



# GUAM POWER AUTHORITY

ATURIDĀT ILEKTRESEDĀT GUĀHAN  
P.O.BOX 2977 • HAGĀTŊA, GUAM U.S.A. 96932-2977

Telephone Nos. (671) 648-3054/55 or Facsimile (671) 648-3165



Joseph T. Duenas  
Chairman



John M. Benavente, P.E.  
General Manager

## STATEMENT OF INTEREST

The Guam Power Authority is seeking a Solicitation of Interest from interested vendors/contractors in providing Petroleum Testing Services for Ultra-Low Sulfur Diesel (ULSD).

Interested parties shall have its own certified petroleum laboratory testing facility, equipment, and other resources in Guam, with the capability to test all the quality requirements listed in the attached Exhibit A, at its Guam facility.

Testing shall be on an "As Needed" basis and the estimated requirement are as follows:

- (1) Daily for tank-to-tank transfers from the bulk storage tanks to the power plants; and
- (2) Monthly for fuel receipts from ocean-tanker shipments into the bulk storage tanks

Interested parties are requested to submit a letter of interest and a comprehensive statement of qualifications.

Exhibit A will be downloadable on our GPA website:

[http://guampowerauthority.com/gpa\\_authority/procurement/gpa\\_current\\_rfps.php](http://guampowerauthority.com/gpa_authority/procurement/gpa_current_rfps.php)

Statements of Interest must be received by October 06, 2020 and addressed to:

Mr. John M. Benavente, P.E., General Manager  
c/o Jamie Lynn C. Pangelinan, Procurement Division  
Gloria B. Nelson Public Service Building  
688 Route 15  
Mangilao, GU 96913

For more information, please contact Jamie Lynn C. Pangelinan, Procurement & Materials Management Administrator at (671) 648-3054/5, or via email at [jpangelinan@gpagwa.com](mailto:jpangelinan@gpagwa.com).

/s/ John M. Benavente, P.E.  
General Manager

**Exhibit A****ULSD Product Quality Specification**

DESCRIPTION	ASTM TEST METHOD	UNIT OF MEASURE	LIMITS	
			Minimum	Maximum
Flash Point	D93	deg C	60	
Cloud Point	D2500	deg C		5
Bottom Sediment & Water	D2709	vol %		0.05
Distillation Temp, 10% recovered	D86	degC	180	230
Distillation Temp, 50% recovered	D86	degC	230	310
Distillation Temp, 90% recovered	D86	degC	282	360
Distillation Temp, 95% recovered	D86	degC	300	370
Kinematic Viscosity	D445	mm <sup>2</sup> /s at 40 degC	1.9	4.1
Total Aromatic Hydrocarbons	D6591 or IP391	wt%		30
Dicyclic Aromatic Hydrocarbons	D6591 or IP391	wt%		5
Tricyclic and higher Aromatic Hydrocarbons	D6591 or IP391	wt%		1
Olefin Content	D1319	vol%		5
Ash	D482	wt%		0.01
Sulfur	D4294 or D5453 or D7039	ppmw		10
Sulfur Mercaptan	D3227	ppmw		3
Copper Strip Corrosion Rating (3hrs min at 50oC)	D130			No. 1
Cetane Index	D613 or D976-80 or D4737		46	
Carbon Residue on 10% distillation residue	D189 or D524 or D4530 or D6371	wt%		0.2
Lubricity, HFRR @ 60oC	D6079	micron		400
Conductivity	D2624 or D4308	pS/m	100	600
Density @ 15oC	D4052 or D1298	kg/m3	820	850
Gravity, API @ 60oF	D1295 or D4052		35	41
Color	D1500			2.0
Hydrogen Sulfide in Liquid	IP 570A	mg/kg		2.0
Strong Acid No.	D974	mg KOH/g		Nil
Total Acid No.	D974	mg KOH/g		0.2
Odour	Indirect			Merchantable
Stability (Oxidation), 16Hrs	D2274	mg/L		20

Appearance @ ambient temp	D4176			Clear, bright and free from particulates and water
Haze Rating	D4176			1 <sup>1</sup>
Particulate Matter (Max. 10 micron)	D6217	mg/L		1
Water content	D6304	mg/kg		100
Filter Blocking Tendency (FBT)	D2068 or IP387			1.35
Fatty Acid Methyl Ester (FAME)	D7371-14 or EN14078	vol%		0.1
Guaranteed Heating Value (HHV)	D240	MMBTU/bbl	5.70	
Static Dissipation Additives (Stadis 450)	Declared			Report
Lubricity Additive	Declared			Report
Biodiesel Content	Declared			NIL
Virgin Vegetable & Animal Oils	Declared			NIL
Unhydrotreated Cracked Components	Declared			NIL
Na	D7111	ppmw		0.1
K	D7111	ppmw		0.1
Ca	D7111	ppmw		0.1
V	D7111	ppmw		0.1
Pb	D7111	ppmw		0.1
Ni	D7111	ppmw		0.1
Zn	D7111	ppmw		0.1
Cu	D7111	ppmw		0.1
Ba	D7111	ppmw		0.1

<sup>1</sup> Haze rating 1: No visible free water, particulates or sediment