

Bil. No.	Keterangan / Description	Unit Unit	Kadar Rate	Kuantiti Quantity	Jumlah /Amount (\$) (€)
1.0	<p>Bill No.1 <u>AIR CONDITIONING MAINTENANCE WORKS</u></p> <p>The Schedule is for routine maintenance and servicing of Air Conditioning system / Plants/ Equipment specified in Schedule of equipment. We are required to include prices for different category/ type of maintenance terms as WEEKLY, MONTHLY and Annual Maintenance" for a period of 12 months</p> <p>We shall be required to carry out 11 nos. "Monthly Maintenance" and 1 annual service. The maintenance and servicing shall be carried out as specified in the Basic Guideline for Maintenance of Air-Conditioning System.</p> <p>All the prices shall include cost of Maintenance Teams, any special equipment/tools deem necessary to carry out works and transportation</p> <p>The prices quoted below for this maintenace includes the labour to replace Parts (material to be supplied by client), Attendance Teams, routine services, operation, any specialist visit to site and standby (if required) during whole contract period.</p> <p>Carry out technical audit/ Survey Report before commencement of contract and handover inspection end of the contract</p> <p>The quoted rates below are icluded all Cost to fix all minor defect</p> <p>Note:</p> <p>Tenderer must have minimum each one Mechanical Engineer (M01), One Electrical Engineer (E01, E02 and E03) and 2 x Technician (M01), tenderer must submit the valid Registration ID with relevant department.</p>				
JUMLAH DIBAWA KE DEPAN AMOUNT CARRIED FORWARD					

Bil. No.	Keterangan / Description	Unit Unit	Kadar Rate	Kuantiti Quantity	Jumlah /Amount (\$) (€)
JUMLAH DIBAWA DARI DEPAN / AMOUNT BROUGHT FORWARD					
1.0	<p><u>Bill No.1</u></p> <p><u>SCHEDULE OF EQUIPMENT</u></p> <p>a Water cooled chiller (1,2, 3,4and 5)</p> <p>b Primary Chilled water pumps - 5 nos</p> <p>c Secondary Chilled water pumps - 5 nos</p> <p>d Condensing Water Pumps - 5 nos</p> <p>e Cooling Tower - 5 nos</p> <p>f Fan coil units (main plant room) - 7nos</p> <p>g Ventilation system (main plant)</p> <p>h Cooling tower filtration system - 5 nos</p> <p>i Cooling tower water storage tank</p> <p>j Main MCCB and Control Panel</p> <p>k Water flow meter and Btu/hr Calculator for all the faculty at site and main plant room</p>				
JUMLAH DIBAWA KE DEPAN AMOUNT CARRIED FORWARD					

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JUMLAH DIBAWA DARI DEPAN / AMOUNT BROUGHT FORWARD					
2.0	<p>Bill No.2 <u>WATER TREATMENT</u></p> <p>The Schedule is for routine water treatment of condensing and chilled water systems. We are required to include prices for different categories/types of maintenance terms as " Weekly-Testing pH and TDS, Monthly Test, Half-Yearly Legionella Bacteria Test, Monthly Maintenance and Monitoring of Chemical Dosing System, The Maintenance shall be carried out every month for a period of 12 months. The maintenance and servicing shall be specified in the Basic Guideline for Maintenance of Air- Conditioning System and Particulars Condition and as follows.</p> <p>a Weekly Testing pH and TDS , Total Hardness and corrosion inhibitor</p> <p>b Monthly Carry out all the test as specified in Scope of works and Particular Condition (Except Legionella Bacteria) at local laboratory / on site .</p> <p>2.2 Half-Yearly Test for Legionella Bacteria by approved type laboratory only.</p> <p>2.3 Monthly Maintenance of Chemical Dosing system</p> <p>2.4 Full washout condensing water system works replenish with fresh water and add approved adequate amount of chemical.</p> <p>2.5 Supply and approved ECO-friendly type Corrosion inhibitor and bio side chemical, copper and mild steel corrosion monitor coupons, safety equipment, water sample testing etc for the whole contract period.</p> <p>2.6 Full washout chilled water system works replenish with fresh water and add approved adequate amount of chemical</p>	months		12	
					JUMLAH DIBAWA KE DEPAN AMOUNT CARRIED FORWARD

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JUMLAH DIBAWA DARI DEPAN / AMOUNT BROUGHT FORWARD					
3.0	Bill No.3 <u>BUILDING AUTOMATION SYSTEM</u>				
3.1	The Schedule is for non comprehensive, preventive monitoring operation and routine maintenance of Building Automation System specified in this tender. We required carrying out preventive maintenance for a period of 12 months, monitoring operation of (BAS) Building Automation System, all prices shall include tools, equipment, transportation including mobilization and follwoings:				
a	To carry out monthly operation, maintenance and service for all the Building Automation Systems at the above building and ON CALL Competent Technician (Specialist of Building Automation System) Note : Monthly kW/ton plant efficiency report to UBD or representative government depart (DME/DES) is Mandatory				
3.2	The quoted rates below are included all Cost to fix all minor defect those do not required any replacement of parts				
	- Monthly Routine Maintenance	mths		12	
3.3	To provide the specialist Engineer annually for Checking the current program of Building Automation System and visits to site strictly by manufacture authorised BAS / BMS specialist only	time		1	
3.4	To provide on CALL Competent manufacture BAS specialist only to attend any breakdown on BMS system	lot		1	
3.5	Cost to supply printer paper, tonner/cartridge, storage media and associated for monthly reporting and haul/alter print out	lot		1	
3.6	Cost to supply and install media converter fiber optical and LAN with power adapter etc.	nos		10	
JUMLAH DIBAWA KE DEPAN AMOUNT CARRIED FORWARD					

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JUMLAH DIBAWA DARI DEPAN / AMOUNT BROUGHT FORWARD					
<p>4.0</p> <p>4.1</p> <p>a</p> <p>b</p> <p>c</p>	<p>Bill No.4 <u>CONTRACTOR'S SUPERVISOR & MANPOWER</u></p> <p>To include prices for the manpower to carry out Housekeeping and daily monitoring of system as equipment as specified including labour, tools and transportation as follows:</p> <p>To breakdown attendance to any complaint during normal office hours within 2 hours from the receipt of complaint and run back the system to normal in case no material is required, submit repair report to client representative</p> <p>The maintenance team is on-call basis 24Hr/7D a week, the team shall make a daily visit to the site minimum of once every day excluding Sundays and public holidays, responsible for good house-keeping of the chiller yards and monitoring and daily log sheets reading of the Air-Conditioning Plants /Equipment update and client representative on accordingly, the works shall carry out as specified in the Basic Guideline and Particulars Condition.</p> <p>Provide for labour including transportation for Standby after office hours, Sunday & public holiday, works to be carried out after working hrs as per instructions by client SO</p>	months		12	
JUMLAH DIBAWA KE DEPAN AMOUNT CARRIED FORWARD					

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JUMLAH DIBAWA DARI DEPAN /					
5.00	<p>Bill No.5</p> <p><u>Supply and replace the following</u></p> <p>To cost in all the listed below items as follows from the date of commencement to the end of the</p> <p>a All types of Lubricants and grease etc</p> <p>b All the bearings for FCUs (Split/Chilled Water fan coil units) size below 25 mm dia</p> <p>c Fuse links of any size /capacity</p> <p>d Any corrosive paint and any rust paints for annual service/ routine touch up</p> <p>e Insulation electrical tape</p> <p>f Washable air filters for FCUs</p> <p>g Nitrogen gas for leak testing</p> <p>h Oxy /acc gas for welding /cutting</p> <p>i Cleaning chemicals</p> <p>j Any alge chemical/tables</p> <p>k Industrial adhesives</p> <p>l V belts of any size /type for all the cooling towers etc.</p> <p>m Airfilters</p> <p>n Refrigerant filter driers</p>	months		12	
JUMLAH DIBAWA KE DEPAN AMOUNT CARRIED FORWARD					

Bil. No.	Keterangan / Description	Jumlah /Amount (\$) (₺)
	Summary of prices	
Bill 1	AIR CONDITIONING MAINTENANCE WORKS	
Bill 2	WATER TREATMENT	
Bill 3	BUILDING AUTOMATION SYSTEM	
Bill 4	CONTRACTOR'S SUPERVISOR & MANPOWER	
Bill 5	GENERAL REPLACEMENT PARTS	
TOTAL AMOUNT		