



NATIONAL REFINERY LIMITED

7-B, Korangi Industrial Zone, Korangi, Karachi-74900, (Pakistan)
P.O.Box No. 8228
Telephone: 35064981-3 PABX Fax: 92-21-35054663 Direct: 35121836
smgr_procurement@nrlpak.com

Request For Quotation

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Our Ref No. WHF-3889

No. 6100021756
Dated 06.02.2024

Due Date: 27.02.2024

Shipment to Karachi Via: Air / Sea

Shipment to Karachi By : _____

Manager Imports

Please send us your best offer in the form of Performa Invoice on your letterhead based on C&F Karachi and at least provide the gross weight & dimensions along with complete address of Ex-works/ FOB destination, duly signed, for the under mentioned items. In case of local agents / representative original Invoice from the Principal must be enclosed. Quotation should be submitted along with our attached "BID FORM" completely filled in.

Incomplete and conditional offers will not be entertained. No advance payment will be made. All bank charges inside Pakistan will be on our account and all bank charges outside Pakistan will be on beneficiary's account. The bids are to be submitted in the sealed envelope clearly marked as Manager Imports and our reference No. mentioned above and courier/ e-mail to us. Please e-mail/ fax us your courier Slip No. The bids to be reached latest by the above mentioned date.

Item	Material	Description	Unit	Quantity	Unit Price	Freight/ Packing Charges	Total C&F Value (Currency)
00010	20-662-111A1	CAL GAS : H2 99.999% : 10 L , 200 BAR Calibration Gas: Hydrogen (H2) 99.999% Pressure: 200 bar Capacity: 10 liters at 1.5 m3 Cylinder Material: Steel Cylinder Type: Refillable Installed at: 305-AT-004, 309-AT-002/309-AT-003, 309-AT-004/309-AT-006 Preference will be given to vendor who shall offer refilling of calibration gas in NRL provided cylinders.	CYL	2			

YOUR REF. NO.

DATE:

AUTHORIZED SIGNATURE



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00020	20-662-112A1	CAL GAS : H2 99.999% : 50 L , 200 BAR Calibration Gas: Hydrogen (H2) 99.999% Pressure: 200 bar Capacity: 50 liters at 9 m3 Cylinder Material: Steel Cylinder Type: Refillable Installed at: 305-AT-004, 309-AT-002/309-AT-003, 309-AT-004/309-AT-006 Preference will be given to vendor who shall offer refilling of calibration gas in NRL provided cylinders.	CYL	5			
00030	20-662-122A1	CAL GAS : H2/N2, 10 L, 150 BAR "Calibration Gas: H2 5% N2 Balance Pressure: 150 bar Capacity: 10 litre at 1.372 Nm3 Cylinder Material: Steel Cylinder Type: Refillable Installed at: 312-AT-002"	CYL	1			



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00040	20-662-125A1	CAL GAS : SO2/NO/CO/N2, 10 L, 150 BAR "Calibration Gas : SO2 100 ppm NO 400 ppm CO 800 ppm N2 Balance Pressure: 150 bar Capacity: 10 Litre at 1.381 Nm3 Cylinder Material: Aluminium Cylinder Type: Refillable Installed at: 312-AT-004"	CYL	2			
00050	20-662-126A1	CAL GAS: H2S 7ppm/N2, 10 L, 150 BAR "Calibration Gas : H2S 7 ppm N2 Balance Pressure: 150 bar Capacity: 10 Litre at 1.381 Nm3 Cylinder Material: Aluminium Cylinder Type: Refillable Installed at: 312-AT-004"	CYL	2			



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00060	20-662-127A1	CAL GAS : H2S 80 ppm/N2, 10 L, 150 BAR Calibration Gas: H2S 80 ppm N2 Balance Pressure: 150 bar Capacity: 10 Litre at 1.376 Nm3 Cylinder Material: Aluminium Cylinder Type: Refillable Installed at: 310-AT-001 Preference will be given to vendor who shall offer refilling of calibration gas in NRL provided cylinders.	CYL	1			
00070	20-662-128A1	CAL GAS: O2 15ppm/N2, 10 L, 150 BAR Calibration Gas: O2 15 ppm N2 Balance Pressure: 150 bar Capacity: 10 Litre at 1.381 Nm3 Cylinder Material: Aluminium Cylinder Type: Refillable	CYL	1			



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Item	Material	Description	Unit	Quantity	Unit Price	Freight/ Packing Charges	Total C&F Value (Currency)
00080	20-662-135A1	CAL GAS (CO/CO2) 10ppm/H2, 10L, 150 Bar Calibration Gas: CO 10 ppm CO2 10 ppm H2 Balance Pressure: 150 bar Capacity: 10 Litre at 1.303 Nm3 Cylinder Material: Aluminium Cylinder Type: Refillable Installed at: 305-AT-004, 309-AT-002 Preference will be given to vendor who shall offer refilling of calibration gas in NRL provided cylinders.	CYL	1			
00090	20-662-138A1	CAL GAS: CO2 8ppm/N2, 10 L, 150 BAR Calibration Gas: CO2 8 ppm N2 Balance Pressure: 150 bar Capacity: 10 Litre at 1.381 Nm3 Cylinder Material: Aluminium Cylinder Type: Refillable	CYL	1			
00100	20-662-145A1	CAL GAS: H2S 25 ppm/N2, 110L, 1000 PSI Calibration Gas: H2S 25ppm N2 or Air Balance Pressure: 1000 psi Capacity: 110 Litres Shelf Life : At Least 3 Years Cylinder Type: Disposable	CYL	2			



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00110	20-662-146A1	CAL GAS CH4/Air, 110L, 1000 PSI "Calibration Gas: CH4 2.5% v/v Air Balance Pressure: 1000 psi Capacity: 110 Litres Cylinder Type: Disposable Installed at: Standard Combustible Gas Monitor (CH4)"	CYL	2			
00120	20-662-148A1	CAL GAS: NH3/N2 or Air, 110L, 1000 PSI "Calibration Gas: NH3 25ppm N2 or Air Balance Pressure: 1000 psi Capacity: 110 Litres Cylinder Type: Disposable Installed at: NH3 Calibration Gas Monitor"	CYL	1			



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00130	20-662-151A1	<p>CAL GAS COMPOSITION : 10 L, 309-AT-004</p> <p>Calibration Gas: COMPONENT CONCENTRATION UNIT 2,3-DIMETHYLBUTANE 5 MOL% 2,2-DIMETHYLBUTANE 0.25 MOL% 2-METHYLPENTANE 27 MOL% 3-METHYLPENTANE 22 MOL% N-HEXANE 17 MOL% METHYLCYCLOPENTANE 15 MOL% CYCLOHEXANE 8 MOL% N-HEPTANE BALANCE MOL%</p> <p>Helium Overpressure: 15 bar Capacity: 10 Litre at 1.354 Nm3</p> <p>Cylinder Material: Aluminium Cylinder Type: Refillable</p> <p>Installed at: 309-AT-004</p>	CYL	1			
00140	20-662-152A1	<p>CAL GAS COMPOSITION : 10 L, 309-AT-006</p> <p>"Calibration Gas: COMPONENT CONCENTRATION UNIT 2-METHYLPENTANE 7.5 MOL% 3-METHYLPENTANE 1 MOL% 2,2-DIMETHYLBUTANE 17 MOL% N-PENTANE 17 MOL% CYCLOPENTANE 5 MOL% 2,3-DIMETHYLBUTANE 4 MOL% PROPANE 0.02 MOL% N-BUTANE 1.75 MOL% N-HEXANE 0.02 MOL% METHYLCYCLOPENTANE 0.01 MOL% CYCLOPENTENE 4.88 MOL% ISOPENTANE ALANCE MOL%</p> <p>Helium Overpressure: 15 bar Capacity: 10 Litre at 1.461 Nm3</p> <p>Cylinder Material: Aluminium Cylinder Type: Refillable</p> <p>Installed at: 309-AT-006"</p>	CYL	1			



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