



OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT (LOCAL), ISLAMABAD
SCHEDULE OF REQUIREMENT

Material : **PROCUREMENT OF EXTENDED LIFE COOLANT (INHIBITOR) FOR WAUKESHA ,CAT & CUMMINS ENGINES.**

Due Date:

Tender Enquiry No: **PROC-LC/PT/16995**

Bid Bond Value : PKR: 70,000/-

EVALUATION WILL BE CARRIED OUT ON FULL

Attachment(if any) : **YES**

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation from Tender Spec. If Any
1	COOLANT EXTENDED LIFE, FOR HEAVY DUTY ENGINES ASY LUBRICANTS. AS PER ATTACHED TOR	10400		Litre					

Special Note:- The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDCL.
- THE MATERIAL WILL BE SUPPLIED TO QADIRPUR PLANT WITH IN 60 DAYS DAYS AFTER ISSUANCE OF LPO.

Discount (if any) shall only be entertained on Schedule of Requirement of Bidding Document (Financial Proposal). If the discount is mentioned elsewhere in the bid, the same shall not be entertained.

TOR for Extended Life Coolant for Engines

Sr. No	Chemical & Physical Properties	Specification	Fill by the Vender
1	Ethylene GlycolG (50% by volume) aqueous		
2	Inhibitor Contents		
3	Ash Contents	<5% w/w	
4	Nitrite, Amine, Phosphate	<1.1% w/w	
5	Borate, Silicate	Nil	
6	Chloride	Nil	
7	Sulphate	< 200	
8	Hardness	< 500	
19	Molybdate	< 300	
9	Specific Grvity, 15 degree C	<950ppm	
10	Specific Grvity, 20 degree C	<1.116	
11	pH at 20 degree C	1.03~1.113	
12	Refractive Index 20 degree C	8.5~ 10.5	
13	Foaming Properties at 25 degree C	1.430~1.385	
14	Foaming Properties at 88 degree C	50ml	
15	Freezing Protection	50ml	
16	Boiling Point	>-37 C	
17	Effect on Metal	>127C	
18	Reserve Alkalinity	Nil	
20	Antibacterial Agent	5.5~6.0	
21	Synthetic Polymer or any other agents for prevention of hard scale build-up (Preferred)		
22	Suitable for use with rubber parts		
23	Material Data Sheets (MSDS)		
24	Fully compliant with ASTM D 5345 standard		
25	OEM Should have at least 07 years (2011 ~ 2017) production experience of same product		
26	The list of companies & engines where the quoted brand is being in use or used		
27	Specific Technical literature of Quoted Coolant		
28	Authorization Letter from OEM		
29	Valid ISO Certification		
30	Previous Supply in Oil and Gas Companies in Pakistan in Last 07 years (Purchase Order)		
31	Performance Certificates From the Purchasers Where the Product Supplied in Last five 05 Years		
32	Services able Life of Coolant		
33	Packaing should be in Drum		

Note: Failure of Compliance to Any of Above Mentioned Clause of TOR will Lead The Bid Liable to Rejection