

## BILL OF QUANTITIES

Project : COMPLETION OF PSHS ACADEMIC BUILDING  
 Location : Agham Road, Diliman Quezon City  
 Owner : Philippine Science High School Main Campus  
 Date : February 18, 2022



| Item No.      | Description  | Unit  | Qty       | Materials |        | Labor     |        | Direct Cost | Mark Ups |        |     | Indirect Cost | Unit Cost | Total Cost |
|---------------|--|-------|-----------|-----------|--------|-----------|--------|-------------|----------|--------|-----|---------------|-----------|------------|
|               |  |       |           | Unit cost | Amount | Unit cost | Amount |             | OCM      | Profit | VAT |               |           |            |
| <b>DIV. 1</b> | <b>GENERAL REQUIREMENTS</b>  |       |           |           |        |           |        |             | 12%      | 8%     | 5%  |               |           |            |
| 1.1           | Complete Support Utilities (Field Office for the General Contractor; Storage and Fabrication Sheds; Dewatering Facilities and Drains; Temporary Enclosure; Temporary Stairs, Lifts, and Hoists; Temporary Exterior Lighting; Collection and Disposal of Waste and Oaring ; Temporary Environmental Controls; and Temporary Barracks for On-Site Laborers/Man Power | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 1.2           | Complete Supply of Health, Safety and Security (Rrst Aid Facilities; Health and Safety Officer; Security Guards for Site and Agency; Temporary Are Protection; Barricades, Warning Signs and Lights; Environmental Protection and Traffic Ways   | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 1.3           | Supply and Installation of Project Signs Complete  | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 1.4           | Demobilization   | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 1.5           | Others (Specify)   | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
|               | <b>SUB- TOTAL OF GENERAL REQUIREMENTS</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV. 3</b> | <b>CONCRETE</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 3.1           | <b>Complete Supply and Installation of Reinforcing Bars Grade 40 as per Plans, Drawing Details and Specifications</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.1         | Column   | kgs.  | 2,496.48  |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.2         | Beams  | kgs.  | 1,401.51  |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.3         | Slabs  | kgs.  | 1,454.69  |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.4         | Fire Exit Stairs   | kgs.  | 2,182.47  |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.5         | Main Stairs & Observatory Stair  | kgs.  | 2,981.25  |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.6         | Bleacher   | kgs.  | 11,417.03 |           |        |           |        |             |          |        |     |               |           |            |
| 3.1.7         | Others (Specify): G.I. Tie wires   | kgs.  | 772.06    |           |        |           |        |             |          |        |     |               |           |            |
| 3.2           | <b>Complete Supply and Installation of Formworks as per specifications</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.1         | Column   | sq.m. | 52.68     |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.2         | Beams  | sq.m. | 42.04     |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.3         | Slabs  | sq.m. | 81.19     |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.4         | Fire Exit Stairs   | sq.m. | 81.50     |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.5         | Main Stairs & Observatory Stair  | sq.m. | 115.58    |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.6         | Corbel Trusses   | sq.m. | 84.79     |           |        |           |        |             |          |        |     |               |           |            |
| 3.2.7         | Bleacher   | sq.m. | 71.67     |           |        |           |        |             |          |        |     |               |           |            |
| 3.3           | <b>Complete Supply and Installation of concrete as per Plans, Drawing Details and Specifications</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.1         | Column   | cu.m. | 22.21     |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.2         | Beams  | cu.m. | 8.70      |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.3         | Slabs  | cu.m. | 13.63     |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.4         | Fire Exit Stairs   | cu.m. | 9.85      |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.5         | Main Stairs & Observatory Stair  | cu.m. | 30.43     |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.6         | Corbel Trusses   | cu.m. | 15.98     |           |        |           |        |             |          |        |     |               |           |            |
| 3.3.7         | Bleacher   | cu.m. | 73.07     |           |        |           |        |             |          |        |     |               |           |            |
| 3.4           | Pre-Cast   | sq.m. | 530.96    |           |        |           |        |             |          |        |     |               |           |            |
|               | <b>SUB- TOTAL OF CONCRETE</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV. 4</b> | <b>MASONRY</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 4.1           | <b>Complete Supply and Installation of Hollow Blocks (CHB) as per Plan, Drawing Details and Specifications</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 4.1.1         | 150mm \ 5"Thk. CHB, Including Steel Reinforcement, Mortar and Tie Wires, Complete  | sq.m. | 1,894.07  |           |        |           |        |             |          |        |     |               |           |            |
| 4.2           | <b>Complete Supply and Installation of Concrete Zocallo as per Plan, Drawing Details and Specifications</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 4.2.1         | 150mm Thk. Zocallo   | l.m.  | 313.41    |           |        |           |        |             |          |        |     |               |           |            |
| 4.3           | <b>Complete Supply and Installation of Lintel Beam as per Plan, Drawing Details and Specifications</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 4.3.1         | 150mm Thk. Lintel Beam   | l.m.  | 237.07    |           |        |           |        |             |          |        |     |               |           |            |
| 4.4           | <b>Complete Supply and Installation of Stiffener Column as per Plan, Drawing Details and Specifications</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 4.4.1         | 150mm Thk. Stiffener Column  | l.m.  | 409.85    |           |        |           |        |             |          |        |     |               |           |            |
|               | Others (Specify)   | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |

| Item No.     | Description   | Unit  | Qty       | Materials |        | Labor     |        | Direct Cost | Mark Ups |        |     | Indirect Cost | Unit Cost | Total Cost |
|--------------|---|-------|-----------|-----------|--------|-----------|--------|-------------|----------|--------|-----|---------------|-----------|------------|
|              |   |       |           | Unit cost | Amount | Unit cost | Amount |             | OCM      | Profit | VAT |               |           |            |
|              | <b>SUB- TOTAL OF MASONRY</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV.5</b> | <b>METALS</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>5.1</b>   | <b>Complete Supply and Installation of Steel Roof Framing System as per Plan, Drawing Details and Specifications</b>                        |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 5.1.1        | Steel Trusses   | kgs.  | 36,386.93 |           |        |           |        |             |          |        |     |               |           |            |
| 5.1.2        | Purlins   | kgs.  | 44,597.54 |           |        |           |        |             |          |        |     |               |           |            |
| 5.1.3        | Sag Rod & Cross Bracing Support Connection & Accessories  | kgs.  | 1,606.60  |           |        |           |        |             |          |        |     |               |           |            |
|              | <b>SUB- TOTAL OF METAL</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV.7</b> | <b>THERMAL AND MOISTURE PROTECTION</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>7.1</b>   | <b>Complete Supply and Installation of Roofing System as per Plan, Drawing Details and Specifications</b>                                   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 7.1.1        | Rib-Type, Pre-Insulated Sandwich, Pre-Painted Long Span Roofing Panels  | sq.m. | 1,450.00  |           |        |           |        |             |          |        |     |               |           |            |
| 7.1.2        | Roofing Accessories (Gutter, Rashing , Ridge Roll, etc. )   | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| <b>7.2</b>   | <b>Complete Supply and Installation of Waterproofing System as per Plan, Drawing Details and Specifications</b>                             |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 7.2.1        | WP-1 - Polyurethane Membrane Waterproofing (Deck water proofing and Toilets)  | sq.m. | 632.60    |           |        |           |        |             |          |        |     |               |           |            |
| 7.2.2        | WP-2 - Acrylic Polymer Cementitious Waterproofing system (Ledges and parapet wall)  | sq.m. | 835.80    |           |        |           |        |             |          |        |     |               |           |            |
| 7.2.4        | WP-4 - Nanoblock Waterproofing  | sq.m. | 14.20     |           |        |           |        |             |          |        |     |               |           |            |
| 7.2.5        | WP-5 - Nanoblock Waterproofing with Water Tank Lining   | sq.m. | 713.00    |           |        |           |        |             |          |        |     |               |           |            |
| 7.3          | Others (Specify)  | lot   | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
|              | <b>SUB- TOTAL OF THERMAL &amp; MOISTURE PROTECTION</b>  |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV.8</b> | <b>OPENINGS</b>   |       |           |           |        |           |        |             |          |        |     |               |           |            |
| <b>8.1</b>   | <b>Complete Supply and Installation of Doors complete with door knobs &amp; accessories as per Plan, Drawing Details and Specifications</b> |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 8.1.1        | D-1a - Swing Type Grille Works (5300 x 2600)  | set/s | 2.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.1.2        | D-1d- Swing Type Grille Works (1600 x 2600)   | set/s | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.1.3        | D-1e- Swing Type Grille Works (1100 x 2600)   | set/s | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| <b>8.2</b>   | <b>Complete Supply and Installation of Windows complete with accessories as per Plan, Drawing Details and Specifications</b>                |       |           |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.1        | W-1a - Jalousie Window (1900x 2850mm)   | set/s | 3.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.2        | W-1b- Jalousie Window (5000 x 2400mm)   | set/s | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.3        | W-2a - Jalousie Window (6000 x 2400mm)  | set/s | 4.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.4        | W-2b- Jalousie Window (5000 x 2400mm)   | set/s | 2.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.5        | W-2c - Jalousie Window (3000 x 2400mm)  | set/s | 2.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.6        | W-3 -Jalousie Window (4000 x 1700mm)  | set/s | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.7        | W-4 - Jalousie Window (3000 x 1700mm)   | set/s | 5.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.8        | W-5- Jalousie Window (2000 x 1700mm)  | set/s | 18.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.9        | W-6a- Jalousie Window (1700 x 1700mm)   | set/s | 8.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.10       | W-6b- Jalousie Window (1600 x 1700mm)   | set/s | 8.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.11       | W-7- Jalousie Window (1500 x 1700mm)  | set/s | 42.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.12       | W-8- Jalousie Window (1400 x 1700mm)  | set/s | 17.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.13       | W-9 - Jalousie Window (1300 x 1700mm)   | set/s | 17.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.14       | W-10- Jalousie Window (1200 x 1700mm)   | set/s | 57.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.15       | W-11 -Jalousie Window (1100 x 1700mm)   | set/s | 44.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.16       | W-12 -Jalousie Window (1000 x 1700mm)   | set/s | 6.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.17       | W-13 -Jalousie Window (950 x 1700mm)  | set/s | 16.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.18       | W-14 -Jalousie Window (850 x 1700mm)  | set/s | 4.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.19       | W-15a -Jalousie Window (3000 x 750mm)   | set/s | 10.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.20       | W-15b -Jalousie Window (2000 x 750mm)   | set/s | 2.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.21       | W-15c -Jalousie Window (1600 x 750mm)   | set/s | 1.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.22       | W-15d -Jalousie Window (1500 x 750mm)   | set/s | 10.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.23       | W-15e -Jalousie Window (1400 x 750mm)   | set/s | 5.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.24       | W-15f -Jalousie Window (1000 x 750mm)   | set/s | 8.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.25       | W-16a- Jalousie Window & Aluminum Framed Fixed Glass Panels (6000 x 1700mm)   | sets  | 3.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.26       | W-16b- Jalousie Window & Aluminum Framed Fixed Glass Panels (5000 x 1700mm)   | sets  | 3.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.27       | W-16c- Jalousie Window & Aluminum Framed Fixed Glass Panels (4000 x 1700mm)   | sets  | 3.00      |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.28       | W-16d- Jalousie Window & Aluminum Framed Fixed Glass Panels (3000 x 1700mm)   | sets  | 10.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.29       | W-16e- Jalousie Window & Aluminum Framed Fixed Glass Panels (2000 x 1700mm)   | sets  | 9.00      |           |        |           |        |             |          |        |     |               |           |            |

| Item No.       | Description  | Unit  | Qty      | Materials |        | Labor     |        | Direct Cost | Mark Ups |        |     | Indirect Cost | Unit Cost | Total Cost |
|----------------|--|-------|----------|-----------|--------|-----------|--------|-------------|----------|--------|-----|---------------|-----------|------------|
|                |  |       |          | Unit cost | Amount | Unit cost | Amount |             | OCM      | Profit | VAT |               |           |            |
| 8.2.30         | W-16e- Jalousie Window & Aluminum Framed Fixed Glass Panels (1000 x 1700mm)  | sets  | 17.00    |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.31         | W-17- Aluminum Framed Fixed Glass Panels & Sliding Windows with Jalousie Transom (3000 x 750mm)  | set   | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.32         | W-18a- Aluminum Framed Fixed Glass Panels Transom (5000 x 750mm)   | set   | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.33         | W-18b- Aluminum Framed Fixed Glass Panels Transom (3000 x 750mm)   | set   | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.34         | W-19a- Jalousie Window (6750 x 3850mm)   | set   | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.35         | W-19b- Aluminum Framed Fixed Glass Panels with Jalousie (6750 x 3850mm)  | sets  | 2.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.2.36         | W-19c- Aluminum Framed Fixed Glass Panels with Jalousie (6750 x 2720mm)  | set   | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.3            | <b>Complete Supply and Installation of Glass Wall Partition with accessories as per Plan, Drawing Details and Specifications</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 8.3.1          | GP-1- Glass Wall Partition (5200 x 2600)   | sets  | 6.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.3.2          | GP-2- Glass Wall Partition (3725 x 2600)   | sets  | 3.00     |           |        |           |        |             |          |        |     |               |           |            |
| 8.4            | Others (Specify)   | lot   | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
|                | <b>SUB - TOTAL OF OPENINGS</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV.9</b>   | <b>FINISHES</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 9.2            | <b>Complete Supply and Application of Wall Finishes as per Plan, Drawing Details and Specifications</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 9.2.1          | WF-1a- Exterior CHB Wall (150mm Thick)   | sq.m. | 2,148.43 |           |        |           |        |             |          |        |     |               |           |            |
| 9.2.2          | WF-2a- Exterior Concrete Columns   | sq.m. | 714.89   |           |        |           |        |             |          |        |     |               |           |            |
| 9.2.3          | WF-3a- Exterior Parepet Walls and Ledges   | sq.m. | 1,639.60 |           |        |           |        |             |          |        |     |               |           |            |
| 9.2.4          | WF-4a- Exterior Pre-cast Concrete Wall   | sq.m. | 2,488.18 |           |        |           |        |             |          |        |     |               |           |            |
| 9.4            | Others (Specify)   |       |          |           |        |           |        |             |          |        |     |               |           |            |
|                | <b>SUB- TOTAL OF FINISHES</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV. 22</b> | <b>PLUMBING</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.2           | <b>Complete Supply and Installation of Sewer, Waste and Vent System as per Plans, Drawing Details and Specifications</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.1         | <b>Soil Stacks and Collector</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.1.1       | 100mmØ PVC Pipe Soil Stacks and Collector  | lm    | 347.85   |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.1.2       | 150mmØ PVC Pipe Soil Stacks and Collector  | lm    | 80.77    |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.1.3       | 200mmØ PVC Pipe Soil Stacks and Collector  | lm    | 238.75   |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.2         | <b>Horizontal Pipes</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.2.1       | 50mmØ PVC Horizontal Pipes   | lm    | 543.97   |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.7         | <b>Vent Stack and Vent Lines</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.7.1       | 50mmØ PVC Pipe Vent Stacks and Vent Lines  | l.m   | 737.25   |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.7.2       | 75mmØ PVC Pipe Vent Stacks and Vent Lines  | l.m   | 398.12   |           |        |           |        |             |          |        |     |               |           |            |
| 22.2.7.3       | 100mmØ PVC Pipe Vent Stacks and Vent Lines   | l.m   | 334.22   |           |        |           |        |             |          |        |     |               |           |            |
| 22.3           | <b>Complete Supply and Installation of Storm Drainage system, Downspout, Collector Perforated Perimeter Pipe Including Fittings and Accessories as per Plans, Drawing Details and Specifications</b> |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.1         | <b>Inside pipes: Downspout and collector</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.1.1       | 75mmØ Downspout and Collector  | l.m   | 700.80   |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.1.2       | 100mmØ Downspout and Collector   | l.m   | 127.00   |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.2         | <b>Outside Drainage Pipes</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.2.1       | 200mmØ Pvc Drainage Pipe   | l.m   | 10.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.2.2       | 250mmØ Pvc Drainage Pipe   | l.m   | 30.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.2.3       | 300mmØ Pvc Drainage Pipe   | l.m   | 35.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.2.4       | 350mmØ Pvc Drainage Pipe   | l.m   | 20.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.2.5       | 400mmØ Pvc Drainage Pipe   | l.m   | 38.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.3         | <b>Canopy Drain</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.3.1       | 75mmØ Canopy Drain   | pcs   | 4.00     |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.4         | <b>Area Drain/Catch Basin</b>  | pcs   | 19.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.5         | <b>Perforated Pipes</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.5.1       | 100mmØ Pvc Perforated Pipe   | l.m   | 30.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.6         | <b>Floor Drains</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.6.1       | 100mmØ Floor Drain   | pcs   | 14.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.7         | <b>Roof / Gutter Drains</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.7.1       | 100mmØ Roof/ Gutter Drain  | pcs   | 14.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.8         | <b>Condensate Drain Pipes and Fittings w/ Insulation</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.8.1       | 25mmØ Condensate Drain Pipes and Fittings with Insulation  | l.m   | 216.00   |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.8.2       | 50mmØ Condensate Drain Pipes and Fittings with Insulation  | l.m   | 480.00   |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.8.3       | 100mmØ Condensate Drain Pipes and Fittings with Insulation   | l.m   | 50.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.3.8.4       | 150mmØ Condensate Drain Pipes and Fittings with Insulation   | l.m   | 30.00    |           |        |           |        |             |          |        |     |               |           |            |
| 22.4           | <b>Supply and Installation of Equipments, Controllor and Accessories as per Plans, Drawing Details and Specifications</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |

| Item No.       | Description  | Unit  | Qty      | Materials |        | Labor     |        | Direct Cost | Mark Ups |        |     | Indirect Cost | Unit Cost | Total Cost |
|----------------|--|-------|----------|-----------|--------|-----------|--------|-------------|----------|--------|-----|---------------|-----------|------------|
|                |  |       |          | Unit cost | Amount | Unit cost | Amount |             | OCM      | Profit | VAT |               |           |            |
| 22.4.1         | Booster Pump, Cap./Unit = 90 GPM vs 250 FT. TOH, Approx.= 10 HP Each. 2-Duty, 1-Stand By & controller                                      | set/s | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 22.4.2         | Hydropneumatic tank (Diaphragm Tank) Cap. = 120 US Gals.   | set/s | 2.00     |           |        |           |        |             |          |        |     |               |           |            |
| 22.4.3         | Booster Pump Cap./Unit = 75 GPM vs 262 FT. TOH Approx.= 10 HP Each, 2-Duty, 1-Stand By & controller  | set/s | 1.00     |           |        |           |        |             |          |        |     |               |           |            |
| 22.5           | Others (Specify)   |       |          |           |        |           |        |             |          |        |     |               |           |            |
|                | <b>SUB-TOTAL OF PLUMBING</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
| <b>DIV. 26</b> | <b>ELECTRICAL</b>  |       |          |           |        |           |        |             |          |        |     |               |           |            |
| <b>26.1</b>    | <b>Tapping of Academic Building Power Supply Requirements to the Existing Power Source as per Plan, Drawing Details and Specifications</b> |       |          |           |        |           |        |             |          |        |     |               |           |            |
| 26.1.1         | Wire, 250mm² THHN/THW  | l.m   | 1,380.00 |           |        |           |        |             |          |        |     |               |           |            |
|                | <b>SUB - TOTAL OF ELECTRICAL</b>   |       |          |           |        |           |        |             |          |        |     |               |           |            |
|                | <b>TOTAL AMOUNT OF CONSTRUCTION</b>  |       |          |           |        |           |        |             |          |        |     |               |           | -          |