

ANNEX B1

TECHINICAL SPECIFICATIONS

Invitation to Bid No: ITB/JAL/001/2024

Provision and Delivery of Fuel in SO JALALABAD

No#	Item	MINIMUM ACCEPTABLE SPECIFICATIONS	UNHCR MINIMUM STANDARD OF PRODUCT REQUIRED
1	Diesel (A.G.O)	<p><u>DIESEL (AGO)</u> <u>CHARACTERISTICS LIMITS</u></p> <ul style="list-style-type: none"> - Specific gravity (@ 60/60°F) 0.820(min.) - Distillation - Recovery (@35°C%wt) 90(min.) - FBP (OC) 385 (max.) - Colour 3(max.) - Flash point (oF) 150 (min.) - Total sulphur (%wt) 0.5 (max.) - Copper corrosion (3hr @ 100°C) No.1 strip (max,) - Kinematic viscosity (@100°Fcst) 1.6-5.5 - Cloud point (oF) 40(max) - Carbon residue (Conradson on 10% residue) %wt 0.15(max) - Strong acid number (mg. KOH/g) Nil - Total acid number (mg. KOH/g) 0.5 (max) - Ash content (%wt) 0.01 (max.) - Water by distillation (%Vol.) 0.05 (max) - Water by extraction (%wt) 0.01 (max.) - Diesel index 47 (min) 	<p>Flash point (oF)150(Max) (min.) 95(oF) Diesel (2) >52 °C (126 °F)</p>
2	Petrol (P.M.S)	<p><u>GASOLINE (PMS) (UNLEADED)</u> <u>CHARACTERISTICS LIMITS</u></p> <ul style="list-style-type: none"> - Specific gravity 60°/60 F 0.757-0,77 max - Distillation range (oC) 35-205 - 10% evaporated (OC) 70 max. - 50% evaporated 125 max - 100% evaporated (OC) 180 max. 	<p>(min.) Flash Point Gasoline (petrol) -43 °C (-45 °F)</p>

		<ul style="list-style-type: none"> - FBP evaporated (OC) 205 max. - Residue % Vol. 2 max - Odour Merchantable - Colour Orange - Total sulphur No,1 strip max. - Copper corrosion No.1 strip max - Vapour/liquid - Ratio: T36°C 68 max. - Existent gum (mg/100ml) 4 max, - Oxidation stability (min.) 360 min. - Knock rating (RON) 90 min. - RVP (Vapour pressure) (psi) 90 max. 	
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Required Quality	As specified in Annex B
Delivery time	Recurrently
QUALITY OF PRODUCT/UNIT COST DURATION	
As specified in Annex A	Minimum of (3) Months
DELIVERY TERMS	
Applicable INCOTERMS:	DAP
Supply/Delivery Points:	UNHCR Office SO JALALABAD offices 797, Street # 12, Zone # 3, P.O. Box 3232, Jalalabad. Afghanistan. or UNHCR ENCASHMENT CENTER, Samarkhel village, Bihsude district, Nangarhar Province, Afghanistan

General requirements:

Bidder are allowed to notify UNHCR of any addition product standard specification if the product standard specified in Annex A is not sufficient or deviate from the approved and acceptable standard required in AFGHANISTAN Petroleum Corporation.