



OIL & GAS DEVELOPMENT COMPANY LIMITED

Request For Quotation (Imports)

OGDCL House , Jinnah Avenue, Islamabad, Pakistan

Phone :

Description: Moderate Temperature Range retarder
Tender Enquiry No: OGDCL-SCM-FA/CB/WS-6200000004/2022
Delivery Period: 120 days after LC establishment
Mode of Shipment: C & F by sea
Mode of Procurement: Competitive Bidding
Evaluation Criteria: Full consignment wise
Bid Bond Value: US \$ 1,060/- or equivalent PKR
Bid Validity: 180 days
Bidding Procedure: Single Stage two envelope
Purchase Req: 20000075
Attachments: Annexure I, II, III
Other Terms & Conditions:

ANNEXURE 'A':

SR NO	Material No	Material Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price (CFR)	Total Price (CFR)	Deviation from Tender Spec. If Any
1.	28-00241	RETARDER MODERATE TEMPERATURE	KG	8,000					

OIL & GAS DEVELOPMENT COMPANY LIMITED
DRILLING SERVICES DEPARTMENT
ISLAMABAD

ANNEXURE-I

Retarder is a chemical agent that inhibit hydration and used to increase the thickening time of cement slurries to enable proper placement. The need for cement retardation increases with depth due to greater time required to complete the cementing operation and the effect of increased temperature on the cement setting process.

The item mentioned in the attached indent is Moderate Temperature Range Retarder for Cement (Temperature Range BHCT 40-90^o C) which is used to design and prepare slurries of different types with various specific gravities. The technical specifications of the quoted item have been elaborated in the indent; however, the detail of packaging is given below.

A. PACKING/PACKAGING:

- Must be packed in **50 or 55 lbs.** Net export quality bags.
- The bags must have 04 Kraft paper layers plus 02 heavy inner asphalt laminated layers for water proofing.
- The consignment must be palletized, shrink wrapped and strapped in the maximum capacity of 1.0 M.TON material per pallet.

B. MARKING

Each "Sack/Bag" should have clear legible marking as given below;

- Name of the Product.
- Name of the Manufacturer.
- Date/month/ year of manufacture.
- Lot No./ Batch No. _____
- Shelf Life.



C. NECESSAERY DATA

Sr. No.		DESCRIPTION	
1.	A	Name of Bidder	
	B	Name of authorized signatory of bidder	
2.		Complete address, telephone, e-mail and fax number of bidder	
3.	A	Name of Manufacturer	
	B	Complete address, telephone, e-mail and fax number of manufacturer	
4.		Minimum shelf life Certificate from Manufacturer	
5.		Country of origin	
6.		Port of Shipment	
7.		Physical Appearance (Material should be free flowing powder free from dirt and visible impurities)	
8.		Clean Acceptance(Signed/Stamped) ANNEXURE I,II & III of TOR's by Bidder	
9.		Material Safety Data Sheet	
10.		Material Specification Sheet	



ANNEXURE-II

TEST FOR QUALITY EVALUATION OF MODERATE TEMPERATURE RANGE RETARDER

- A. A chemical additive used to increase thickening time of cement slurries that may have a limited pumping time.
- B. Cement slurry setting time can be adjusted with retarders. Cement retarders control the time when a slurry will set hard, keeping the slurry viscous and pumpable in expected wellbore temperatures and for the amount of time required to place the slurry. Retarders decrease the rate of cement hydration.

EVALUATION CRITERIA

1. Technical Evaluation based on Dosage:

Technical evaluation will be based upon allowable dosage limit as described below

S.No	Description	Maximum Allowable Dosage (%BWOC)	
		48 ⁰ C	84 ⁰ C
1	Moderate Temperature Range Retarder	0.25%	0.7%

Note:

- For the preparation of slurries mentioned in below "Table C" if any of the additive taking dosage more than maximum allowable dosage then it will be considered as Technically Non-Responsive.

2. Financial Evaluation Format based on Dosage & Quoted Rate:

Financial Bids of only technically responsive bidders will be opened and the financial evaluation will be based on the dosage used in Lab Tests mentioned in below "Table C" & quoted rate, according to below formula.

Bidder Name	Dosage of Retarder based on OGDCL lab results (%BWOC) for Cement Slurry of SG=1.90	Lbs per bbl of slurry	Quoted Rate per Lbs of Retarder	Cost per Lbs of Retarder based on dosage
1	A	D	G	$J = D \times G$
2	B	E	H	$K = E \times H$
3	C	F	I	$L = F \times I$

Note:

- Technically responsive and financially lowest bidder will be awarded Purchase Order.



C. Testing:

For the evaluation of quoted material, following tests will be done.

"Table C"

S.NO.	COMPOSITION		RESULTS
01.	i. Cement Class "G" ii. Water iii. Fluid Loss Additive iv. Dispersant (TIC) v. Retarder vi. Defoamer	: 100 Parts : 44 % age BWOC : % age BWOC : % age BWOC : % age BWOC : % age BWOC	<ul style="list-style-type: none"> ➤ Solubility: Should be freely soluble in fresh water. ➤ Consistency: Consistency of cement slurry should remain below 20 Bc for period equal to at least 75% of thickening time in HTHP Consistometer. ➤ SG: 1.90 (15.8 PPG) ➤ Settling at Room Temp: Should not cause settling of cement particles ➤ Settling & Gelation at BHCT 48°C: Should not cause settling or gelation of cement particles in slurry ➤ Thickening Time at BHCT 48° C & Pressure 2500 Psi: 05-06 Hrs.
02.	i. Cement Class "G" ii. Water iii. Fluid Loss Additive iv. Dispersant (TIC) v. Retarder vi. Defoamer	: 100 Parts : 44 % age BWOC : % age BWOC : % age BWOC : % age BWOC : % age BWOC	<ul style="list-style-type: none"> ➤ Solubility: Should be freely soluble in fresh water. ➤ Consistency: Consistency of cement slurry should remain below 20 Bc for period equal to at least 75% of thickening time in HTHP Consistometer. ➤ SG: 1.90 (15.8 PPG) ➤ Settling at Room Temp: Should not cause settling of cement particles ➤ Settling & Gelation at BHCT 84°C: Should not cause settling or gelation of cement particles in slurry ➤ Thickening Time at BHCT 84° C & Pressure 8000 Psi: 05-06 Hrs.

Note: Slurry will be designed/tested with OGDCL's available additives.

03. Hygroscopic Test:

Indented material should not become damp and cakey or form lumps when exposed to air. This property will be verified by keeping material in open environment at room temperature for 24 Hrs



ANNEXURE-III

INSTRUCTIONS TO THE BIDDERS/ TERMS & CONDITIONS:

1. All submitted bids will be evaluated strictly as per **TORs** of tender inquiry.
2. The quantity of indented material is tentative & can be **increased/ decreased** at the time of finalization of case according to the requirement.
3. **Delivery period** for the quoted material is 120 Days after LC establishment; OGDCL can amend delivery schedule as per operational requirements.
4. Period of Bid Validity must be **180 days** from opening of technical proposals.
5. **Minimum Shelf life** of the quoted material should not be less than **02 years** after delivery. The OEM/Bidder should provide certificate in this regard on their letter head and attach with Technical Bid.
6. Temperature Range for Moderate Temp. Retarder is **40- 90⁰ C (± 05⁰C)**.
7. Quoted material should be **Non-Hygroscopic** in nature.
8. Quoted material should be **Compatible** with OGDCL Chemicals.
9. The bidder must have to provide the **1/2 Kg** sealed sample of quoted material along with Technical Bid at the time of bid submission or within 15 days after bid submission. Valid receipt/tracking details supplied through national/international courier services has to be accompanied with the bid.
10. All samples would be in sole custody of OGDCL and lab analysis of these samples would be carried out at OGDCL own lab with OGDCL Lab Chemicals.
11. Acceptance of OGDCL lab results will be binding over the bidders and bidder cannot challenge the results of its competitor bidder's samples.
12. Material will be accepted after the physical inspection & OGDCL's lab evaluation report of the random sample drawn by the inspection committee from the material delivered at required location.
13. On receipt of the material, if it is found substandard after testing/use, then the supplier shall have to lift the entire rejected consignment and replace the substandard material with the material conforming to the tender specifications at his own cost within one month.
14. If any of the information provided by the bidder proves wrong or any counterfeited/unlawful document is submitted to mislead department, OGDCL reserves the right to disqualify such bid without further assigning any reason.