

REFERENCE OF TENDER	DESCRIPTION OF TENDER	TIME PERIOD OF TENDER	DEPARTMENT/DIVISION/ UNIT REQUESTING TENDER	FEES	CLOSING DATE NOT LATER THAN 2.00PM	FOCAL PERSON
KK/16/2023/HTD	THE PROVISION OF MAINTENANCE SERVICES FOR FRESENIUS CRRT MACHINES IN MINISTRY OF HEALTH FOR A PERIOD OF ONE (1) YEAR	1 YEAR	DEPARTMENT OF HEALTHCARE TECHNOLOGY	\$30.00	14 <sup>th</sup> FEBRUARY 2023	Hjh Syazwani Azah binti Hj abu Bakar Jurutera Perubatan Hayat Kanan, Jabatan Teknologi Penjagaan Kesihatan, Kementerian Kesihatan Negara Brunei Darussalam Contact No: 2381740 Ext 7561

**SECTION 2**  
**SPECIFICATIONS AND REQUIREMENTS**

**TENDER REFERENCE NO: KK/16/2023/HTD**

**THE PROVISION OF MAINTENANCE SERVICES FOR FRESenius CRRT MACHINES IN  
MINISTRY OF HEALTH FOR A PERIOD OF ONE (1) YEAR**

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**SCOPE OF WORK**

Scope of work:  
- As in attachment

Fresenius CRRT machines:

a) Model: Multi-filtrate therapy

- 1) BME0009867, S/N: 3MUG7972
- 2) BME0009868, S/N: 3MUG7973
- 3) BME0017273, S/N: 4MUG9162

b) Model: Multi-filtrate Ci-Ca acute therapy system

- 1) BME24904, S/N: 4MUG8626
- 2) BME24903, S/N: 4MUG8633
- 3) BME24902, S/N: 4MUG8629
- 4) BME24899, S/N: 9MUGH311
- 5) BME24900, S/N: 9MUGH312
- 6) BME24901, S/N: 9MUGH313
- 7) BME27171, S/N: 9MUGH314
- 8) BME27172, S/N: 9MUGH315
- 9) BME27173, S/N: 9MUGH316
- 10) BME27174, S/N: 9MUGH317
- 11) BME27175, S/N: 9MUGH318

c) Model: Multi-filtrate Pro acute therapy system

- 1) BME27176, S/N: 0FTG3882
- 2) BME27177, S/N: 0FTG3883
- 3) BME27178, S/N: 0FTG3884
- 4) BME27179, S/N: 0FTG3885
- 5) BME27180, S/N: 0FTG3886

## ATTACHMENT

NO.	SCOPE OF WORK
1.	2 x PPM in a year
2.	Unlimited breakdown calls
3.	Inclusive of all spare parts & batteries. Exclude consumables & accessories
	Apply preventive maintenance sticker/tag after successful service.
	Work on the CRRT machine to be carried out by engineer(s) authorised in providing maintenance to Fresenius Multi-filtrate acute therapy systems.
	All PM and tests done must be recorded and documented (A copy for user and BME must be provided upon invoicing)
4.	<b>Visual Inspections</b>
a.	Inspect the fuse accessible from the outside corresponds to the indicated value or seal is undamaged.
b.	Inspect mechanical condition permits further safe to use.
c.	Check no signs of damages on full body or contamination affecting correct function.
d.	Check the rotor(s) conditions and clean it when necessary.
e.	Check the line roller pump(s) show no signs of damage and are fully functional.
f.	Check power cable conditions and if damage recommend to replace.
g.	Check the wheel movements and brake condition.
h.	Check all accessories IV pole and scale conditions.
5.	<b>Preventive measures</b>
a.	Perform arterial pressure calibration.
b.	Perform venous pressure calibration.
c.	Perform scales calibration.
d.	Check the functionality of optical Sensor & air bubble detector.
e.	Check the functionality of blood pump.
f.	Check the Functionality of CICA pump.
g.	Check the functionality of Heparin pump.
h.	Check and verify the system parameters.
i.	Perform the complete functional verification test.
j.	Perform the electrical safety test.

## SECTION 3

### TENDER FORM

To:

**TENDER REFERENCE NO: KK/16/2023/HTD**

**INVITATION TO TENDER  
THE PROVISION OF MAINTENANCE SERVICES FOR FRESENIUS CRRT MACHINES IN  
MINISTRY OF HEALTH FOR A PERIOD OF ONE (1) YEAR**

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**TENDER OF (name of tenderer)** : \_\_\_\_\_

Company/Business Registration No. : \_\_\_\_\_

Tender Closing Date : \_\_\_\_\_

SCOPE OF WORK	PRICE (B\$)
<p>Scope of work: - As in attachment</p> <p>Fresenius CRRT machines:</p> <p>a) Model: Multi-filtrate therapy</p> <p>BME0009867, S/N: 3MUG7972 BME0009868, S/N: 3MUG7973 3) BME0017273, S/N: 4MUG9162</p> <p>b) Model: Multi-filtrate Ci-Ca acute therapy system</p> <p>1) BME24904, S/N: 4MUG8626 2) BME24903, S/N: 4MUG8633 3) BME24902, S/N: 4MUG8629 4) BME24899, S/N: 9MUGH311 5) BME24900, S/N: 9MUGH312 6) BME24901, S/N: 9MUGH313 7) BME27171, S/N: 9MUGH314 8) BME27172, S/N: 9MUGH315 9) BME27173, S/N: 9MUGH316 10) BME27174, S/N: 9MUGH317 11) BME27175, S/N: 9MUGH318</p> <p>c) Model: Multi-filtrate Pro acute therapy system</p> <p>1) BME27176, S/N: 0FTG3882 2) BME27177, S/N: 0FTG3883 3) BME27178, S/N: 0FTG3884 4) BME27179, S/N: 0FTG3885 5) BME27180, S/N: 0FTG3886</p>	
<b>TOTAL PRICE (B\$)</b>	

## ATTACHMENT

NO.	SCOPE OF WORK	YES	NO
1.	2 x PPM in a year		
2.	Unlimited breakdown calls		
3.	Inclusive of all spare parts & batteries. Exclude consumables & accessories		
	Apply preventive maintenance sticker/tag after successful service.		
	Work on the CRRT machine to be carried out by engineer(s) authorised in providing maintenance to Fresenius Multi-filtrate acute therapy systems.		
	All PM and tests done must be recorded and documented (A copy for user and BME must be provided upon invoicing)		
4.	<b>Visual Inspections</b>		
a.	Inspect the fuse accessible from the outside corresponds to the indicated value or seal is undamaged.		
b.	Inspect mechanical condition permits further safe to use.		
c.	Check no signs of damages on full body or contamination affecting correct function.		
d.	Check the rotor(s) conditions and clean it when necessary.		
e.	Check the line roller pump(s) show no signs of damage and are fully functional.		
f.	Check power cable conditions and if damage recommend to replace.		
g.	Check the wheel movements and brake condition.		
h.	Check all accessories IV pole and scale conditions.		
5.	<b>Preventive measures</b>		
a.	Perform arterial pressure calibration.		
b.	Perform venous pressure calibration.		
c.	Perform scales calibration.		
d.	Check the functionality of optical Sensor & air bubble detector.		
e.	Check the functionality of blood pump.		
f.	Check the Functionality of CICA pump.		
g.	Check the functionality of Heparin pump.		
h.	Check and verify the system parameters.		
i.	Perform the complete functional verification test.		
j.	Perform the electrical safety test.		

1. We offer and undertake on your acceptance of our Tender to provide the above mentioned services in accordance with your Invitation To Tender.
2. Our Tender is fully consistent with and does no contradict or derogate from anything in your Invitation To Tender. We have not qualified or changed any of the provisions of your Invitation To Tender.
3. OUR OFFER IS VALID FOR **TWELVE (12)** CALENDAR MONTHS FROM THE TENDER CLOSING DATE.
4. When requested by you, we shall extend the validity of this offer.
5. We further undertake to give you any further information which you may require.

Dated this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_

\_\_\_\_\_  
**Signature of authorised officer of Tenderer**

Name:

Designation:

Tenderer's official stamp