National Electric Power Regulatory Authority

Islamic Republic of Pakistan

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Ph: 9207200, 9205225 Fax : 9210215
E-mail: registrar@nepra.org.pk

Registrar

No. NEPRA/TRF-119/PPBQL-2008/614-16
October 28, 2008

Subject: **Approval of Generation Tariff of Progas Power Bin Qasim Ltd. for its 345 MW (Gross ISO) Power Project in the Vicinity of Port Qasim, Karachi, Sindh, in accordance with Section 1.10 of the Tariff Guidelines of November 2005 for Determination of Tariff for IPPs (Case No. NEPRA/TRF-119/PPBQL-2008)**

Dear Sir,

Please find enclosed the subject decision of the Authority along with Annex-I, II & III (13 pages) in Case No. NEPRA/TRF-19/PPBQL-2008.

2. The decision is being intimated to the Federal Government for the purpose of notification of the approved tariff in the official Gazette pursuant to Section 31(4) of the Regulation of Generation, Transmission and Distribution of Electric Power Act (XL of 1997).

Enclosure: As above

28-10-08
(Mahjoob Ahmad Mirza)

The Secretary
Cabinet Division
Government of Pakistan
Cabinet Secretariat
Islamabad

NATIONAL ELECTRIC POWER REGULATORY AUTHORITY
NEPRA AUTHORITY

CC: 1. Secretary, Ministry of Water & Power, Islamabad.
2. Secretary, Ministry of Finance, Islamabad.

APPROVAL OF GENERATION TARIFF OF PROGAS POWER BIN QASIM LTD. (PPBQL) FOR ITS 345 MW (GROSS ISO) POWER PROJECT IN THE VICINITY OF PORT QASIM KARACHI IN ACCORDANCE WITH SECTION 1.10 OF THE TARIFF GUIDELINES OF NOVEMBER 2005 FOR DETERMINATION OF TARIFF FOR IPPS

Progas Power Bin Qasim Limited (PPBQL) vide letter No. nil dated 09.10.2008 has applied to NEPRA for approval of tariff for its 345 MW (Gross ISO) and 305 MW Net Capacity in Combined Cycle Power Plant to be located in the vicinity of Port Qasim, Karachi. The PPBQL was declared successful bidder consequent to the Competitive Bidding carried out under the Government of Pakistan (GoP) policy on Fast Track Power Generation Projects. Economic Coordination Committee (ECC) vide its decision ECC-146/14/2008 dated September 10, 2008 declared the Progas as a qualified bidder. Accordingly, PPIB vide letter No. 1(102)PPIB-2027-13/08/PRJ dated September 12, 2008 informed Progas Energy Ltd., the qualified bidder to approach NEPRA for approval of tariff. ECC in its decision [para 12(iii)] advised NEPRA to approve the tariff along with assumptions and adjustment in accordance with the GoP guidelines of November 2005 for determination of tariff for IPPs.

2. The Authority considers that the bidding process has been carried out by PPIB, agency of the GOP, working under the supervision of the Ministry of Water & Power for attracting and facilitating investment in power generation. The rate has been arrived through a competitive bidding and has been approved by the ECC vide its decision ECC-146/14/2008 dated September 10, 2008.

3. In view of the above the Authority hereby allows the applicant to charge the tariff according to Assumptions and Terms and Conditions Annex-I, II & III as approved by the Government of Pakistan read with Sub-para v of Para 12 of the Summary of Fast Track Power Generation Projects Through International Competitive Bidding which is reproduced as under:

> *"In case any of the approved projects under Package A & B fail to achieve crucial milestones as per agreements towards timely project implementation, then the project be immediately cancelled with penalties. The deficit power generation capacity be then expeditiously arranged through addition of IPP/Rental Power Projects both solicited and unsolicited on fast track basis."*

21/10/08
Nasiruddin Ahmed
Member

Maqbool Ahmad Khawaja
Member

Zafar Ali Khan
Member/Vice Chairman
21/10/08

Khalid Saeed
Chairman

NATIONAL ELECTRIC POWER REGULATORY AUTHORITY
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Annex-I

PROGAS POWER BIN QASIM LIMITED

Adjusted Reference Tariff Table for Combined Cycle Operation on LPG upon COD

(After application of Foreign Currency Exchange Rate Multipliers)

Used for Evaluation/Ranking of Bids

TARIFF TABLE - NERPA

Estimated Dependable Capacity:	Mega Wat	305.00
Plant Factor:		60%
Units at given Plant Factor	000s kWh	16,031

Year	Energy Purchase Price- EPP (Rs./kWh)					Capacity Purchase Price-CPP (Rs./kW/hr)													Capacity Charge at 60% PF Rs./kWh	Total Tariff	
		Variable O & M				Escalable					Non - Escalable										
	Fuel	Local O & M	Foreign O & M	Total O & M	Total	Total Fixed	Fixed O & M Local	Fixed O & M Foreign	Insurance	Total	FC on WC	ROE	ROE Cons. Prd.	WHT @ 7.5%	Loan Repaymen	Interest Charges	Total	Total CPP		Rs./kWh	Cents/kWh
1	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6831	0.6861	1.7735	2.0505	3.4174	10.2211	15.8222
2	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6989	0.6274	1.7306	2.0075	3.3459	10.1496	15.7115
3	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7153	0.5664	1.6859	1.9629	3.2716	10.0752	15.5964
4	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7322	0.5030	1.6395	1.9165	3.1942	9.9979	15.4766
5	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7498	0.4371	1.5912	1.8682	3.1136	9.9173	15.3519
6	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7681	0.3684	1.5408	1.8178	3.0296	9.8333	15.2218
7	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7870	0.2969	1.4882	1.7652	2.9419	9.7456	15.0861
8	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.8067	0.2223	1.4332	1.7102	2.8504	9.6541	14.9444
9	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.8271	0.1445	1.3758	1.6528	2.7547	9.5584	14.7963
10	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.8482	0.0633	1.3158	1.5928	2.6546	9.4583	14.6413
11	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
12	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
13	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
14	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
15	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
16	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
17	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
18	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
19	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
20	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
21	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
22	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
23	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
24	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
25	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
Levelized Tariff	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.5060	0.3010	1.2113	1.4883	2.4805	9.2842	14.3719
Average 1 - 10	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7616	0.3915	1.5574	1.8344	3.0574	9.8611	15.2648
Average 11-25	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	#DIV/0!	#DIV/0!	0.4043	0.6813	1.1354	7.9391	12.2897
Average 1-25	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.7616	0.3915	0.8655	1.1425	1.9042	8.7079	13.4797
NPV	58.74	0.6031	2.4123	3.02	61.76	1.62	0.4872	1.1368	0.89	2.51	0.65	2.67	0.13	0.22	4.59	2.73	11.00	13.51	22.52	84.27	130.45
Discount Rate	10.00%																				
USD Rate:	64.6000																				

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Annex-I

PROGAS POWER BIN QASIM LIMITED
Reference Tariff Table for Open Cycle Operation on LPG

Estimated Dependable Capacity:	Mega Wat	210.00
Plant Factor:		60%
Units at given Plant Factor	000s kWh	11,038

	Energy Purchase Price- EPP (Rs./kWh)					Capacity Purchase Price-CPP (Rs./kW/hr)													Capacity Charge at 60% PF	Total Tariff	
		Variable O&M				Escalable					Non - Escalable										
						Fixed O & M															
Year	Fuel	Local O & M	Foreign O & M	Total O & M	Total	Total Fixed	Local	Foreign	Insurance	Total	FC on WC	ROE	ROE Cons. Prd.	WHT @ 7.5%	Loan Repaymen	Interest Charges	Total	Total CPP	Rs./kWh	Rs./kWh	Cents/kWh
1	9.0322	0.0664	0.2658	0.3322	9.3644	0.1931	0.0579	0.1352	0.1137	0.3069	0.0998	0.1706	0.0057	0.0138			0.2899	0.5968	0.9947	10.36	16.035

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Annex-I

PROGAS POWER BIN QASIM LIMITED

Reference Tariff Table for Open Cycle Operation on Gas

Estimated Dependable Capacity	Mega Watts	210.00
Plant Factor		60%
Units at given Plant Factor	000s kWh	11,038

	Energy Purchase Price- EPP (Rs./kWh)					Capacity Purchase Price-CPP (Rs./kW/hr)													Capacity Charge at 60% PF	Total Tariff	
		Variable O&M				Escalable					Non - Escalable										
						Fixed O & M															
Year	Fuel	Local O & M	Foreign O & M	Total O & M	Total	Total Fixed	Local	Foreign	Insurance	Total	FC on WC	ROE	ROE Cons. Prd.	WHT @ 7.5%	Loan Repayment	Interest Charges	Total	Total CPP	Rs./kWh	Rs./kWh	Cents/kWh
1	2.6814	0.0664	0.2658	0.3322	3.0136	0.1580	0.0474	0.1106	0.1137	0.2718	0.0296	0.1706	0.0057	0.0138			0.2198	0.4915	0.8192	3.83	5.93

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Annex-I

PROGAS POWER BIN QASIM LIMITED
Reference Tariff Table for Combined Cycle Operation on LPG upon COD
(Before application of Foreign Currency Exchange Rate Multipliers)

Estimated Dependable Capacity	Mega Watts	305.00
Plant Factor		60%
Units at given Plant Factor	000s kWh	16,031

	Energy Purchase Price- EPP (Rs./kWh)					Capacity Purchase Price-CPP (Rs./kW/hr)													Capacity Charge at 60% PF	Total Tariff	
		Variable O & M				Escalable					Non - Escalable										
Year	Fuel	Local O & M	Foreign O & M	Total O & M	Total	Total Fixed	Fixed O & M Local	Fixed O & M Foreign	Insurance	Total	FC on WC	ROE	ROE Cons. Prd.	WHT @ 7.5%	Loan Repayment	Interest Charges	Total	Total CPP	Rs./kWh	Rs./kWh	Cents/kWh
1	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.6619	1.7199	1.9969	3.3282	10.1319	15.6840
2	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.5940	1.6520	1.9290	3.2150	10.0187	15.5089
3	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.5261	1.5842	1.8611	3.1019	9.9056	15.3337
4	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.4582	1.5163	1.7933	2.9888	9.7925	15.1586
5	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.3903	1.4484	1.7254	2.8756	9.6793	14.9835
6	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.3224	1.3805	1.6575	2.7625	9.5662	14.8083
7	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.2546	1.3126	1.5896	2.6494	9.4530	14.6332
8	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.1867	1.2447	1.5217	2.5362	9.3399	14.4581
9	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.1188	1.1769	1.4538	2.4231	9.2268	14.2829
10	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.0509	1.1090	1.3860	2.3099	9.1136	14.1078
11	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
12	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
13	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
14	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
15	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
16	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
17	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
18	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
19	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
20	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
21	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
22	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
23	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
24	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
25	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239			0.4043	0.6813	1.1354	7.9391	12.2897
Levelized Tariff	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.4426	0.2768	1.1237	1.4007	2.3345	9.1382	**14.1457**
Average 1 - 10	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.3564	1.4144	1.6914	2.8191	9.6227	14.8959
Average 11-25	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	#DIV/0!	#DIV/0!	0.4043	0.6813	1.1354	7.9391	12.2897
Average 1-25	6.4715	0.0664	0.2658	0.3322	6.8037	0.1789	0.0537	0.1252	0.0981	0.2770	0.0715	0.2942	0.0147	0.0239	0.6538	0.3564	0.8083	1.0853	1.8089	8.6126	13.3322
NPV	58.74	0.6031	2.4123	3.02	61.76	1.62	0.4872	1.1368	0.89	2.51	0.65	2.67	0.13	0.22	4.02	2.51	10.20	12.71	21.19	82.95	128.40
Discount Rate	10.00%																				
USD Rate	64.6000																				

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Annex-I

PROGAS POWER BIN QASIM LIMITED

Reference Tariff Table for Combined Cycle Operation on Gas upon COD

. (Before application of Foreign Currency Exchange Rate Multipliers)

Estimated Dependable Capacity:	Mega Watts	305.00
Plant Factor		60%
Units at given Plant Factor	000s kWh	16,031

	Energy Purchase Price- EPP (Rs./kWh)					Capacity Purchase Price-CPP (Rs./kW/hr)													Capacity	Total Tariff	
		Variable O & M				Escalable					Non - Escalable								Charge		
Year	Fuel	Local O & M	Foreign O & M	Total O & M	Total	Total Fixed	Fixed O & M Local	Foreign	Insurance	Total	FC on WC	ROE	ROE Cons. Prd.	WHT @ 7.5%	Loan Repayment	Interest Charges	Total	Total CPP	at 60% PF Rs./kWh	Rs./kWh	Cents/kWh
1	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.6619	1.6696	1.9249	3.2081	5.4438	8.4269
2	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.5940	1.6018	1.8570	3.0950	5.3306	8.2518
3	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.5261	1.5339	1.7891	2.9818	5.2175	8.0766
4	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.4582	1.4660	1.7212	2.8687	5.1044	7.9015
5	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.3903	1.3981	1.6533	2.7556	4.9912	7.7264
6	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.3224	1.3302	1.5855	2.6424	4.8781	7.5512
7	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.2546	1.2623	1.5176	2.5293	4.7650	7.3761
8	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.1867	1.1945	1.4497	2.4161	4.6518	7.2010
9	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.1188	1.1266	1.3818	2.3030	4.5387	7.0258
10	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.0509	1.0587	1.3139	2.1899	4.4255	6.8507
11	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
12	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
13	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
14	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
15	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
16	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
17	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
18	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
19	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
20	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
21	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
22	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
23	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
24	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
25	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
Levelized Tariff	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.4426	0.2768	1.0734	1.3286	2.2144	4.4501	6.8887
Average 1 - 10	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.3564	1.3642	1.6194	2.6990	4.9347	7.6388
Average 11-25	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	#DIV/0!	#DIV/0!	0.3540	0.6092	1.0154	3.2511	5.0326
Average 1-25	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6538	0.3564	0.7581	1.0133	1.6888	3.9245	6.0751
NPV	17.44	0.5709	2.2838	2.85	20.29	1.43	0.4280	0.9986	0.89	2.32	0.19	2.67	0.13	0.22	4.02	2.51	9.74	12.06	20.10	40.39	62.53
Discount Rate	10.00%																				
USD Rate:	64.6000																				

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Annex-I

PROGAS POWER BIN QASIM LIMITED

Adjusted Reference Tariff Table for Combined Cycle Operation on Gas upon COD
(After application of Foreign Currency Exchange Rate Multipliers).
Used for Evaluation/Ranking of Bids

Estimated Dependable Capacity	Mega Watts	305.00
Plant Factor		60%
Units at given Plant Factor	000s kWh	16,031

	Energy Purchase Price- EPP (Rs./kWh)					Capacity Purchase Price-CPP (Rs./kW/hr)													Capacity Charge	Total Tariff	
		Variable O & M				Escalable					Non - Escalable										
							Fixed O & M														
Year	Fuel	Local O & M	Foreign O & M	Total O & M	Total	Total Fixed	Local	Foreign	Insurance	Total	FC on WC	ROE	ROE Cons. Prd.	WHT @ 7.5%	Loan Repayment	Interest Charges	Total	Total CPP	at 60% PF Rs./kWh	Rs./kWh	Cents/kWh
1	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6831	0.6861	1.7232	1.9784	3.2974	5.5330	8.5651
2	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.6989	0.6274	1.6803	1.9355	3.2258	5.4615	8.4544
3	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7153	0.5664	1.6357	1.8909	3.1515	5.3872	8.3393
4	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7322	0.5030	1.5892	1.8445	3.0741	5.3098	8.2195
5	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7498	0.4371	1.5409	1.7961	2.9935	5.2292	8.0948
6	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7681	0.3684	1.4905	1.7457	2.9095	5.1452	7.9647
7	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7870	0.2969	1.4379	1.6931	2.8219	5.0575	7.8290
8	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.8067	0.2223	1.3830	1.6382	2.7303	4.9660	7.6873
9	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.8271	0.1445	1.3255	1.5808	2.6346	4.8703	7.5392
10	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.8482	0.0633	1.2655	1.5207	2.5345	4.7702	7.3842
11	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
12	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
13	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
14	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
15	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
16	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
17	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
18	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
19	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
20	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
21	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
22	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
23	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
24	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
25	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239			0.3540	0.6092	1.0154	3.2511	5.0326
Levelized Tariff	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.5060	0.3010	1.1610	1.4163	2.3605	4.5961	**7.1148**
Average 1 - 10	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7616	0.3915	1.5072	1.7624	2.9373	5.1730	8.0077
Average 11-25	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	#DIV/0!	#DIV/0!	0.3540	0.6092	1.0154	3.2511	5.0326
Average 1-25	1.9212	0.0629	0.2516	0.3145	2.2357	0.1572	0.0471	0.1100	0.0981	0.2552	0.0212	0.2942	0.0147	0.0239	0.7616	0.3915	0.8153	1.0705	1.7842	4.0198	6.2226
NPV	17.44	0.5709	2.2838	2.85	20.29	1.43	0.4280	0.9986	0.89	2.32	0.19	2.67	0.13	0.22	4.59	2.73	10.54	12.86	21.43	41.72	64.58
Discount Rate	10.00%																				
USD Rate:	64.6000																				

Annex-II

TARIFF ASSUMPTIONS AND ADJUSTMENTS FOR IPPS

A. One Time Adjustments at COD

1. Adjustment in EPC Cost:

The tariff tables as provided by the bidders are quoted in Pak Rupees based on Exchange Rates provided in the RFP issued by PPIB, which are given below for reference:

1.0 US$ =	PKR 64.60
1.0 EURO =	PKR 100.57
1.0 Pound Sterling =	PKR 127.15
1.0 Japanese Yen =	PKR 0.6206

The bidders have quoted EPC Prices in specific currencies in their bids. As the exact timing of payments to EPC contractor is not known at the time of bidding, and both the disbursement schedule and exchange rates may vary during the project implementation period, an adjustment for relevant foreign currency fluctuation for the portion of payment in the relevant foreign currency will be made. The sponsors will be required to provide all relevant details along with documentary evidences to NEPRA for the adjustments.

The following tariff components will be adjusted at COD due to the aforementioned EPC Cost variations;

i. Insurance Adjustment Mechanism for EPC Cost Variation:

One time adjustment at time of COD will be made in the Insurance Component of the tariff due to EPC Cost variation. The Insurance Component of tariff as per original tariff bid will be divided with the original EPC Cost in PKR and multiplied by adjusted EPC Cost in PKR.

ii. Return on Equity Adjustment Mechanism for EPC Cost Variation:

One time adjustment at time of COD will be made in the Return on Equity (ROE) Component of the tariff due to EPC Cost Variation. The ROE Component (in PKR) of tariff as per original tariff bid will be divided with the original Equity amount in PKR and multiplied by revised amount of Equity in PKR.

iii. ROEDC Adjustment Mechanism for EPC Cost Variation:

One time adjustment at time of COD will be made in the ROEDC Component of the tariff due to EPC Cost Variation. The ROEDC Component (in PKR) of tariff as per original tariff bid will be divided with the original amount of Equity During Construction in PKR and multiplied by revised amount of Equity During Construction in PKR.

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iv. Debt Servicing Adjustment Mechanism for EPC Cost Variation

One time adjustment at time of COD will be made in the Debt Servicing Component of the tariff due to EPC Cost variation. The Debt Servicing Component of tariff as per original tariff bid will be divided with the original amount of Debt in PKR given in the disbursement schedule by the bidders and multiplied by revised amount of Debt in PKR i.e. (Revised amount of Debt in the Project Cost after incorporating the adjustments of currency fluctuations).

2. Adjustment Based on Actual Interest During Construction:

Debt Service, Return on Equity and ROE During Construction component of the tariff will be adjusted on account of variation in actual draw down and Interest During Construction due to variations in KIBOR/LIBOR/Other Interest Rates Benchmarks (as applicable) with reference to the estimated figures provided in the bids.

3. Adjustment due to Custom Duties and Taxes:

The RFP permits Bidders to include custom duties and taxes on import of plant and equipment not manufactu red in Pakistan at the rate of 5% in the Project Cost. In case custom duties & taxes change from 5% as specified in the RFP, the Debt Service, Return on Equity and ROE During Construction will be adjusted on a prorata basis on account of any variation in custom duties & taxes with reference to the estimated figures as provided in the respective bids, on provision of documentary evidence to NEPRA at COD.

B. Pass-through Items

1. No provision for income tax has been accounted for in the tariff at the time of bidding. If Bidders are obligated to pay any tax on its profits, the exact amount paid by the Bidders may be reimbursed by Power Purchaser to Bidders on production of original receipts. This payment may be considered as pass-through (as Rs./kW/hour) hourly payment spread over a 12 months period in addition to the capacity purchase price proposed in Reference Tariff. Furthermore, in such a scenario, Bidders may also submit to Power Purchaser details of any tax shield savings and Power Purchaser will deduct the amount of these savings from its payment to Bidders on account of taxation.

2. Withholding tax on dividend is also a pass through item just like other taxes as indicated in the government guidelines for determination of tariff for new IPPs. In reference tariff table withholding tax number is indicated as reference and Power Purchaser shall make payment on account of withholding tax at time of actual payment of dividend subject to maximum 7.5 of 15% reference equity as approved by NEPRA at COD i.e. hourly payment (Rs./kW/hour) spread over 12 month.

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3. In case bidders do not declare a dividend in a particular year or only declares a partial dividend, then the difference in the withholding tax amount (between what is paid in that year and the total entitlements as per the 15%, Return on Equit),) would be carried forward and accumulated so that the bidders are able to recover the same in hourly payments spread over 12 months period as a pass through from the Power Purchaser in future on the basis of the total dividend pay out.

C. Indexations:

I. Fuel Cost Component:

The Fuel Cost Component for RFO/Gas based projects will be adjusted according to the mechanism already approved by NEPRA for RFO/Gas based Power Plants. The tariffs are based on following assumptions;

i. Reference Fuel Price for RFO = Rs. 22,140 per metric ton ex-Karachi without transportation charges and sales tax.

ii. Reference Freight Charges for RFO = Rs. 2,350 per metric ton

iii. Reference LHV Calorific Value of RFO=38,849.5 Btu per kg

iv. Reference HHV-LHV conversion factor for RFO = 1.05

v. Reference Fuel Price for Gas on HHV basis = Rs. 240.9185 per MMBTU.

vi. Reference HHV-LHV conversion factor for gas = 1.107553

For LPG based Projects, the tariffs are based on following assumptions;

i. Reference Fuel Price for LPG = Rs. 34,571 per metric ton without transportation charges and sales tax, which is based on the Maximum Base-Stock Price of LPG notified by OGRA on June 02, 2007 using FOB Saudi ARAMCO Contract Price for 40% Propane at US$ 560 per metric ton and 60% Butane at US$ 575 per metric ton converted to Pak Rs. at exchange rate of 1 US$ = Rs. 60.7570.

ii. Reference Freight and Carriage, Port Charges, Royalty, OMC Commission, Terminal Charges, others, etc. for LPG = Rs. 5,491 per metric ton (US$ 85 per Metric Ton converted at exchange rate of 1US$=Rs. 64.6)

iii. Reference LHV Calorific Value of LPG for Cavalier Energy = 43,606 Btu per kg

iv. Reference LHV Calorific Value of LPG for Progass Energy = 44,500 Btu per kg

Note: For LPG, Cavalier in their bid quoted CV (LHV) of 4.3,606 Btu/kg and Progas quoted 44,500 Btu/kg. For the purposes of evaluation and ranking a common CV (LHV) of 43,606 Btu/kg (which is in line with international standards) has been used. However the tariff tables are based on the CV values as committed by the bidder for approval by NEPRA.

As there is no LPG based Power Plant operating in Pakistan and the price of imported LPG is not regulated by GOP, the mechanism for LPG pricing and its indexation world require to he

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developed in consultation with Ministry of Petroleum and Natural Resources, while finalizing the Power Purchase Agreement.

2. Variable O&M:

The Foreign Currency Portion of Variable O&M Component will be indexed for the followings.

i. Exchange Rates variation of US$ to Pak Rupees using Rs. 64.60 as reference rate.
ii. Changes in US CPI using 30th April 2008 as the base date.

The Local Currency Portion of Variable O&M Component will be indexed for Pakistan WPI using 30th April 2008 as the base date.

The quarterly adjustment for local inflation, foreign inflation and exchange rate variation will be made on 1st July, 1st October, 1st January and 1st April based on the latest available information with respect to WPI notified by the Federal Bureau of Statistics (FBS), US CPI issued by US Bureau of Labor Statistics and revised TT & OD selling rate of US Dollar notified by the National Bank of Pakistan.

3. Fixed O&M:

The Foreign Currency Portion of Fixed O&M Component will be indexed for the followings.

iii. Exchange Rates variation of US$ to Pak Rupees using Rs. 64.60 as reference rate.
iv. Changes in US CPI using 30th April 2008 as the base date.

The Local Currency Portion of Fixed O&M Component will be indexed for Pakistan WPI using 30th April2008 as the base date.

The quarterly adjustment for local inflation, foreign inflation and exchange rate variation will be made on 1st July, 1st October, 1st January and 1st April based on the latest available information with respect to WPI notified by the Federal Bureau of Statistics (FBS), US CPI issued by US Bureau of Labor Statistics and revised TT & OD selling rate of US Dollar notified by the National Bank of Pakistan.

4. Principal Repayment:

Principal Repayment (only for Foreign Currency Loan) will be adjusted on account of exchange rate variations of Pak Rupee to one of the relevant foreign currencies i.e. US$, Euro, £, ¥.

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5. Adjustment for KIBOR and LIBOR Variation

a. Local Currency Loan:

Interest /Mark-up Payments for Local Currency loans will be adjusted for relevant KfBOR variations.

b. Foreign Currency Loan:

Interest /Mark-up Payments of Foreign Currency loans will be adjusted for variations in relevant L111OR or other applicable Interest Rate benchmark and on account of exchange rate variations of Pak Rupee to one of the relevant foreign currencies i.e. US$, Euro, £, ¥.

6. Cost of Working Capital:

Cost of Working Capital will be adjusted only due to relevant KIBOR rate variations.

7. Insurance:

In case of foreign currency insurance cost, the insurance component of the tariff will be adjusted on account of US$ to Pak Rupees variations.

8. Return on Equity and Return on Equity During Construction:

Return on Equity and Return on Equity During Construction will be quarterly adjusted ona ccount of variation in PKR/US$ parity.

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Annex-III

TERMS AND CONDITIONS & ASSUMPTIONS OF TARIFF

1. Capacity Charge Rs. /kW/hour will be applicable to net capacity delivered at the delivery point.
2. The Contract capacity is the net electrical output as committed by the bidders at the reference ambient temprature (dry bulb) of 30°C
3. The net heat rates at 100% load will remain constant and applicable throughout the project life of 25 years and no adjustment/variation will be permissible due to deterioration/degradation or on any other account.
4. The plant availability will be as committed by the Bidders in their bids.
5. The Open Cycle Tariffs will be applicable for an initial period of maximum of 12 months.
6. The Combined Cycle Tariffs will be applicable for a period of 25 years commencing from the date of the Commercial Operation.
7. Dispatch criterion will be based on the Energy Charge with due consideration of transmission ystem constraints (if any) and reliability and stability criterion.
8. The net output and the net heat rates are as committed by the Bidders at the delivery point and are net of internal consumption.
9. Scheduled Outage period per annum shall be in accordance with the 2006 standardized PPA.
10. NTDC will be responsible for constructing the interconnection to the grid unless agreed otherwise between the parties.
11. All invoicing and payment terms are assumed to be in accordance with the standardized PPA attached with the Request for Proposal (RFP).
12. Tolerance in Dispatch shall be in accordance with sandardized PPA attached with RFP.
13. The tariffs are based on indicative financing plans proposed by the Bidders. The Bidders may change their lenders and financing plans with the prior written approval of PPIB, without any adverse change in the financing terms, tariff, GoP/Power purchaser obligation and project implementation shcedule. Any advantage of the above modification will be shared between the Power Purchaser/GoP and the Bidders in the ratio of 60:40.
14. No corporate income tax and no minimum turnover tax has been assumed.
15. Working capital has been financed by a separate Working Capital Facility, and is not included in the project cost.

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