



PURCHASE REQUEST

Dept./Office: **ODPP**PR #: **GF-2021-11-01526**Date: **11-12-2021**Section/End-User: **Mario C. Bantugan**Category: **Construction and Electrical Supplies**Funding Source: **General Fund - MOOE**Project Title/Code: **PESMU 2021**

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	15 Amperes, Type K Fuselinks	box	2	2,500.00		5,000.00
Specification: • 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)						
2	15 kV, 110 kV BIL, Type C standard polymer cutout w/100A, 10kAIC fuseholder with 15k lighting arrest	unit	3	9,000.00		27,000.00
3	25 Amperes, Type K Fuselinks	box	2	2,500.00		5,000.00
Specification: • 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)						
4	Angle Bar, 1/4"(thickness) x 1-1/2" x 1-1/2" X 20', Standard	L	5	1,000.00		5,000.00
5	ANSI Thimble Eye Anchor Rod 5/8" x 10"	sets	5	200.00		1,000.00
6	ANSI Thimble Eye Anchor Rod 5/8" x 48"	sets	5	400.00		2,000.00
7	BOLT and NUt with Washer 1"	pcs	40	10.00		400.00
Specification: 1 inches						
8	Clevis Insulator with Polymer Spool	pcs	30	700.00		21,000.00
9	Cut-Out Set, Porcelain, 15 KV outdoor type with mounting bracket, with fuse holder, 15 K lighting arrest	sets	4	8,000.00		32,000.00
10	Electrical LED floodlights, 50 watts waterproof lamp outdoor spotlight	pcs	20	3,000.00		60,000.00
11	Electrical (PVC) Long Sweep Elbow, 3/4" x 90deg	pcs	50	75.00		3,750.00
12	Electrical (PVC), Long Sweep Elbow, 1/2" x 90deg	pcs	50	50.00		2,500.00

13	Electrical (PVC), Long Sweep Elbow, 2" x 90deg	pieces	25	160.00		4,000.00
14	Electrical Entrance Cap, 1" diameter	pcs	3	100.00		300.00
15	Electrical LED flood Lights, (Metal Halide), 400 watts	pcs	6	6,000.00		36,000.00
16	Electrical Panel Board, (6-Branch)	set	1	20,000.00		20,000.00

Specification:

Panel Board 6 Branches:

- Dead front
- Copper bus bar
- single phase metal enclosure of
- 1 pc. Circuit breaker, center main 70 amps 2 pole, molded bolt on type
- 4 pcs. Circuit 20 amps 2 pole, molded, bolt on type
- 2 pcs Circuit Breaker 15 amps 2 pole, molded bolt on type

17	Electrical Pole, (Galvanized Steel), Hexagonal, 30"	piece	11	30,000.00		330,000.00
18	Electrical Pole, Galvanized Steel, (Hexagonal), 35'	pcs	5	30,000.00		150,000.00
19	Electrical Pull Box, (Metal) 4" x 6"	pcs	3	300.00		900.00
20	Electrical Rubber Tape # 15	rolls	15	150.00		2,250.00

Specification:

Self-infusing

21	Electrical Tape (Rubber)	pcs	50	180.00		9,000.00
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Specification:

?rubber, 0.8 x 19mm x 8m any color

22	Electrical Wire , TF AWG 16 (1.25 mm2), Stranded, 150m/box	box	30	7,500.00		225,000.00
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Specification:

Heat resistant

Waterproof

23	Electrical Wire, Bare ACSR, (Stranded) # 4 for neutral line	meters	1000	70.00		70,000.00
24	Electrical Wire, Insulated ACSR, (Stranded) # 4	meters	300	90.00		27,000.00
25	Electrical Wire, Stranded Insulated ACSR for 22.9 KV, (32 mm)	meters	1000	120.00		120,000.00
26	Electrical Wire, THHN / THWN, AWG 10 (5.5mm2), Stranded, 150 meters/box	box	8	6,200.00		49,600.00

Specification:

?Building Wire

?Stranded with Nylon Insulation

?Gauge 10 ?UL listed						
27	Electrical Wire, THHN / THWN, AWG 12 (3.5mm ²), Stranded, 150 meters/box	box	6	6,000.00		36,000.00
Specification: ?Building Wire ?Stranded with Nylon Insulation ?Gauge 12 ?UL listed						
28	Electrical Wire, THHN/THW Wire 2/0 AWG (50 mm ²)	meters	450	400.00		180,000.00
29	Electrical Wire, THHN/THWN AWG 2/0(60 mm ²), Stranded wire	meters	300	560.00		168,000.00
30	Electrical Wire, THHN/THWN AWG 8(8.0 mm ²), Stranded copper wire 600 volts	box	3	8,000.00		24,000.00
31	Electrical Wire, THHN/THWN, AWG 2 (30 mm ²), Stranded	meters	150	230.00		34,500.00
Specification: • Building Wire • Stranded with Nylon Insulation • Gauge 2 • UL listed						
32	Electrical Wire, THHN/THWN, AWG 6(14 mm ²), Stranded Wire 600 volts	rolls	2	18,000.00		36,000.00
33	Electrical Wire, THHN/THWN, AWG 8 (8mm ²), Stranded, 150 meters/box	box	5	9,750.00		48,750.00
Specification: ?Building Wire ?Stranded with Nylon Insulation ?Gauge 8 ?UL listed						
34	Electrical, (PVC) Male Adaptor, 1" diameter	pcs	3	50.00		150.00
35	Electrical, Ground Rod	pcs	10	400.00		4,000.00
Specification: Trimble-eye bolt						
36	Electrical, Photocell Control Switch, Electric 10A, 230V	piece	5	600.00		3,000.00

Specification: Streetlight, Auto on/off sensor switch, Durable, Heavy Duty, Good Quality						
37	Electrical, Pipe, (PVC) Orange, 1"(32mm) x 3m	length	10	75.00		750.00
Specification: Sched 40, Durable, Good Quality						
38	Electrical, Pipe, (PVC) Orange, 3/4"(25mm) x 3m	length	100	90.00		9,000.00
Specification: Sched 40, Durable, Good Quality						
39	Electrical, PVC Pipe (Orange), 1/2"	length	100	60.00		6,000.00
40	Electrical, PVC Pipe (Orange), 2"	length	50	250.00		12,500.00
Specification: .						
41	Electrical, PVC Pipe (Orange), 3/4"	length	100	110.00		11,000.00
42	Eye Bolt, 5/8" x 10"	pcs	20	200.00		4,000.00
43	Galvanized Guy Clamp, 3 bolt"	pcs	15	200.00		3,000.00
44	Machine Bolt 3/8 x 6 with locknut and washer	sets	5	150.00		750.00
45	Machine Bolt 3/8 x 8 with locknut and washer	sets	5	150.00		750.00
46	Machine bolt, 5/8" x 10" with locknut & washer	pcs	50	400.00		20,000.00
47	Machine Bolt, 5/8" x 14" with locknutt & washer	pcs	30	500.00		15,000.00
48	Molded Case Breaker, (Bolt on type) 15 amps 2 pole	pcs	3	500.00		1,500.00
49	Molded Case Breaker, (Bolt on type), 100 amps 2 pole Center main MCCB	pc	1	3,000.00		3,000.00
50	Molded Case breaker, (Bolt on type), 20 amps 2 pole	pcs	3	600.00		1,800.00
51	Molded Case Breaker, (Bolt on type), 30 amps 2 pole	pcs	4	700.00		2,800.00
52	Molded Case Breaker, (Bolt on type), 40 amps 2 pole	pcs	4	750.00		3,000.00
53	Panel Board, Dead Front, Single Phase, Copper Bush Bar Metal Enclosed	sets	2	12,000.00		24,000.00
Specification: To consist of the ff. with grounding terminal a) 1 pc Molded Circuit Breaker, center main 70 amps 2 poles, 240 volts, bolt on type b) 1 pc Molded Circuit Breaker, Branch 15 amps 2 poles, bolt on c) 2 pcs Molded Circuit Breaker, Branch 20 amps 2 poles, bolt on d) 2 pcs Molded Circuit Breaker, Branch 30 amps 2 poles, bolt on						

e) 1 pc Molded Circuit Breaker, Branch 40 amps 2 poles, bolt on

54	Pipe (G.I.), 2" diameter, Sched 40	length	10	2,000.00		20,000.00
55	Pipe (G.I.), 4" diameter, Sched 40	length	2	3,000.00		6,000.00
56	Quadrant Dead End Clamp	pcs	20	600.00		12,000.00
57	Receptacle Socket, 4" x 4"	pcs	20	50.00		1,000.00
58	Secondary Rack, (Single phase)	pcs	3	200.00		600.00
59	Shackle Insulator, 250mm x 250mm	pcs	20	400.00		8,000.00
60	Solderless Connector 1/0 AWG Split Type	sets	10	900.00		9,000.00
61	Solderless Connector 2/0 AWG Split Type	sets	10	1,000.00		10,000.00
62	Solderless Connector, (Split type), 30mm	rolls	6	500.00		3,000.00
63	Steel Pin Pole with Polymer insulator, 15 KV	pcs	20	1,500.00		30,000.00
64	Suspension Polymer	pcs	20	1,200.00		24,000.00
65	Swing clevis with insulator	set	5	800.00		4,000.00
66	Transformer, Distribution, 75 KVA	piece	2	150,000.00		300,000.00

Specification:

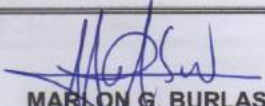
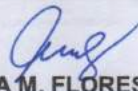
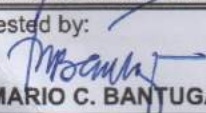
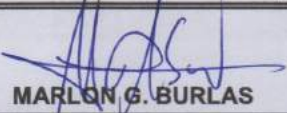
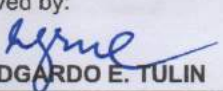
- 75 KVA OISC
- Copper to copper winding both primary and secondary
- 8 KV with changer 2-2 1/2% above rated primary voltage & 2-2 1/2% below rated primary voltage double bushing
- Secondary voltage 120/240 volts with changer tap
- Pad/pole mounted
- Amorphous Metal Core

67	Truss Guy	set	4	1,000.00		4,000.00
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Specification:

TOTAL						2,293,550.00
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Purpose: For Various Electrical Maintenance and Repairs

Checked by:  MARLON G. BURLAS		Funds Available:  ALICIA M. FLORES	
TWG - Construction and Electrical Supplies		HEAD, BUDGET OFFICE <i>are R & m</i>	
Signature: Printed Name: Designation:	Requested by:  MARIO C. BANTUGAN END USER	Noted by:  MARLON G. BURLAS UNIT HEAD, PROJECT LEADER	Approved by:  EDGARDO E. TULIN PRESIDENT, VSU