



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

PURCHASE REQUEST

PPMP No. : **PPMP-2025-012025-0873**

PR No.: **STF-2025-01-00069**

Date: **01-22-2025**

Dept./Office: **PPO**

Category: **Construction
and Electrical Supplies**

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

Funding Source: **Special Trust Fund**

Project Title/Code: **Installation of Fire Alarm System**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	VSU, Automatic Sprinkler System	lot	1	12,800,000.00		12,800,000.00

Specification:

1 VSU Staff Dormitory (IGP Dorm) 859,409.50

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 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 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" $\varnothing$ 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 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

2 University Health Services (Infirmary) 1,309,768.00

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

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

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"

Bolt and Nut 1/2"

10mm Nut w/ washer

U Bolt W/ Nut

Welding Rod 6013 2.5mm

Angle Bar 3/16"x 1 1/2 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" $\varnothing$ 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 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 Colleg of Forestry and Environmental Science 2,500,133.00

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 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 ½"

PVC Pipe - Electrical Conduit Elbow ¾"

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

4 College of Veterinary Medicine 2,147,195.00

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" $\varnothing$ x 2 ½" $\varnothing$ x 2 ½" $\varnothing$

Testing Connection 2½" $\varnothing$ x 2 ½" $\varnothing$ x 2 ½" $\varnothing$

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 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

5 Department of Mathematics, Physics, Statistics, Graduate School 3,640,840.00

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 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 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 ½" Ø

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

G.I. Treaded 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 3" Ø x 3" Ø

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 25 HP w/ Jockey Pump 5 HP

Control Panel for Motor Fire Pump

Control Panel for Jockey Pump

Fire Department Connection

Siamese 2 ½" 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 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 Department of Agronomy and Department of Soil Science 2,342,654.50

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 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 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

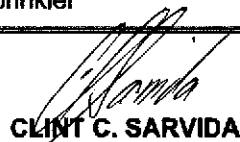
TF Wire #16 Duplex

TOTAL

12,800,000.00

Purpose: Fire Alarm Sprinkler

Checked by:


CLINT C. SARVIDA

Funds Available:


ALICIA M. FLORES

TWG - Construction and Electrical Supplies

HEAD, BUDGET OFFICE

Signature:

Prepared by:

Printed Name:


MARIO C. BANTUGAN

Noted by:


PHLOEM D. GALUPO

Approved by:


PROSE IVY G. YEPES

Designation:

UNIT HEAD, PROJECT LEADER

PRESIDENT, VSU