

SCAN HERE



PR-2025-0521-273401



Republic of the Philippines  
**VISAYAS STATE UNIVERSITY**  
Visca, Baybay City, Leyte

## PURCHASE REQUEST

PPMP No. : **PPMP-2025-050925-1163**

PR No.: **STF-2025-05-00653**

Date: **05-21-2025**

Dept./Office: **PPO**

Category: **Construction  
and Electrical Supplies**

Section/End-User: **Mario C. Bantugan**

Funding Source: **Special Trust Fund - Capital  
Outlay**

Project Title/Code: **Installation of Automatic Fire  
Sprinkler System and Fire Detection and Alarm System**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	1 VSU Staff Dormitory (IGP Dorm)	lot	1	859,409.50		859,409.50

**Specification:**

**AUTOMATIC FIRE SPRINKLER SYSTEM**

**General Requirements**

**Mobilization/Demobilization**

**Miscellaneous Expenses**

**Tools and equipment Rentals**

**Fire Code Fees**

**Pipes**

B.I. Threaded Pipes 2-1/2" x 6m, sch. 40

B.I. Threaded Pipes 2" x 6m, sch. 40

B.I. Threaded Pipes 1-1/2" x 6m, sch. 40

B.I. Threaded Pipes 1" x 6m, sch. 40

**Fittings**

Sight Glass 1"

Air Relief Valve 1"

Pressure Relief Valve (set at 150 psi)

Pressure Guage

Water Flow Switch 2-1/2"ø (Water Flow Sensor)

Ball Valve / Butterfly Valve 2 1/2"ø

Ball Valve / Butterfly Valve 2"ø

Check Valve 2 ½"ø Brass

Check Valve 2"ø Brass

Swing Valve 2 ½"ø Brass

Swing Valve 2"ø Brass

Flexible Connector 2"ø

Flange 2 ½"ø

Flange 2" ø

Flange 1 ½" ø

G.I. Threaded Coupling Reducer 2 ½" ø x 2" ø

G.I. Threaded Tee Reducer 2" ø x 1" ø

G.I. Threaded Coupling Reducer 2"ø x 1 ½"ø

G.I. Threaded Elbow 2 ½"ø x 90°

G.I. Threaded Tee 2 ½"ø x 2 ½"ø

G.I. Threaded Tee 2"ø x 2"ø

G.I. Threaded Elbow 2"ø x 90°

G.I. Threaded Elbow 1"ø x 90°

G.I. Threaded Tee 1"ø x 90°

G.I. Threaded Coupling Reducer 1"ø x ½"ø

Rubber Gasket Pad

Accessories

Sprinkler Head

Dyna Bolt ½"

Threaded Rod 10mm

Bolt and Nut ½"

10mm Nut w/ washer

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 ½ x 6m

Pump

Fire Pump 15 HP w/ Jockey Pump 5 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2" ø x 2 ½" ø x 2 ½" ø

Testing Connection 2½" ø x 2 ½" ø x 2 ½" ø

Fire Hose Cabinet w/ Complete Accessories

#### FIRE DETECTION AND ALARM SYSTEM

Alarm and Detector Devices

Smoke Detector Addressable

Alarm Switch Addressable

Alarm Bell Addressable

Control Panel 1 Loop Addressable

Accessories -

PVC Pipe - Electrical Conduit ½" x 3m

PVC Pipe - Electrical Conduit ¾" x 3m

PVC Pipe - Electrical Conduit 1" x 3m

Flexible Electrical Conduit 1"

PVC Pipe - Electrical Conduit Elbow ½"

PVC Pipe - Electrical Conduit Elbow ¾"

PVC Pipe - Electrical Conduit Elbow 1"

PVC Pipe - Junction Box Adapter W/Nut ½"

PVC Pipe - Junction Box Adapter W/Nut ¾"

Bolt and Nut 5mm

Junction Box w/ Cover

PVC Pipe - Wall Clip

Screw With Tox 6mm

Cable Ties 5mm x 300mm

TF Wire #16 Duplex

2	2 University Health Services (Infirmery)	lot	1	1,309,768.00		1,309,768.00
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**Specification:**

**AUTOMATIC FIRE SPRINKLER SYSTEM**

**General Requirements**

**Mobilization/Demobilization**

**Miscellaneous Expenses**

**Tools and equipment Rentals**

**Fire Code Fees**

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B.I. Threaded Pipes 2" x 6m, sch. 40

B.I. Threaded Pipes 1-1/2" x 6m, sch. 40

B.I. Threaded Pipes 1" x 6m, sch. 40

**Fittings**

Sight Glass 1"

Air Relief Valve 1"

Pressure Relief Valve (set at 150 psi)

Pressure Guage

Water Flow Switch 3"Ø (Water Flow Sensor)

Ball Valve / Butterfly Valve 2 1/2"Ø

Ball Valve / Butterfly Valve 2"Ø

Check Valve 2 1/2"Ø Brass

Check Valve 2"Ø Brass

Flexible Connector 2"Ø

Flange 2 1/2"Ø

Flange 2" Ø

Flange 1 1/2" Ø

G.I. Threaded Coupling Reducer 2 1/2" Ø x 2" Ø

G.I. Treaded Tee Reducer 2" Ø x 1" Ø

G.I. Threaded Coupling Reducer 2"Ø x 1 1/2"Ø

G.I. Threaded Elbow 2 1/2"Ø x 90°

G.I. Threaded Tee 2 ½"ø x 2 ½"ø

G.I. Threaded Tee 2"ø x 2"ø

G.I Threaded Elbow 2"ø x 90°

G.I Threaded Elbow 1"ø x 90°

G.I Threaded Tee 1"ø x 90°

G.I Threaded Coupling Reducer 1"ø x ½"ø

Rubber Gasket Pad

Accessories

Sprinkler Head

Dyna Bolt ½"

Bolt and Nut ½"

10mm Nut w/ washer

U Bolt W/ Nut

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 ½ x 6m

Pump

Fire Pump 15 HP w/ Jockey Pump 2 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2" ø x 2 ½ " ø x 2 ½ "ø

Testing Connection 2½" ø x 2 ½ " ø x 2 ½ "ø

Fire Hose Cabinet w/ Complete Accessories

#### FIRE DETECTION AND ALARM SYSTEM

Alarm and Detector Devices

Smoke Detector Addressable

Alarm Switch Addressable

Alarm Bell Addressable

Control Panel 1 Loop Addressable

**Accessories**

PVC Pipe - Electrical Conduit 1/2" x 3m

PVC Pipe - Electrical Conduit 3/4" x 3m

PVC Pipe - Electrical Conduit 1" x 3m

Flexible Electrical Conduit 1"

PVC Pipe - Electrical Conduit Elbow 1/2"

PVC Pipe - Electrical Conduit Elbow 3/4"

PVC Pipe - Electrical Conduit Elbow 1"

PVC Pipe - Junction Box Adapter W/Nut 1/2"

PVC Pipe - Junction Box Adapter W/Nut 3/4"

Bolt and Nut 5mm

Junction Box w/ Cover

PVC Pipe - Wall Clip

Screw With Tox 6mm

Cable Ties 5mm x 300mm

TF Wire #16 Duplex

3	3 Colleg of Forestry and Environmental Science	lot	1	2,500,133.00		2,500,133.00
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**Specification:**

**AUTOMATIC FIRE SPRINKLER SYSTEM**

General Requirements

Mobilization/Demobilization

Miscellaneous Expenses

Tools and equipment Rentals

Fire Code Fees

Pipes

B.I. Threaded Pipes 2-1/2" x 6m, sch. 40

B.I. Threaded Pipes 2" x 6m, sch. 40

B.I. Threaded Pipes 1-1/2" x 6m, sch. 40

B.I. Threaded Pipes 1" x 6m, sch. 40

## Fittings

Sight Glass 1"

Air Relief Valve 1"

Pressure Relief Valve (set at 150 psi)

Pressure Guage

Water Flow Switch 2-1/2"Ø (Water Flow Sensor)

Ball Valve / Butterfly Valve 2 1/2"Ø

Ball Valve / Butterfly Valve 2"Ø

Check Valve 2 1/2"Ø Brass

Check Valve 2"Ø Brass

Swing Valve 2 1/2"Ø Brass

Swing Valve 2"Ø Brass

Flexible Connector 2"Ø

Flange 2 1/2"Ø

Flange 2" Ø

Flange 1 1/2" Ø

G.I. Threaded Coupling Reducer 2 1/2" Ø x 2" Ø

G.I. Treaded Tee Reducer 2" Ø x 1" Ø

G.I. Threaded Coupling Reducer 2"Ø x 1 1/2"Ø

G.I. Threaded Elbow 2 1/2"Ø x 90°

G.I. Threaded Tee 2 1/2"Ø x 2 1/2"Ø

G.I. Threaded Tee 2"Ø x 2"Ø

G.I Threaded Elbow 2"Ø x 90°

G.I Threaded Elbow 1"Ø x 90°

G.I Threaded Tee 1"Ø x 90°

G.I Threaded Coupling Reducer 1"Ø x 1/2"Ø

Rubber Gasket Pad

## Accessories

Sprinkler Head

Dyna Bolt ½"

Threaded Rod 10mm

Bolt and Nut ½"

10mm Nut w/ washer

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 ½ x 6m

Pump

Fire Pump 15 HP w/ Jockey Pump 5 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2" Ø x 2 ½" Ø x 2 ½" Ø

Testing Connection 2 ½" Ø x 2 ½" Ø x 2 ½" Ø

Fire Hose Cabinet w/ Complete Accessories

#### FIRE DETECTION AND ALARM SYSTEM

Alarm and Detector Devices

Smoke Detector Addressable

Alarm Switch Addressable

Alarm Bell Addressable

Control Panel 2 Loops Addressable

Accessories

PVC Pipe - Electrical Conduit ½" x 3m

PVC Pipe - Electrical Conduit ¾" x 3m

PVC Pipe - Electrical Conduit 1" x 3m

Flexible Electrical Conduit 1"

PVC Pipe - Electrical Conduit Elbow ½"

PVC Pipe - Electrical Conduit Elbow ¾"

PVC Pipe - Electrical Conduit Elbow 1"

PVC Pipe - Junction Box Adapter W/Nut ½"



PVC Pipe - Junction Box Adapter W/Nut 3/4"

Bolt and Nut 5mm

Junction Box w/ Cover

PVC Pipe - Wall Clip

Screw With Tox 6mm

Cable Ties 5mm x 300mm

TF Wire #16 Duplex

4	4 College of Veterinary Medicine	lot	1	2,147,195.00		2,147,195.00
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**Specification:**

**AUTOMATIC FIRE SPRINKLER SYSTEM**

General Requirements

Mobilization/Demobilization

Miscellaneous Expenses

Tools and equipment Rentals

Fire Code Fees

Pipes

B.I. Threaded Pipes 2-1/2" x 6m, sch. 40

B.I. Threaded Pipes 2" x 6m, sch. 40

B.I. Threaded Pipes 1-1/2" x 6m, sch. 40

B.I. Threaded Pipes 1" x 6m, sch. 40

Fittings

Sight Glass 1"

Air Relief Valve 1"

Pressure Relief Valve (set at 150 psi)

Pressure Guage

Water Flow Switch 2-1/2"Ø (Water Flow Sensor)

Ball Valve / Butterfly Valve 2 1/2"Ø

Ball Valve / Butterfly Valve 2"Ø

Check Valve 2 1/2"Ø Brass

Check Valve 2"Ø Brass

Swing Valve 2 ½"ø Brass

Swing Valve 2"ø Brass

Flexible Connector 2"ø

Flange 2 ½"ø

Flange 2" ø

Flange 1 ½" ø

G.I. Threaded Coupling Reducer 2 ½" ø x 2" ø

G.I. Threaded Tee Reducer 2" ø x 1" ø

G.I. Threaded Coupling Reducer 2"ø x 1 ½"ø

G.I. Threaded Elbow 2 ½"ø x 90°

G.I. Threaded Tee 2 ½"ø x 2 ½"ø

G.I. Threaded Tee 2"ø x 2"ø

G.I Threaded Elbow 2"ø x 90°

G.I Threaded Elbow 1"ø x 90°

G.I Threaded Tee 1"ø x 90°

G.I Threaded Coupling Reducer 1"ø x ½"ø

Rubber Gasket Pad

Accessories

Sprinkler Head

Dyna Bolt ½"

Threaded Rod 10mm

Bolt and Nut ½"

10mm Nut w/ washer

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 ½ x 6m

Pump

Fire Pump 15 HP w/ Jockey Pump 5 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2"  $\varnothing$  x 2 1/2"  $\varnothing$  x 2 1/2"  $\varnothing$

Testing Connection 2 1/2"  $\varnothing$  x 2 1/2"  $\varnothing$  x 2 1/2"  $\varnothing$

Fire Hose Cabinet w/ Complete Accessories

**FIRE DETECTION AND ALARM SYSTEM**

Alarm and Detector Devices

Smoke Detector Addressable

Alarm Switch Addressable

Alarm Bell Addressable

Control Panel 2 Loops Addressable

Accessories

PVC Pipe - Electrical Conduit 1/2" x 3m

PVC Pipe - Electrical Conduit 3/4" x 3m

PVC Pipe - Electrical Conduit 1" x 3m

Flexible Electrical Conduit 1"

PVC Pipe - Electrical Conduit Elbow 1/2"

PVC Pipe - Electrical Conduit Elbow 3/4"

PVC Pipe - Electrical Conduit Elbow 1"

PVC Pipe - Junction Box Adapter W/Nut 1/2"

PVC Pipe - Junction Box Adapter W/Nut 3/4"

Bolt and Nut 5mm

Junction Box w/ Cover

PVC Pipe - Wall Clip

Screw With Tox 6mm

Cable Ties 5mm x 300mm

TF Wire #16 Duplex

5	5 Department of Mathematics, Physics, Statistics, Graduate School	lot	1	3,640,840.00		3,640,840.00
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**Specification:**

AUTOMATIC FIRE SPRINKLER SYSTEM

## General Requirements

Mobilization/Demobilization

Miscellaneous Expenses

Tools and equipment Rentals

Fire Code Fees

Pipes

B.I. Threaded Pipes 3" x 6m, sch. 40

B.I. Threaded Pipes 2-1/2" x 6m, sch. 40

B.I. Threaded Pipes 2" x 6m, sch. 40

B.I. Threaded Pipes 1-1/2" x 6m, sch. 40

B.I. Threaded Pipes 1" x 6m, sch. 40

Fittings

Sight Glass 1"

Air Relief Valve 1"

Pressure Relief Valve (set at 150 psi)

Pressure Gauge

Water Flow Switch 3"Ø (Water Flow Sensor)

Ball Valve / Butterfly Valve 2 1/2"Ø

Ball Valve / Butterfly Valve 2"Ø

Check Valve 3"Ø Brass

Check Valve 2"Ø Brass

Swing Valve 3"Ø Brass

Swing Valve 2"Ø Brass

Flexible Connector 2"Ø

Flange 3"Ø

Flange 2 1/2" Ø

Flange 2" Ø

Flange 1 1/2" Ø

G.I. Threaded Coupling Reducer 2 1/2" Ø x 2" Ø

G.I. Treaded Tee Reducer 2"  $\varnothing$  x 1"  $\varnothing$

G.I. Threaded Coupling Reducer 2"  $\varnothing$  x 1 1/2"  $\varnothing$

G.I. Threaded Elbow 2 1/2"  $\varnothing$  x 90°

G.I. Threaded Tee 3"  $\varnothing$  x 3"  $\varnothing$

G.I. Threaded Tee 2 1/2"  $\varnothing$  x 2 1/2"  $\varnothing$

G.I. Threaded Tee 2"  $\varnothing$  x 2"  $\varnothing$

G.I Threaded Elbow 2"  $\varnothing$  x 90°

G.I Threaded Elbow 1"  $\varnothing$  x 90°

G.I Threaded Tee 1"  $\varnothing$  x 90°

G.I Threaded Coupling Reducer 1"  $\varnothing$  x 1/2"  $\varnothing$

Rubber Gasket Pad

Accessories

Sprinkler Head

Dyna Bolt 1/2"

Threaded Rod 10mm

Bolt and Nut 1/2"

10mm Nut w/ washer

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 1/2 x 6m

Pump

Fire Pump 25 HP w/ Jockey Pump 5 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2 1/2 "  $\varnothing$  x 2 1/2 "  $\varnothing$  x 2 1/2 "  $\varnothing$

Testing Connection 2 1/2"  $\varnothing$  x 2 1/2 "  $\varnothing$  x 2 1/2 "  $\varnothing$

Fire Hose Cabinet w/ Complete Accessories

FIRE DETECTION AND ALARM SYSTEM

Alarm and Detector Devices

Smoke Detector Addressable

Alarm Switch Addressable

Alarm Bell Addressable

Control Panel 2 Loops Addressable

Accessories

PVC Pipe - Electrical Conduit 1/2" x 3m

PVC Pipe - Electrical Conduit 3/4" x 3m

PVC Pipe - Electrical Conduit 1" x 3m

Flexible Electrical Conduit 1"

PVC Pipe - Electrical Conduit Elbow 1/2"

PVC Pipe - Electrical Conduit Elbow 3/4"

PVC Pipe - Electrical Conduit Elbow 1"

PVC Pipe - Junction Box Adapter W/Nut 1/2"

PVC Pipe - Junction Box Adapter W/Nut 3/4"

Bolt and Nut 5mm

Junction Box w/ Cover

PVC Pipe - Wall Clip

Screw With Tox 6mm

Cable Ties 5mm x 300mm

TF Wire #16 Duplex

6

**6 Department of Agronomy and  
Department of Soil Science**

lot

1

2,342,654.50

2,342,654.50

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**AUTOMATIC FIRE SPRINKLER SYSTEM**

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B.I. Threaded Pipes 1-1/2" x 6m, sch. 40

B.I. Threaded Pipes 1" x 6m, sch. 40

Fittings

Sight Glass 1"

Air Relief Valve 1"

Pressure Relief Valve (set at 150 psi)

Pressure Gauge

Water Flow Switch 2-1/2"Ø (Water Flow Sensor)

Ball Valve / Butterfly Valve 2 1/2"Ø

Ball Valve / Butterfly Valve 2"Ø

Check Valve-2 1/2"Ø Brass

Check Valve 2"Ø Brass

Swing Valve 2 1/2"Ø Brass

Swing Valve 2"Ø Brass

Flexible Connector 2"Ø

Flange 2 1/2"Ø

Flange 2" Ø

Flange 1 1/2" Ø

G.I. Threaded Coupling Reducer 2 1/2" Ø x 2" Ø

G.I. Treaded Tee Reducer 2" Ø x 1" Ø

G.I. Threaded Coupling Reducer 2"Ø x 1 1/2"Ø

G.I. Threaded Elbow 2 1/2"Ø x 90°

G.I. Threaded Tee 2 1/2"Ø x 2 1/2"Ø

G.I. Threaded Tee 2"Ø x 2"Ø

G.I Threaded Elbow 2"Ø x 90°

G.I Threaded Elbow 1"Ø x 90°

G.I Threaded Tee 1"Ø x 90°

G.I Threaded Coupling Reducer 1"ø x ½"ø

Rubber Gasket Pad

Accessories

Sprinkler Head

Dyna Bolt ½"

Threaded Rod 10mm

Bolt and Nut ½"

10mm Nut w/ washer

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 ½ x 6m

Pump

Fire Pump 15 HP w/ Jockey Pump 5 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2" ø x 2 ½ " ø x 2 ½ "ø

Testing Connection 2½" ø x 2 ½ " ø x 2 ½ "ø

Fire Hose Cabinet w/ Complete Accessories

#### **FIRE DETECTION AND ALARM SYSTEM**

Alarm and Detector Devices

Smoke Detector Addressable

Alarm Switch Addressable

Alarm Bell Addressable

Control Panel 2 Loops Addressable

Accessories

PVC Pipe - Electrical Conduit ½" x 3m

PVC Pipe - Electrical Conduit ¾" x 3m

PVC Pipe - Electrical Conduit 1" x 3m

Flexible Electrical Conduit 1"



PVC Pipe - Electrical Conduit Elbow 1/2"

PVC Pipe - Electrical Conduit Elbow 3/4"

PVC Pipe - Electrical Conduit Elbow 1"

PVC Pipe - Junction Box Adapter W/Nut 1/2"

PVC Pipe - Junction Box Adapter W/Nut 3/4"

Bolt and Nut 5mm

Junction Box w/ Cover

PVC Pipe - Wall Clip

Screw With Tox 6mm

Cable Ties 5mm x 300mm

TF Wire #16 Duplex

**TOTAL**

**12,800,000.00**

Purpose: FIRE ALARM

Checked by:

  
**CLINT C. SARVIDA**

Funds Available:

  
**ALICIA M. FLORES**  
HEAD, BUDGET OFFICE

TWG - Construction and Electrical Supplies

Signature:

Prepared by:

  
**MARIO C. BANTUGAN**

Noted by:

  
**MARLON G. BURLAS**

Approved by:

  
**PROSE IVY G. YEPES**

Printed Name:

Designation:

UNIT HEAD, PROJECT LEADER

PRESIDENT, VSU