

Carbon Molecular Sieve

OGDCL invites bids for the supply of 3000 Kg of Carbon Molecular Sieve of on C& F basis in accordance with terms and conditions specified in the tender documents.

1. Scope of Work

The following scope of supply shall be applicable for supply of above material:

- 1.1 Supply of Carbon Molecular Sieve Adsorbent for Nitrogen Package at Nashpa plant used for separation of Nitrogen from air.
- 1.2 Bidder will have to confirm and submit a firm declaration on original manufacturer letterhead regarding below point.
 - Vender shall guarantee that their offered product fulfills the process requirement of Nitrogen package installed at Nashpa plant and produce Nitrogen upto 99% pure from air and diffuse oxygen from air till 5000 PPM.
- 1.3 Provide operating guidelines, technical literature and requirement for the proper usage of supplied products.
- 1.4 Technical support services throughout the usage of supplied Carbon Molecular sieve as per Clause 7 on as and when requirement basis.

2. Basis for Selection of Selective Molecular sieve

2.1 Chemical Specifications

Specification		
Carbon Molecular Sieves		
1	Bulk Density	640-660 g/L
2	Diameter	1.5 mm
3	Crushing Strength	100 N/P Min
4	Dust Level	100 ppm
5	Switch Cycle	60 Sec
6	Recovery Nitrogen/Air [%]	37 min
7	Recovery Nitrogen/Air [NM3/hr.ton]	190 min
8	Ball Pen Hardness	>95 %

3. Necessary Data/ Attachments with Bid

Clients / Sales Achievement in Pakistan (for same application) Bidder has to furnish two letter of recommendation/performance comments of the client/user from any reputed petrochemical company whom they have supplied not less than 1,000 Kg of Carbon Molecular Sieve Adsorbent and one letter should preferably from Pakistan while the Bidder who supplied the same chemical to OGDCL through bidding procedure and subsequently