

OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT, ISLAMABAD
FOREIGN SECTION B

270

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

ANNEXURE 'A'

Material CHOKE ASSEMBLIES OF DIFFERENT SIZES
Tender Enquiry No PROC-FB/CB/PROD-1869/2016
Due Date
Evaluation Criteria FULL

SCHEDULE OF REQUIREMENT

Sr No	Description	Unit	Quantity	Unit Price (FOB)	Total Price (FOB)	Unit Price C & F BY SEA	Total Price C & F BY SEA	Deviated From Tender Spec. If Any
1	Adjustable Choke Assembly, angle type 4-1/16" 5000 PSI WP, (R-39) Inlet and Outlet Flanged connections, 3/4" maximum Orifice, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	4					
2	Fixed/Positive Choke Assembly, 4" NOM with 4-1/16" 5000 PSI WP, (R-39) Inlet and Outlet Flanged connections, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	1					
3	Set of Beans for choke size 4-1/16" 5K, Inconel 718 material, 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	Sets	1					
4	Flange Companion 4-1/16" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	Number	5					
5	Ring Gasket R-39, Inconel 825 material.	Number	5					
6	Adjustable Choke Assembly, angle type 3-1/8" 5000 PSI WP, (R-35) Inlet and Outlet Flanged connections, 3/4" maximum Orifice, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	3					
7	Fixed/Positive Choke Assembly, 3" NOM with 3-1/8" 5000 PSI WP, (R-35) Inlet and Outlet Flanged connections, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	3					
8	Set of Beans for Choke size 3-1/8" 5K, Inconel 718 material, 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	Sets	3					
9	Flange Companion 3-1/8" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	Number	6					
10	Ring Gasket R-35, Inconel 825 material.	Number	6					
11	Adjustable Choke Assembly, angle type 3-1/16" 10000 PSI WP, (BX-154) Inlet and Outlet Flanged connections, 3/4" maximum Orifice, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	2					
12	Fixed/Positive Choke Assembly, 3" NOM with 3-1/16" 10000 PSI WP, (BX-154) Inlet and Outlet Flanged connections, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	4					
13	Set of Beans for Choke size 3-1/16" 10K, Inconel 718 material 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	Sets	4					
14	Flange Companion 3-1/16" 10,000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	Number	6					
15	One complete set of stud bolts required to assemble the 3-1/16" 10K companion flanges	Sets	6					
16	Ring Gasket BX-152, Inconel 825 material.	Number	6					
17	Fixed/Positive Choke Assembly, 2" NOM with 2-9/16" 5000 PSI WP, (R-27) Inlet and Outlet Flanged connections, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	3					
18	Set of Beans for Choke size 2-9/16 5K, Inconel 718 material 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	Sets	3					
19	Flange Companion 2-9/16" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	Number	3					
20	One complete set of stud bolts required to assemble the 2-9/16 5K companion flanges	Number	3					
21	Ring Gasket R-27, Inconel 825 material	Number	3					
22	Adjustable Choke Assembly, angle type 2-1/16" 5000 PSI WP, (R-24) Inlet and	Number						

Verified
Sohail Sharif
 17-8-2016
SOHAIL SHARIF
 Manager (P & D)
 Ext: 3545

OIL & GAS DEVELOPMENT COMPANY LIMITED
PROCUREMENT DEPARTMENT, ISLAMABAD
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ANNEXURE 'A'

Material CHOKE ASSEMBLIES OF DIFFERENT SIZES
Tender Enquiry No PROC-FB/CB/PROD-1869/2016
Due Date
Evaluation Criteria FULL

	Outlet Flanged connections, 3/4" maximum Orifice, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves		
23	Fixed/Positive Choke Assembly, 2" NOM with 2-1/16" 5000 PSI WP, (R-24) Inlet and Outlet Flanged connections, Valve stem seat Inconel 718, Cladding Inconel 625 on wetted area and ring grooves	Number	1
24	Set of Beans for Choke size 2-1/16" 5K, Inconel 718 material ,16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	Sets	1
25	Flange Companion 2-1/16" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	Number	2
26	One complete set of stud bolts required to assemble the 2-1/16" 5K companion flanges	Number	2
27	Ring Gasket R-24 Inconel 825 material	Number	2

Note: (1) AMOUNT OF UPFRONT BID BOND TO BE SUBMITTED ALONG WITH TECHNICAL BID IS USD 8,600/- (US DOLLARS EIGHT THOUSAND SIX HUNDRED ONLY) OR EQUIVALENT PAK RUPEES.

Checked
Soheil Sharif
17-8-2016
SOHAIL SHARIF
 Manager (P & D)
 Ext: 3545

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TENDER ENQUIRY NO. PROC-FB/CB/PROD-1869/2016
FOR PROCUREMENT OF CHOKE ASSEMBLIES OF DIFFERENT SIZES

- 1) PURSUANT TO TENDER CLAUSE # 2.2, 11.4, 13 & 35.3.2, BID BOND AMOUNTING TO **USD 8,600/-** (UNITED STATES DOLLARS EIGHT THOUSAND SIX HUNDRED ONLY) OR EQUIVALENT TO PAK RUPEES MUST BE SUBMITTED WITH THE TECHNICAL BID AND VALID FOR 150 DAYS FROM THE DATE OF OPENING OF THE TECHNICAL BID.
- 2) EVALUATION CRITERIA: **FULL CONSIGNMENT** WISE ON CFR KARACHI BASIS.
- 3) **TERMS AND CONDITIONS:** BIDDERS ARE ADVISED TO CAREFULLY READ ALL THE TERMS AND CONDITIONS OF THE TENDER DOCUMENT AVAILABLE AT OGDCL WEBSITE IN THE MASTER TENDER DOCUMENT.
- 4) **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.
- 5) **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.
- 6) **DELIVERY PERIOD:** THE DELIVERY PERIOD OF THE QUOTED PRODUCT SHOULD NOT BE MORE THAN **06 MONTHS** AFTER OPENING OF LETTER OF CREDIT (LC).

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ADEEL SALEEMI
A.E (PED)
Ext: 2807

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DETAILED SPECIFICATION SHEETS FOR CHOKE ASSEMBLIES OF DIFFERENT SIZES, ALL MATERIAL TO BE AS PER API 6A LATEST EDITION, PSL-3, PR-2, TEMPERATURE CLASS X MATERIAL CLASS 'HH-NL' IN COMPLIANCE WITH NACE MR-0175/ISO 15156.

Sr #	Description	Quantity	Index
1	Adjustable choke assembly, angle type 4-1/16" 5000 PSI WP, (R-39) Inlet and Outlet Flanged connections, 3/4" maximum orifice having following specifications: i. Forged AISI 4130 Alloy Steel body ii. Valve Stem/seat be of Inconel 718 iii. Cladding Inconel 625 on wetted area iv. Cladding Inconel 625 on Ring grooves Hand wheel operated and complete with Choke Spanner, (01 No Spanner/Choke Valve).	04 Nos.	20-15-202-F 20-17-202-F
2	Fixed/Positive choke assembly, 4" Nom with 4-1/16" 5000 PSI WP (R-39) Inlet and Outlet Flanged connections having following specifications: i. Forged AISI 4130 Alloy Steel body ii. Cladding Inconel 625 on wetted area iii. Cladding Inconel 625 on Ring grooves. Complete with Choke Bean wrench (01 No /Choke Assy).	01 No.	F.D
3	Set of Beans for choke size 4-1/16" 5K, Inconel 718 material, 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	01 Set	F.D
4	Flange Companion 4-1/16" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	05 Nos.	F.D
5	Ring Gasket R-39, Inconel 825 material.	05 Nos.	F.D
6	Adjustable choke assembly, angle type 3-1/8" 5000 PSI WP, (R-35) Inlet and Outlet Flanged connections, 3/4" maximum orifice having following specifications: i. Forged AISI 4130 Alloy Steel body ii. Valve Stem/seat be of Inconel 718 iii. Cladding Inconel 625 on wetted area iv. Cladding Inconel 625 on Ring grooves Hand wheel operated and complete with Choke Spanner, (01 No Spanner/Choke Valve).	03 Nos.	20-34-079-F
7	Fixed/Positive choke assembly, 3" Nom with 3-1/8" 5000 PSI WP (R-35) Inlet and Outlet Flanged connections, Inlet and Outlet Flanged connections having following specifications: i. Forged AISI 4130 Alloy Steel ii. Cladding Inconel 625 on wetted area iii. Cladding Inconel 625 on Ring grooves. Complete with Choke Bean wrench (01 No /Choke Assy).	03 Nos.	20-34-080-F
8	Set of Beans for Choke size 3-1/8" 5K, Inconel 718 material, 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice.	03 Sets.	F.D
9	Flange Companion 3-1/8" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	06 Nos.	F.D

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10	Ring Gasket R-35, Inconel 825 material.	06 Nos.	F.D
11	Adjustable choke assembly, angle type 3-1/16" 10,000 PSI WP, (BX-154) Inlet and Outlet Flanged connections 3/4" maximum orifice having following specifications: i. Forged AISI 4130 Alloy Steel body ii. Valve Stem/seat be of Inconel 718 iii. Cladding Inconel 625 on wetted area iv. Cladding Inconel 625 on Ring grooves Hand wheel operated and complete with Choke Spanner, (01 No Spanner/Choke Valve)	02 Nos.	F.D
12	Fixed/Positive choke assembly, 3" Nom with 3-1/16" 10000 PSI WP, (BX-154) Inlet and Outlet Flanged connections Inlet and Outlet Flanged connections having following specifications: i. Forged AISI 4130 Alloy Steel ii. Cladding Inconel 625 on wetted area iii. Cladding Inconel 625 on Ring grooves. Complete with Choke Bean wrench (01 No /Choke Assy).	04 Nos.	F.D
13	Set of Beans for Choke size 3-1/16" 10K, Inconel 718 material 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	04 sets	F.D
14	Flange Companion 3-1/16" 10,000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	06 Nos.	F.D
15	One complete set of stud bolts required to assemble the 3-1/16" 10K companion flanges	06 Sets.	34-19-130-F
16	Ring Gasket BX-154, Inconel 825 material.	06 Nos.	F.D
17	Fixed/Positive choke assembly, 2" Nom with 2-9/16" 5000 PSI WP, (R-27) Inlet and Outlet Flanged connections having following specifications: i. Forged AISI 4130 Alloy Steel ii. Cladding Inconel 625 on wetted area iii. Cladding Inconel 625 on Ring grooves. Complete with Choke Bean wrench (01 No /Choke Assy).	03 Nos.	F.D
18	Set of Beans for Choke size 2-9/16" 5K, Inconel 718 material ,16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	03 Sets.	F.D
19	Flange Companion 2-9/16" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	03 Nos.	F.D
20	One complete set of stud bolts required to assemble the 2-9/16" 5K companion flanges	03 Sets.	F.D
21	Ring Gasket R-27 Inconel 825 material	03 Nos.	F.D
22	Adjustable choke assembly, angle type 2-1/16" 5000 PSI WP, (R-23) Inlet and Outlet Flanged connections, 3/4" maximum orifice having following Specifications: i. Forged AISI 4130 Alloy Steel body ii. Valve Stem/seat be of 718 iii. Cladding Inconel 625 on wetted area iv. Cladding Inconel 625 on Ring grooves Hand wheel operated and complete with Choke Spanner, (01 No Spanner/Choke Valve)	01 No.	F.D


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A.E (PED)
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23	Fixed/Positive choke assembly, 2" Nom with 2-1/16" 5000 PSI WP, (R-23) Inlet and Outlet Flanged connections having following specifications: i. Forged AISI 4130 Alloy Steel ii. Cladding Inconel 625 on wetted area iii. Cladding Inconel 625 on Ring grooves. Complete with Choke Bean wrench (01 No /Choke ASSY).	01 No.	F.D
24	Set of Beans for Choke size 2-1/16" 5K, Inconel 718 material, 16/64", 20/64", 24/64", 28/64", 32/64", 36/64", 40/64" Orifice	01 Set.	F.D
25	Flange Companion 2-1/16" 5000 psi WP, WN Sch 160, Forged material AISI 4130 with Cladding Inconel 625 on wetted area and ring grooves.	02 Nos.	F.D
26	One complete set of stud bolts required to assemble the 2-1/16" 5K companion flanges	02 Sets.	F.D
27	Ring Gasket R-23, Inconel 825 material	02 Nos.	

A) REQUIREMENTS FOR ADMISSION TO THE DETAILED TECHNICAL EVALUATION OF THE BID: Every bidder must fulfill the following conditions in order to qualify for the detailed technical evaluation, all the required supporting documents must be attached with the technical bid. Any technical bid without the required supporting documents or not fulfilling the conditions from Point 1-13 given below in this section will not be considered for Technical Evaluation.

1	Only AISI 4130 Alloy steel forged body material of choke valve with Inconel 625 Cladding on wetted area and ring groove area as per API 6A Latest Edition, PSL-3, PR-2, Temperature Class X Material Class 'HH-NL' in compliance with NACE MR-0175/ISO 15156 will be acceptable. Bidder to provide a clear cut confirmation in this regard in the technical bid. Bidder is also required to provide the third Party report/documentary evidence in order to confirm its capability to manufacture choke valve, Companion Flanges, Choke Beans and Ring Gaskets as per API 6-A, Class- HH Trim. The manufacturer must have in house cladding machines. Documentary evidence in this regard must be attached with the technical quotation.
2	In case the bidder and the Manufacturer are different, then the bidder must provide an Authority letter/OEM certificate (in original) from the Manufacturer with the technical bid. The letter must be on company letter head, showing the name and contact details (E-mail & fax number) of the signing authority.
3	The manufacturing plant(s) must be certified by API for the last consecutive 5 years from the date of tender opening under Specs API 6A & ISO 9001/Q1, the bidder to provide copies of the relevant certificates as a proof (no breaks will be acceptable). In case of Choke Valves are to be manufactured at any other third party facility/company then the bidder to identify that specific facility and also provide the API 6A & ISO 9001/Q1 certificate of the third party facility/ company for the last consecutive 5 years.
4	The manufacturer(s) must have manufactured & supplied API 6A Material class HH choke valves/gate valves/X-mass tree equipments to the multinational E&P companies and other renowned E & P companies outside the manufacturer country during the last 5 years, the supply record must confirm this fact. The Supply record only for the material class HH complete sets of X-mass trees/Choke Valves should be submitted and it should also specify the contact person's Name, Designation and Contact details inclusive of email address of the customers.
5	In case of a local Manufacturer who is claiming the price preference, the bidder is required to provide the following documents with the technical bid. i) The local manufacturer must have API-6A & Q1/ISO-9001 certificates for the last consecutive 5 years from the date of tender opening. The local manufacturer to provide copies of API 6A & Q1/ISO-9001 certificates for the last 5 years as a proof with the technical bid. ii) The local manufacturer must identify the names of foreign sub-manufacturers in the technical bid from

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A.E (PED)
Ext: 2807

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	<p>whom the finished & semi-finished material will be imported for manufacturing of the required items. The sub-manufacturers must have API-6A & Q1/ISO-9001 certificates for the last 5 years and these certificates must be attached in the technical bid.</p> <p>iii) The local manufacturer must obtain & provide the authority letter from the foreign sub-manufacturers on their company letter head duly signed/stamped and attach it with the technical bid for the items to be imported for this tender</p> <p>iv) The local manufacturer must identify in the technical bid, the list of finished & semi-finished items to be imported for manufacturing of the required items.</p> <p>v) The local manufacturer must identify in the technical bid, the detail of value addition to be performed on the imported semi-finished items for manufacturing of the required items.</p> <p>vi) The price preference shall not be given to the local manufacturer for the items which will be imported in the finished form by the local manufacturer.</p>
6	If the bidder has not already supplied X-Mass trees/Choke Valves to OGDCL then certificates of satisfactory performance issued by authorized officials of at least 3 different multinational E&P companies or other renowned E & P companies (not belonging to the manufacturer's country) regarding the X-Mass trees/Choke Valves must be provided with the bid. The certificates must be 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. Certificates issued by supply houses etc. will not be considered.
7	The desired delivery period is 6 months C&F Karachi/FOR. Bids with more than 06 months delivery period may not be considered for evaluation.
8	The bidder to confirm clearly in the technical bid that the material test certificates will be provided with the shipping documents.
9	Bidder must provide detailed drawings and installation procedures of the quoted equipment along with the technical bid and also in soft form, preferably attach the CD with the bid
10	Bidder to confirm that the third Party Inspection (TPI) report verified by OGDCL will be provided with the shipping documents for LC encashment, OGDCL will arrange the TPI.
11	The evaluation will be carried out on full consignment basis, bidder to provide acceptance in the technical bid.
12	The bidder to submit original annual audited accounts reports for the last 3 consecutive years (along-with attested English Copies) with the technical bid in order to verify the liquidity position, revenues, profitability of the company.
13	OGDCL will arrange Third Party Inspection (TPI) in three stages, the tentative scope of inspection is as follows, the bidder to confirm that necessary assistance will be provided to the TPI.:
13.1	Initial Stage Inspection: Inspection of Forged Raw material and Material Test Certificates prior to commencement of Machining in order to confirm that the Material is as per purchase order specifications.
13.2	Intermediate stage inspection: After the completion of 50% of Manufacturing/Machining, stage inspection for Manufacturing & Quality control Reports.
13.3	Final Inspection: Upon completion of the Manufacturing /Machining, Third Party inspector will witness hydro testing /Drift Testing and other recommended tests as per API 6A. TPI will Review all the Mill test certificates in order to confirm that the equipment Material is as per purchase order specifications.
13.4	ISSUE OF INSPECTION REPORT /INSPECTION RELEASE NOTE: After completion of TPI final inspection, TPI will issue the inspection report/inspection release note to OGDCL for review and approval.

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Adeel Soomro
A.E (P&D)
Ext: 2807