

**Oil & Gas Development Company Limited
SCM Department (Foreign Section-A)**

(To be completed, filled in, signed
and stamped by the principal)

Tender Enquiry NO.PROC-FA/CB/WS/CMT-4789/2020

Material: Cement Class "G"

Due on:

Evaluation Criteria: Full Consignment

Annexure-A

Schedule of Requirement

S.No	DESCRIPTION.	Qty/Unit	Unit Price (FOB)	Unit Price C&F(By Sea)	Total Price C&F BY SEA	Deviation from tender Spec. if any
1)	CEMENT CLASS 'G', OIL WELL, HSR, CONFORMING TO API RP 10A, EASY TO DISPERSE FOR FRESH WATER CEMENT SLURRY (ETD), EASY TO DISPERSE FOR SALT SLURRY (ETDS).	6000 M/ton				

Note: Bid Bond Guarantee: Bid(s) must be accompanied by an upfront bid bond in the form of pay order/ demand draft or bank guarantee issued by scheduled bank of Pakistan or a branch of foreign bank operating in Pakistan for an amount of US \$ 15,000/= (United States Dollar Fifteen thousand Only) or equivalent Pak Rupees, with technical bid and valid for 150 days from the date of opening of the bids.

**TECHNICAL SPECIFICATION SHEET OF CEMENT CLASS 'G' HIGH SULPHATE
RESISTANT (HSR) ,ETD (EASY TO DISPERSE)**

1. Cement class 'G' should be tested as per specification of API RP-10A.

S.NO.	PHYSICAL PROPERTIES	UNIT	API SPEC. 10A
1.1	Mix water, % by weight of cement.	% age	44
1.2	Free fluid content	% age	5.90 max.
1.3	Pressure temperature thickening time test, schedule-5		
	a) Maximum Consistency 15-30 minutes stirring time.	B.C.(Bearden unit of Consistency)	30 max.
	b) Thickening time at 100 B.C.	minutes	90-120
1.4	Compressive strength (Eight hours curing at atmospheric pressure)		
	a) 38 ^o C curing temperature	psi	300 min.
	b) 60 ^o C curing temperature	psi	1500 min.
1.5	Slurry density	ppg	15.8 approx.

2. Following test shall also be conducted at BHCT 118^oC and 17300 psi pressure (table-5 of API specification 10-B of 22nd edition) using silica flour and other additives of standard multinational cementing companies i.e. M/S. Dowell Schlumberger, Halliburton or Sprint to observe the formulation of slurry and easy to disperse (ETD).

composition	unit	Thickening time at 118 ^o C & 17,300 psi.
Cement class "G" + 35% silica flour and cement additives of M/s Dowell Schlumberger or Halliburton and Sprint + 55% Distilled water (Slurry Density. 15.8)	minutes	300-450

3. Repeatable thickening time should be established/achieved at high temperature.
4. Cement must have better workability, low heat of hydration and long term stability of oil wells.
5. Cement must not be premature gelled up at low and high temperature with conventional, specialized and reduced water slurries formulation.

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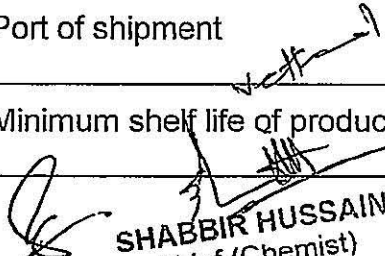
ANNEXURE-B

**TECHNICAL SPECIFICATIONS SHEET OF CEMENT CLASS "G",HIGH
SULFATE RESISTANT (HSR) & EASY TO DISPERSE (ETD)**

Oil well cement class "G" is designed for cementing offshore and onshore wells in the form of cement slurry under extreme conditions of high pressure and temperature environment. It is intended for use in the oil and gas industry that make wells functions properly. Cement class "G" plays a significant role in improving productivity, efficiency of the drilling operations and enhancement of well life. The various reasons for using cement are zonal isolation, structural support to the well and hydraulic seal between the casing and the wellbore.

A) NECESSARY REQUIREMENTS

SR. #	DESCRIPTION	
01.	Name of Bidder	
02.	Complete address, telephone and fax numbers of bidder	
03.	Name of local agent with name of authorized signatory	
04.	Complete address, telephone and fax numbers of local agent	
05.	Name of Manufacturer	
06.	Name of Authorized Signatory of Manufacturer	
07.	Complete address, telephone, e-mail and fax number of manufacturer.	
08.	Website of manufacturer	
09.	Brand Name of Product	
10.	Country of origin	
11.	Port of shipment	
12.	Minimum shelf life of product	


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B) Names of at least 05 clients / sales achievement (E & P /services companies only) other than OGDCL whom supplied the quoted product in bulk quantity with contract numbers and quantities during the last five(05) years commencing from year 2015 as a proof of cement class "G" supply.

SR. NO.	NAMES OF CLIENTS WITH ADDRESS AND TELEPHONE NOS.	CONTRACT / PURCHASE ORDER NOS. WITH DATE	QUANTITY SUPPLIED (M. TON)
01			
02			
03			
04			
05			

C) NECESSARY ATTACHMENTS

SR NO	DESCRIPTION	ATTACHED/ OR NOT
01.	Product Data Memorandums and Material Safety Data Sheets in original printed by manufacturer.	Attached/ Not attached
02.	Certificate on letter head from OEM/Bidder which shows shelf life of product will not be less than eighteen (18) months.	Attached/ Not attached
03.	Valid API certificate for manufacturing / Production of Cement class "G".	Attached/ Not attached
04.	Original authority letter issued by the manufacturer to bidder for quoting their product.	Attached / Not attached
05.	Company profile with manufacturing capability & Experience with financial statement.	Attached/ Not attached
06.	Laboratory report of the quoted product from an internationally reputed/ recognized third party laboratory as per ANNEXURE-A.	Attached / Not attached.
07.	10 Kg sealed sample of offered product.	Provided/ Not provided



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D) PACKAGING:

The Cement class "G" should be packed in 1.5 M/Ton standard export quality Jumbo bags having thick inner polythene liner for rendering the material completely moisture proof. The loops for lifting bags must be from top to bottom and capable to lift 1.5 M/Ton material. The packaging of required cement class "G" should be of international standards and capable to safe transportation during ocean / road journey from port of shipment to OGDCL established warehouse or well site and to withstand prolonged weather conditions at the storage points and at the well sites / locations.

One hundred (100) no. empty jumbo bags must be provided with each consignment.

E) MARKING:


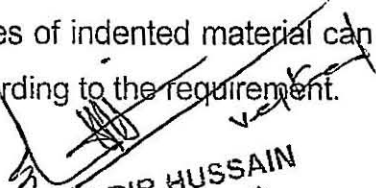
Each bag should have clearly legible marking, as given below;

- (a) Name of the product.
- (b) Name of the Manufacturer.
- (c) Date/month/ year of manufacture.
- (d) Supply order number against which supplies are made.
- (e) Lot No._____/ Batch No._____
- (f) Shelf life


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G) INSTRUCTIONS TO THE BIDDERS/ TERMS & CONDITIONS:

1. The manufacturer of the quoted product must have minimum **07** years experience of manufacturing & supplying of indented cement class "G" to E & P/Service companies along with consecutive 07 year **API** certification as a proof for manufacturing/ production of the quoted product, the certificate will be verified from issuing authority.
2. The bidder will submit copy of quality manual which guaranties the consistent quality of manufacturing oil well cement according to API specifications 10-A.
3. All the bidders must have to submit the laboratory report of cement class "G" from any internationally reputed /recognized 3rd party/firm.
4. Minimum shelf life of the quoted product should not be less than **18 months**. The OEM/ Bidder should provide certificate in this regard on their letter head and attach with technical bid.
5. To submit production capacity of cement plant in Metric Tons per month with technical bid.
6. **Delivery period of the quoted product shall not be more than 06 months. The material must be delivered in two equal consignments .First partial shipment within 02 months and 2nd (final) shipment should be delivered within 06 months of LC establishment. Moreover OGDCL can amend delivery schedule of consignments as for an operational requirements.**
7. The payment will be made consignment wise (against two partial shipments with same rates, terms and conditions).
8. All submitted bids will be evaluated strictly as per TOR of tender inquiry as well as on the basis of previous performance (supply record as per shipment)of bidder, manufacturer and local agent, failing which will lead to disqualification of Bid thereof.
9. An authority letter in original issued by the manufacturer for allowing the bidder to quote their product for this particular tender enquiry, duly signed/stamped, must be attached with the technical bid.
10. **It is mandatory for all bidders to provide/ submit 10 Kg sealed sample of the quoted product along with technical bids at the time of bid submission. No sample will be accepted after technical Bid opening. The valid receipt/tracking details supplied through national / international courier services has to be accompanied with the bid.**
11. The quantities of indented material can be increased or decreased at the time of finalization of case according to the requirement.



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12. Prior to shipment of material, supplier will be responsible to facilitate third party inspection (TPI) agency for carry out the inspection as per (ANNEXURE-C) & conduct Lab test of the cement class 'G' as per (ANNEXURE-A) for confirmation of material as per tender specifications. (The cost of 3rd party inspection, laboratory test will borne by OGDCL). In case TPI is unable to perform lab tests at manufacturer facility then random sample will be collected by 3rd party and dispatch the sample to OGDCL cement lab for confirming the tests prior to shipment of material.
13. Shipment is required to be made in containers for minimizing damages to the costly material. One hundred (100) nos. empty jumbo bags must be provided with every consignment to re-bag in case of damage during shipment/transportation.
14. If any of the information provided by the bidders proves wrong or any counterfeited/unlawful document is submitted to mislead department, OGDCL reserves the right to disqualify such bids without further assigning any reason.



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