

# Punjab Alkalies & Chemicals Limited

Phone : 4072569 Grams: 'ALKALIES' Fax : 0172-2704797

CIN:L24119CH1975PLC003607 Website : [www.punjabalkalies.com](http://www.punjabalkalies.com)

Email : [rakeshkaura@punjabalkalies.com](mailto:rakeshkaura@punjabalkalies.com)

PACL/Materials/2017/11

Dated 10.08.2017

## RE: REQUEST FOR QUOTATION FOR;

1. **Machinery Breakdown Policy**
  - a. Unit-1.
  - b. Unit-II.
  - c. Unit -1 Mech (Without AMC).
  - d. Unit -1 Elect (Without AMC).
  - e. Unit -II (Without AMC).
2. **Electronics Equipment Insurance Policy**
  - a. Unit-1
  - b. Unit-II
3. **Boiler & Vessel Policy**
  - a. Unit-1
  - b. Unit-II
4. **Unit-II Machinery Breakdown Policy of PNFC**
5. **Machinery Breakdown Policy of Lab Equipment**
6. **Standard Fire & Special Perils Policy of PNFC**
7. **MBD Policy for HCL Synthesis Unit I & II**

Dear Sir,

Punjab Alkalies and Chemicals Ltd. (PACL) has two Industrial Units (100 TPD & 200 TPD) for the manufacturing of Caustic Soda, Chlorine Gas, Hydrochloric Acid, Sodium Hydrochloride. Both the units are situated at Nangal Una Road, Naya Nangal, Distt. Ropar, Punjab.

The above mentioned policies are due in the month of September 2017. The Claim Ratio since 2014-15 is as below;

2014-2015	Premium (Rs.484027)	Claim (nil)	Ratio 0 %
2015-2016	Premium (Rs.316000)	Claim (nil)	*Detail below
2016-2017	Premium (Rs.560000)	Claim (nil)	Ratio 0 %

\* In the existing policies due for renewal only one claim has been lodged in the year 15-16 marked below and is pending for settlement.

Please note that Each Policy should have separate detailed quote i.e with a mention of discount rate offered along with net rate charged in the summary (Refer enclosures). Gist is as below;

SUMMERY OF POLICIES DUE IN SEP 17			
Sr No	PARTICULARS	Amount(Rs.) in lacs	Claim in last three years
1	MBD UNIT-2	272.00	Nil
2	EEIP U-1	110.00	Nil

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3	EEIP U-2	103.17	Nil
4	BOILER- U-1	155.00	Nil
5	BOILER- U-2	105.00	Nil
6	EEIP LAB INSTRUMENTS	16.32	Nil
7	Control Panel U-2	14.91	Nil
8	Control Panel U-1	10.20	Nil
9	HCL SYSTHESIS UNIT U-1&2	240.00	Nil
10	PNFC MBD	58.00	Nil
11	PNFC FIRE	72.00	Nil
12	MBD U-1 (ELECT)	672.5	Nil
13	MBD U-1 ( MECH)	155.00	Claim of Rs.12.10 lacs agt 15-16 policy pending
	<b>TOTAL</b>	<b>1984.10</b>	

PACL reserves its right to accept or reject any tender at its own discretion without assigning any reasons thereof to the underwriter and its decision in this regard shall be final.

Please submit your proposal/tender in sealed envelope marked as "MBD, FIRE, EEIP & BOILER INSURANCE BID" latest by 17th August, 2017 at Punjab Alkalies & Chemicals Ltd., SCO 125-127, Sector 17 B, Chandigarh.

In case you require any further clarification, you may contact the undersigned.

Thanking you,

Yours faithfully,  
For Punjab Alkalies & Chemicals Ltd.

  
(M P S Rana)  
Executive Director (Mat & Fin)  
Encl : As above

SUMMARY OF POLICIES DUE IN SEPTEMBER-2017

Sr No	PARTICULARS	Amount(Rs.)
1	MBD UNIT-2	272.00
2	EEIP U-1	110.00
3	EEIP U-2	103.17
4	BOILER- U-1	105.00
5	BOILER- U-2	155.00
6	Control Panel U-1	10.20
7	EEIP LAB INSTRUMENTS	16.32
8	Control Panel U-2	14.91
9	HCL SYSTHESIS UNIT U-1&2	240.00
10	PNFC MBD	58.00
11	PNFC FIRE	72.00
12	MBD U-1 (ELECT)	672.5
13	MBD U-1 ( MECH)	155.00
	TOTAL	1984.10

Annexure  
Attached



EEI POLICY UNIT - I (03.09.2017 to 02.09.2018)							
Sr.No.	Name of Machinery (with AMC)	Qty. (Nos.)	Particulars	MAKE	SL.No.	Year of Mfg.	Sum insured Rs. Lacs
1	DCS	1	CS3000(Including operator stations,field control system and printer	YOKOGAWA	1	2005	100.00
2	UPS alongwith Auxiliaries	1	Micro Processor based 10 KVA, UPS complete with auxiliaries including batteries	1604-0001=ELENT	1	2016	10.00
	Total Sum Assured						110.00



<b>BOILER POLICY UNIT - I (03.09.2017 to 02.09.2018)</b>							
LK	Name of the Machinery	Qty. (Nos.)	Particulars	MAKE	SL.No.	Year of Mfg.	Sum insured Rs. Lacs
1	Boiler	1	Dual fired (oil and hydrogen) Capacity 5.8 tph, Working Pressure 13.5 Kg/CM2 (G) Testing Pressure 23.76 Kg/Cm2(inclusive of chimney)	THERMAX	LW-85	1994	100.00
			Third Party Liabilities on AOA basis				5.00
			Less Discount				105.00

BOILER POLICY UNIT - II (03.09.2017 to 02.09.2018)							
Sr.No.	Name of the Machinery	Qty. (Nos.)	Particulars	MAKE	SL.No.	Year of Mfg.	Sum insured Rs. Lacs
1	Boiler	1	Dual fired (oil & hydrogen) Boiler Capacity 12 TPA, Working Pressure= 12 Kg/CM2 (G) Design Pressure 13.5 Kg/Cm2(G), Testing Pressure 20.25 Kg/Cm2 (G)(inclusive of chimney)	Sterling Strips	RVLGO 12X12.0 Kg/Cm2	1998	150.00
			Third Party Liabilities on AOA basis				5.00
			Total disc				155.00



LIST OF INSTRUMENTATION (WITHOUT AMC) INSURED UNDER EE INSURANCE OF UNIT No. (03.09.2017 to 02.09.2018)					
Sr. No.	Particulars of item	Qty (Nos.)	Particulars	Year of Mfg.	Sum insured
1	Control Panel of N2 PSA Unit	1	Consisting of one No. S5-90 CPU (make Siemens) one No. Oxygen Analyser and accessories (adjusted premium)	1994	70000.00
2	Control Panel of Instrument Air Compressor	1	Consisting of one No. S5-90 U CPU (make Siemens) with expansion units and accessories (adjusted premium) and one No. Micrologix 1000 PLC	1994	40000.00
3	Control Panel of Chlorine Unloading air Compressor	1	Consisting of two Nos. Micrologix 1000 & 1400 PLC (make ABB) and accessories (adjusted premium)	2002	40000.00
4	Control Panel of DM Water Plant	1	Consisting of power supply, PID controllers, indicators and accessories (adjusted premium)	1994	250000.00
5	Control Panel of Thermax Boiler	1	Consisting of SLC 500 CPU (Make - Allen Bradely) I/O cards, expansion unit, power supply, flame scanner and accessories (adjusted premium)	1994	400000.00
6	Control Panel for Chilled Water Compressor	1	Consisting of Micrologic 1000 PLC (Make Allen Bradley) (adjusted premium)	2004	30000.00
7	Control Panel of vapour absorption machine	1	consisting of one s-7 PLC MAKE SIEMENS, IO CARD extented Unit, Local operator interface, current source, level swithes and accessories	2006	150000.00
8	Control Panel of unloading Ait Dirier	1	consistibg of six temprature controller , timer relays and accsorries	1994	40000.00
			Total		1020000.00
					10.20

EEIP POLICY FOR LAB (03.09.2017 to 02.09.2018)					
Sr.No.	Name of Machinery		Qty. (No s.)	Year of Mfg.	Current year Summ Assured
1	Mettler Electronic Balance AG 204	Imported (Mettler Toledo)	1	1998	125000.00
2	do- BS 204	Imported (Mettler Toledo)	1	2003	100000.00
3	Gas Chromatograph	Indigenous (Aimil Nucon)	1	1995	250000.00
4	Gas Chromatograph	Indigenous (Aimil Nucon)	1	1998	250000.00
5	PC for Gas Chromatograph-ZENITH	Indigenous (Microtek)	1	1995	25000.00
6	Metrohm Coulometer	Imported (Metrohm Germany)	1	1998	250000.00
7	Balance electrical	Indigeous (Saritarious)	1	2005	15000.00
8	DR 3900 Spectrophotometer	Imported (HACH)	1	2016	270000.00
9	Portable Fire Gas Analyser	Imported (Germany)	1	2016	277000.00
10	Electronic Balance ME204	Imported (Mettler)	1	2014	70000.00
			Total		1632000.00
					16.32

**LIST OF INSTRUMENTATION (WITHOUT AMC) INSURED UNDER EE INSURANCE OF UNIT No. II (03.09.2017 to 02.09.2018)**

Sr.No.	Particulars of item	Qty. (Nos.)	Particulars	Year of Mfg.	Sum insured Rs.
1	Control Panel of air compressor and chilled water compressor	2	Consisting of seven No. S5-90 U CPU with expansion unit and accessories	1998	110000.00
2A	Control Panel of HCL Furnace	1	Consisting of ONE No. GE FANUC PLC with expansion units and flame monitor, UPS (DB Electronics) and accessories.	1998	100000.00
2B	Control Panel of NEW HCL Furnace	1	Consisting of ALLEN BRADLEY) make PLC WITH WXPANSION UNITS AND FLAME MONITOR and other Accessories.	2007	200000.00
3	Control Panel of N2 PSA Unit	1	Consisting of one No. S5-90 U CPU (make Siemens) One no. oxygen analyse and accessories	1998	50000.00
4	Control Panel for Chilled Water Compressor No.4	1	Consisting of Micrologix 1000 PLC (Make Allen Bradley) and accessories	2003	45500.00
5	Control Panel of DM Water Plant	1	Consisting of S5-100 U CPU (Make Siemens)with power supply, I/O rack, 10's, auxiliary Power Supply, PID Controller Flame Scanner and accessories.	1998	425000.00
7	Control Panel of Sterling Boiler	1	Consisting of MICROLOGIX 1500 PLC and I/Os (ALLEN BRADLEY), Flame Scanner (DURAG), PID Controller, UPS ( D B Electronics) and other Accessories.	2005	450000.00
8	Programming controller PCs and printers	2	Consisting of:		60000.00
9	Control panelNew unloading compressor		Consisting of Allen Bradley make plc and another accessories		50000.00
			Total		1490500.00
					14.91

MACHINERY BREAKDOWN FOR HCL FURNACES INSTALLED IN U-1&11 (08.09.2017 to 07.09.2018)								
Sr No	particulars	Unit	make	Type	Capacity	Prod Concentr ation	Month/Ye ar of Comm	Sum Assured
1	HCL Synthesis unit complete including instrumentation and controls	Unit-1	Carbone Lorraine	SM18,22B locks,Burn erLANSI 150	40MTPD	33%	1995	120.00
2	HCL Synthesis unit complete including instrumentation and controls	Unit-2	Carbone Lorraine	USS Type,SM1 8A,22Bloc ks,L- Burner	40MTPD	33%	2007	120.00
								0.00
						TOTAL		240.00

<b>Calculation Schedule of MBD Policy for common facilities owned by PNFC (23.09.2017-22.09.2018)</b>				
	<b>Head</b>	<b>Detail Particulars</b>	<b>Year Of Mfr</b>	<b>Poposed sum assured Amount(Rs in lacs)</b>
A.	11KV Substation Including			
		a)NGEF make Transgormer No.4, 11/0.433kv,2000 KVA, Sr.Mo.2800039073	1983	20.00
B.	Raw Water Pump			
		a) Raw Water pumps set(PCIC) 1 Nos/ Motor rating 125 KW,Make:NGEF,Sr. No.12617501,Pump kirloskar,Type; Split casing,Flow:1710m3/hr	1983	7.00
		a) Raw Water pumps set(PCIR) 1 Nos/ Motor rating 125 KW,Make:NGEF,Sr. No.12617500,Pump kirloskar,Type; Split casing,Flow:1710m3/hr	1983	7.00
		a)NGEF make Transgormer No.1, 11/0.433kv,1000 KVA, Sr.Mo.2800039062	1983	12.00
		a)NGEF make Transgormer No.2, 11/0.433kv,1000 KVA, Sr.Mo.2800039061	1983	12.00
		<b>Total</b>		<b>58.00</b>

<b>Calculation Schedule of Standard Fire &amp; Special Peril Policy for common facilities owned by PNFC (23.09.2017-22.09.2018)</b>			
			<b>proposed sum assured Amount(R s in lacs)</b>
A.	11KV Substation Including	e)NGEF makeTransformer No.4,11/0, 433 KV 2000KVA, Sr. No 2800039073	12.00
B.	Water pump sets at Raw Water reservoir each with 45(KW) Motor-2sets		
C.	Raw Water Pump House comprising	a) 11 KV HT Panel	50.00
		b) L&T make 415 Motor Control Centre(LT Panel)	
		c) Raw Water Pump Motor set 2 Nos. Motor rating 125 KW,Pump Cap.1710m3/hr	
		d)NGEF make Transformer No.1 1000 KVA 11/0433 KV,Sr.No.2800039062	
		e)NGEF make Transformer No.2 1000 KVA 11/0433 KV,Sr.No.2800039061	
		f) Battery charger panel	
D	Raw Water Pumps	a) 2 Nos. Make Microfinish model 1995 installed at PNFC Water Storage	10.00
		<b>Total</b>	<b>72.00</b>

MBD POLICY UNIT - I (03.09.2017 to 02.09.2018)									elect equip-1
Sr.No.	Name of the Machinery	Qty. (Nos.)	Particulars	MAKE	SL.No.	Year Mfg.	of Sum insured Rs. Lacs		
1a	Rectifier Transformer	1	10.383 MVA, Primary Voltage 11,000, Secondary Rating 2x7340, Cooling OFWF, Secondary Voltage 307.92 to 384.9 Oil 9240 Kgs/10500 Ltrs.	EMCO	HT-1304/ 11520A	1994	300.00	300.00	
1b	Rectifier Cubicles Silicon Base	1	Rectifier Type: Thyristor, Rated 22KA, 365 VDC	ABB	HCR/ W010	1994			
1c	Rectifier Control Panels	1	Type PLC Controls, DC Metering and other Electric controls	ABB	HCR/ 010	1994			
2a	Rectifier Transformer	1	10.383 MVA, Primary Voltage 11,000, Secondary Rating 2x7340, Cooling OFWF, Secondary Voltage 307.92 to 384.9 Oil 9240 Kgs/10500 Ltrs.	EMCO	HT-1304/ 11520B	1994	300.00	300.00	
2b	Rectifier Cubicles	1	Rectifier Type: Thyristor, Rated 22KA, 365 VDC	ABB		1994			
2c	Rectifier Control Panels	1	Type PLC Controls, DC Metering and other Electric controls	ABB		1994			
2d	Totalizer Panel	1	DC Metering and Selder Accessories	DYNAMP	AO 6	1994	7.00	7.00	
3a	AC Induction Motors	2	110 KW 1435 RPM Frame Size 3145 S	Siemens	N8/ 199398 & N8/ 199399	1994	6.00	6.00	
4a	AC Induction Motors	2	160 KW 985 RPM Frame Size 315 L	Siemens	N8/ 198156 & NB	1994	8.00	8.00	
5b	AC Induction Motors	2	110 KW 985 RPM Frame Size 315 L	Siemens	N8/ 198156 & NB	1994	6.00	6.00	
	AC Induction Motors	1	110 KW 985 RPM Frame Size 315 L	Siemens	N8/ 198156 & NB	1994	3.00	3.00	
6a	AC Induction Motors	2	55 KW 1475 RPM Frame Size 250M	Siemens	N8/ 198063 & NB	1994	2.50	2.50	
7	Auxiliary Transformer	2	2.2 MVA 11000/ 433V		3226/1 & 3226/2	1994	40.00	40.00	
			<b>TOTAL</b>				<b>672.50</b>	<b>672.50</b>	

MBD POLICY UNIT - I (03.09.2017 to 02.09.2018)								mech equip-1
Sr.No.	Name of the Machinery	Qty. (Nos.)	Particulars	MAKE	SL.No.	Year of Mfg.	Sum Insured Rs. Lacs	
3	Chilled Water Compressor	2	Capacity 100 TR, KW= 110, Type KC 4 (DP 10 Kg/Cm2)	Kirloskar	KC 4	1994	15.00	15.00
4	CL2 Liquification Compressor	2	Capacity 90 TR, Type KC 9 (DP 16Kg/Cm2)	Kirloskar	KC 9	1994	18.00	18.00
5	Chlorine Compressor	2	Capacity 50 TR, Type C-150-4N (DP 400 KPA)	Garo/TNT	C-150-4N	1994	20.00	20.00
		1	Capacity 50 TR, Type C-150-4N (DP 400 KPA)	charam tech	C-150-4N	2013	20.00	20.00
6	Unloading Air Compressor	2	Type TBTD LH	Kirloskar	AJ 0412 & AJ 04	1994	10.00	10.00
8	Decanter	2	Model p-3000,type 3150	pennwalt	p-3000/com- 1-95-p3000-81&83	1995	40.00	40.00
9	bucket elevator	2	consistig structure boxes conveyor belt,roller drums gear box and electric motor	indiana/Mlwa	capacity 29 tph		20.00	20.00
10	Instment Air Compressor	2	TBTDLM	KIRLOS KAR		1994	12.00	12.00
			<b>TOTAL</b>				<b>155.00</b>	<b>155.00</b>