

**PRE-QUALIFICATION OF BIDDERS/MANUFACTURERS FOR THE SUPPLY OF
PRODUCTION TUBING AND ACCESSORIES.
PROC-FC/CB/PQ/PROD/TUBING-4177/2018**

OGDCL aims to prequalify the internationally reputable Manufacturers of Seam Less Production Tubing, Pup Joints, X-Overs, Blast Joints and accessories, etc. for a period of three years.

1. Following terms & conditions will also apply in addition to terms & conditions mentioned in Master Set of Tender Documents available on OGDCL's website:-

General Terms and Conditions for Pre-Qualification (Category 1 & 2)

Sr #	Bidder/Manufacturer must fulfill all the below mentioned Terms and Conditions in order to be considered for detailed Evaluation.	Bidder to Confirm.
1.	Bidders / Manufacturer (<i>Pipe Manufacturer & Threader</i>) will be prequalified technically for a period of three (03) years as per prequalification criteria mentioned under this section and the "Technical Evaluation Criteria" for each category. After the finalization of the prequalification process future procurement of the subject material will only be done from the prequalified bidders/ manufacturers (<i>Pipe manufacturer & threader</i>) for a period of three years under LCB mode. It will be at the OGDCL discretion to call combined technical/financial bids under single envelope system or separate technical and financial bids under two envelope system.	
2.	A bidder can quote more than one pipe manufacturer & threader, in that case the supply record of each pipe manufacturer& threader must be provided separately and all the supply records must individually full fill all the requirements laid down in this document.	
3.	In case the pipe manufacturer and the threader are same then the supply record from the pipe manufacturer for only the quoted thread will be required and considered for technical evaluation as per the mentioned criteria.	
4.	In case the bidder and manufacturer are different then the bidder has also to provide its own supply record of OCTG material in order to ascertain its experience in this filed. Moreover, the bidder must provide its audited annual financial reports for the last 03 years in order to ascertain its financial standing, in case these reports are not in English then Notarized translations of the same must also be provided.	
5.	OGDCL will issue tender enquiries on as and when required basis during the validity of the prequalification i.e. three years. The orders will be placed on the financially lowest bidder/manufacturer and payment of material will be made through Letter of Credit.	
6.	OGDCL reserves the right to cancel/annul this prequalification at any time during the 03 years prequalification period.	
7.	The evaluation criteria will be on each category wise individually. All the pipe manufacturers, threaders and bidders will be evaluated separately against each category and declared technically qualified or disqualified for each category	

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	independently (Category 1 & 2). The prequalification may be either for the complete category or a specific material grade/size.	
8.	The bidders/manufacturer (<i>Pipe Manufacturer & Threader</i>) will be required to confirm that they have the capability to manufacture and supply the mentioned Items and accessories on as and when required basis for all the future tender enquiries launched under the umbrella of this prequalification exercise. However quantities, sizes, tubing grades, types, weights, yield Strength, tensile Strength, collapse pressure, and burst Pressure will be specified at the time of tender based on actual requirements.	
9.	During the Course of the prequalification time frame if required OGDCL will still have the right to procure the OCTG tubular and accessories through press tender or any other mode of procurement.	
10.	Submission of incomplete information in the prequalification documents may lead to disqualification of bidder/manufacturer.	
11.	Bidder to submit its prequalification documents in both hard and soft form (in USB).	
12.	Bidder, pipe manufacturer & threader who failed to deliver the material to OGDCL in past or having unsatisfactory performance of material delivered to OGDCL in past will be disqualified.	
13.	Scope of work for third party pre-shipment inspection will be provided on case to case basis in every tender inquiry.	
14.	Prequalification of those bidders will be cancelled who failed to respond to OGDCL's tender Enquiries for three times.	
15.	Bidder will submit separate bid bond on case to case basis in every tender inquiry.	
16.	Clean acceptance of terms & conditions of tender document, schedule of requirement is required from bidder/manufacturer.	
17.	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.	
18.	The bidder will have to provide separate bid bond (earnest money), performance bond etc. against bid submitted in every tender inquiry and same will be confiscated if they:	
	i. - Withdraw their bid during bid validity. Or	
	ii. - Fails to provide performance and/or advance bank guarantees. Or	
	iii. - Submit forged/fake document or inaccurate information in support of their bid. Or	
	iv. - Fails to execute contract as per terms of contract. Or	
	v. - Supply the short/wrong shipped items. Or	
	vi. - Any other reason warranting the confiscation of the guarantee.	

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19.	OGDCL, at any stage of the procurement proceedings, having credible reasons for or prima facie evidence of any defect in any of the already prequalified firm's capacities, then the firm may be asked to provide information concerning its professional, technical, financial, legal or managerial competence. OGDCL, shall disqualify an already prequalified firm if it finds, at any time, that the information submitted by those concerning qualification as supplier or contractor were false and materially inaccurate or incomplete.	
20.	All the documents should be submitted in original, properly numbered, duly signed and stamped. Any document not signed and stamped will not be considered for evaluation purpose.	
21.	Usually the desired delivery period will be 06 months (or less as specified for a specific Tender) C&F Karachi from the date of L/c establishment. Bidders needs to confirm that they can deliver the tendered items within 06 months on as and when required basis.	
22.	Foreign procurement payment terms (competitive Bidding, pre-qualification and proprietary mode of procurement): Clause No: 4 of Section-III (Part-B) i.e. Conditions of contract "Special" of tender document has been amended as follows: Following payments methods have been approved for competitive bidding/press tender, prequalification and proprietary mode of procurement effective from February 27, 2018.	
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.	

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Category # 01

**2. Integral Joints Seamless Steel Production Tubing Grades N-80, L-80, C-90, T-95,
P110, Q-125 along with accessories**

Sheet # 1:

**Seamless Steel Production Tubing with Hydril CS or Equivalent Premium Threads
connections along with accessories.**

Sr #.	Description	Bidder to Confirm the Manufacturing Capability of their Manufacturing/Threading Plants
1.	2-7/8", seamless steel production tubing, with Hydril "CS" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'CS' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
2.	3-1/2", seamless steel production tubing, with Hydril "CS" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'CS' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
3.	4", seamless steel production tubing, with Hydril "CS" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'CS' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
4.	4-1/2", seamless steel production tubing, with Hydril "CS" or equivalent premium thread connections (100%	

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	interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'CS' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
5.	Pup joints of different lengths for the above mentioned sizes and threads/equivalent threads (Box) x (Pin)	
6.	Blast joints of different lengths for the above mentioned sizes and threads/equivalent threads (Box) x (Pin)	
7.	X-overs of different sizes /grades and threads as mentioned in the schedule of requirement for each specific tender.	
8.	OCTG tubular grades, weights, yield Strength, tensile strength, collapse pressure, burst Pressure etc will be specified in the Schedule of requirement for each specific tender.	
9.	OCTG tubular dope on as and when required basis.	

Sheet # 2:

Seamless Steel Production Tubing with Hydril PH-6 or Equivalent Premium Threads connections along with accessories.

Sr #.	Description	Bidder to Confirm the Manufacturing Capability of their Manufacturing/Threading Plants
1.	2-7/8", seamless steel production tubing, with Hydril "PH-6" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'PH-6' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
2.	3-1/2", seamless steel production tubing, with Hydril "PH-6" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin).	

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	If any of the interchangeable threads to Hydril 'PH-6' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
3.	4", seamless steel production tubing, with Hydril "PH-6" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'PH-6' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
4.	4-1/2", seamless steel production tubing, with Hydril "PH-6" or equivalent premium thread connections (100% interchangeable without the use of any X-over). (Box) x (Pin). If any of the interchangeable threads to Hydril 'PH-6' is offered then the bidder is required to clearly name that thread and provide its complete specifications and data sheets.	
5.	Pup joints of different lengths for the above mentioned sizes and threads/equivalent threads (Box) x (Pin)	
6.	Blast joints of different lengths for the above mentioned sizes and threads/equivalent threads (Box) x (Pin)	
7.	X-overs of different sizes /grades and threads as mentioned in the schedule of requirement for each specific tender.	
8.	OCTG tubular grades, weights, yield Strength, tensile strength, collapse pressure, burst Pressure etc will be specified in the Schedule of requirement for each specific tender.	
9.	OCTG tubular dope on as and when required basis.	

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3. Technical Terms and Conditions for Category # 01

<p>Every bidder must comply the following conditions in order to be Pre-qualified in category-1. All the required supporting documents must be attached where applicable. Bidders failing to any requirement below mentioned would be considered disqualified for category # 01.</p>	<p>Bidder to comply /confirm the following in the table and provide necessary documents accordingly.</p>
<p>1. In case the bidder and the pipe manufacturer are different, then the bidder must provide an original authority letter/OEM certificate from the pipe manufacturer with the prequalification documents. In case bidder is offering pipes from multiple pipe manufacturers then original authority letter/OEM certificate from each pipe manufacturer has to be provided. The letter must be on company letter head, showing the name, designation and contact details (official e-mail) of the signing authority.</p>	
<p>2. The pipe manufacturer(s) must be possessing API 5CT and API Q1/ISO 9001 certificates for at least 10 years & their certificates should be valid on the date of the tender opening and should remain valid throughout the prequalification term. In case if any pipe manufacturing company has multiple pipe manufacturing plants under its umbrella then at least one of its major pipe mill must fulfill the above criteria.</p>	
<p>3. In case the manufacturer and threader are different, then the bidder must also provide an original authority letter/OEM certificate from the threader with the prequalification documents. The letter must be on company letter head, showing the name, designation and contact details (Official e-mail) of the signing authority.</p>	
<p>4. Bidder is required to confirm production capacity of its quoted manufacturing plant(s), which must not be less than 5000 Metric tons of tubing per year. Bidder will provide the certificate in this regard</p>	
<p>5. In case the threader(s) is(are) different from the tubing manufacturer then the threader(s) must have a minimum of 5 year experience in cutting the quoted</p>	

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	threads from the date of tender opening Copies of the relevant licenses must be provided with the pre-qualification documents, these licenses must remain valid throughout the present prequalification term.	
6.	<u>Supply record and performance certifications of the quoted Hydril CS, Hydril PH-6 or equivalent premium threads tubing.</u> Bidder is required to provide the necessary Data where applicable as point 6.i to 6.v	
6.i.	The bidder must provide the supply record(s) of the pipe manufacturer(s) for seamless steel production tubing of different sizes e.g. 2-7/8", 3-1/2", 4" and 4-1/2", and Grades e.g. N-80/L-80/C-90/T-95/ P110/Q-125 having Hydril 'CS', Hydril 'PH-6' or equivalent premium threads tubing to the multinational E&P companies and other renowned E & P companies (not belonging to the manufacturer's country) in excess of 1,000,000 meters during the last 10 years, the supply record must confirm this fact. The supply record must be independently verifiable i.e. the latest contact details (name, designation, official e-mail etc) of the relevant persons in all the major customer organizations must be mentioned.	
6.ii.	In case the bidder is not the pipe manufacturer, then the bidder must provide its own supply record from the quoted manufacturer(s). The supply record must fulfill all the requirements laid down in 6.i.	
6.iii.	Bidder must also provide the supply record of the threader(s), in case it is (are) different from the tubing manufacturer(s). The threader must have cut and supplied at least 250,000 end Joints Hydril 'CS', Hydril 'PH-6' or equivalent premium threads tubing to different multinational E&P companies or other renowned E & P companies (not belonging to the manufacturer's country). The supply record must fulfill all the requirements laid down in 6.i.	
6.iv.	Supply record comprising the Tubing sold to supply houses will not be considered.	
6.v.	If the bidder has not already supplied tubing with Hydril "CS" and Hydril "PH-6" or equivalent premium threads to OGDCL then certificates of satisfactory performance in favor of bidder/pipe manufacturer(s)/threader(s)	

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	<p>issued by authorized officials of at least 03 different multinational E&P companies or other renowned E & P companies (not belonging to the manufacturer's country) regarding the quoted threads must be provided with the prequalification documents.</p> <p>It is suggested that the certificates should preferably of a pattern providing the following information:</p> <ul style="list-style-type: none"> i. Delivery period compliance ii. Performance of the supplied pipe body iii. Performance of the supplied threads of tubing <p>The certificates must on the company letterhead and should indicate the name & Designation of the signing authority along with his complete contact details including his official email address in order to verify the same. <u>Certificates issued by supply houses etc. will not be considered.</u></p>	
6.vi.	<p>In case of noncompliance of point 6.i to 6.v and no response from the end user email addresses provided. The bidder and manufacturer will not be technically qualified for Category # 01.</p>	
6.vii	<p>If the bidder has already supplied tubing to OGDCL, from the quoted tubing manufacturer(s) and threader(s), of any size with the Hydril "CS", Hydril "PH-6" or equivalent threads tubing then supply record and performance certificates are not required for category # 01.</p>	
7.	<p>If the bidder has not already supplied tubing, from the quoted tubing manufacturer(s) and threader(s), of any size with the Hydril "CS", Hydril "PH-6" or equivalent threads tubing to OGDCL then it is required to submit original print of the annual audited accounts reports separately for himself, the pipe manufacturer(s) and threader(s) for last 03 consecutive years in order to ascertain their financial standing i.e. liquidity position, revenues, profitability etc. In case these reports are not in English then Notarized translations of the same must also be provided.</p>	
8.	<p>Hydril "CS" threads or equivalent and 100% interchangeable connections will also be acceptable e.g. Grant Prideco's "RTS-8" , TPS Technitube "TS-8" ,Hunting's TS -HP", ,Benoit's "BTS-8"</p>	
9.	<p>Hydril "PH-6" threads or equivalent and 100% interchangeable connections will also be acceptable e.g.</p>	

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	Grant Prideco's "RTS-6" , TPS Technitube "TS-6" ,Hunting's "TS-HD", Benoit's "BTS-6"	
10.	<p>Bidder is required to confirm the capability of the manufacturer(s) and threader(s) capability to manufacture the tubing in line with API 5CT with the following specifications where applicable</p> <ol style="list-style-type: none"> 1. API Group: 1,2,3 & 4 2. API Grades: N-80, L-801, C-90, T-95, P110, Q-125 3. PSL: 1, 2 & 3 4. Range: 1, 2 and 3 <p>The prequalification may be either for the complete category or a specific material grade/size.</p>	
11.	Bidder must provide the detailed technical literature/documents for the manufacturing/threading company.	
12.	Bidder is required to submit the technical data sheets of the quoted tubing confirming the material, size, threads name, OD, ID, drift ID, range, yield Strength, tensile strength, burst & collapse pressure ratings etc.	
13.	Running / Pulling, handling procedures & required torque values for the quoted tubing is to be submitted along with the pre-qualification documents.	
14.	The bidder to confirm tubing tally specifying the length of individual joint is to be provided along with the shipping documents for each specific tender.	
15.	The bidder to confirm clearly in the prequalification documents that the material test certificates will be provided with the shipping documents for each specific tender.	
16.	<p>Usually the desired delivery period will be 06 months (or less as specified) C&F Karachi from the day of L/c establishment. Bidders needs to confirm that they can deliver the tendered items within 06 months on as and when required basis. However in some scenarios urgent deliveries may also be specified accordingly. Bidder is required to confirm.</p> <p>In case bidder and manufacturer do not comply the mentioned delivery period will not qualified for category # 01.</p>	
17	The thread connections for category # 01 (sheet # 01) are Hydril's "CS" or equivalent Threads (100% Interchangeable without the use of any X-Over).	

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	<p>In case of requirement of Hydril's "CS" or Equivalent Threads(100% Interchangeable threads like Grant Prideco's "RTS-8", TPS Technitube "TS-8", Hunting's "TS-HP", Benoit "BTS-8" or equivalent threads are acceptable.</p> <p>Above mentioned threads have been used by OGDCL in the past and are already prequalified as 100 % interchangeable without the use of any X-overs with Hydril's "CS".</p> <p>However If the bidder is offering any other 100% interchangeable thread other than the mentioned above, then he must submit test report through a reputed third party to confirm that the quoted threads are 100% interchangeable with Hydril "CS" without the use of any X-over. as per attached procedure "Annexure A".</p> <p>Prior approval of OGDCL will be required to select the TPI firm which will carry out the equivalency tests</p>	
18.	<p>The Thread Connections for Category # 01 (sheet # 02) are Hydril's "PH-6" or equivalent Threads (100% Interchangeable without the use of any X-Over).</p> <p>In case of Hydril's "PH-6" threads e.g. Grant Prideco's "RTS-6", TPS Technitube "TS-6", Hunting's "TS-HD", Benoit's "BTS-6" or equivalent threads are acceptable.</p> <p>Above mentioned threads have been used by OGDCL in the past and are already prequalified as 100 % interchangeable without the use of any X-overs with Hydril PH-6.</p> <p>However If the bidder is offering any other 100% interchangeable thread other than the mentioned above, then he must submit test report through a reputed third party to confirm that the quoted threads are 100% interchangeable with Hydril "PH-6" without the use of any X-over as per attached procedure "Annexure B".</p> <p>Prior approval of OGDCL will be required to select the TPI firm which will carry out the equivalency tests as per attached procedure.</p>	
19.	<p>In all tenders OGDCL will arrange third party inspection (TPI) the scope of inspection will be decided on case to case basis, the bidder to confirm that all necessary assistance will be provided to the TPI company.</p>	

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20	<u>General Specifications of the Production Tubing.</u> <u>Bidder is required to confirm</u>	
20.i	Tubing, pup joints & X-overs should be of seamless steel.	
20.ii	The upset ends of the tubing & pup joints should be of sufficient length to allow at least 01 (one) thread Re cuts.	
20.iii	The length of every X-over should not be less than 2 feet.	
20.iv	Tubing, pup joints & X-over ends should be provided with proper thread protectors and protected against rust during shipment by application of proper compound on threads.	
20.v	If requested by the bidder a delivery allowance of +0 & -3% for tubing can be allowed, however the payment will be made as per the actual quantity of tubing supplied.	
21	The usual requirement for OGDCL is for 2-7/8" till 4-1/2' thread connections tubular and accessories (pup Joints, x-overs, etc) as mentioned above. However this pre-qualification will also prevail for other sizes like 2-3/8", 5-1/2" or more as per actual requirement and design availability.	

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Category # 02

- 4. Threaded and Coupled Seamless Production Tubing of Chrome Grades (e.g. 3Cr, 9Cr, 13Cr, Super 13Cr, and higher chrome grades. etc.) having various Yield strengths with CAL – IV Tested Premium Threads Connections along with accessories.**

Sheet # 1:

1.	2-7/8", seamless production tubing, CAL – IV tested Hook Type/Wedge Type or any other Premium Threads Connection (Threaded & Coupled) (Box) X (Pin). Bidder is required to clearly name the quoted thread and provide its complete specifications and data sheets.	Bidder to Confirm the Manufacturing Capability of their Manufacturing/Threading Plants
2.	3-1/2", seamless production tubing, CAL – IV tested Hook Type/Wedge Type or any other Premium Threads Connection (Threaded & Coupled) (Box) X (Pin). Bidder is required to clearly name the quoted thread and provide its complete specifications and data sheets.	
3.	4", seamless production tubing, CAL – IV tested Hook Type/Wedge Type or any other Premium Threads Connection (Threaded & Coupled) (Box) X (Pin). Bidder is required to clearly name the quoted thread and provide its complete specifications and data sheets.	
4.	4-1/2", seamless production tubing, CAL – IV tested Hook Type/Wedge Type or any other Premium Threads Connection (Threaded & Coupled) (Box) X (Pin). Bidder is required to clearly name the quoted thread and provide its complete specifications and data sheets	
5.	Pup Joints of different lengths for the above mentioned sizes chrome material tubing (Box) X (Pin)	
6.	X-overs of different sizes /grades and threads as mentioned in the schedule of requirement for each specific tender.	
7.	OCTG tubular grades, weights, yield Strength, tensile strength, collapse pressure, burst Pressure etc will be	

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	specified in the schedule of requirement for each specific tender.	
8.	OCTG tubular dope on as and when required basis.	

5. Technical Terms and Conditions for Category # 02

Every bidder must comply the following conditions in order to be Pre-qualified in category #02. All the required supporting documents must be attached where applicable. Bidders failing to any requirement below mentioned would be considered disqualified for category # 02.		Bidder to comply /confirm the following in the Table and provide necessary documents accordingly.
1.	In case the bidder and the pipe manufacturer are different, then the bidder must provide an original authority letter/OEM certificate from the pipe manufacturer with the prequalification documents. In case bidder is offering pipes from multiple pipe manufacturers then original authority letter/OEM certificate from each pipe manufacturer has to be provided. The letter must be on company letter head, showing the name, designation and contact details (official e-mail) of the signing authority	
2.	The pipe manufacturer(s) must be possessing API 5CT and API Q1/ISO 9001 certificates for at least 10 years & their certificates should be valid on the date of the tender opening and should remain valid throughout the pre-qualification term. In case if any pipe manufacturing company has multiple pipe manufacturing plants under its umbrella then at least one of its major pipe mill must fulfill the above criteria.	
3.	In case the manufacturer and threader are different, then the bidder must also provide an original authority letter/OEM certificate from the threader with the prequalification documents. The letter must be on company letter head, showing the name, designation and contact details (Official e-mail) of the signing authority.	
4.	Bidder is required to confirm production capacity of its quoted manufacturing plant(s), which must not be less than 5000 Metric tons of tubing per year. Bidder will provide the certificate in this regard	

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5.	In case the threader(s) is(are) different from the tubing manufacturer then the threader(s) must have a minimum of 05 year experience in cutting the quoted threads from the date of tender opening Copies of the relevant licenses must be provided with the pre-qualification documents, these licenses must remain valid throughout the present pre-qualification term.	
6.	The manufacturer must have capability to provide thread connections which are tested in compliance with ISO-13679 2002 or API 5C5 2017 Application Level CAL-IV test. Test report for all sizes of quoted premium thread tubing covers the range of the quoted thread/weight/size report showing the compatibility of the testing/qualification records with extrapolation/interpolations rules of ISO-13679 2002 ANNEX G or API 5C5 2017 must be submitted. ('Petroleum and natural gas industries —Procedures for testing casing and tubing connections').	
7.	<u>Supply record and performance certifications of the chrome grades CAL IV Tested premium threads tubing (Threaded and coupled)</u> Bidder is required to provide the necessary data where applicable as point 7.i to 7. v	
7.i.	Manufacturer must have manufactured & supplied CAL IV tested premium threads production tubing (threaded and coupled) of different sizes e.g. 2-7/8", 3-1/2", 4", 4-1/2" and chrome grades e.g. 3% Cr, 13% Cr, Super 13 Cr or higher to the multinational E&P companies preferably Exxon, PDO, KOC, Shell, BP, Total, ENI, OMV, MOL and other renowned E & P companies (not belonging to the manufacturer's country) in excess of 1,000,000 meters during the last 10 years. Moreover the supply to the following E & P companies operating in Pakistan will also be considered like PPL, Mari, POL. The supply record must confirm this fact. The supply record must be independently verifiable i.e. the latest contact details (name, designation, official e-mail etc.) of the relevant persons in all the major customer organizations must be mentioned.	
7.ii.	In case the bidder is not the pipe manufacturer, then the bidder must provide its own supply record from the	

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	quoted manufacturer(s). The supply record must fulfill all the requirements laid down in 7.i.	
7.iii.	Bidder must also provide the supply record of the threader(s), in case it is (are) different from the tubing manufacturer(s). The threader must have cut and supplied at least 200,000 end Joints chrome grades premium threads tubing to different multinational E&P companies or other renowned E & P companies (not belonging to the manufacturer's country). The supply record must fulfill all the requirements laid down in 7.i.	
7.iv.	Supply record comprising the Tubing sold to supply houses will not be considered.	
7.v	<p>If the bidder has not already supplied threaded and coupled premium threads tubing with chrome grades to OGDCL then certificates of satisfactory performance in favor of bidder/pipe manufacturer(s)/threader(s) issued by authorized officials of at least 03 different multinational E&P companies preferably Exxon, PDO, KOC, Shell, BP, Total, ENI, OMV, MOL or other renowned E & P companies (not belonging to the manufacturer's country) or Pakistan based E & P companies like PPL, Mari, POL, UEPL. regarding the quoted threads must be provided with the bid.</p> <p>It is suggested that the certificates should preferably of a pattern providing the following information:</p> <ul style="list-style-type: none"> i. Delivery period compliance ii. Performance of supplied pipe body iii. Performance of supplied threads of tubing <p>The certificates must on the company letterhead and should indicate the name & Designation of the signing authority along with his complete contact details including his official email address in order to verify the same. <u>Certificates issued by supply houses etc. will not be considered.</u></p>	
7.vi.	In case of noncompliance of point 7.i to 7.v and no response from the end user email addresses provided. The bidder and manufacturer will not be technically qualified for category # 02	
7.vii.	If the bidder has already supplied tubing to OGDCL, from the quoted tubing manufacturer(s) and threader(s), of any size with chrome grades then supply record and performance certificates are not required for category # 02.	

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8.	If the bidder has not already supplied tubing, from the quoted tubing manufacturer(s) and threader(s), of any size with chrome grades to OGDCL then it is required to submit original print of the annual audited accounts reports separately for himself, the pipe manufacturer(s) and threader(s) for last 03 consecutive years in order to ascertain their financial standing i.e. liquidity position, revenues, profitability etc. In case these reports are not in English then Notarized translations of the same must also be provided	
9.	Bidder/Manufacturer are required to confirm their capability to manufacture the tubing with the following specifications where applicable 1. Chrome grades: 3Cr, 9Cr, 13 Cr, Super 13Cr or higher chrome grades with SMYS of 80ksi, 90ksi, 95ksi, 110ksi, 125ksi 2. PSL: 1 and 2 3. Range: 1, 2 and 3 The prequalification may be either for the complete category or a specific material grade/size.	
10.	Bidder must provide the detailed technical literature/documents for the manufacturing/threading company.	
11.	Bidder is required to submit the technical data sheets of the quoted tubing confirming the material, size, threads name, OD, ID, drift ID, range, yield strength, tensile strength, burst & collapse pressure ratings etc.	
12.	Running / Pulling, handling procedures & required torque values for the quoted tubing is to be submitted along with the prequalification documents.	
13.	The bidder to confirm tubing tally specifying the length of individual joint is to be provided along with the shipping documents for each specific tender.	
14.	The bidder to confirm clearly in the prequalification documents that the material test certificates will be provided with the shipping documents for each specific tender.	
15.	Usually the desired delivery period will be 06 months (or less as specified) C&F Karachi/FOR from the day of L/c establishment. Bidders needs to confirm that they can deliver the tendered items within 06 months on as and when required basis. However in some scenarios urgent	

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	<p>deliveries may also be specified accordingly. Bidder needs to confirm.</p> <p>In case bidder and manufacturer do not comply the mentioned delivery period will not be qualified for category # 02.</p>	
16.	<p>In all tenders OGDCL will arrange third party inspection (TPI) the scope of inspection will be decided on case to case basis, the bidder to confirm that all necessary assistance will be provided to the TPI company.</p>	
17.	<p><u>General Specification of the Production Tubing. Bidder is required to confirm</u></p>	
17.i	<p>Tubing, pup Joints & X-overs should be seamless.</p>	
17.ii	<p>The length of every X-over should not be less than 2 feet.</p>	
17.iii	<p>Tubing, pup joints & X-overs ends should be provided with proper thread protectors and protected against rust during shipment by application of proper compound on threads.</p>	
17.iv	<p>If requested by the bidder a delivery allowance of +0 & -3% for tubing can be allowed, however the payment will be made as per the actual quantity of tubing supplied.</p>	
18	<p>The usual requirement for OGDCL is for 2-7/8" till 4-1/2' thread connections tubular as mentioned above. However this Pre-Qualification will also prevail for other sizes like 2-3/8", 5-1/2" or more as per actual requirement and design availability.</p>	

**For 2-7/8", 6.5 lbs/ft /3-1/2", 10.3 lbs/ft, /4-1/2", 12.75 lbs/ft, L-80 Material Type -1
QUOTED THREAD & CS INTERCHANGEABILITY TEST REPORT**

	<p>TEST OBJECTIVE AND SCOPE:- The objective of this project is to determine if quoted threads and CS connection are interchangeable. The scope of this project includes verifying the connections sealing ability by subjecting the test samples to multiple make and breaks followed by a pressure test.</p> <p>TEST SUMMARY – Two test samples is required by combining a Quoted thread connection with CS connection L-80 pipe. This is required by taking a Quoted thread box and making it up to the pin end of a CS pup joint and taking a Quoted Thread pin and making it up to the box end of the CS.</p> <p>Both samples are required to complete 2 makes and breaks at the recommended maximum torque range followed by a final assembly at the minimum torque range. End caps are required to weld on the ends of the sample and the sample to prep with leak detection equipment. The sample to complete these 15 minute hold cycles of internal pressure with as at 10,000 psi to check leaking.</p> <p>A result of this test to verify that the Quoted thread connection is compatible with the CS connection without a loss in performance.</p> <p>TEST PROCEDURE – The following test procedure is to be used for the make and break and pressure testing.</p>
1	Cut the Quoted Thread pup joint in half.
2	Place the Quoted Thread box in the chucks and tighten down.
3	Clean and dry the pin and box with a safety solvent followed by a degreaser.
4	Photograph the connections.
5	Apply a light coat of Best-O-Life PTC thread lubricant to the pin and box in accordance with Running and Make up Procedures. Record the weight in grams of thread lube applied to both the pin and box.
6	Stab the pin into the box and make up until hand tight. Do not snug tight with a strap wrench.
7	With the hydraulic power tongs, make up the connection to the maximum torque window (ft-lbs). Plot torque vs. turns and record shoulder torque, peak torque, total turns, and RPM's during make up.
8	Break out the connection and plot torque vs. turns and peak breakout torque.
9	Clean and dry the pin and box as before and inspect both connections for signs of galling or damage.
10	Repeat steps 4 through 9 until 2 total make and breaks have been completed.
11	Repeat steps 4 through 6 then proceed to step 12.

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12	With the hydraulic power tongs, make up the connection to the minimum torque window (ft/lbs). Plot torque vs. turns and record shoulder torque, peak torque, total turns, and RPM's during make up.
13	Loosen the floor chucks and lower the connections, tightening down on the CS box.
14	Repeat steps 3 through 12 with the CS box and the quoted thread pin. Then remove the sample from the chucks and have end caps welded on the plain ends of the pipe.
15	The end caps to be welded as per manufacturer's own design & recommendation.
16	Press test the quoted thread connection at 10,000 psi as stated in test summary.
17	The same procedure to be repeated for HYDRIL CS connection.

TEST RESULTS – Results of the make and breaks is to be tabulated in Tables I and II.

**TABLE I – MAKE AND BREAK TEST RESULTS – SAMPLE 1
Quoted Thread box (BOX B) &CS (PIN A)**

Make – Up/ Break out #	Pin Dope	Box Done	Total Dope	Applied M.U. Torque	Peak B.O Torque
	g	g	g	Ft-lbs	Ft-lbs
1					
2					
3					

**TABLE II – MAKE AND BREAK TEST RESULTS – SAMPLE 2
CS Hydril (BOX A) & QUOTED THREAD PIN (PIN B)**

Make – Up/ Break out #	Pin Dope	Box Done	Total Dope	Applied M.U. Torque	Peak B.O Torque
	g	g	g	Ft-lbs	Ft-lbs
1					
2					
3					

CONCLUSIONS – Based on the test results, the following conclusions is to be drawn.

- 1. The L-80 Quoted thread connection is compatible with the L-80 CS connection.**
- 2. When one Quoted thread connection is make up to a CS connection, the connections can withstand 10000 psi internal gas pressure without leaking.**

**For 2-7/8", 8.7 lbs/ft /3-1/2", 12.95 lbs/ft, /4-1/2", 15.5 lbs/ft, L-80 Material Type -1
QUOTED THREAD & PH-6 INTERCHANGEABILITY TEST REPORT**

	<p>TEST OBJECTIVE AND SCOPE:- The objective of this project is to determine if quoted threads and PH-6 connection are interchangeable. The scope of this project includes verifying the connections sealing ability by subjecting the test samples to multiple make and breaks followed by a pressure test.</p> <p>TEST SUMMARY – Two test samples is required by combining a Quoted thread connection with PH-6 connection L-80 pipe. This is required by taking a Quoted thread box and making it up to the pin end of a PH-6 pup joint and taking a Quoted Thread pin and making it up to the box end of the PH-6.</p> <p>Both samples are required to complete 2 makes and breaks at the recommended maximum torque range followed by a final assembly at the minimum torque range. End caps are required to weld on the ends of the sample and the sample to prep with leak detection equipment. The sample to complete these 15 minute hold cycles of internal pressure with as at 10,000 psi to check leaking.</p> <p>A result of this test to verify that the Quoted thread connection is compatible with the PH-6 connection without a loss in performance.</p> <p>TEST PROCEDURE – The following test procedure is to be used for the make and break and pressure testing.</p>
1	Cut the Quoted Thread pup joint in half.
2	Place the Quoted Thread box in the chucks and tighten down.
3	Clean and dry the pin and box with a safety solvent followed by a degreaser.
4	Photograph the connections.
5	Apply a light coat of Best-O-Life PTC thread lubricant to the pin and box in accordance with Running and Make up Procedures. Record the weight in grams of thread lube applied to both the pin and box.
6	Stab the pin into the box and make up until hand tight. Do not snug tight with a strap wrench.
7	With the hydraulic power tongs, make up the connection to the maximum torque window (ft-lbs). Plot torque vs. turns and record shoulder torque, peak torque, total turns, and RPM's during make up.
8	Break out the connection and plot torque vs. turns and peak breakout torque.
9	Clean and dry the pin and box as before and inspect both connections for signs of galling or damage.
10	Repeat steps 4 through 9 until 2 total make and breaks have been completed.
11	Repeat steps 4 through 6 then proceed to step 12.

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12	With the hydraulic power tongs, make up the connection to the minimum torque window (ft/lbs). Plot torque vs. turns and record shoulder torque, peak torque, total turns, and RPM's during make up.
13	Loosen the floor chucks and lower the connections, tightening down on the PH-6 box.
14	Repeat steps 3 through 12 with the PH-6 box and the quoted thread pin. Then remove the sample from the chucks and have end caps welded on the plain ends of the pipe.
15	The end caps to be welded as per manufacturer's own design & recommendation.
16	Press test the quoted thread connection at 10,000 psi as stated in test summary.
17	The same procedure to be repeated for HYDRIL PH-6 connection.

TEST RESULTS – Results of the make and breaks is to be tabulated in Tables I and II.

**TABLE I – MAKE AND BREAK TEST RESULTS – SAMPLE 1
Quoted Thread box (BOX B) &PH-6 (PIN A)**

Make – Up/ Break out #	Pin Dope	Box Done	Total Dope	Applied M.U. Torque	Peak B.O Torque
	g	g	g	Ft-lbs	Ft-lbs
1					
2					
3					

**TABLE II – MAKE AND BREAK TEST RESULTS – SAMPLE 2
PH-6 Hydril (BOX A) & QUOTED THREAD PIN (PIN B)**

Make – Up/ Break out #	Pin Dope	Box Done	Total Dope	Applied M.U. Torque	Peak B.O Torque
	g	g	g	Ft-lbs	Ft-lbs
1					
2					
3					

CONCLUSIONS – Based on the test results, the following conclusions is to be drawn.

- 1. The L-80 Quoted thread connection is compatible with the L-80 PH-6 connection.**
- 2. When one Quoted thread connection is make up to a PH-6 connection, the connections can withstand 10000 psi internal gas pressure without leaking.**