

**Quotation**

<b>TO :</b>		<b>FROM :</b>	
Name	คุณโอภาส	POWER ELECTRIC ENGINEERING CO.,LTD. บริษัท เพาเวอร์ อิเลคทริค วิศวกรรม จำกัด	
Address	The Zign Pataya	42/319 ซอยนิมิตใหม่ 20 แขวงทรายกองดิน เขตคลองสามวา กรุงเทพมหานคร 10510	
Tel	089-832 5396	0-2914-5086	Mobile 081-915 0355 , 085-919 6959
Fax		0-2914-7969	
E-Mail		power_electric@hotmail.com	
Date	6 Jun 17	Ref.	Maintenance

Quotation No. RP 0144 / 60 rev1

With reference to your requirement , we are pleased to offer you our best price as the following ;

**Scope of offer****1) Electrical Preventive Maintenance ( บำรุงรักษาระบบไฟฟ้าแบบดับกระแสไฟฟ้า 10 ชั่วโมง )**

1.1	MDB panel	14 panel	28,000.00 THB.
	Air circuit breaker NW type	7 ea	21,000.00 THB.
	Capacitor panel	3 panel	6,000.00 THB.
	MCCB	1 lot	3,000.00 THB.
1.2	Drive control chiller panel	15 panel	28,000.00 THB.
	Air circuit breaker NW type	2 ea	6,000.00 THB.
1.3	Infrared thermoscan before/After PM , TR&MDB	1 job	14,000.00 THB.
1.4	Engineer sign	1 job	20,000.00 THB.
	เซ็นต์รับรองความปลอดภัยระบบไฟฟ้า ตามผลการบำรุงรักษาระบบไฟฟ้า โดยสามัญวิศวกร		
1.5	Travelling and report	1 job	5,000.00 THB.
Price			131,000.00 THB.
VAT7%			9,170.00 THB.
Total Price			<u>140,170.00 THB.</u>

**2) Scope of work****Low Voltage switch board**

- Inspection and cleaning the cubicle
- Retightening all of connection point
- Insulation test

**Molded Case Circuit breaker**

- Inspection and cleaning the breaker
- retightening termination of power cable termination

**Low voltage Air Circuit Breaker**

- Inspection and cleaning the breaker
- Check contact resistance of and circuit breaker
- Check and cleaning Arc shute of breaker
- retightening termination of power cable termination / ground cable and busbar connection
- Lubricate the circuit breaker operating mechanism
- Control unit / protective relay test
- Insulation test

**Low voltage capacitor bank**

- Inspection and cleaning the cubicle
- Inspection and cleaning capacitor unit
- retightening termination of power cable termination / ground cable and busbar connection
- Measure the capacitive of capacitor on each step to ensure that the capacitor is good condition
- Insulation test

**3) Payment Condition**

100% net for payment within 30 days from the date of invoice by certified cheque.

**4) Completion**

The oppointment will be organized 4 weeks in advance.

**5) Work Specification**

We will perform individual test to the equipment and component ;

**Included**

- : Engineer and technical staff
- : Test report with photo picture

**Excluded**

- : All other work that is not mentioned here
- Loop test / Commissioning
- Repairing / Modification work
- Spare parts
- Consequence damage

**6) \*\*\*\*\* Special Condition \*\*\*\*\***

- 24 Hours assistance ( Stand By 24 Hrs. )

**7) Owner preparation**

- Shutdown plan and inform us in advance.
- Power supply single phase 220 Vac
- Electrical power supply cut-off before working

In the meantime , we remain at your disposal for any further information you may need.

Yours Faithfully,

Rattapong Panthong  
Engineering & Service manager