

# Specification for Low Pressure Fiberglass Line Pipe and Fittings

## 1 Scope

### 1.1 COVERAGE

This specification covers filament wound (FW) and centrifugally cast (CC) fiberglass line pipe and fittings for pipe in diameters up to and including 24 in. in diameter and up to and including 1000 psig cyclic operating pressures. In addition, at the manufacturer's option, the pipe may also be rated for static operating pressures up to 1000 psig. It is recommended that the pipe and fittings be purchased by cyclic pressure rating. The standard pressure ratings range from 150 psig to 300 psig in 50 psig increments, and from 300 psig to 1000 psig in 100 psig increments, based on either cyclic pressure (ref. 5.5.1) or static pressure (ref. 5.5.2). Quality control tests, hydrostatic mill tests, dimensions, weights, material properties, physical properties, and minimum performance requirements are included.

### 1.2 UNIT CONVERSION

A decimal/inch system is the standard for the dimensions shown in this specification. Nominal sizes will continue to be shown as fractions. For the purposes of this specification, the fractions and their decimal equivalents are equal and interchangeable. Metric conversions are described in Appendix G.

### 1.3 SUGGESTIONS FOR ORDERING API LOW PRESSURE FIBERGLASS LINE PIPE AND FITTINGS

1.3.1 In placing orders for line pipe to be manufactured in accordance with API Specification 15LR, the purchaser may specify the following on the purchase order:

Specification	<u>API Specification 15LR</u>
Quantity	
Pressure Rating	Par. 1.1
Process of Manufacture	Par. 3.1
Resin System	Par. 3.2
Nominal Size or Outside Diameter	Table 1 and 2
Length	Par. 7.1.2
Pipe Ends	Par. 8.1
Delivery Date and Shipping Instructions	

1.3.2 Attention is called to the following paragraphs which may require agreement between the purchaser and the manufacturer:

Service Factors	Par 5.4
Disposition of Rejected Product	Appendix H, Par. H.4

1.3.3 The purchaser should also state on the purchase order his requirements concerning the following stipulations which are optional with the purchaser:

Degree of Cure	Par. 4.4
Physical Properties	Par. 5.1
Static Pressure Rating	Par. 5.5.2
Pipe Drawings	Par. 8.2
Purchaser Inspection	Par. 8.6

## 2 References

### 2.1 REFERENCES STANDARDS

This specification includes by reference, either in total or in part, the following API, industry and government standards. Where a specific edition of a standard is referenced, it was the latest edition available for review by the API Subcommittee on Fiberglass and Plastic Tubulars at the time this edition was printed. Subsequent revisions are subject to API subcommittee review prior to acceptance as a referenced standard to this specification.

API	
Std 5B	<i>Specification for Threading, Gauging, and Thread Inspection of Casing, Tubing, and Line Pipe Threads, Latest Edition</i>
RP 5B1	<i>Recommended Practice for Threading, Gauging, and Thread Inspection of Casing, Tubing, and Line Pipe Threads, Latest Edition</i>
ANSI <sup>1</sup>	
B16.5	<i>Pipe Flanges and Flanged Fittings NPS 1/2 Through NPS 24, 1996</i>
ASTM <sup>2</sup>	
C 582	<i>Standard Specification for Contact-Molded Reinforced Thermosetting Plastic (RTP) Laminates for Corrosion Resistant Equipment, 1995</i>
D 1599	<i>Test Method for Short-Time Hydraulic Failure Pressure of Plastic Pipe, Tubing and Fittings, 1995</i>
D 1694	<i>Specification for Threads for Reinforced Thermosetting Resin Pipe, 1995</i>
D 2105	<i>Test Method for Longitudinal Tensile Properties of Reinforced Thermosetting Plastic Pipe and Tube, 1990</i>

<sup>1</sup>American National Standards Institute, 1430 Broadway, New York, New York 10018.

<sup>2</sup>ASTM, 100 Barr Harbor Drive, West Conshohocken, Pennsylvania 19428.

## Specification for High Pressure Fiberglass Line Pipe

### 1 Scope

#### 1.1 PURPOSE

1.1.1 This specification was formulated to provide for the availability of safe, dimensionally and functionally interchangeable high pressure fiberglass line pipe with a Specification 15HR Standard Pressure Rating from 500 lbf/in.<sup>2</sup> to 5000 lbf/in.<sup>2</sup>, inclusive, in 250 lbf/in.<sup>2</sup> increments. This specification is limited to mechanical connections.

1.1.2 Technical content provides requirements for performance, design, materials, tests and inspection, marking, handling, storing and shipping.

1.1.3 Critical components are items of equipment having requirements specified in this document.

#### 1.2 APPLICATIONS

##### 1.2.1 Equipment

This specification covers fiberglass pipe utilized for the production of oil and gas. Specific equipment covered by this specification is listed as follows:

- High pressure line pipe and couplings.
- Fittings.
- Flanges.
- Reducers and adapters.

##### 1.2.2 Service Conditions

The standard service conditions for Specification 15HR Standard Pressure Rating are as follows:

- Service life is 20 years.
- Service temperature is 150°F.
- The fluid environment is salt water.

Axial loads shall include end loads due to pressure and bending, where the radius of curvature of the pipe divided by the outside radius of the pipe shall be greater than or equal to 1200.

Cyclic pressure variation shall include 3,000 cycles from 0 to 120% of Specification 15HR Standard Pressure Rating. Cyclic pressure variation shall include 10<sup>9</sup> cycles with an R value of 0.9.

(R = minimum pressure divided by maximum pressure).

Service conditions other than the standard Specification 15HR conditions are discussed in 5.1.1 and Appendix G.

### 1.3 UNIT CONVERSION

A decimal/inch system is the standard for the dimensions shown in this specification. Nominal sizes will continue to be shown as fractions. For the purposes of this specification, the fractions and their decimal equivalents are equal and interchangeable. Metric conversions are described in Appendix B.

### 1.4 AVAILABILITY OF TEST RESULTS

The manufacturer shall prepare a report as outlined below:

	Outline of Report Requirements.
Par. 5.1	Manufacturers Make-Up Procedure.
Par 5.1.1	Report per ASTM D2992 and Par. 5.1.1.
Par. 5.1.2	Report per ASTM D2992 and Par. 5.1.2.
Par 5.1.3	Report per ASTM D1599 and Par 5.1.3.
Par. 5.1.4	Report per ASTM D1599 and Par. 5.1.4.
Par 5.4.1	Report per ASTM D2992 and calculation of requalification LTHS.
Par. 8.1.c	Report per manufacturers written test procedure.
Par. 8.1.d	Report per Appendix D.
Par. 8.1.e	Report per Appendix D.
Par. 8.1.f	Report per Appendix F.
Par. 8.1.g	Report per ASTM D2105.
Par. 8.1.h	Report per ASTM D1599.
Par. 8.2	For each qualified pipe, include a table showing inside diameter, minimum reinforced wall thickness, and hoop stress rated pressure.
Appendix A	For all qualified components product characteristics outlined in Appendix A.
Manufacturer's Table	A table listing all qualified components by size and pressure rating.

This report shall be kept on file with the manufacturer and a copy shall be available on request to each purchaser. Any variance from the above test procedures voids the test as having been conducted according to API Specification 15HR. Any user company may witness representative testing of pipe and connections, observe manufacturer's testing procedures, or inspect test apparatus.

Prior to presenting results of tests in verbal or written reports, articles, or advertisements and stating that the tests were made in accordance with API Specification 15HR the manufacturer shall complete the report described above. This copy must be dated and reported test results certified by a management official of the company. It shall be the responsibility of the manufacturing company to maintain copies of the certified tests results for a minimum of 5 years from the date the manufacturing of the product is discontinued.

## **TOR FOR PREQUALIFICATION OF BIDDERS / MANUFACTURERS FOR LONG TERM SUPPLY OF FIBERGLASS LINE PIPES FOR THREE (03) YEARS ON AS AND WHEN REQUIRED BASIS**

The Basic concept is to prequalify the internationally/locally reputable Manufacturers for procurement of different sizes of Fiberglass line pipes, fittings, accessories etc for a period of three years in two groups.

**Group A** comprises of Fiberglass line pipes, fittings, accessories for Low Pressure system applications in Oil & Gas Industry (Fire water lines, storm water drainage, water transmission and distribution, liquid drains etc.) in accordance with API 15LR.

**Group B** comprises of Fiberglass line pipes, fittings, accessories for High Pressure system applications in Oil & Gas Industry (Oil & gas well surface piping and pipelines for high pressure wells and gathering system, for High H<sub>2</sub>S and Co<sub>2</sub> products, corrosive environment, high pressure water injection system etc) in accordance with API 15HR.

### **Bidders / Manufacturers to comply following mandatory requirements for acceptance:**

1. Manufacturers/Bidders will be prequalified technically for a period of three (03) years as per "Evaluation Criteria" Annexure-VI. After the prequalification, tender enquiries will be sent only to pre-qualified Bidders and Purchase Order(s) will be awarded to financially lowest bidder.
2. Bidder to provide separate set of documents against Group A & B in the light of document check list.
3. In case Single Bidder / manufacturer has more than one mill, Bidder has the right to supply product from any of the mill. But API 15LR valid certification is mandatory for each mill against Group A and API 15HR valid certification is mandatory for each mill against Group B. Bidder to submit API certifications with the bid.
4. In case Single Bidder / manufacturer has more than one mill, authority letter should include names and addresses of all mills.
5. One manufacturer can authorize only one bidder to participate.
6. One bid should comprise of single manufacturer against each group. In case there are more than one manufacturer against each group, separate bid to be submitted.
7. Acceptable delivery time is 04 Months on CFR by Sea, Karachi for foreign bidders and F.O.R. Khadeji Base Store, Karachi basis for local manufacturers. Delivery period will start from Letter of Credit establishment date.
8. Local bidder/manufacturer to quote their prices in Pak Rupees (PKR).
9. Bidder will submit separate bid bond on case to case basis. Amount of bid bond will be specified in each tender enquiry.
10. After issuance of Letter of Intent bidder will submit Performance Bank Guarantee (PG).
11. Submission of documents should be as per check list.

12. After the award of contract, the supplier/manufacturer would arrange a five days visit (excluding travel time) of an OGDCL team comprising three professionals (Two engineers from technical department and One Official from SCM department) to manufacturing site before the first order placement. All the expenses for arrangement including Visa Processing Charges, Return Air Ticket, Inland foreign country travel, Boarding, lodging & Transportation will be borne by bidder/manufacturer. The agenda would comprise Project Kick Off, project QA/QC review, TPI scope finalization and techno/commercial capabilities of manufacturer demonstration/review etc.
13. Incomplete information in the bid may lead to non-compliant & rejection of bid.
14. Third party inspection during manufacturing will be arranged by OGDCL at their own expense and manufacturer will facilitate accordingly.
15. Bidder to comply tender specifications and codes. In case of conflict most stringent requirement will prevail.
16. Authority letters in original from the manufacturer to bidder and from bidder to local agent for offered material with tender enquiry number must be furnished with the technical offer. The authority letter must be on company letter head in original duly signed and stamped.
17. In order to technically prequalify for a period of 03 years, the bidder must obtain 70% marks in the "Technical Evaluation Criteria". See Technical Evaluation criteria table (Annexure-VI).
18. Original Brochure/brochure on CD/USB of the manufacturer(s) containing technical literature/specifications sheets of all the quoted material must be submitted with the technical offer (both in hard and soft form)
19. Bidder to fill completely Annexures 1,2,3,4 & 5 and submit with technical bid.
20. The Manufacturer/Bidder must submit with technical bid, the printed Annual Audited Accounts reports of Manufacturer for the last 3 consecutive years in order to verify the liquidity position, revenues, profitability of the company. In case these reports are not in English Language, then in addition to these printed reports the English translation of the same must also be submitted with the technical bid, with each page to be signed and stamped by Notary Public & Foreign Officer to be certified as a true copy of the original.
21. 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.
22. Any information provided by the bidder that appears false and materially inaccurate or submitted forged/fake documents will be Rejected/blacklisted.
23. 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.
24. Any documents other than English language should be translated in English language first and should be duly attested by foreign office.
25. Clean acceptance of Terms & Conditions of Tender Documents, Schedule of Requirement is required from Manufacturer / Bidder.

26. The bank guarantee / bid bond (earnest money) / performance bond / Advance Bank Guarantees etc. of the bidder/vendor will be confiscated if they:
- a. Withdraw their bid during bid validity.  
Or
  - b. Fails to provide performance and/or advance bank guarantees.  
Or
  - c. Submit forged/fake document or inaccurate information in support of their bid.  
Or
  - d. Fails to execute contract as per terms of contract.  
Or
  - e. Fails to supply the short/wrong shipped items.  
Or
  - f. Any other reason warranting the confiscation of the guarantee.
27. OGDCL, at any stage of the procurement proceedings, having credible reasons for or prima facie evidence of any defect in firm's capacities, may require them to provide information concerning their professional, technical, financial, legal or managerial competence of already pre-qualified firms. OGDCL, shall disqualify a supplier or contractor 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.
28. For supply of material all terms & condition of the Master Set of Tender Documents available on OGDCL's website will be applicable.
29. **FOREIGN PROCUREMENT PAYMENT TERMS (COMPETITIVE BIDDING, PREQUALIFICATION 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.

## LIST OF ANNEXURES

### LIST OF ANNEXURES

ANNEXURE - I	:	CORPORATE & FINANCIAL INFORMATION
ANNEXURE - II	:	RELATED PROJECTS BEING EXECUTED DURING LAST FIVE (05) YEARS
ANNEXURE - III	:	RELATED PROJECTS BEING EXECUTED DURING LAST FIVE (05) YEARS WITH LEADING E&P COMPANIES
ANNEXURE - IV	:	HSE DETAILS
ANNEXURE - V	:	DOCUMENTS SUBMISSION CHECKLIST
ANNEXURE - VI	:	TECHNICAL EVALUATION CRITERIA

  
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ANNEXURE-I

**FORMAT OF CORPORATE & FINANCIAL INFORMATION**  
(To be filled by Bidder & Manufacturer Separately)

**PART - I**  
**GENERAL INFORMATION**

1. Name (Full Company Name):
  - Postal Address :
  - Contact Person Name :
  - Contact Person Mobile No. :
  - Company Telephone:
  - Facsimile:
  - Valid e-mail for correspondence:
  - Website Address:
  - 1.1 Has the Company operated under any other name? If yes please give name, date of change and reason for change.
2. Type of Entity/Firm:
  - Corporation/Stock Company
  - Public Limited
  - Private Limited
  - Partnership
  - Proprietorship
3. Shareholders information/pattern with names and addresses of majority shareholders.
4. Place of Incorporation/Registration:
5. Year of Incorporation/Registration:  
(Please provide copies of Incorporation/Registration Certificates and Memorandum & Articles of Association)
6. Company's National Tax No.
7. Company's Core Business Areas and their annual sales revenue/earnings during last five (5) years.
8. Name & Address of Owners/Directors
9. Registration with Pakistan Engineering Council (PEC) as Contractor. Please provide copy of membership certificate issued by PEC.

  
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**PART - II**  
**FINANCIAL STRENGTH**

1. Provide details with regard to the financial standing of the applicant including copies of last three (3) years annual audited profit & loss account and balance sheet. Complete postal address, email address and contact numbers of the audited firm should be provided along with the bid. Also, please fill the financial summary as per below table In USD only;


S. No.	Description	Years		
1	Sales Revenue			
2	Paid Up Capital			
3	Profit Before Tax			
4	Profit After Tax			
5	Current Assets			
6	T. Asset			
7	Owner Equity			
8	Long Term Debt			
9	Current Liability			
10	Total Liabilities			

2. Bank(s) credit worthiness certificates (Latest Period) of applicant organization and available credit ceiling/limits with Account Number/Title.
3. Detail record with regard to litigation/arbitration proceedings or any other dispute related to project undertaken/being undertaken by the Bidder their Sub-Contractors and Suppliers (Specially with OGDCL its Joint Venture Partners or other public and private organizations working in the Oil & Gas sector of Pakistan) during past five (05) years.
4. Any information including brochures, references and other documentary evidence of technical qualification, capability and experience of the Applicant to execute the Project.

The undersigned on behalf of \_\_\_\_\_ hereby declare that the statements made and the information provided official herewith is complete, true and correct in every detail

Signature

Official Seal of the Company

  
**Hammad Ahmed**  
 JE. (Mech) PE & FD



ANNEXURE - II

**RELATED PROJECTS EXECUTED DURING LAST FIVE (05) YEARS**  
(To be filled by Bidder & Manufacturer Separately)

Sr. No.	Name, Description & Capacity of the Project	Name & Address of Client	Country & Year	Project Completion Period	Contract Value*			Detailed Description of Work, Scope & Responsibilities**	Details of Equipment Procured (Including nature/type of equipment, its value* and origin/source)	Details of Qualification of Man-power Employed	Whether the Project is on Schedule? If not, specify reasons for delay and give expediting plans
					Foreign Currency	Local Currency	Total				

(\*). Unit of currency to be in USD only.

(\*\*) For example design engineering, procurement, manufacturing and commissioning.



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ANNEXURE - III

**PROJECTS EXECUTED DURING LAST FIVE (05) YEARS TO RENOWNED AND LEADING E&P COMPANIES OF THE WORLD**  
(To be filled by Bidder & Manufacturer Separately)

Sr. No.	Name, Description & Capacity of the Project	Name & Address of Client	Country & Year	Project Completion Period		Contract Value*			Detailed Description of Work, Scope & Responsibilities**	Details of Equipment Procured (Including nature/type of equipment, its value* and origin/source)	Details of Qualification of Manpower Employed	Reason for Delay in Project Completion, if applicable
				Planned	Actual	Foreign Currency	Local Currency	Total				

(\*) Unit of currency to be in USD only.


(\*\*)For example design engineering, procurement, manufacturing and commissioning.



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**HSE DETAILS**  
(To be filled by Manufacturer)

1-	Do you have a formal written Safety Policy?	YES	NO
	If yes, please attach a copy(s)		
	Is safety policy distributed to all employees and posted at the offices?	YES	NO
2-	Do you have a safety program manual?	YES	NO
	If yes, please state scope		
	_____		
	_____		
3-	Do documented procedures exist to support the safety manual?	YES	NO
	If no, how is your safety program implemented?		
	_____		
	_____		
4-	Do you operate a formal review/audit of the safety program?	YES	NO
	How are review/audit results identified, documented and implemented?		
	_____		
	_____		
5-	Do you hold regular safety meetings for all employees	YES	NO
	If yes, how frequently do you hold these meetings?		
	Weekly	_____	
	Fortnightly	_____	
	Monthly	_____	
	Others	_____	When? _____
			_____
6-	Do you hold regular safety inspection ?	YES	NO
	If yes, please provide details.		
	_____		
	_____		
	_____		
7-	What Type of employee training programs is in place?		
	_____		
	_____		

  
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Is training delivered to subcontractors / vendors?	YES	NO
Is training delivered to clients?	YES	NO

8- How are accidents investigated and reports circulated to management? Give a copy of any report if available.

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**Documents submission check List**

Bidder to submit following documents with bid for technical evaluation:

Sr. No	Description	Bidder	Group A (Low Pressure)	Group B (High Pressure)
1	Authority Letter	In favor of local agent	In favor of bidder	In favor of bidder
2	Valid API 15LR		Yes	
3	Valid API 15HR			Yes
4	API 15LR Certificates for last 5 years		Yes	
5	API 15HR Certificates for last 5 years			Yes
6	Quality Certificates (ISO 9001 & ISO 14001)		Yes	Yes
7	Supply record during last 5 years as per Annex II	Yes	Yes	Yes
8	Supply record during last 5 years as per Annex III	Yes	Yes	Yes
9	Copies of purchase orders	Yes	Yes	Yes
10	Copies of third party inspection reports		Yes	Yes
11	Copies of performance certificates of Pipe supplied to companies.		Yes	Yes
12	Proof of Prequalification with Companies.		Yes	Yes
13	Lab Equipment details		Yes	Yes
14	Details of order in hand		Yes	Yes
15	Audited financial reports for last three years	Yes	Yes	Yes
16	Delivery Schedule Confirmation	Yes	Yes	Yes
17	Corporate Information (Submit Annex 1)	Yes	Yes	Yes
18	Mill/ Product Catalogue		Yes	Yes
19	Equipment details		Yes	Yes
20	Manufacturing Procedure		Yes	Yes
21	HSEQ Information as per Annex IV	Yes	Yes	Yes

**Note:**

1. Bid documents should be signed and stamped by bidder and should be properly tagged and numbered.
2. Bid should be submitted in book binding form.
3. Contents of the authority letter should include the following:
  - a. Tender Inquiry Number.
  - b. Supply of new pipe as per tender specification.
  - c. Signed / Stamped by manufacturer.
  - d. Contact details (Name, address, telephone numbers, email).
  - e. Delivery schedule.
  - f. List of documents provided by manufacturer (Documents not mentioned in the authority letter but part of the bid will not be considered).

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Sr. No	REQUIREMENT / DESCRIPTION	TOTAL SCORE	SCORE OBTAINED
1	<b>Authority letter of manufacturer ( 05 Nos)</b> i) Authority letter of the manufacturer. ii) Not Submitted.	5 Rejected.	
2	<b>API 15LR CERTIFICATE (25 Nos)</b> i) Valid and last 5 years certificate ii) Latest only and not for Last 5 years Note: Copies of certificate to be submitted.	25 Rejected	
3	<b>Certifications (5 Nos)</b> i) ISO 9001 ii) ISO 14001 Note: Copies of valid certificate to be submitted.	2.5 2.5	
4	<b>Supply record during last 5 years to Companies (25Nos)</b> i) At least One Agreement with value greater than or equal to 1 MMUSD. ii) At least One Agreement with value $0.5 < x < 1$ MMUSD OR iii) At least 03 Agreements with value $0.1 < x < 0.5$ MMUSD iv) Noncompliance to any of the three conditions.  Note: Copies of Purchase Orders to be submitted. ▪ Supply record as per table attached at Annex-II	25 20 20 Rejected.	
5	<b>Complete Copies of third party Inspection Report (5 Nos)</b> i) If Submitted ii) If not submitted	5 0	
6	<b>Copies of Performance Certificate of material Supplied to companies( 5Nos)</b> i) For $X \geq 3$ ii) For $1 \leq X < 3$ iii) For $X = 0$	5 2 0	
7	<b>Proof of Pre-qualification of manufacturer with companies (10 Nos)</b> i) For $X \geq 3$ ii) For $1 \leq X < 3$ iii) For $X = 0$	10 5 0	
8	<b>Financial Strength of the Company (10 Nos)</b> i. Three Years Audited Financial reports of the bidder / manufacturer. ii. Non submission of Three years audited financial reports of bidder / manufacturer. ▪ Filling of information as per Annex-I.	10 Rejected.	
9	<b>Documents Submission (10 Nos)</b> i. Mill/ Product Catalogue ii. Equipment Details iii. Lab Equipment Details iv. Manufacturing Procedure	2.5 2.5 2.5 2.5	

**NOTE:**

1. Minimum pre-qualification criteria for agreement is 70 Score.
2. Bid exceeding 70 Score but rejected in any one of the sub category will be non-responsive i.e. sub category 1, 2, 4 & 8.
3. Date of tender opening will be considered to calculate 05 years requirement of API certificate.

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**TECHNICAL EVALUATION CRITERIA (Group B, High Pressure Applications) ANNEXURE-VI**

Sr. No	REQUIREMENT / DESCRIPTION	TOTAL SCORE	SCORE OBTAINED
1	<b>Authority letter of manufacturer ( 05 Nos)</b> i) Authority letter of the manufacturer. ii) Not Submitted.	5 Rejected.	
2	<b>API 15HR CERTIFICATE (25 Nos)</b> i) Valid and last 5 years certificate ii) Latest only and not for Last 5 years Note: Copies of certificate to be submitted.	25 Rejected	
3	<b>Certifications (5 Nos)</b> i) ISO 9001 ii) ISO 14001 Note: Copies of valid certificate to be submitted.		
4	<b>Supply record during last 5 years to *International E &amp; P Companies (25Nos)</b> i) At least One Agreement with value greater than or equal to 2 MMUSD. ii) At least One Agreement with value $1 < x < 2$ MMUSD OR iii) At least 03 Agreements with value $0.2 < x < 1$ MMUSD iv) Noncompliance to any of the three conditions. Note: Copies of Purchase Orders to be submitted. ▪ Supply record as per table attached at Annex-II *See Note 4 for International E & P Companies.	25 20 20 Rejected.	
5	<b>Complete Copies of third party Inspection Report (5 Nos)</b> i) If Submitted ii) If not submitted	5 0	
6	<b>Copies of Performance Certificate of material Supplied to companies( 5Nos)</b> i) For $X \geq 3$ ii) For $1 \leq X < 3$ iii) For $X = 0$	5 2 0	
7	<b>Proof of Pre-qualification of manufacturer with*International E&amp;P Companies (10 Nos)</b> i) For $X \geq 3$ ii) For $1 \leq X < 3$ iii) For $X = 0$ *See Note 4 for International E & P Companies.	10 5 0	
8	<b>Financial Strength of the Company (10 Nos)</b> i. Three Years Audited Financial reports of the bidder / manufacturer. ii. Non submission of Three years audited financial reports of bidder / manufacturer. ▪ Filling of information as per Annex-I.	10 Rejected.	
9	<b>Documents Submission (10 Nos)</b> i. Mill/ Product Catalogue ii. Equipment Details iii. Lab Equipment Details iv. Manufacturing Procedure	2.5 2.5 2.5 2.5	

**Note:**

- Minimum pre-qualification criteria for agreement is 70 Score.
- Bid exceeding 70 Score but rejected in any one of the sub category will be non-responsive i.e. sub category 1, 2, 4 & 8.
- Date of tender opening will be considered to calculate 05 Years requirement of API certificate.
- International E & P Companies should be a upstream member of International Association of Oil & Gas Producers (IOGP) or a member Pakistan Petroleum Exploration & Production Companies Association (PPEPCA).
- In case Bidder supplied material to companies fall under note 4 through contractor, then proof to be submitted.

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