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Material: GASKETS FOR SHELL & TUBE HEAT EXCHANGERS

Due Date:

Tender Enquiry No: PROC-LD/P&P/17870/19

Bid Bond Value: 67500

EVALUATION WILL BE CARRIED OUT ON FULL

Attachment(if any): YES

Sr No	Description	Quantity	Make/Brand offered	Unit	Unit Price (PKR) Inclusive Of All Taxes Except GST	Unit Price (PKR) Inclusive of GST	Total Price (PKR) Inclusive of GST	Delivery Period Offered	deviation fron Tender Spec. Any
1	CHANNEL AND CHANNEL COVER GASKET WITH SINGLE RIB, EA 201 A/B 648MM ID X 628MM OD X 10MM W/RIB X 3.2MM T,SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	8		Number					
2	CHANNEL COVER PLATE & TUBE SHEET CHANNEL GASKET WITH TWO RIB, EA 401 A/B DIA 1223MM ID X 1249MM OD X 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	8		Number					
3	CHANNEL GASKET, EA-606,511MM ID x 531MM OD x 3.2MM , SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWINGH	4		Number					
4	CHANNEL HEAD & TUBE SHEET CHANNEL HEAD GASKET WITH SINGLE RIB, EA-201-P, DIA 589 OD X 561 IDX 3.0MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	8		Number					
5	FLOATING HEAD GASKET WITH T RIB, JACKET METAL, EA 401 A/B, DIA 1162MM ID X 1188MM OD X 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
6	FLOATING HEAD GASKET WITH Y SHAPED RIB, EA-611, 247MM ID x 267MM OD x 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
7	FLOATING HEAD GASKET WITH Z-SHAPE RIB, EA-604, 321 OD X 301 ID X 3.2 THK MM, MATERIAL:SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
8	FLOATING HEAD GASKET WITH Z-SHAPED RIB, EA-603, 374MM ID x 394MM OD x 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
9	FLOATING HEAD GASKET, EA-201-P, DIA 540 OD X 506 IDX 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
10	FLOATING HEAD GASKET, EA-601, SIZE: 428 OD x 408 ID x 3.2MM THK, MATERIAL: SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	12		Number					
11	FRONT & BACK CHANNEL GASKET, EA-702, 45" ID x 46-1/16" OD x 1/8 or 3.2MM", SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Sets					
12	FRONT AND BACK CHANNEL GASKET, E-703 & 704, Size 711.2MM ID X 736.6MM OD X 3.2MM T, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
13	FRONT AND BACK CHANNEL GASKET, E-705, 701.7MM ID X	4		Number					



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	728.7MM OD X 3.2MM T , SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING								
14	GASKET ARMCO JACK ASBESTOS DIA 1181 X 1155 X 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
15	GASKET CHANNEL WITH SINGLE RIB, EA-608, 430 OD x 410 ID x 3.2 THK MM, MATERIAL:SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
16	SHELL COVER GASKET, EA-201-P, DIA 714 OD X 688 IDX3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
17	SHELL COVER GASKET, EA-401 A/B, DIA 1329 X 1303 X 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
18	SHELL COVER GASKET, EA-601, SIZE: 543 ODX 523 ID X 3.2MM THK, MATERIAL: SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	12		Number					
19	SHELL COVER GASKET, EA-603, DIA 523 X 503 X 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Sets					
20	SHELL COVER GASKET, EA-604, DIA 449 x 429 x 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Sets					
21	SHELL COVER GASKET, EA-611, DIA 393 X 373 X 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
22	TUBE SHEET SHELL GASKET, EA 601, 465 OD x 445 ID x 3.2MM THK, MATERIAL: SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	12		Number					
23	TUBE SHEET CHANNEL & CHANNEL COVER GASKET WITH 2 RIBS, EA-604, SIZE: 359 ODX 379 ID X 3.2MM THK,MATERIAL: SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
24	TUBE SHEET CHANNEL & CHANNEL COVER GASKET WITH 2 RIBS, EA-611, SIZE: 348 ODX 328 ID X 3.2MM THK MATERIAL: SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
25	TUBE SHEET CHANNEL & CHANNEL COVER GASKET WITH SINGLE RIB, EA-402 A/B, DIA 1181 X 1155 X 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR &	8		Number					



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	DRAWING								
	TUBE SHEET CHANNEL AND CHANNEL COVER GASKET WITH T- SHAPED RIB, EA-403, DIA 1210X1170X3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
	TUBE SHEET CHANNEL AND CHANNEL COVER GASKET WITH TWO RIBS, EA-603, DIA 461MM ID X 481MM OD X 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
	TUBE SHEET CHANNEL GASKET WITH SINGLE RIB, EA-602, 460MM ID x 480MM OD x 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
29	TUBE SHEET GASKET, EA-608, DIA 430 X 410 X 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
30	TUBE SHEET GASKET, EA-201 A/B, DIA 648X628X3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
31	TUBE SHEET GASKET, EA-606, DIA 531 X 511 X 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
32	TUBE SHEET SHELL GASKET, EA 611 328 ID x 348 OD x 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
33	TUBE SHEET SHELL GASKET, EA-201-P, DIA 589 OD X 561 IDX 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
34	TUBE SHEET SHELL GASKET, EA-401 A/B, DIA 1249 X 1223 X 3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
35	TUBE SHEET SHELL GASKET, EA-403, DIA 1210X1170X3.2 MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	2		Number				144	
	TUBE SHEET SHELL GASKET, EA-602, DIA 480X460X3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					
37	TUBE SHEET SHELL GASKET, EA-603, 461MM ID X 481MM OD X 3.2MM, SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					



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38	TUBE SHEET SHELL GASKET, EA-604, 379 OD x 359 ID x 3.2 THK MM, MATERIAL:SOFT IRON JACKETED WITH FLEXIBLE GRAPHITE FILLED AS PER ATTACHED TOR & DRAWING	4		Number					

Special Note: The prospective bidders also download the master set of Tender Document

- The prospective bidders may keep in touch with OGDCL web site for downloading the clarifications/amendments (if any) issued by OGDC
- BID VALIDITY: 120 DAYS AFTER TECHNICAL BID OPENING, DELIVERY LOCATION: DAKHNI PLANT, DELIVERY PERIOD: 03 MON' AFTER ISSUANCE OF LPO, PAYMENT TERM: 100% AFTER DELIVERY.

Discount (if any) shall only be entertained on Schedule of Requirement of Bidding Document (Financial Proposal). If the discount is mentione elsewhere in the bid, the same shall not be entertained.

TERMS OF REFERENCE (TOR)

FABRICATION & SUPPLY OF EXCHANGER GASKETS FOR DAKHNI PLANT

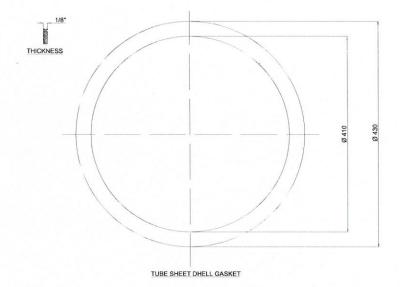
- 1. Bidder should strictly adhere to the specifications/ dimensions mentioned in the Schedule of requirement and drawings of exchanger gaskets.
- 2. The bidder/ supplier will provide the manufacturer details in its technical bid.

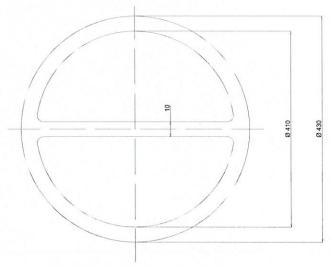
3. Gaskets Material

- i. Material: Soft Iron with Hardness (90 110 HB) (Test report to be provided with delivery)
- ii. Filler Material: Flexible graphite.
- iii. Minimum radius between ring and rib is 8~10 mm for soft iron as per standard.
- iv. Thickness 3.2 mm as per standard.
- v. Dimensions as per drawings
- 4. The manufacturer of Heat Exchanger Gaskets must have 10 years of experience in manufacturing of exchanger gaskets. Previous purchase order of supply of exchanger gaskets must be the part of the bid.
- 5. All gaskets supplied must be newly manufactured. Separate letter must be provided with the statement "All the supplied gasket are Brand New and Free from Defect. If any gasket found damaged at the time of inspection at Dakhni, bidder will replace within 10 days of inspection".
- 6. Packing must be made considering for long storage and remote area shipment.
- 7. Technical literature related to exchanger gaskets must be the part of the technical bid.
- 8. Delivery period: 03 months from the date of purchase order.
- 9. Bidder must confirm the complete compliance of above clauses of TOR and OGDCL Tender documents otherwise bid will not be evaluated.

DETAIL OF GASKETS EA-608 TYPE U TUBE AREA :- NGL

INDEX NO.		AVAIL QTY.	
	TUBE SHEET DHELL GASKET		REQ.QTY
	CHANNEL COVER GASKET		





CHANNEL COVER GASKET

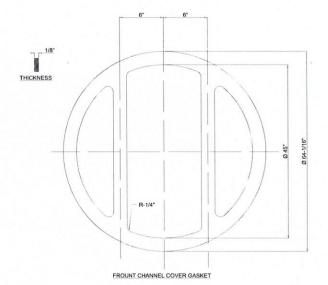
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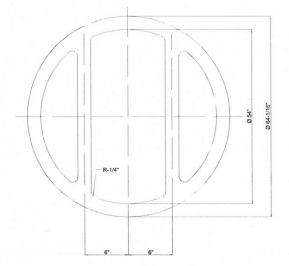
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DETAIL OF GASKETS E-702A/B/C TYPE U TUBE AREA :- SRU

INDEX NO.		AVAIL QTY.	
	TUBE SHEET DHELL GASKET		REQ.QTY
	CHANNEL COVER GASKET		





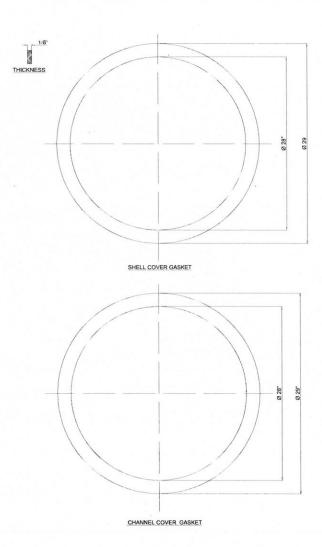
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DETAIL OF GASKETS E-703 / 704 TYPE I TUBE AREA :- SRU

INDEX NO.		AVAIL QTY.	
	SHELL COVER GASKET		REQ.QTY.
	CHANNEL COVER GASKET		



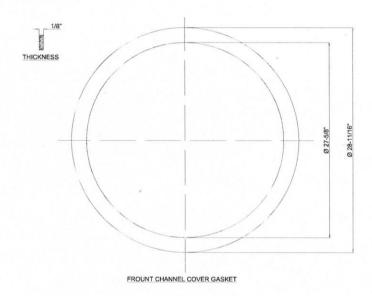
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DETAIL OF GASKETS E-705 TYPE I TUBE AREA :- SRU

INDEX NO.		AVAIL QTY.	
	FROUNT CHANNEL COVER GASKET		REQ.QTY.
	BACK CHANNEL COVER GASKET		



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BACK CHANNEL COVER GASKET

SV # 13

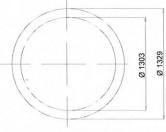
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DETAIL OF GASKETS EA-401A/B TYPE U TUBE AREA:- AMINE

INDEX NO.		AVAIL QTY.	
30-68-331	SHELL COVER GASKET		REQ.QTY
30-68-332	TUBE SHEET SHELL GASKET		
30-68-326	FLOATING HEAD GASKET		
30-68-325	TUBE SHEET CHANNEL GASKET		
30-68-325	CHANNEL COVER PLATE GASKET		

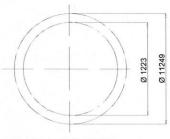
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SHELL COVER GASKET

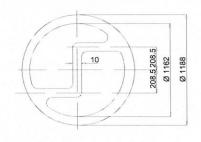
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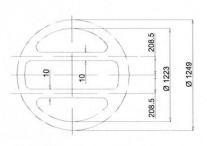


TUBE SHEET SHELL GASKET





FLOTING HEAD GASKET



TUBE SHEET CHANNEL GASKET



54#34

58#02

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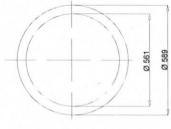
CHANNAL COVER PLATE GASKET

DETAIL OF GASKETS EA-201P(A/B) TYPE I TUBE AREA :- AMINE

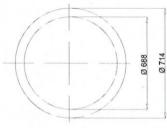
INDEX NO.		AVAIL QTY.	REQ.QTY.
	TUBE SHEET SHELL GASKET		
	TUBE SHEET SHELL GASKET		
	TUBE SHEET CHANNEL GASKET		
	FLOATING HEAD GASKET		
	CHANNAL COVER PLATE		25

S1# 33

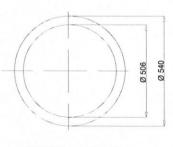
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TUBE SHEETSHELL GASKET







TURE SHEET CHANNEL HEAD GASKET

Ø 561

FLOATING HEAD GASKET

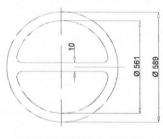
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Change the description to SHEEL COVER

GASKET EA 201 P

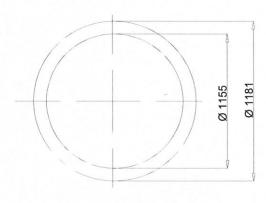
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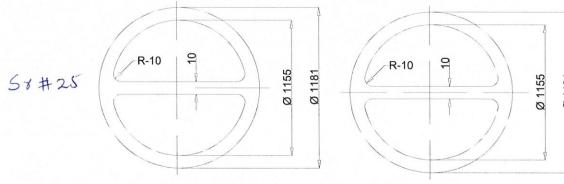
CHANNEL HEAD END PLATE GASKET

DETAIL OF GASKETS EA-402A/B TYPE U TUBE AREA:- AMINE

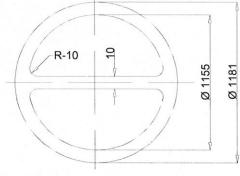
INDEX NO.		AVAIL QTY.	
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	TUBE SHEET CHANNEL HEAD		
	CHANNAL COVER PLATE		



TUBE SHEET SHELL GASKET



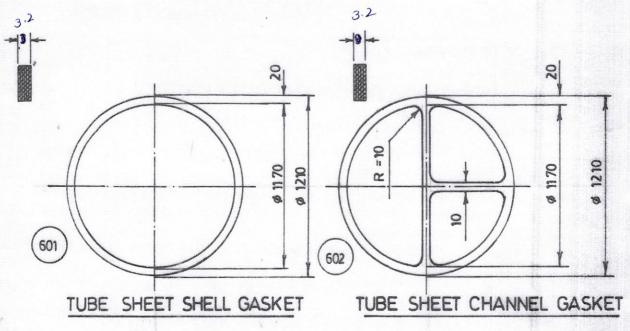
TUBE SHEET CHANNEL HEAD



CHANNAL COVER PLATE

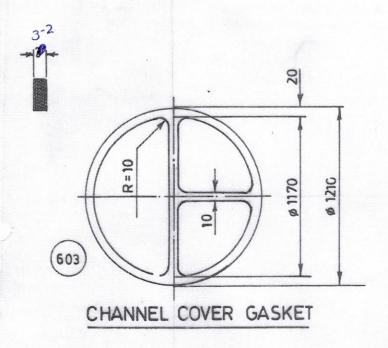
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ITEM NO EA - 403



58#35

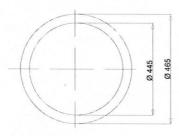
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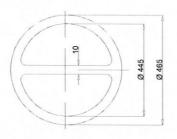
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DETAIL OF GASKETS EA-601P(A-D) TYPE I TUBE AREA : NGL

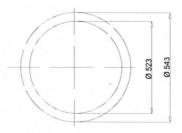
INDEX NO.		AVAIL QTY.	REQ.QTY.
	TUBE SHEET SHELL GASKET		
	TUBE SHEET SHELL GASKET		
	TUBE SHEET CHANNEL GASKET		
	FLOATING HEAD GASKET		
	CHANNAL COVER PLATE GASKET		



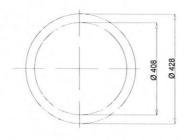
TUBE SHEETSHELL GASKET



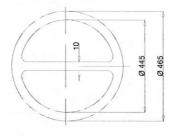
TUBE SHEET CHANNEL HEAD GASKET



TUBE SHEET SHELL GASKET



FLOATING HEAD GASKET



CHANNEL COVER PLATE GASKET

58# 22

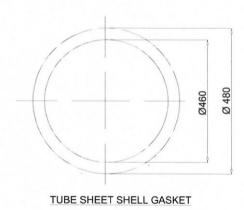
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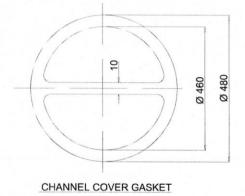
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DETAIL OF GASKETS EA-602 TYPE U TUBE AREA :- NGL

INDEX NO.		AVAIL QTY.	
	TUBE SHEET SHELL GASKET		REQ.QTY
30-68-528	CHANNEL COVER PLATE GASKET		



S8# 36

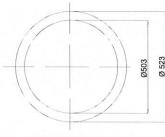


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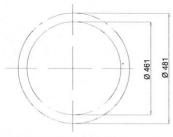
DETAIL OF GASKETS EA-603 TYPE I TUBE AREA :- NGL

INDEX NO.		AVAIL QTY.	
30-68-513	SHELL COVER GASKET		REQ.QTY.
	TUBE SHEET SHELL GASKET		
30-68-535	FLOATING HEAD GASKET		
	TUBE SHEET CHANNEL GASKET		
30-68-536	CHANNEL COVER PLATE GASKET		

56#19

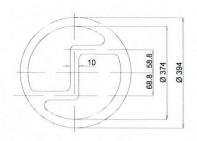


SHELL COVER GASKET

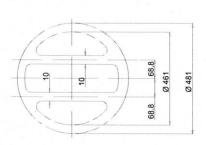


TUBE SHEET SHELL GASKET

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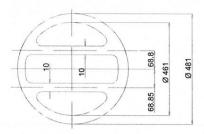


FLOTING HEAD GASKET



TUBE SHEET CHANNEL GASKET





CHANNAL COVER PLATE GASKET

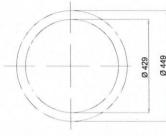
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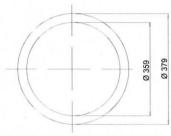
DETAIL OF GASKETS EA-604 TYPE I TUBE AREA :- NGL

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	FLOATING HEAD GASKET		
30-68-514	TUBE SHEET CHANNEL GASKET		
	CHANNEL COVER PLATE GASKET		

58# 20

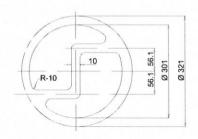


SHELL COVER GASKET

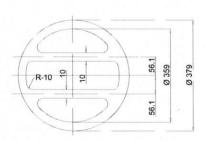


TUBE SHEET SHELL GASKET

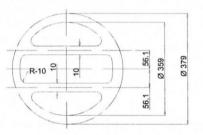
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FLOTING HEAD GASKET



TUBE SHEET CHANNEL GASKET



CHANNAL COVER PLATE GASKET



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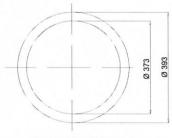
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Sx# 23

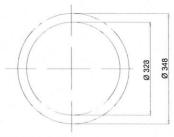
DETAIL OF GASKETS EA-611 TYPE I TUBE AREA :- NGL

INDEX NO.		AVAIL QTY.	
	SHELL COVER GASKET		REQ.QTY.
	TUBE SHEET SHELL GASKET		
	FLOATING HEAD GASKET		
	TUBE SHEET CHANNEL GASKET		
	CHANNEL COVER PLATE GASKET		

Sx#21

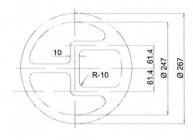


SHELL COVER GASKET

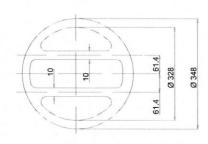


TUBE SHEET SHELL GASKET

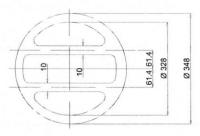
S8#06



FLOTING HEAD GASKET



TUBE SHEET CHANNEL GASKET



CHANNAL COVER PLATE GASKET

So# 24

S&# 32.

58# 24



'ROCUREMENT DEPARTMENT (LOC/ , ISLAMABAD SCHEDULE OF REQUIREMENT

Mandatory Checklist

Please confirm the compliance of the following mandatory information along with the bid(s) (failing which bids(s) will not be accepted)

Documents	To be Attached with the Technical/Financial Bids	Compliance	
Original Bid Bond	Technical Bid	Yes	No 🗀
Copy of NTN Certificate	Technical Bid	Yes	No
Copy of GST Certificate	Technical Bid	Yes	No 🗌
Confirmation that the Firm is appearing on FBR's Active Taxpayer List	Technical Bid	Yes	No 🗀
Duly signed and stamped Annexure-A (Un-priced)	Technical Bid	Yes	No 🗀
Duly filled, signed and stamped Annexure-B	Technical Bid	Yes	No 🗀
Duly filled, signed and stamped Annexure-D	Technical Bid	Yes	No .
Duly filled, signed and stamped Annexure-L on Company's Letterhead	Technical Bid	Yes	No []
Duly signed and stamped Annexure-M on Company's Letterhead	Technical Bid	Yes	No 🗀
Duly signed and stamped Annexure-N on Non-Judicial Stamp Paper duly attested by Notary Public	Technical Bid	Yes	No 🗀
Duly filled, signed and stamped Annexure-A (Priced)	Financial Bid	Yes	No 🗌
Duly filled, signed and stamped Annexure-C	Financial Bid	Yes	No 🗆
Duly filled, signed and stamped Annexure-E	Financial Bid	Yes	No 🗀



PROCUREMENT DEPARTMENT (LOC .), ISLAMABAD SCHEDULE OF REQUIREMENT

For the Vendors/Contractors who opt to submit Bank Draft/Call Deposit/Pay order against Bid Bond/Performance Bond, our Accounts Department has finalized an arrangement for online payment to such Vendors/Contractors, which will be processed through (IBFT & LFT) for which following information is required:

i.	IBAN No. (International Bank Account Number 24 Digits)	
ii.	Vendor Name as per Title of their Bank Account	
iii.	Contact No.of Company's CEO/ Owner (Mobile & Landline)	
iv.	Bank Name.	
v.	Bank Branch Name and Code	

Name, Sign and Stamp of the authorized official of the Bidder(s)