               |                   |                                  |
|               | Address           | Date                             |













