

PR-2022-0328-23859 / 0p3131hr dlm

PURCHASE REQUEST

PR No.: **GF-2022-03-00317**

Date: 03-28-2022

Dept./Office: **ODPP**

Category: Construction and Electrical Supplies

Section/End-User: **Rafael Rosario A. Juntilla**

Project Title/Code: Rewiring & Replacement of electrical distribution line

Funding Source: General Fund - MOOE

Item #	Item Description	Unit	Qty	Unit Cost	PAR/ICS	Total Cost
1	15 Amperes, Type K Fuselinks	box	5	2,500.00		12,500.00
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	25 Amperes, Type K Fuselinks	box	5	2,500.00		12,500.00
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)						
3	Cross Arm, steel, 8 feet (standard)	pieces	1	1,500.00		1,500.00
4	Cut-Out Set, Porcelain, 15 KV outdoor type with mounting bracket, with fuse holder, 15 K lighting arrest	sets	1	8,000.00		8,000.00
5	Electrical (PVC) Clip, 1/2"	pcs	700	5.00		3,500.00
6	Electrical (PVC) Long Sweep Elbow, 1" x 90deg	pcs	50	120.00		6,000.00
Specification: PVC Pipe Long Elbow, 1 1/4 (32 mm)Diameter Electrical						
7	Electrical (PVC) Long Sweep Elbow, 3/4" x 90deg	pcs	50	75.00		3,750.00
8	Electrical (PVC), Long Sweep Elbow, 1/2" x 90deg	pcs	220	50.00		11,000.00
9	Electrical Circuit Breaker, 20A, 2-Pole(Box Type)	sets	2	600.00		1,200.00
Specification: Box type Circuit Breaker 2 pole 20 amperes						
10	Electrical Circuit Breaker, 30A, (Box type)	pc	6	425.00		2,550.00
Specification:						

- Heavy Duty and Good quality
- Durable
- 220-240V

11	Electrical Entrance Cap, 1" diameter	pcs	3	100.00		300.00
12	Electrical Outlet, 3 gang universal outlet with ground, (surface type)	pcs	20	150.00		3,000.00

Specification:

- 10A
- 250V
- Heavy Duty
- Durable

13	Electrical Outlet, Convenience 3 gang with ground, (Flush type)	set	20	220.00		4,400.00
14	Electrical Outlet, Convenience 3 Gang, Flush type	set	35	190.00		6,650.00
15	Electrical Square Box (PVC), 6" x 6"	pcs	60	75.00		4,500.00

Specification:

PVC Square Box 6"x 6"

16	Electrical Switch Box	set	70	35.00		2,450.00
17	Electrical Switch, 2-gang, Flush type	pcs	36	180.00		6,480.00
18	Electrical Switch, 3 Gang (Flush type)	sets	28	150.00		4,200.00
19	Electrical Switch, Single (Flush type)	set	27	130.00		3,510.00
20	Electrical Tape, Vinyl	rolls	120	70.00		8,400.00

Specification:

- ?Flame retardant and compatible with plastic cable and wire harness insulations
- ?Flexible PVC with aggressive rubber adhesive
- ?Primary electrical insulation for all wire and cable splices rated up to 600 volts.
- ?19mm x 16mm x 0.155mm
- ?Heavy Duty
- ?ASTM approved

21	Electrical Wire, AWG 4 (22 mm) , Service Drop (2C twisted)	meters	600	40.00		24,000.00
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Specification:

Electrical Wire, AWG 4 (22mm) Service Drop (2C twisted)

22	Electrical Wire, AWG 6 (14 mm) , Service Drop (2C twisted)	meters	600	30.00		18,000.00
23	Electrical Wire, PDX Gauge 10, 75 meters per roll	roll	10	4,500.00		45,000.00

Specification:

?Thermoplastic Wire rated at 60°C, 600V

?Pure Copper

24	Electrical Wire, PDX Gauge 12, 50 meters per roll	roll	6	3,800.00		22,800.00
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Specification:

?Thermoplastic Wire rated at 60°C, 600V

?Pure Copper

25	Electrical Wire, THHN / THWN, AWG 10 (5.5mm2), Stranded, 150 meters/box	box	13	6,200.00		80,600.00
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Specification:

?Building Wire

?Stranded with Nylon Insulation

?Gauge 10

?UL listed

26	Electrical Wire, THHN / THWN, AWG 12 (3.5mm2), Stranded, 150 meters/box	box	31	6,000.00		186,000.00
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Specification:

?Building Wire

?Stranded with Nylon Insulation

?Gauge 12

?UL listed

27	Electrical Wire, THHN / THWN, AWG 14 (2.0mm2), Stranded, 150 meters/box	boxes	32	3,600.00		115,200.00
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Specification:

- Building Wire (Green Color)
- Stranded with Nylon Insulation
- Gauge 14
- UL listed

28	Electrical Wire, THHN/THWN, AWG 2 (30 mm2), Stranded	meters	300	230.00		69,000.00
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Specification:

- Building Wire
- Stranded with Nylon Insulation
- Gauge 2
- UL listed

29	Electrical, (PVC) Clip 1"	pcs	50	5.00		250.00
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Specification:

Electrical, PVC pipe Clip 1"						
30	Electrical, (PVC) Clip, 3/4"	pcs	250	15.00		3,750.00
Specification: • High quality PVC						
31	Electrical, (PVC) Male Adaptor, 1" diameter	pcs	3	80.00		240.00
32	Electrical, ACCU Outlet, Three prongs (Flush type)	set	20	300.00		6,000.00
33	Electrical, Junction Box (Octagonal) with cover, PVC	pcs	320	45.00		14,400.00
34	Electrical, Pipe, (PVC) Orange, 1"(32mm) x 3m	length	100	75.00		7,500.00
Specification: Sched 40, Durable, Good Quality						
35	Electrical, Pipe, (PVC) Orange, 1/2" x 3m	length	1209	90.00		108,810.00
36	Electrical, Pipe, (PVC) Orange, 3/4"(25mm) x 3m	length	300	90.00		27,000.00
Specification: Sched 40, Durable, Good Quality						
37	Electrical, Utility Box, 2" x 4", Orange	piece	220	30.00		6,600.00
Specification: PVC						
38	Electrical, Utility Box, 2" x 4"(Surface Type)	pcs	55	35.00		1,925.00
39	LED Bulb, 9 watts	pcs	10	150.00		1,500.00
40	LED Tube with housing (T8), 18 watts, 4ft (Daylight)	set	122	500.00		61,000.00
41	Louver housing (Surface mount) 12"x 48" with T8 tube lights (2 x 40)	sets	70	900.00		63,000.00
Specification: T8 Tube Lights, 2x40 louver housing, Surface type mount 12"x 48"						
42	Panel Board dead front, 2 poles, copper bush bar	set	1	40,000.00		40,000.00
Specification: Panel Board 12 holes + 1 center main, Metal enclosed to consist of the following: • 100 AT/100AF, 2 poles, 240 volts, center main, molded • 3 pcs. 15 amperes, 2 poles, 240 volts, branch, molded • 3 pcs. 20 amperes, 2 poles, 240 volts, branch, molded • 4 pcs. 30 amperes, 2 poles, 240 volts, branch, molded						

- 2 pcs. 40 amperes, 2 poles, 240 volts, branch, molded

43	Panel Board dead front, Single phase, copper bush bar, bolt on type	set	1	12,000.00		12,000.00
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Specification:

Panel Board bolt on type with center main and 6 branches single phase

Consist of the following:

- 60 amperes molded case for center main single phase
- 2 pcs. 15 amperes, molded case circuit breaker bolt on type
- 3 pcs. 20 amperes, molded case circuit breaker bolt on type
- 1 pcs. 30 amperes molded case circuit breaker bolt on type

44	Panel Board, Dead Front, 2 poles, Copper Bush Bar, Bolt On type	sets	2	50,000.00		100,000.00
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Specification:

Panel Board, Dead Front, 14 Holes+1 Center Main,

Metal enclosed to consist of the following:

- 125 AT/125AF, 2 poles, 240 volts, center main. Molded
- 3 pcs. 15 Amperes, 2 poles, 240 volts, Branch, molded
- 3 pcs. 20 Amperes, 2 poles, 240 volts, branch, molded
- 6 pcs. 30 Amperes, 2 poles, 240 volts, Branch, molded
- 2 pcs. 40 amperes, 2 poles, 240 volts, Branch, molded

45	Panel Board, Dead Front, Single Phase, Copper Bush Bar	set	1	10,000.00		10,000.00
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Specification:

Panel Board, metal enclosed to consist of the following with grounding terminal:

- 1 pc. molded Circuit Breaker, Center Main 70 amps, 2 poles, 240 volts, Bolt on
- 1 pcs Molded Circuit Breaker, Branch, 15 amps, 2 poles, Bolt on
- 4 pcs. Molded Circuit Breaker, Branch 20 amps, 2 poles , Bolt On
- 1 pc. Molded Circuit Breaker, Branch 30 amps, 2 pole, Bolt on

46	Pole, Galvanized Steel (Hexagonal), 40'	pieces	1	30,000.00		30,000.00
47	Receptacle Socket, 4" x 4"	pcs	10	50.00		500.00
48	Secondary Rack, (Single phase)	pcs	3	200.00		600.00
49	Solderless Connector, (Split type), 30mm	rolls	6	500.00		3,000.00
50	Staple wire #1	box	40	35.00		1,400.00
51	Tapping Screw Black 1"	box	8	50.00		400.00

Specification:

Tapping Screw Black 1"

52	Transformer, Distribution, 100KVA	unit	1	230,000.00		230,000.00
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Specification:

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

53	Wire, Duplex #14, PDX	meter	450	35.00		15,750.00
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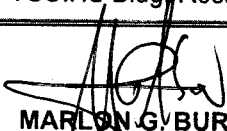
Specification:

#14 Duplex wire

TOTAL**1,412,615.00**

Purpose: Rewiring of VSUIHS Bldg, Rosal Cot. due to Typhoon Odethe

Checked by:


MARLON G. BURLAS

Funds Available:

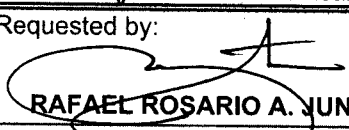

ALICIA M. FLORES

TWG - Construction and Electrical Supplies

HEAD, BUDGET OFFICE *sm*
pm. SP

Signature:

Requested by:


RAFAEL ROSARIO A. JUNTILLA

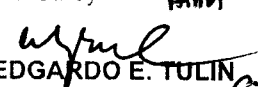
Noted by:


MARLON G. BURLAS

Approved by:

Ambi

Printed Name:


EDGARDO E. TULIN

Designation:

END USER**UNIT HEAD, PROJECT LEADER****PRESIDENT, VSU**