



## National Power Corporation

### SUPPLEMENTAL/BID BULLETIN NO. 1

to the Bid Documents for the following projects:

**SUPPLY AND DELIVERY OF TRANSMISSION LINE HARDWARES FOR SOUTHERN PALAWAN SS & 69KV UNDER PR. NO. S1-SPS22-004 / REF. NO. PB220822-CM00323**

**09 AUGUST 2022**

All prospective bidders and authorized copy holders of the Bid Documents of the above mentioned project are hereby advised of the additional information for the items in the Bid Documents, to wit:

#### A. PURPOSE OF ITEMS NO. 8 – COMPRESSION CLAMP and NO. 17 – LUGS

| ITEM NO. | ITEM DESCRIPTION  | PURPOSE       |
|----------|---|---------------|
| 8        | COMPRESSION CLAMP FOR 5/8" & 3/8" DIA.                        | FOR GROUNDING |
| 17       | LUGS COMPLETE WITH BOLTS, NUTS AND WASHER, HOT DIP GALVANIZED | FOR GROUNDING |

#### B. ADDITIONAL INFORMATION FOR OVERHEAD GROUND WIRE (OHGW)

Please refer to the drawing (Annex A)

#### C. ADDITIONAL INFORMATION FOR ITEMS NO. 17- LUGS and NO. 23 – STEEL CROSSARM

Please refer to the drawings (Annexes B & C)

All other terms and conditions shall remain the same.

For the information and guidance of all authorized copy holders of the Bid Documents and prospective bidders.

For the Bids and Awards Committee:

  
**RENE B. BARRUELA**

Vice President, Corporate Affairs Group and  
Chairman, Bids and Awards Committee

BIR Road corner Quezon Avenue, Diliman  
1100 Quezon City, Philippines  
Tel. Nos. (632) 921-3541 to 79 • Fax No. (632) 921-2468  
Website: [www.napcor.gov.ph](http://www.napcor.gov.ph)

AFG-LOG-002.F07  
Rev. No. 0  
Page 1 of 1



Management  
System  
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## ANNEX A:

### 1. Specification of OHGW:

Type & Size: 3/8" High Steel Galvanized

Stranding : 7-Strand

Outside Dia. : 9.525mm

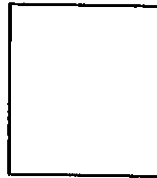
Area : 51.1mm

Weight : 0.406kg/m

Ultimate Strength: 4,900kg

1. VOLTAGE 50 KV

2. CONDUCTORS AND WIRES



| CONDUCTORS AND WIRES | CONDUCTORS                  |                         | OVERHEAD GROUND WIRE (OHGW)      |                         |                      |
|----------------------|-----------------------------|-------------------------|----------------------------------|-------------------------|----------------------|
| TYPE & SIZE          | ACSR/AW, 336.4 MCM (LINNET) |                         | 3/8" HIGH GRADE STEEL GALVANIZED |                         | 7/16" GRADE          |
| STRANDING            | 26/7                        |                         | 7-strand                         |                         |                      |
| OUTSIDE DIAMETER     | 18.3 mm.                    | 0.721 inch              | 9.525 mm.                        | 0.375 inch              | 11 mm                |
| AREA                 | 198.3 mm <sup>2</sup>       | 0.3072 in. <sup>2</sup> | 51.1mm. <sup>2</sup>             | 0.0792 in. <sup>2</sup> | 74.6 mm <sup>2</sup> |
| WEIGHT               | 0.689 $\frac{kg}{m}$        | 0.463 $\frac{lb.}{ft.}$ | 0.406 $\frac{kg}{m}$             | 0.273 $\frac{lb.}{ft.}$ | 0.594 $\frac{kg}{m}$ |
| ULTIMATE STRENGTH    | 6,386 kg.                   | 14,050 lbs.             | 4,900 kg.                        | 10,800 lbs.             | 6,575 kg.            |

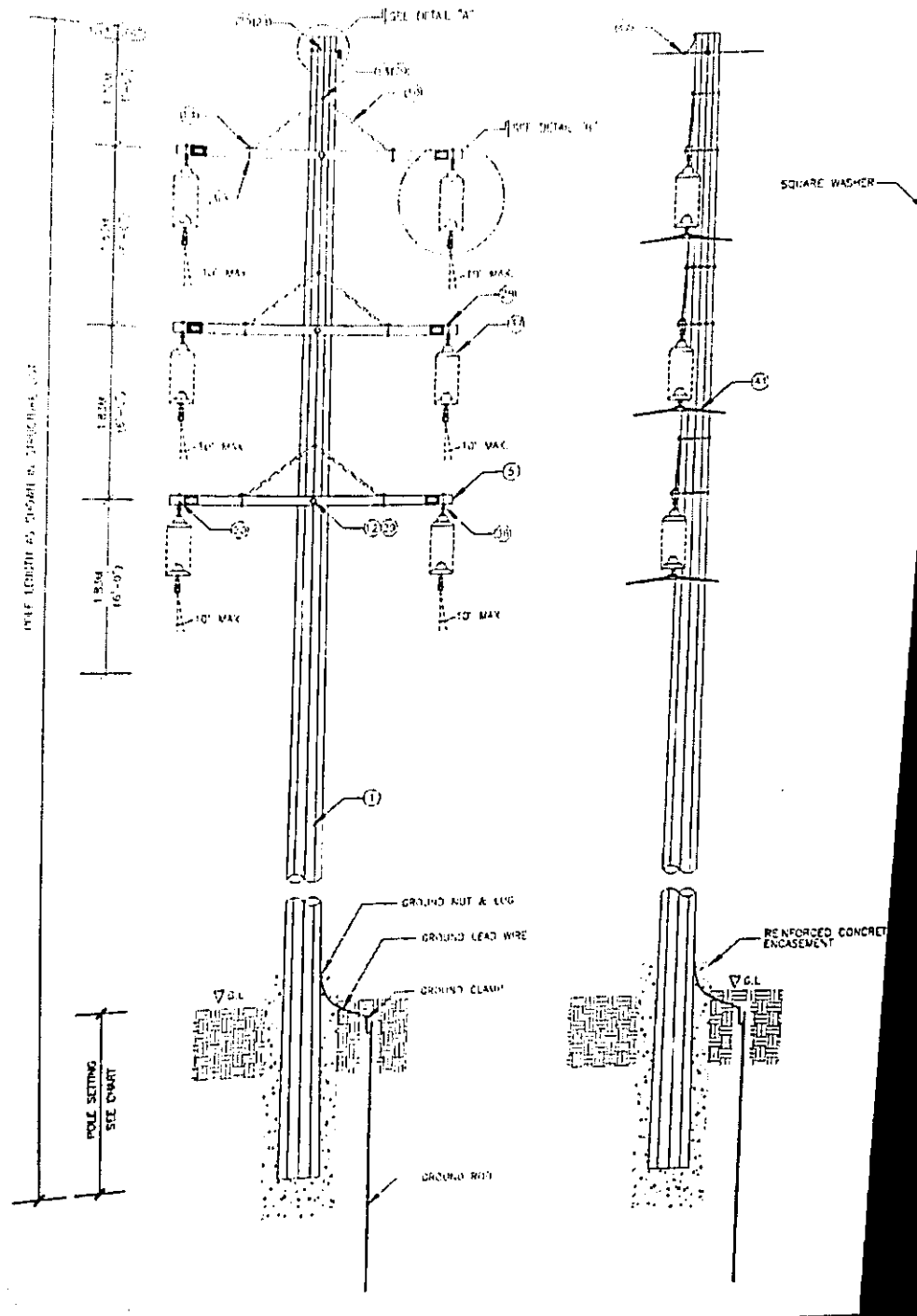
### 3. MAXIMUM LOADING:

TEMPERATURE \_\_\_\_\_ 20°C (68°F)  
 WIND VELOCITY \_\_\_\_\_ 160 KPH

# ANNEX B:

## 2. Lugs Complete with Bolts, Nuts and Washer, Hot Dip Galvanized

- For grounding



# ANNEX C:

## 3. Steel Crossarm BC, 100x70x6x3.05m (10'-0")

