



National Power Corporation

**SUPPLEMENTAL / BID BULLETIN NO. 1
TWELVE (12) MONTHS SUPPLY AND DELIVERY OF FUEL REQUIREMENTS FOR NPC-HO
FOR CY 2023 UNDER PR NO. HO-WIT22-010 / REF. NO. PB221026-JL00399
14 October 2022**

All prospective bidders and authorized copy holders of the Bid Documents of the above mentioned project are hereby advised of the change/s in the provision of the Bid Documents, to wit:

A. SECTION VI – PART II (TECHNICAL DATA SHEETS)

ADDITIONAL DETAILS:

ATTACHMENT A AND ATTACHMENT B

Please see attached form for Attachment A and Attachment B (three (3) pages)

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, CAG and
Chairman, Bids and Awards Committee



BID DOCUMENTS
SECTION VI – TECHNICAL SPECIFICATIONS
PART II – TECHNICAL DATA SHEETS

TWELVE (12) MONTHS SUPPLY AND DELIVERY OF FUEL
REQUIREMENTS FOR NPC-HO FOR CY 2023

PR NO. HO-WIT22-010

ATTACHMENT "A" [ITEM 1 – BIODIESEL FUEL – AUTOMOTIVE DIESEL (CME BLENDED)]

	Property	Unit	Test Method	NPC REQUIREMENT		SUPPLIER'S DATA		Comply/Not Comply
				Min.	Max.	Min.	Max.	
1	Cetane Number or Derived Cetane Number		PNS ASTM D 613 PNS ASTM D 6890 or PNS ASTM D 7170 or PNS ASTM D 7668	50	-			
2	Carbon Residue on 10% distillation residue Conradson or Ramsbottoms or Micro	%mass	PNS ASTM D 189 or PNS ASTM D 524 or PNS ASTM D 4530	-	0.15			
3	CME, content	%volume	EN 14078 or PNS/DOE TM 01 or PNS/DOE TM 02 or PNS ASTM D7371 or PNS ASTM D7806	1.7	2.2			
4	Color, ASTM		PNS ASTM D 1500	-	2.5			
5	Copper strip corrosion 3 h at 50°C		PNS ASTM D 130 or PNS ISO 2160	-	No. 1			
6	Density at 15°C	kg/L	PNS ASTM D 1298 or PNS ASTM D 4052 or PNS ASTM D 7777	0.820	0.860			
7	Distillation, 90% recovered	°C	PNS ASTM D 86	-	370			
8	Flash Point, Pensky-Marten	°C	PNS ASTM D 93	55	-			
9	Kinematic Viscosity	mm ² /s at 40°C	PNS ASTM D 445 or PNS ASTM D 7042	2.0	4.5			
10	Lubricity, (HFRR), wear scar dia. at 60°C	micron	PNS ASTM D 6079	-	460			
11	Methyl Laurate (C12 ME)	%mass	PNS/DOE TM 01	0.8	-			
12	Sulfur	%mass	PNS ASTM D 4294 or PNS ASTM D 2622 or PNS ASTM D 5453 or PNS ASTM D 7039	-	0.005			
13	Water	%volume	PNS ASTM D 6304 or PNS ISO 12937 or PNS ASTM E 203	-	0.05			
14	Water and Sediment	%volume	PNS ASTM D 2709	-	0.10			
15	Compliant to Philippine National Standards – PNS/DOE QS 004:2017							

Name of Bidder : _____

Signature of Bidder : _____

ATTACHMENT “B” (ITEM 2 – E-10 GASOLINE (EURO 4-PH) PREMIUM)

Property	Unit	Test Method	NPC REQUIREMENT (Premium)			SUPPLIER'S DATA			Comply/Not Comply
			Red	Min.	Max.	Min.	Max.		
1. Color		Visual							
2. Copper strip corrosion 3 hr at 50°C				-	1				
3. Density at 15°C	Kg/L	PNS ASTM D 1298 PNS ASTM D 4052 PNS ASTM D 7777		-	0.783				
4. Distillation temperature, °C at									
10% recovered	°C			-	70				
50% recovered	°C			70	110				
90% recovered	°C	PNS ASTM D 86		-	180				
Endpoint	°C			-	215				
Residue	% volume			-	2				
5. Existent gum	mg/100 ml	PNS ASTM D 381		-	4				
6. Hydrocarbons Aromatics	% vol	PNS ASTM D 5443							
		PNS ASTM D 5580							
		PNS ASTM D 5769							
		PNS ASTM D 5986							
		PNS ASTM D 6729							
		PNS ASTM D 6730							
		PNS ASTM D 6839							
		PNS ASTM D 3606							
		PNS ASTM D 5443							
PNS ASTM D 5580									
7. Benzene	% vol	PNS ASTM D 5769							
		PNS ASTM D 5986							
		PNS ASTM D 6277							
		PNS ASTM D 6729							
		PNS ASTM D 6730							
		PNS ASTM D 6839							
		PNS ASTM D 4815							
		PNS ASTM D 5599							
		PNS ASTM D 5845							
8. Ethanol (C2)	% vol	PNS ASTM D 5986		9.0	10				
		PNS ASTM D 6729							
		PNS ASTM D 6730							
		PNS ASTM D 6839							
		PNS ASTM D 3606							
		PNS ASTM D 5443							
		PNS ASTM D 5580							
		PNS ASTM D 5769							
		PNS ASTM D 5986							

Property	Unit	Test Method	NPC REQUIREMENT (Premium)		SUPPLIER'S DATA		Comply/Not Comply
			Min.	Max.	Min.	Max.	
9. Methanol	%vol	PNS ASTM D 4815 PNS ASTM D 5599 PNS ASTM D 5986	-	0.2			
10. Ethers (e.g. MTBE) (not added)	%vol	PNS ASTM D 4815 PNS ASTM D 5599 PNS ASTM D 5845 PNS ASTM D 5986 PNS ASTM D 6729 PNS ASTM D 6730 PNS ASTM D 6839	-	2			
11. Lead content (not added)	g/L	PNS ASTM D 3237 PNS ASTM D 3348 PNS ASTM D 5059	-	0.005			
12. Octane Rating							
Research Octane Number (RON)		PNS ASTM D 2699	95	-			
Anti-Knock Index		PNS ASTM D 4814	87.5	-			
13. Sulfur	%vol	PNS ASTM D 1266 PNS ASTM D 2622 PNS ASTM D 4294 PNS ASTM D 5453 PNS ASTM D 7039	-	0.005			
14. Vapor Pressure at 37.8°C	kPa	PNS ASTM D 4953 PNS ASTM D 5191 PNS ASTM D 5482	-	62			
15. Water Content	%v/v	PNS ASTM D 203 PNS ASTM D 6304	-	0.1			
Compliant to Philippine National Standards PNS/DOE QS 008:2018							

Name of Bidder : _____

Signature of Bidder : _____