

## **Section VI - Technical Specifications**

### **Part II - Technical Data Sheets**

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### **PART II – TECHNICAL DATA SHEETS**

## **SUPPLY AND DELIVERY OF VARIOUS ELECTRICAL SPARE PARTS OF PERKINS & CUMMINS GENERATOR SETS FOR TANDUBANAK DPP**

1. The Bidder shall complete this technical data sheet and submit the filled-up form with the technical proposal. The Bidder shall use continuation sheets as necessary for any other additional information keeping to the format shown herein or by reproducing the same.
2. NPC reserves the right to reject Bids without proper and/or specific data and information as required herein.
3. The data required are technical features and characteristics of the Equipment/Component/Parts to be provided by the bidder. Bidder's proposal shall at least be equal or superior to the requirements specified by NPC.

### **1.0 SPARE PARTS DATA**

Engine Model No. : 300KW PERKINS 2206C-E13TAG2, 160KW FG WILSON PERKINS 1606A-E92TAG4, 275 KW CUMMINS NTA855-G1B & 160KW CUMMINS 6CTA8.3-G2 (LOT AWARD)

ITEM	DESCRIPTION	NPC REQUIREMENTS			SUPPLIER'S DATA	
		PART NO.	QTY.		PART NO.	QTY.
1	MOTOR, STARTER, ASSY (DC MOTOR) for 160 KW Cummins Model 6CTA8.3-G2	C3415537	2	UNIT		
2	MOTOR, STARTER for 300KW TPI Perkins Model 2206C-E13TAG2	CH12807	1	UNIT		
3	STARTER MOTOR for 160 KW FG Wilson 160KW Model 1606A-E92TAG4	10000-00378	1	ASSY		
4	CURRENT TRANSFORMER, Donut Type, 300/5A, 600VAC, 50/60 Hz for 160 KW Cummins Model 6CTA8.3-G2		4	PC		
5	DIODE, Rotating Assembly with Varistor & Diode, Fitted in 160 KW Cummins Model 6CTA8.3-G2	MXG(II/S)100-12, MXY(II/S)100-12	3	PC		
6	KIT, AIR PRESSURE SENSOR for 160KW FG Wilson Model 1606A-	10000-60273	2	KIT		

	E92TAG4					
7	MAGNETIC PICK-UP for 160KW FG Wilson Model 1606A-E92TAG4	10000-05402	3	PC		
8	OIL PRESSURE SENSOR for 160 KW FG Wilson Model 1606A-E92TAG4	10000-60267	2	PC		
9	PICK-UP MAGNETIC for 275 KW Cummins Model NTA855-G1B	3034572	2	PC		
10	POTENTIOMETER, Speed Trim for 275 KW Cummins Model NTA855-G1B, Speed Trim 2K-5K	3015105	10	PC		
11	POTENTIOMETER, Volt Trim for 275 KW Cummins Model NTA855-G1B	3015235	10	PC		
12	SURGE SUPPRESSOR for 160 KW FG Wilson Model 1606A-E92TAG4	954-131	2	PC		
13	SENSOR, WATER TEMPERATURE GAUGE for 275 KW Cummins Model NTA855-G1B	3015233	8	PC		
14	SWITCH OIL PRESSURE SENDER for 160 KW Cummins Model 6CTA8.3-G2	3846N06	8	PC		
15	TEMPERATURE AIR SENSOR for 160 KW FG Wilson Perkins Model 1606A-E92TAG4	10000-60271	3	PC		
16	TEMPERATURE WATER SENSOR for 160 KW FG Wilson 1606A-E92TAG4	10000-60313	2	PC		
17	CIRCUIT BREAKER 400 Amps, 3 Phase, 480 VAC, 60 Hz, Moulded Type with Mechanism with four (4) auxiliary switch, four (4) Terminal Extender & Shunt Trip,	NSX400-630 F/N/H/NA	1	ASSY		

	24 VDC					
18	CURRENT TRANSFORMER, DOUGH NUT TYPE, 600/5A, 600 VAC, 50/60 Hz	10000-61133	4	PC		
19	ALTERNATOR for 160 KW Cummins Model 6CTA8.3-G2	3920679 / 3415691	2	UNIT		
20	ALTERNATOR for 275 KW Cummins Model NTA855-G1B	3016627	1	UNIT		
21	OIL PRESSURE TRANSDUCER for 275 KW Cummins Model NTA855-G1B	3015237	2	PC		

Name of Bidder: \_\_\_\_\_

Signature of Bidder: \_\_\_\_\_

*“If the part number(s) indicated by the bidder under the “Supplier’s Data” column is not the same to the part number indicated under the “NPC’s Requirement column”, the bidder will submit/attached the corresponding Service Bulletin issued by the OEM/Authorized Manufacturer or any documents that will support it, such as but not limited to the Catalogue/ Brochures/Parts Manual”. Provided that “Certification from \*Supplier that the item(s) offered is the same as required in the Tender Documents” must be submitted as post qualification requirement.*

Note:

\*Supplier refers to those mentioned/ covered under **a.2.4**

TS- DRAWINGS AND DOCUMENTS TO BE SUBMITTED

(Section VI – Technical Specifications)

**(a.2.4** Distributor/Dealer, a Certificate of Authorized Distributorship/Dealership from the OEM or Authorized Manufacturer of OEM Parts or Licensee of the OEM.)

(The authority can be acquired from OEM, Manufacturer of OEM Parts or Licensee of the OEM.)