



## PURCHASE REQUEST

Dept./Office: **ODPP**

PR #: GF-2021-08-00649

Date: 08-20-2021

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

**Category: Construction and Electrical Supplies**

Funding Source: **General Fund - CO**

Project Title/Code: **For VSU Street Light Materials**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	15 Amperes, Type K Fuselinks	box	10	2,500.00		25,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>15 Amperes, Type K Fuselinks, 23" length, removable head, stainless steel strain wire and a silver copper fuse wire fuse element (ANSI, IEEE, NEMA certified)</li> </ul>						
2	15 kV, 110 kV BIL, Type C standard polymer cutout w/100A, 10kAIC fuseholder with 15k lighting arrest	unit	15	9,000.00		135,000.00
3	25 Amperes, Type K Fuselinks	box	10	2,500.00		25,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>25 Amperes, Type K Fuselinks, 23" length, removable head, stainless steel strain wire and a silver copper fuse wire fuse element (ANSI, IEEE, NEMA certified)</li> </ul>						
4	30 Amperes, Type K Fuselinks	box	12	2,500.00		30,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>30 Amperes, Type K Fuselinks, 23" length, removable head, stainless steel strain wire and a silver copper fuse wire fuse element (ANSI, IEEE, NEMA certified)</li> </ul>						
5	Cut-Out Set, Porcelain, 15 KV outdoor type with mounting bracket, with fuse holder, 15 K lighting arrest	sets	15	8,000.00		120,000.00
6	Electrical (PVC) 20mm dia. locknut and bushings	pcs	46	12.00		552.00
7	Electrical Conduit (PVC), 20mm dia. with coupling	length	450	80.00		36,000.00
8	Electrical Conduit, (PVC), 32mm dia. with coupling	length	100	100.00		10,000.00
9	Electrical Tape, Vinyl	rolls	100	70.00		7,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>?Flame retardant and compatible with plastic cable and wire harness insulations</li> <li>?Flexible PVC with aggressive rubber adhesive</li> <li>?Primary electrical insulation for all wire and cable splices rated up to 600 volts.</li> <li>?19mm x 16mm x 0.155mm</li> <li>?Heavy Duty</li> </ul>						



?ASTM approved						
10	Electrical Wire, THHN / THWN, AWG 10 (5.5mm2), Stranded, 150 meters/box	box	15	6,200.00		
<b>Specification:</b> ?Building Wire ?Stranded with Nylon Insulation ?Gauge 10 ?UL listed						
11	Electrical Wire, THHN / THWN, AWG 12 (3.5mm2), Stranded, 150 meters/box	box	40	5,300.00		212,000.00
<b>Specification:</b> ?Building Wire ?Stranded with Nylon Insulation ?Gauge 12 ?UL listed						
12	Electrical Wire, THHN/THWN, AWG 6 (14 mm2), Stranded	meters	1000	102.00		102,000.00
<b>Specification:</b> <ul style="list-style-type: none"> <li>• Building Wire</li> <li>• Stranded with Nylon Insulation</li> <li>• Gauge 6</li> <li>• UL listed</li> </ul>						
13	Electrical Wire, TW AWG 12 (3.5mm2), Stranded, (Green) 150m/box	box	15	4,500.00		67,500.00
14	Electrical, Utility Box, 2" x 4", Orange	piece	730	30.00		21,900.00
<b>Specification:</b> PVC						
15	Gravel, 3/4" size	cu.m.	120	1,500.00		180,000.00
16	Junction Box (Octagonal) with cover	pcs	120	45.00		5,400.00
17	LED Road Street Lamp 50watts - 60watts	sets	360	5,000.00		1,800,000.00
<b>Specification:</b> Cobra Type or Similar Type <b>Specification:</b> <ul style="list-style-type: none"> <li>• Lumen Output: 6500lm-7800lm</li> <li>• CCT: 5000k</li> <li>• Light Source: Lumi LEDs</li> <li>• Wattage: 50W-60W</li> </ul>						



- Power Factor: 0.90
- Driver: Sosen
- Operating Temp.. -20 deg Centigrade to 40 deg Centigrade
- Dimming: Photo Cell Sensor (Built-In)
- Warranty: 3 years

18	<b>Metal Halide Flood Light 400 Watts</b>	sets	30	6,000.00		180,000.00
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**Specification:**

Set Includes: Ballast, Ignitor, Capacitor, Tubular Lamp

**Specification:**

- Body Type: Die Cast Aluminum Housing with Tempered Glass Plate Cover
- Color: Black
- Lamp Base: E40
- Voltage: 220V AC/60hz
- Wattage: 400 Watts
- Lamp Type: Metal Halide Tubular Lamp 400watts

19	<b>Screened Sand</b>	cu.m.	120	1,500.00		180,000.00
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**Specification:**

	<b>TOTAL</b>					<b>3,230,352.00</b>
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Purpose: Installation of VSU Street Lights

Checked by:

**MARLON G. BURLAS**

Funds Available:

**MYRNA S. PANCITO**

TWG - Construction and Electrical Supplies

HEAD, BUDGET OFFICE

Signature:	Requested by:	Noted by:	Approved by:
Printed Name:	<b>MARIO C. BANTUGAN</b>	<b>MARIO LILIO P. VALENZONA</b>	<b>EDGARDO E. TULIN</b>
Designation:	END USER	UNIT HEAD, PROJECT LEADER	PRESIDENT, VSU