

## [Bidder's Letterhead]

[Date ]

To: Tarlac State University

Re: [Invitation to Bid No. ]

### BILL OF QUANTITIES

| Item No.   | Work Description                                                                                                        | Materials,<br>supplies, etc. |      | Work Item |      | Direct Cost                      | Indirect Cost                                             | Total Direct &<br>Indirect Cost | Value Added Tax | Total Cost |
|------------|-------------------------------------------------------------------------------------------------------------------------|------------------------------|------|-----------|------|----------------------------------|-----------------------------------------------------------|---------------------------------|-----------------|------------|
|            |                                                                                                                         | Quantity                     | Unit | Quantity  | Unit | Materials, Labor, &<br>Equipment | Overhead,<br>Contingencies,<br>Miscellaneous, &<br>Profit |                                 |                 |            |
| (1)        | (2)                                                                                                                     | (3)                          | (4)  | (5)       | (6)  | (7)                              | (8)                                                       | (9)                             | (10)            | (11)       |
| <b>1.0</b> | <b>GENERAL REQUIREMENTS</b>                                                                                             |                              |      |           |      |                                  |                                                           |                                 |                 |            |
| <b>1.1</b> | <b>Mobilization &amp; Demobilization</b>                                                                                |                              |      | 1         | lot  |                                  |                                                           |                                 |                 |            |
| <b>1.2</b> | <b>Construction Occupational Safety and Health</b>                                                                      |                              |      | 1         | lot  |                                  |                                                           |                                 |                 |            |
| <b>1.3</b> | <b>Project Billboard/Signboard , Temporary Facility, and Barricade</b>                                                  |                              |      | 1         | lot  |                                  |                                                           |                                 |                 |            |
| <b>1.4</b> | <b>Permits and Clearances</b>                                                                                           |                              |      | 1         | lot  |                                  |                                                           |                                 |                 |            |
|            |                                                                                                                         |                              |      |           |      |                                  |                                                           |                                 | Sub-Total       |            |
| <b>2.0</b> | <b>ARCHITECTURAL WORKS</b>                                                                                              |                              |      |           |      |                                  |                                                           |                                 |                 |            |
| <b>2.1</b> | <b>Ceiling Works</b>                                                                                                    |                              |      |           |      |                                  |                                                           |                                 |                 |            |
| 2.1.1      | 4.50mm thk. Fiber Cement Board on Metal Framing System                                                                  |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.1.2      | 15.0mm thk. Gypsum Board on Metal Framing System                                                                        |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.1.3      | 30.0mm thk. Fluted WPC Ceiling Panel on Metal Framing System with complete accessories                                  |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.1.4      | 7.50mm thk. WPC Ceiling Panel on Metal Framing System with complete accessories                                         |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.1.5      | 0.50mm thk. Spandrel Ceiling on Metal Framing System with complete accessories                                          |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| <b>2.2</b> | <b>Painting Works</b>                                                                                                   |                              |      |           |      |                                  |                                                           |                                 |                 |            |
| 2.2.1      | Flat Latex Paint Finish on Ceiling (including surface preparation, primer, and top coat)                                |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.2.2      | Semi-Gloss Latex Paint Finish on Comfort Room Walls (including surface preparation, primer, and top coat)               |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.2.3      | Stucco Paint Finish on Walls (including surface preparation, primer, and top coat)                                      |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| <b>2.3</b> | <b>Floor Finishes</b>                                                                                                   |                              |      |           |      |                                  |                                                           |                                 |                 |            |
| 2.3.1      | (FF-2) - 0.60m x 0.60m Terrazo Ceramic Floor Tiles including adhesive, grout, and topping                               |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.3.2      | (FF-3) - 0.60m x 0.60m Non-Skid Porcelain Floor Tiles including adhesive, grout, and topping                            |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.3.3      | (FF-4) - No. 12 Sieved Pebble Washout Finish                                                                            |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| <b>2.4</b> | <b>Wall Finishes</b>                                                                                                    |                              |      |           |      |                                  |                                                           |                                 |                 |            |
| 2.4.1      | (WF-5) - 4" x 8" x 2" thk. Terracotta Brick Soldier Pattern Finish (includes mortar, grout, waterproofing and adhesive) |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| 2.4.2      | (WF-6) - 0.30m x 0.60m Glazed Wall Tiles (includes mortar, grout, waterproofing and adhesive)                           |                              |      |           | sq.m |                                  |                                                           |                                 |                 |            |
| <b>2.5</b> | <b>Steel and Welding Works</b>                                                                                          |                              |      |           |      |                                  |                                                           |                                 |                 |            |

|            |                                                                                                                                                                                                      |                  |  |   |     |  |  |  |  |  |
|------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|--|---|-----|--|--|--|--|--|
| 2.5.1      | Fabrication and Installation of Aluminum Composite Panel (ACP) Façade Cladding System, including Supporting Framing, Perforated Metal Sheet and complete accessories                                 |                  |  | 1 | lot |  |  |  |  |  |
| 2.5.2      | Fabrication and Installation of Stainless Steel Stair Railings with Galvanized Crimped Weave Wire Mesh including framing system and complete accessories                                             |                  |  | 1 | lot |  |  |  |  |  |
| 2.5.3      | Fabrication and Installation of Hallway and Fire Exit Railings with Galvanized Crimped Weave Wire Mesh including framing system and complete accessories                                             |                  |  | 1 | lot |  |  |  |  |  |
| 2.5.4      | Fabrication and Installation of Fire Exit Ladder made of Steel Framing with Galvanized Crimped Weave Wire Mesh including painting and complete accessories                                           |                  |  | 1 | lot |  |  |  |  |  |
| 2.5.5      | Fabrication and Installation of Brise Soleil made of Perforated Laser Cut Panels with Side Mounting Boarder, Mounting Bracket, Bolts, Washer, and Powder Coating                                     |                  |  | 1 | lot |  |  |  |  |  |
| <b>2.6</b> | <b>Finishing Works</b>                                                                                                                                                                               |                  |  |   |     |  |  |  |  |  |
| 2.6.1      | 3.0mm thk. Clear Acrylic Signages with Proportioned Lettering and Fixing Bolt Screws                                                                                                                 |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.2      | 1.50m x 1.80m x 12.0mm thk. Compact Laminated Board Cubicle Partition with complete accessories (stainless steel foot support, hinges, brackets, indicator lock, handle, door stopper, etc.)         |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.3      | 0.50m x 1.20m x 12.0mm thk. Compact Laminated Board Urinal Partition with Stainless Steel Bracket                                                                                                    |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.4      | 3/4" thk. Medium Density Fiber (MDF) Board with Laminated Edging for Janitor Closets and Counter Top Cabinets (Faculty Office, Director's Office & Breast Feeding Station) with complete accessories |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.5      | 32mm ø Stainless Steel Grab Bars for PWD Comfort Room with complete accessories (mounting flange, escutcheon, bolts, anchor, washer, etc.)                                                           |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.6      | 30.0mm thk. Indoor Fluted WPC Panel on Metal Framing System with complete accessories                                                                                                                |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.7      | 0.40m Stainless Steel "CENTER FOR SOLAR TECHNOLOGY AND INNOVATION BUILDING" Lettering (font: arial) - heavy duty hairline stainless gauge #18, 2" build up sidings and stainless pin mounted         |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.8      | 9.0mm thk. Fiber Cement Board on Metal Framing System with Paint Finish for Whiteboard Wainscot                                                                                                      |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.9      | 1/4" thk. White Graphicoat Tempered Glass Board with White Powder Coated 3/4" x 3/4" Angular in 3/4" Plywood with complete accessories (Fixed and Sliding Whiteboard)                                |                  |  | 1 | lot |  |  |  |  |  |
| 2.6.10     | 1.20m ø Stainless Steel "TSU" Logo - Hairline Stainless Gauge No. 18, 2" Build Up Sidings, Mounting Pin, and Sticker                                                                                 |                  |  | 1 | lot |  |  |  |  |  |
| <b>2.7</b> | <b>Doors</b>                                                                                                                                                                                         |                  |  |   |     |  |  |  |  |  |
| 2.7.1      | Single Swing Steel Louver Door on G.I Tubular Framing with complete accessories ( Pipe Chase)                                                                                                        |                  |  | 3 | set |  |  |  |  |  |
|            |                                                                                                                                                                                                      | <b>Sub-Total</b> |  |   |     |  |  |  |  |  |
| <b>3.0</b> | <b>ELECTRICAL WORKS</b>                                                                                                                                                                              |                  |  |   |     |  |  |  |  |  |
| 3.1        | Lighting System                                                                                                                                                                                      |                  |  | 1 | lot |  |  |  |  |  |
| 3.2        | Power Outlet System                                                                                                                                                                                  |                  |  | 1 | lot |  |  |  |  |  |
| 3.3        | Electrical Equipment Room and Feeder Lines                                                                                                                                                           |                  |  | 1 | lot |  |  |  |  |  |
|            |                                                                                                                                                                                                      | <b>Sub-Total</b> |  |   |     |  |  |  |  |  |
| <b>4.0</b> | <b>ELECTRONIC WORKS</b>                                                                                                                                                                              |                  |  |   |     |  |  |  |  |  |

|       |                                                                                                            |     |      |   |     |  |  |  |                                       |                           |
|-------|------------------------------------------------------------------------------------------------------------|-----|------|---|-----|--|--|--|---------------------------------------|---------------------------|
| 4.1   | Fire Detection and Alarm System                                                                            |     |      | 1 | lot |  |  |  |                                       |                           |
| 4.2   | Structured Cabling System                                                                                  |     |      |   |     |  |  |  |                                       |                           |
| 4.2.1 | Enterprise Wi-Fi Infrastructure (Active Network Equipment and Fiber Optic Backbone System)                 |     |      | 1 | lot |  |  |  |                                       |                           |
| 4.2.2 | LAN Network (Active Network Equipment and Fiber Optic Backbone System)                                     |     |      | 1 | lot |  |  |  |                                       |                           |
| 4.2.3 | Structured Cabling                                                                                         |     |      | 1 | lot |  |  |  |                                       |                           |
| 4.2.4 | Racks and Accessories                                                                                      |     |      | 1 | lot |  |  |  |                                       |                           |
|       |                                                                                                            |     |      |   |     |  |  |  | Sub-Total                             |                           |
| 5.0   | PLUMBING WORKS                                                                                             |     |      |   |     |  |  |  |                                       |                           |
| 5.1   | Sanitary Waste Pipes, Traps, and Fittings                                                                  |     |      | 1 | lot |  |  |  |                                       |                           |
| 5.2   | Water Supply, Pumps, and Tanks System                                                                      |     |      | 1 | lot |  |  |  |                                       |                           |
| 5.3   | Plumbing Fixtures and Accessories                                                                          |     |      | 1 | lot |  |  |  |                                       |                           |
| 5.4   | Septic Vault                                                                                               |     |      | 1 | lot |  |  |  |                                       |                           |
|       |                                                                                                            |     |      |   |     |  |  |  | Sub-Total                             |                           |
| 6.0   | MECHANICAL WORKS                                                                                           |     |      |   |     |  |  |  |                                       |                           |
| 6.1   | Automatic Fire Sprinkler System                                                                            |     |      |   |     |  |  |  |                                       |                           |
| 6.1.1 | Floor Control Assembly                                                                                     |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.1.2 | Inspection Test Connection                                                                                 |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.1.3 | Pipes and Fittings                                                                                         |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.1.4 | Sprinklers Heads and Accessories                                                                           |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.1.5 | Miscellaneous                                                                                              |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.2   | Standpipe                                                                                                  |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.3   | Mechanical Ventilation                                                                                     |     |      | 1 | lot |  |  |  |                                       |                           |
| 6.4   | Elevator System                                                                                            |     |      | 1 | lot |  |  |  |                                       |                           |
|       |                                                                                                            |     |      |   |     |  |  |  | Sub-Total                             |                           |
| 7.0   | SUPPLY, DELIVERY, AND INSTALLATION OF AIRCONDITIONING SYSTEM & AUDIO VISUAL EQUIPMENT                      |     |      |   |     |  |  |  |                                       |                           |
| 7.1   | Airconditioning System                                                                                     |     |      |   |     |  |  |  |                                       |                           |
| 7.1.1 | Split Type: Wall Mounted, 1.0HP                                                                            | 3   | pcs. |   |     |  |  |  |                                       |                           |
| 7.1.2 | Split Type: Wall Mounted, 2.0HP                                                                            | 3   | pcs. |   |     |  |  |  |                                       |                           |
| 7.1.3 | Split Type: Wall Mounted, 2.5HP                                                                            | 22  | pcs. |   |     |  |  |  |                                       |                           |
| 7.1.4 | Split Type: Wall Mounted, 3.0HP                                                                            | 1   | pcs. |   |     |  |  |  |                                       |                           |
| 7.1.5 | Additional copper tubing beyond the included free 10 ft allowance for Split Type: Wall Mounted, 1.0HP      | 99  | ft.  |   |     |  |  |  |                                       |                           |
| 7.1.6 | Additional copper tubing beyond the included free 10 ft allowance for Split Type: Wall Mounted, 2.0HP      | 70  | ft.  |   |     |  |  |  |                                       |                           |
| 7.1.7 | Additional copper tubing beyond the included free 10 ft allowance for Split Type: Wall Mounted, 2.5HP      | 608 | ft.  |   |     |  |  |  |                                       |                           |
| 7.1.8 | Additional copper tubing beyond the included free 10 ft allowance for Split Type: Ceiling Cassette, 3.0 HP | 44  | ft.  |   |     |  |  |  |                                       |                           |
| 7.1.9 | PVC Cladding                                                                                               | 319 | ft.  |   |     |  |  |  |                                       |                           |
| 7.2   | Audio Visual Equipment                                                                                     |     |      |   |     |  |  |  |                                       |                           |
| 7.2.1 | 65" Smart Television with complete accessories                                                             | 10  | set  |   |     |  |  |  |                                       |                           |
|       |                                                                                                            |     |      |   |     |  |  |  | Sub-Total                             |                           |
|       |                                                                                                            |     |      |   |     |  |  |  |                                       |                           |
|       | <b>Total Bid Price</b>                                                                                     |     |      |   |     |  |  |  | (State total amount of Bid in words ) | (Total amount in figures) |

[Signature]

[Name of Authorized Signatory]

[Position/Title of Authorized Signatory]