

ITEM(S) SPECIFICATIONS FOR ADVERTISEMENT

TENDER/QUOTATION NAME	TO SUPPLY AND DELIVER PURIFIED HELIUM FOR DEPARTMENT OF SCIENTIFIC SERVICES, MINISTRY OF HEALTH
-----------------------	--

USER REQUIREMENTS						VENDOR'S OFFER				
NO.	ITEM NAME	ITEM DESCRIPTIONS AND SPECIFICATIONS	PART/CAT NO.	PACKAGING SIZE	QUANTITY	ITEM OFFERED	PACKAGING SIZE	QUANTITY	PRICE PER UNIT (\$)	TOTAL (\$)
1	Purified Helium	<p><u>1.0 General</u></p> <p>To supply and deliver purified helium to the Department of Scientific Services (DSS). Including to all three (3) DSS branches namely; Main DSS HQ, Madaras and Serasa.</p>	N/A	6.6m3 (47L)	442.2m3 (67 cyls)					

Procurement Ref. No. : DSS/AQ/PROC/B50K/2026-2027/007 (ADM)
 Section/Laboratory Ref. No.: DSS/GAS/2026/02

		<p><u>2.0 Scope of work</u></p> <p>2.1. The scope of work involves supply, delivery and installation of Purified helium to DSS.</p> <p>2.2 The tenderer is required to provide their own cylinders for exchange basis.</p> <p>2.3 Cylinders are NOT allowed to be mixed during refilling.</p> <p>2.4. Cylinders supplied should bear a certified pressure testing mark on the cylinder.</p> <p>2.5 Delivery of purified helium must be within office hours.</p> <p>2.6 Purified helium deliveries will be scheduled upon request, utilizing a staggered approach.</p>								
--	--	---	--	--	--	--	--	--	--	--

		<p><u>3.0 SCOPE OF SUPPLY</u></p> <p>3.1 Moisture<2ppm, Oxygen<2ppm, Hydrocarbons<0.5ppm</p> <p>3.2 Minimum Total Purity: 99.9995%</p> <p>3.3 Gas pressure: 150 bar</p> <p>3.4 Capacity: 6.6m3 (47L)</p> <p>3.5 Outlet valve type: BS 341 No. 3</p>								
		<p><u>4.0 SPECIFICATIONS OF CYLINDERS</u></p> <p>Successful tenderer should provide the cylinder with specifications as follows or better:</p>								

		<p>4.1 Should not be more than 10 years old</p> <p>4.2 Specification: TO DOT - 3AA 2175</p> <p>4.3 Material: 4130X</p> <p>4.4 ULT. Tensile: 105000 psi min, yield: 84000 psi min; elongation: 20% min on 2"</p> <p>4.5 Capacity: 6.6m3</p> <p>4.6 Test pressure: 3625 psi (250 bar), working pressure: 2175 psi (150 bar)</p> <p>4.7 Cap: 46175P, Collar: 46174P Rev2. Ref1, Collar thread: 80 x 11 T.P.I., Cylinder neck thread: Screwed to BS 341: part1: 1991 Type 25T.</p>								
--	--	--	--	--	--	--	--	--	--	--

Procurement Ref. No. : DSS/AQ/PROC/B50K/2026-2027/007 (ADM)
Section/Laboratory Ref. No.: DSS/GAS/2026/02

		4.8 Stress at test pressure = 69954 psi								
		<p>5.0 Site Preparation</p> <p>It is MANDATORY for the tenderer to do site visit prior to tender submission to discuss site requirements. Non-attendance will be considered as non-compliance.</p>								

NOTE	VENDOR'S OFFER
<i>Delivery Period Upon the Issuance of PO</i>	
<i>Price Validity must not be less than 90 days</i>	

Bahagian/Unit/Makmal :	DSS/GAS/2026/02		
Bil. Rujukan Bahagian/Unit/Makmal :	GAS COMMITTEE		
Pegawai dirujuk :	Nama : KOH YEE SOAN		
	E-mail : yeesoan.koh@moh.gov.bn		
	Tel.No. : 2382424	Fax No. : 2381946	
UNTUK KEGUNAAN BAHAGIAN PENTADBIRAN SAHAJA			
No. Rujukan PROCUREMENT :	DSS/AQ/PROC/B50K/2026-2027/007 (ADM)		
Tarikh Menghantar Iklan :			