

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

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

Annexure-A

Material: Cement Class "G"
Tender Enquiry NO.PROC-FA/CB/WS/CMT-3310/2018
Due on:
Evaluation Criteria: Full Consignment

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				

1. Bid bond:-Pursuant to tender clause # 2.2, 11.4, 13 & 35.3.2, 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/- (US\$ Fifteen thousand only) or equivalent Pak Rupees, with technical bid and valid for 150 days from the date of opening of the bids. The bank guarantee must be issued in accordance with the format as per Annexure-C of the tender documents.

2. Shipment from ACU member Countries: In case of shipment from ACU member countries, the LC beneficiary should be of that particular country from where the consignment is being shipped.

3. Terms and conditions:-Bidders are advice to carefully read all the terms and conditions of the Tender Document available at OGDCL web site in the master tender document.

4. Summary rejection criteria: - The summary rejection criteria at clause 35 of the tender document may also be examined carefully. Any bid not meeting the criteria spelled in the clause # 35 shall be summarily rejected without any right of appeal. The detailed tender document is available on OGDCL website as "Master set of tender document-Foreign".

5. **Payment Terms:** Clause No: 4 of Section-III (Part-B) i.e. Conditions of Contract "Special" of Tender Document has been amended and following will be the payments methods.

- i. **Tender value less than or equal to US\$ 200,000:**-Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 70 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 30% Payment will be released after receipt, inspection and acceptance of material.
- ii. **Tender value more than US\$ 200,000:** Payment to the Contractor/ bidder in foreign currency shall be made by establishing in favor of the Contractor an irrevocable Letter of Credit (hereinafter called the L/C). 80 % Payment (s) under the L/C will be made for the FOB/ CFR / CPT (as the case may be) price of material of each shipment upon submission of the shipping documents. Balance 20% Payment will be released after receipt, inspection (in addition of pre-shipment inspection) and acceptance of material.



**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 ⁰ C curing temperature	psi	300 min.
	b) 60 ⁰ C curing temperature	psi	1500 min.
1.5	Slurry density	ppg	15.8 approx.

2. Following test shall also be conducted at BHCT 118⁰C 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 ⁰ 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.

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

Oilwell 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	
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	

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 2013 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 two (02) years.	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 sample of offered product	Provided / Not provided

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.

Fifty (50) no. empty jumbo bags must be 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



ANNEXURE-D

G) INSTRUCTIONS TO THE BIDDERS/ TERMS & CONDITIONS:

1. The manufacturer of the quoted product must have minimum **10** years experience of manufacturing & supplying of indented cement class "G" to E & P/Service companies specifically, duly supported by valid **API** certificate 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 **02** years. 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 should not be more than 15 months. The material must be delivered in three equal consignments . First partial shipment within 03 months, 2nd and 3rd will be delivered before 9th and 15th months respectively 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 three 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. All the bidders must have to provide/ submit **10 Kg sample** of the quoted product along with technical bids at the time of bid submission. The valid receipt/tracking details supplied through national / international courier services has to be accompanied with the bid. No



sample will be accepted after 10 working days of technical Bid opening. If bidder fails to provide cement sample within stipulated time, then bid will be rejected.

11. The quantities of indented material can be increased or decreased at the time of finalization of case according to the requirement.
12. Prior to shipment of material, supplier will be responsible to facilitate for carrying out the inspection (ANNEXURE-C) & Lab. test of the cement class 'G' with additives from the OGDCL approved inspecting agency/laboratory (ANNEXURE-A) in the presence of OGDCL officials committee (02 officials) for confirmation of material as per tender specifications. (The cost of 3rd party inspection, laboratory test and visit of officials 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 in the presence of OGDCL officials 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. Fifty (50) nos. empty jumbo bags must be 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.

