



# 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

Page 1 of 2.

Our Ref No. 28144

No. 6100020655  
Dated 04.04.2023

Due Date: 30.11.2023

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	34-037-004	<b>COMPACT FLAME DETECTOR</b> Compact case with integrated flame sensor and dual amplifier for fail safe operation Intensity adjust in multiple steps with digital circuit design for flame evaluation Status indication by LEDs for UV/IR SENSOR: IR & UV BOTH With Expanded features Sensing flame wave length: UV-VIS & IR range wavelength 24 VDC operating voltage Two electronic channel system for fail safe operation and supervision LED bar flame intensity indication and 4 (0) ... 20 mA analog output SIL 3 following DIN EN 61508-2 Power supply: 24 VDC ± 20 %, . 4,0 W Protection Class III Flame failure response delay : adjustable upto 10s Output contact: . 42 VDC, . 6 VAC/DC . 0,5 A, . 1,0 mA floating RELAY OUTPUT: FLAME RELAY, SPST (N.O.) , FAULT RELAY, SPST (N.C.) CONTACT RATING: 2A@240 Vac (FM & UL MODELS AND ALL "CG" MODELS) Frequency range: 10/20/30 ... 190 Hz Safety time "operation": t . 1 s (standard) t . 3 s (on request, at the factory) Mode of operation: Continuous operation 24/7 Protection class: IP66 / IP67	NO	2			

YOUR REF. NO.

DATE:

AUTHORIZED SIGNATURE



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## Request For Quotation

Page 2 of 2.

Tel :  
Fax :  
Vendor No. 200861

Our Ref No. 28144

No. 6100020655  
Dated 04.04.2023

Due Date: 30.11.2023

Shipment to Karachi Via: Air / Sea

Shipment to Karachi By : \_\_\_\_\_

Item	Material	Description	Unit	Quantity	Unit Price	Freight/ Packing Charges	Total C&F Value (Currency)
		<p>NEMA 4X Operating temperature: -20 °C ... +85 °C Dimension: Total length: 216 mm Diameter: 60/90 mm Material: Corrosion-resistant aluminium EN AW 6082 Threaded connection with purge air coupling and globe joint for flexible adjustment Preferred application / fuels Oil, Gas, LPG (special gases of refinery - or furnaces) -SPECTRAL RANGE 200 ... 420 nm -SPECTRAL RANGE 850 ... 2.800 nm Sensitivity features: · 2 sensitivity sections · 6 steps selectable for each sensitivity section · externally switchable · Increased sensitivity in section 2 HOUSING Ex-ZONE 1 in acc. to ATEX and IECEX, IP66, NEMA 4X / SIL 3 Explosion protection : II 2 G EEx de IIC T6/T5 Class 1, Div. 1, Group B, C &amp; D Mounting Accessories : YES</p>					