

PURCHASE ORDER
MARIANO MARCOS STATE UNIVERSITY
 City of Batac 2906 Ilocos Norte



P.O. No. : 05206441-2022-09-474
 Date : **October 5, 2022**
 Mode of Procurement : Public Bidding

PR No. : 2022-07-224 (05206441)

Delivery Term : FOB Destination
 Payment Term : N/30

Supplier : **DUMLAO ELECTRICAL INSTALLATION REPAIR & REWINDING SHOP & ELECTRICAL SUPPLIES**
 Address : Laoag City
 TIN : 119-787-647-000

Gentlemen: Please furnish this Office the following articles subject to the terms and conditions contained herein:

Place of Delivery : MMSU, City of Batac
 Date of Delivery : within 30 calendar days upon receipt of NTP

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
ELS-039-504	lot	Electrical Supplies and Materials	1	2,000,943.78	2,000,943.78
		I. Reconductoring and Relocation of Poles from CBEA to CHS, MMSU Batac - 1 lot			
		A. Distribution Line Hardwares			
		32 pcs Bolt, Carriage, 3/8" X 4-1/2"			
		19 pcs Bolt, Double Arming, 5/8" X 22"			
		6 pcs Bolt, Double Arming, 5/8" X 24"			
		1 pc Bolt, Double Upset, 5/8" X 10"			
		2 pcs Bolt, Oval Eye, 5/8" X 10"			
		15 pcs Bolt, Oval Eye, 5/8" X 12"			
		6 pcs Bolt, Oval Eye, 5/8" X 18"			
		8 pcs Bolt, Machine, 1/2" X 6"			
		10 pcs Bolt, Machine, 1/2" X 10"			
		4 pcs Bolt, Machine, 1/2" X 12"			
		2 pcs Bolt, Machine, 5/8" X 8"			
		29 pcs Bolt, Machine, 5/8" X 10"			
		12 pcs Bolt, Machine, 5/8" X 12"			
		6 pcs Bolt, Machine, 5/8" X 14"			
		5 pcs Bolt, Single Upset, 5/8" X 10"			
		32 pcs Brace, Crossarm, 28", Steel			
		2 pcs Brace, Crossarm, 60" - 18" Drop			
		2 pcs Brace, Sidearm, Vertical			
		2 pcs Brace, Sidearm, Diagonal, 7 Feet			
		10 pcs Bracket, Clevis Deadend without Spool			
		3 pcs Clamp, Hotline, #2 - #2/0 ACSR Main to #2 - #2/0			
		10 pcs Clamp, Anchor Rod Bonding, Single Eye			
		27 pcs Clamp, Deadend Strain, #4/0 ACSR			
		20 pcs Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel			
		11 pcs Clevis, Guy Straight, 3 Bolt, Heavy Duty Steel			
		6 pcs Shackle, Anchor, Forged Steel, Galvanized			
		2600 meter Conductor, Bare, ACSR #4/0, AWG 6/1			
		20 pcs Connector, Compression, YHO 250, #1/0 - #4/0 ACSR Run T			
		6 pcs Connector, Compression, YHD 400, #2/0 - #4/0 ACSR Run T			
		23 pcs Pin, Crossarm, Steel, 5/8" X 10-3/4"			
		20 pcs Hook, Guy			
		7 pcs Insulator, Pin Type, Porcelain, ANSI, Class 55 - 3			
		23 pcs Insulator, Pin Type, Porcelain, ANSI, Class 55 - 5			
		8 pcs Insulator, Spool, 1-3/4", ANSI, Class 53 - 2			
		19 pcs Insulator, Spool, 3", ANSI, Class 53 - 4			
		27 pcs Insulator, Suspension, Polymer, 15KV			
		27 pcs Nut, Eye, 5/8", Conventional			
		32 pcs Nut, Lock, MF Type, 3/8"			
		20 pcs Nut, Lock, MF Type, 1/2"			
		144 pcs Nut, Lock, MF Type, 5/8"			
		7 pcs Pin, Pole Top, Channel, 1" Thread, 20" Long			

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
5	pcs	Rod, Anchor, Threaded, Single Eye, 5/8" X 7'			
19	pcs	Rod, Armor, Preformed, #4/0 ACSR, Single Support			
7	pcs	Rod, Armor, Preformed, #4/0 ACSR, Double Support			
3	pcs	Rod, Tapping, Preformed, #4/0 ACSR			
2	pcs	Spacer, Pipe, 3/4" X 1-1/2"			
135	pcs	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16", 13/16"Ø			
5	pcs	Washer, Square, Flat, 4" X 4" X 1/2" with 7/8"Ø			
20	pcs	Washer, Round, 1-3/8"Ø with 9/16"Ø			
264	ft	Wire, Tie, Aluminum Alloy, Soft, #4 AWG			
16	pcs	Wire, Tape, Armor, Aluminum Alloy, 0.5" X 0.3"			
50	ft	Wire, Grounding, Aluminum Alloy, 3 Strand, #4 AWG			
500	ft	Wire, Guy, Steel, 3/8", 7 Strand			
1	pc	Pole, Concrete, 35', Class 3			
2	pcs	Pole, Concrete, 45', Class 3			
5	pcs	Log, Anchor, 8" X 4'			
22	pcs	Crossarm, Steel, 3" X 4" 8'			
B. Labor Cost per Assembly Units Installation					
Installation:					
I. Pole Top					
4	pcs	C1			
1	pc	C2			
1	pc	C4-1			
5	pcs	C7			
1	pc	C8			
1	pc	C15			
II. Guy Assembly Units					
10	pcs	E3-2			
III. Anchor Assembly Units					
5	pcs	F2-1			
IV. Secondary Assembly Units					
1	pc	J5			
2	pcs	J7			
1	pc	J8			
9	pcs	J10			
V. Pole					
1	pc	35 Feet			
2	pcs	45 Feet			
VI. Conductor Assembly Units					
2.6	kms.	Barc, #4/0, AWG, ACSR			

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		VII. Miscellaneous Assembly Units			
3	pcs	M5-5			
6	pcs	M5-23			
		Retrieval:			
		I. Pole Top Assembly Units			
6	pcs	C1			
1	pc	C2			
1	pc	C4-1			
2	pcs	C8			
		II. Secondary Assembly Units			
1	pc	J5			
9	pcs	J15			
1	pc	J8			
9	pcs	J10			
		III. Pole			
3	pcs	30 Feet			
1	pc	40 Feet			
		IV. Conductor Assembly			
2.42	kms.	Bare, #2/0, AWG, ACSR			
		V. Miscellaneous Assembly Units			
3	pcs	M5-5			
6	pcs	M5-23			
3	pcs	M5-10			
		II. Three-Phase Primary Line Extension (Brig. Quiling Sur, MMSU Batac - Gymnasium) - 1 lot			
1	pc/s	Attachment, Guy, Malleable Type with 11/16" Hole Ø			
10	pc/s	Bolt, Carriage, 3/8" X 4-1/2"			
6	pc/s	Bolt, Double Arming, 5/8" X 22"			
2	pc/s	Bolt, Oval Eye, 5/8" X 12"			
2	pc/s	Bolt, Machine, 1/2" X 6"			
5	pc/s	Bolt, Machine, 1/2" X 10"			
1	pc/s	Bolt, Machine, 5/8" X 8"			
2	pc/s	Bolt, Machine, 5/8" X 10"			
2	pc/s	Bolt, Machine, 5/8" X 12"			
1	pc/s	Bolt, Machine, 5/8" X 14"			
2	pc/s	Bolt, Machine, 5/8" X 16"			
10	pc/s	Brace, Crossarm, 28", Steel			
1	pc/s	Brace, Sidearm, Vertical			
1	pc/s	Brace, Sidearm, Diagonal, 7 Feet			

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SHOP & ELECTRICAL SUPPLIES

P.O. No. : 05206441-2022-09-474

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 Payment Term : **N/30**

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		1 pc/s Clamp, Anchor Rod Bonding, Single Eye			
		6 pc/s Clamp, Deadend Strain, #4/0 ACSR			
		2 pc/s Clamp, Guy Straight, 3 Bolt, Heavy Duty Steel			
		2 pc/s Clevis, Guy Straight, 3 Bolt, Heavy Duty Steel			
		130 meters Conductor, Bare, ACSR #4/0, AWG 6/1			
		390 pc/s Connector, Compression, YHO 250, #1/0 - #4/0 ACSR Run T			
		3 pc/s Connector, Ground Rod (Clamp) for 5/8" Steel Rod			
		1 pc/s Pin, Crossarm, Steel, 5/8" X 10-3/4"			
		6 pc/s Insulator, Pin Type, Porcelain, ANSI, Class 55 - 3			
		1 pc/s Insulator, Pin Type, Porcelain, ANSI, Class 55 - 5			
		6 pc/s Insulator, Spool, 1-3/4", ANSI, Class 53 - 2			
		1 pc/s Insulator, Spool, 3", ANSI, Class 53 - 4			
		2 pc/s Insulator, Suspension, Polymer, 15kV			
		6 pc/s Nut, Eye, 5/8", Conventional			
		6 pc/s Nut, Lock, MF Type, 3/8"			
		10 pc/s Nut, Lock, MF Type, 1/2"			
		6 pc/s Nut, Lock, MF Type, 5/8"			
		31 pc/s Pin, Pole Top, Channel, 1" Thread, 20" Long			
		1 pc/s Rod, Anchor, Threaded, Single Eye, 5/8" X 7'			
		1 pc/s Rod, Armor, Preformed, #4/0 ACSR, Single Support			
		8 pc/s Rod, Armor, Preformed, #4/0 ACSR, Double Support			
		1 pc/s Rod, Ground Steel, Galvanized, 5/8" X 10'			
		32 pc/s Washer, Square, Flat, 2-1/4" X 2-1/4" X 13/16"Ø			
		1 pc/s Washer, Square, Flat, 4" X 4" X 1/2" with 7/8"Ø			
		6 pc/s Washer, Round, 1-3/8"Ø with 9/16"Ø			
		64 ft Wire, Tie, Aluminum Alloy, Soft, #4 AWG			
		4 pcs Wire, Tape, Armor, Aluminum Alloy, 0.5" X 0.3"			
		34 ft Wire, Grounding, Aluminum Alloy, 3 Strand, #4 AWG			
		50 ft Wire, Guy, Steel, 3/8", 7 Strand			
		3 pc/s Pole, Concrete, 35', Class 3			
		1 pc/s Log, Anchor, 8" X 4'			
		7 pc/s Crossarm, Steel, 3" X 4" 8'			
B. Cost per Assembly Units Installation					
Installation:					
I Pole Top Assembly Units					
		1 pc/s C1			
		2 pc/s C7			
		1 pc/s C14			
II Grounding Assembly Units					
		1 pc/s M2-1A			
III Guy Assembly Units					
		1 pc/s E1-2			

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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
		IV. Anchor Assembly Units			
1	pc/s	F2-1			
		V. Pole			
3	pc/s	35 Feet			
		VI. Conductor, Assembly			
0.13	km	#4/0, AWG, ACSR Bare			
0.39	km	#4/0, AWG Insulated			
III. Three-Phase Primary Line Extension (Brgy. Quiling Sur, MMSU Batac - Dormitory Buildings) - 1 lot					
A. Distribution Line Hardwares					
40	pc/s	Bolt, Carriage, 3/8" X 4 1/2"			
9	pc/s	Bolt, Double Arming, 5/8" X 22"			
17	pc/s	Bolt, Double Arming, 5/8" X 24"			
2	pc/s	Bolt, Oval Eye, 5/8" X 9"			
12	pc/s	Bolt, Oval Eye, 5/8" X 12"			
8	pc/s	Bolt, Oval Eye, 5/8" X 18"			
4	pc/s	Bolt, Machine, 1/2" X 6"			
13	pc/s	Bolt, Machine, 1/2" X 10"			
25	pc/s	Bolt, Machine, 5/8" X 10"			
23	pc/s	Bolt, Machine, 5/8" X 12"			
12	pc/s	Bolt, Machine, 5/8" X 14"			
6	pc/s	Bolt, Single Upset, 5/8" X 10"			
40	pc/s	Brace, Crossarm, 28", Steel			
2	pc/s	Brace, Crossarm, 60" - 18 Drop			
3	pc/s	Bracket, Clevis Deadend without Spool			
4	pc/s	Clamp, Hot Line, #2 - #2/0 ACSR Main to #2 - #2/0			
6	pc/s	Clamp, Anchor Rod Bonding, Single Eye			
10	pc/s	Clamp, Loop Deadend, #2/0 ACSR			
16	pc/s	Clamp, Deadend Strain, #4/0 ACSR			
12	pc/s	Clamp, Guy Straight 3 Bolt, Heavy Duty Steel			
8	pc/s	Clevis, Secondary, Swinging without Spool			
8	pc/s	Shackle, Anchor, Forged Steel, Galvanized			
4	pc/s	Conductor, Bare, ACSR #2, AWG 6/1			
2620	pc/s	Conductor, Bare, ACSR #2/0, AWG 6/1			
14	pc/s	Connector, Compression, YHD 200, #1/0 - #2/0 ACSR Run T			
2	pc/s	Connector, Compression, YHD 300, #1/0 - #2/0 ACSR Run T			
2	pc/s	Connector, Ground Rod (Clamp) for 5/8" Steel Rod			
29	pc/s	Pin, Crossarm, Steel, 5/8" X 10-3/4"			
12	pc/s	Hook, Guy			
43	pc/s	Insulator, Pin Type, Porcelain, ANSI, Class 55 - 5			
7	pc/s	Insulator, Spool, 1-3/4", ANSI, Class 53 - 2			
10	pc/s	Insulator, Spool, 3", ANSI, Class 53 - 4			

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Date of Delivery : within 30 calendar days upon receipt of NTP

Payment Term : N/30

Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
29	pc/s	Insulator, Suspension, Polymer, 15kV			
31	pc/s	Nut, Eye, 5/8", Conventional			
40	pc/s	Nut, Lock, Mf Type, 3/8"			
17	pc/s	Nut, Lock, Mf Type, 1/2"			
129	pc/s	Nut, Lock, Mf Type, 5/8"			
12	pc/s	Pin, Pole Top, Channel, 1" Thread, 20" Long			
6	pc/s	Rod, Anchor, Threaded, Single Eye, 5/8" X 7'			
27	pc/s	Rod, Armor, Preformed, #2/0 ACSR, Single Support			
9	pc/s	Rod, Armor, Preformed, #2/0 ACSR, Double Support			
4	pc/s	Rod, Tapping, Preformed, #2/0 ACSR			
2	pc/s	Rod, Ground Steel, Galvanized, 5/8" X 10'			
6	pc/s	Spacer, Pipe, 3/4" X 1-1/2"			
136	pc/s	Washer, Square, Flat, 2-1/4" X 2-1/4" X 3/16", 13/16"Ø			
6	pc/s	Washer, Square, Flat, 4" X 4" X 1/2" with 7/8"Ø			
17	pc/s	Washer, Round, 1-3/8"Ø with 9/16"Ø			
392	ft	Wire, Tie, Aluminum Alloy, Soft, #4 AWG			
15	pc/s	Wire, Tape, Armor, Aluminum Alloy, 0.5" X 0.3"			
98	ft	Wire, Grounding, Aluminum Alloy, 3 Strand, #4 AWG			
300	ft	Wire, Guy, Steel, 3/8", 7 Strand			
9	pc/s	Pole, Steel, 35', 3.0mm			
1	pc/s	Pole, Concrete, 40', Class 3			
6	pc/s	Log, Anchor, 8" X 4'			
20	pc/s	Crossarm, Steel, 3" X 4" 8'			
2	pc/s	Crossarm, Steel, 3" X 4" 10'			
B. Cost per Assembly Units Installation					
Installation:					
I. Pole Top Assembly Units					
1	pc/s	A5			
6	pc/s	C1			
3	pc/s	C2			
1	pc/s	C4-1			
3	pc/s	C7			
1	pc/s	DC-C8			
II. Grounding Assembly Units					
2	pc/s	M2-1A			
III. Guy Assembly Units					
6	pc/s	E3-2			
IV. Anchor Assembly Units					
6	pc/s	F2-1			
V. Pole					
9	pc/s	35 Feet			

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Supplier : **DUMLAO ELECTRICAL INSTALLATION REPAIR & REWINDING** P.O. No. : 05206441-2022-09-474
SHOP & ELECTRICAL SUPPLIES Date : **October 5, 2022**
 Address : Laoag City Mode of Procurement : Public Bidding
 TIN : 119-787-647-000


Gentlemen: PR No. : 2022-07-224 (05206441)
 Please furnish this Office the following articles subject to the terms and conditions contained herein:

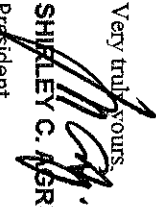
Place of Delivery : MMSU, City of Batac Delivery Term : FOB Destination
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Stock/ Property No.	Unit	Description	Quantity	Unit Cost	Amount
	1	pc/s 40 Feet			
	2.62	kms #2/0, AWG, ACSR Bare VI Conductor, Assembly			
	1	pc/s M5-5 V. Miscellaneous Assembly Units			
	1	pc/s M5-20			
	1	pc/s M5-22			
	1	pc/s M5-23			
TOTAL					2,000,943.78

(Total Amount in Words) Two Million Nine Hundred Forty Three & 78/100 Pesos Only.

In case of failure to make the full delivery within the time specified above, a penalty of one-tenth (1/10) of one percent for every day of delay shall be imposed on the undelivered items.

Conforme:

 Signature over Printed Name of Supplier
Emory A. Durward
 Date 09.06.2022

Very truly yours,

SHIRLEY C. AGRUPIS
 President

Fund Cluster : 05206441 ORS/BURS No. : _____
 Funds Available : _____ Date of the ORS/BURS: _____
 Amount : _____
 IMELDA G. CORPUZ
 Chief, Accounting Office