

**UNIVERSITI TEKNOLOGI BRUNEI  
NEGARA BRUNEI DARUSSALAM**

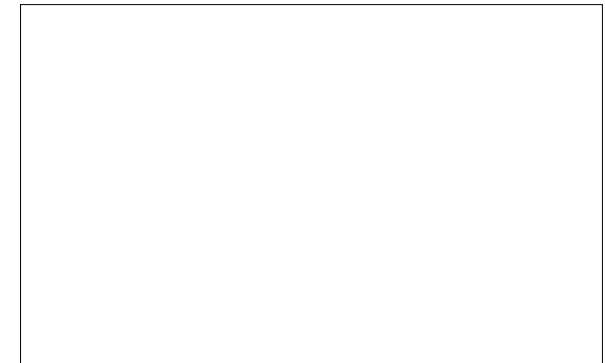
**TARIKH TUTUP/  
CLOSING DATE: 12 DISEMBER 2018      2.00 PETANG**

**BIL. SEBUTHARGA/  
QUOTATTION NO: UTB/QTN/2018-2019/1R/GSR  
TARIKH/DATE: 06 DISEMBER 2018**

**NOTA:  
SILA HANTAR SEBUT HARGA TERUS  
KEPADA:  
BAHAGIAN KEWANGAN  
1F.32, TKT 1, BLOK F,  
UNIVERSITI TEKNOLOGI BRUNEI  
LEBUHRAYA TUNGKU  
GADONG BE1410  
NEGARA BRUNEI DARUSSALAM**

**TAJUK SEBUTHARGA/QUOTATION TITLE:  
FOR SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF DUAL AXIS AUTOMATIC SOLAR TRACKING  
INCLUDING SOLAR PANELS TO UNIVERSITI TEKNOLOGI BRUNEI**

Nama/*Name* : \_\_\_\_\_  
Jawatan/*Designation* : \_\_\_\_\_  
Telepon/*Telephone* : \_\_\_\_\_  
Tandatangan/*Signature* : \_\_\_\_\_  
Tarikh/*Date* : \_\_\_\_\_



**COP RASMI SYARIKAT  
COMPANY'S STAMP**

NO.	DESCRIPTION	QTY	RATE B\$	TOTAL B\$	
1.1	DUAL AXIS AUTOMATIC SOLAR TRACKING SYSTEM	2 sets			
	<b><u>SPECIFICATION:</u></b>				
	Item				Parameter
	Control mode				Time + GPS
	Average tracking accuracy				0.1° - 5.0° (adjustable)
	Gear motor power				24V/10W
	Output torque				> 2400N·M
	Tracking power consumption (per set)				< 0.01kwh/day
	Azimuth angle tracking range				110°
	Elevation angle adjustment range				50°
	Max. wind resistance in horizontal				40m/S
	Max. wind resistance in operation				28m/S
	Material				Hot-dipped galvanized > 65µm
	System guarantee				3 years
	Working temperature				-30℃ — +70℃
	Technical standard & certificate				CE , TUV
Weight	150/180/200/220/230 KGS				
Panels dimension (Total Power)	60 / 72 cells solar panels (1.0kW-4.0kW)				

1.2	<b>SOLAR PANELS</b>		4 panels		
	<b>SPECIFICATION:</b>				
	<b>Solar panel</b>	<b>Specifications</b>			
	Quantity	Four panels (For two sets tracker). Each tracker will have two solar panels			
	No. of cells in each solar panel	Standard 60 cells			
	Size of each solar panel	about 1650mm*991mm*40mm			
	Power rating of each panel	260W-310W			
<b>TOTAL:</b>					
<b>NOTE:</b> <ul style="list-style-type: none"> <li>- Part of installation to include metal base plate with wheels for item 1.1</li> <li>- Warranty against manufacturer's defect, minimum of 3 years.</li> <li>- Please include brochures of actual items/models offered for reference.</li> </ul>					
<b>Tempoh Sahlaku Sebutharga/Quotation Validity</b>		:	<b>Six (6) months</b>		
<b>Tempoh Penghantaran/Delivery Period</b>		:			
<b>Tempoh Pemasangan/Implementation Period</b>		:			
<b>Waranti/Warranty</b>		:			
<b>Penyelenggaraan (Jika ada)/Maintenance (If Any)</b>		:			