



National Power Corporation

SUPPLEMENTAL / BID BULLETIN NO. 2022-GOODS-051

to the Bidding Documents for the:

REPAIR/RECONDITIONING/RETUBING OF DEFECTIVE AIR COOLERS

(MG-CEN22-004/ PB-2022-009, ITEM NO. 4)

(Published on May 24, 2022, PhilGEPS)

All prospective bidders are hereby informed of the changes in some provisions of the tender documents as follows:

Clarifications:

1. Changes in Section VII Conformity with the Technical Specifications- 3

Specification	FROM	TO
3. PULANGI IV HEP		
Quantity	185 pieces	185 pieces
Tube Material:	Copper-Nickel (Cu-Ni 90/10 Seamless)	Copper-Nickel (Cu-Ni 90/10 Seamless)
Fin Material:	Type HY Extruded Copper, Cu	Aluminum Spiral, Extruded Type, per ASTM B221M Alloy 1060F, preferred
Tube Outside Diameter:	12.70mm	12.70mm
Tube Thickness:	1.5mm	1.5mm
Total Length:	1600mm	1600mm
Unfilned Length:	120mm, both ends	60mm, both ends
Finned Tube Length:	1480mm	1480mm
Fin Thickness:	0.45mm, +/- 0.05mm tolerance	0.45mm, +/- 0.05mm tolerance
Fin Outside Diameter:	29mm +/-1mm	29mm +/-1mm
Pitch:	10 fins/inch (2.54mm spacing per fin), +/- 5%	10 fins/inch (2.54mm spacing per fin), +/- 5%

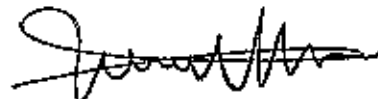


Specification	FROM	TO
5. Agus 7 HEP		
Quantity	205 pieces	205 pieces
Tube Material:	Copper-Nickel (Cu-Ni 90/10 Seamless)	Copper-Nickel (Cu-Ni 90/10 Seamless)
Fin Type and Material:	Aluminum Spiral, Extruded Type, per ASTM B221M Alloy 1060F, preferred	Aluminum Spiral, Extruded Type, per ASTM B221M Alloy 1060F, preferred
Tube Outside Diameter:	19mm	19mm
Tube Thickness:	1.5mm	1.5mm
Total Length:	2200mm	2150
Unfinned Length:	77mm, both ends	25mm, both ends
Finned Length:	2046mm	2100mm
Fin Thickness:	0.45mm, +/- 0.05mm tolerance	0.45mm, +/- 0.05mm tolerance
Fin Outside Diameter:	39mm, +/- 1mm	39mm, +/- 1mm
Pitch:	10 fins/inch (2.54mm spacing per fin), +/- 5%	10 fins/inch (2.54mm spacing per fin), +/- 5%
No. of Tubes per Assembly:		102

Notes:

1. All other terms published in the previous publication that are not amended by this publication shall remain the same.
2. For further clarification, you may contact us at (063)223-4604.

For the information and guidance of all concerned.



RICHARD G. REYES
 Alternate Chairman
 Bids and Awards Committee
 Mindanao Generation

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