



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 3.

Our Ref No. whf-4099

No. 6100023056
Dated 20.09.2024

Due Date: 24.10.2024

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	26-027-430K1	STRONG ANION RESIN GEL OR MACRO POROUS TYPE STRONG BASE ANION ION EXCHANGE RESIN Matrix type macro porous polystyrene Specific gravity 1.04 to 1.06 Cl form Total ion exchange capacity 1.25 eq/l Ionic form Cl- Water retention 51-57 Maximum swelling Cl-OH (15 %) Operating ph range 0-9 Operating temperature limit 140 °F Chemical resistance unaffected by acids, bases and common solvents NOTE: Resin will regenerate with NaOH (caustic) only. It is readily regenerated with dilute solution of NaOH (200 LTR STEEL DRUM EACH)	LTR	4,000.0			

YOUR REF. NO.

DATE:

AUTHORIZED SIGNATURE



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Tel :
Fax :
Vendor No. 200861

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No. 6100023056

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Item	Material	Description	Unit	Quantity	Unit Price	Freight/ Packing Charges	Total C&F Value (Currency)
00020	26-027-436K1	WEAK CATION RESIN GEL TYPE WEAK ACID CATION ION EXCHANGE RESIN Polymer Matrix Cross linked polyacrylic acid Ionic form as supplied H+ Moisture Retention H + form from 40 to 50 % H + form Physical form moist golden translucent bed Ion exchange capacity 4.2 to 4.5 or 92 kgr/cuft Maximum reversible swelling H+ ----- Na+ 80 to 90 % Maximum reversible swelling H+ - -----Mg ++ 40 to 50% Operating reversible swelling H+ ----- Ca ++ 7 to 15 % Specific gravity 1.18 Operating PH range 5 to 10 Operating temperature limit 120 °C (250 °F) Chemical resistance unaffected by acids, alkalis or common solvent NOTE: Resin will regenerate with Hcl only. It is readily regenerated with dilute solution of Hcl. (200 LTR STEEL DRUM EACH)	LTR	3,000.0			



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Item	Material	Description	Unit	Quantity	Unit Price	Freight/ Packing Charges	Total C&F Value (Currency)
00030	26-027-438K1	<p>WEAK ANION RESIN</p> <p>GEL OR MACRO POROUS TYPE WEAK BASE ANION ION EXCHANGE RESIN</p> <p>Matrix type macro porous polystyrene</p> <p>Functional group -N (R) 2: 90 %</p> <p>Physical group beads, ivory color</p> <p>Specific gravity 1.04 to 1.06 Cl form</p> <p>Total ion exchange capacity 1.7 eq/l to 2 eq/l</p> <p>Ionic form freebase or OH</p> <p>Water retention 58-65</p> <p>Maximum swelling freebase Cl (10-15 %)</p> <p>Operating ph range 0-9</p> <p>Operating temperature limit 140 °F</p> <p>Chemical resistance unaffected by acids, bases and common solvents.</p> <p>NOTE: Resin will regenerate with NaOH (caustic) only. It is readily regenerated with dilute solution of NaOH.</p> <p>(200 LTR STEEL DRUM EACH)</p>	LTR	5,000.0			