

MHA 191/9/4/202

3 Nov 2016

To Whom It May Concern

Dear Sir/Madam,



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**CORRIGENDUM NO. 1 TO TENDER NO.: HOMHQ0ETT16000310
SUPPLY AND MAINTENANCE OF ANALYTICAL & MONITORING EQUIPMENT**

1. We refer to the abovementioned tender.
2. We hereby issue this Corrigendum No. 1 to Tender No.: HOMHQ0ETT16000310 for the following changes/inclusions to the tender:
 - a. The following pages under Section I of the Invitation to Tender document shall be deleted and replaced with new pages as appended in **Attachment 1 to Corrigendum No. 1**. The changes are highlighted in yellow in Attachment 1.

Description		Reasons for change
Lot 1C: X-Ray Fluorescence Spectrometer	Page 18 to Section I	To amend typo error
	Page 19 to Section I	
Lot 2C (Ion Chromatography)	Page 22 to Section I	
Lot 4A (Contamination Monitor)	Page 24 to Section I	To insert for clarity
Lot 4B (Contamination Monitor)		
Lot 9C (Biological Air Sampling System)	Page 32 to Section I	To amend typo error
Lot 10A (Bio-aerosol Sampling System)	Page 34 to Section I	

- b. The following paragraphs under Section III of the Invitation to Tender document:

Description	Original paragraph in tender doc	Amended paragraph	Reasons for change
Pg 3 Para 6b	For IC, GCMS/MS, LCMS/MS, ICP-MS – tenderer must collect one sample from the lab for each instrument after 5 working days from the close of the tender and submit all results to the lab within 14 days from the receipt of samples from the Authority.	For IC, GCMS/MS, LCMS/MS - tenderer must collect sample for the lab for each instrument on 26/10/2016 and submit all results to the lab on 16/11/2016 to the Authority.	For clarity

Description	Original paragraph in tender doc	Amended paragraph	Reasons for change
Pg 15 para 1.10a vii)	100 mL of a mixture of 7 cations (50 ppm lithium, 200 ppm sodium, 400 ppm ammonium, 400 ppm potassium, 400 ppm magnesium and 1000 ppm calcium).	100 mL of a mixture of 6 cations (50 ppm lithium, 200 ppm sodium, 400 ppm ammonium, 400 ppm potassium, 400 ppm magnesium and 1000 ppm calcium).	To amend error
Pg 15 para 1.10a viii)	2 columns for the detection of anions stated in 1.10a vii. The dimension of the column shall be 250 mm x 2 mm id x 4 um	2 columns for the detection of cations stated in 1.10a vii. The dimension of the column shall be 250 mm x 2 mm id x 4 um	To amend error

3. The tender closing date is extended from 14 Nov 16 to **21 Nov 16**. Tender closing time remains as 1600hrs.
4. Except for the aforesaid changes, all other terms and conditions of the Tender shall remain unchanged.

Yours faithfully

<<No signature is required. Sent via GeBIZ.>>

Goh Tze Ching
Deputy Director Procurement
Procurement & Logistics Division
Ministry of Home Affairs

LOT 1 - X-RAY FLUORESCENCE SPECTROMETER

LOT 1A) FIRM SUPPLY OF X-RAY FLUORESCENCE SPECTROMETER

S/N	Description	Firm Quantity	Unit Price (\$)	Total Price (\$)
1	Supply of X-Ray Fluorescence Spectrometer (XRF)	2 units	\$ _____	\$ _____ (A)

Notes:

- 1) Delivery Terms – DDP Authority Designated Site in Singapore
- 2) Payment terms – Pay upon delivery and acceptance of Goods and receipt of invoice
- 3) All prices quoted shall include ancillary equipment and operator and maintenance training
- 4) Warranty period for Equipment – 1 Year

LOT 1B) OPTIONAL SUPPLY OF X-RAY FLUORESCENCE SPECTROMETER

S/N	Description	Optional Quantity	Applicable Unit Price (\$)		
			Within 1 st year from date of tender award	Within 2 nd year from date of tender award	Within 3 rd year from date of tender award
1	Supply of X-Ray Fluorescence Spectrometer (XRF)	1 unit	\$ _____	\$ _____	\$ _____ (B)

Notes:

- 1) Delivery Terms – DDP Authority Designated Site in Singapore
- 2) Payment terms – Pay upon delivery and acceptance of Goods and receipt of invoice
- 3) All prices quoted shall include ancillary equipment and operator and maintenance training
- 4) Warranty period for Equipment – 1 Year
- 5) Validity of option: Valid for 3 years from date of tender award

LOT 1C) FIRM 7-YEAR POST WARRANTY (PW) NON-COMPREHENSIVE MAINTENANCE OF X-RAY FLUORESCENCE SPECTROMETER

S/N	Description	Firm Qty (a)	Frequency of Servicing	Unit Price (\$) (b)	Total Price (\$) (a)*(b) * 3 units
1	Preventive Maintenance (PM) services for up-to 3 units of X-Ray Fluorescence Spectrometer	3 years (PW Year 1 to 3)	2 times per year per unit	\$_____ for 1 unit per year	\$_____ for 3 units x 3 years
		2 years (PW Year 4 to 5)	2 times per year per unit	\$_____ for 1 unit per year	\$_____ for 3 units x 2 years
		2 years (PW Year 6 to 7)	2 times per year per unit	\$_____ for 1 unit per year	\$_____ for 3 units x 2 years
Total Price					\$_____ (C)

S/N	Description	Firm Qty (a)	Frequency of Servicing
2	Ad-hoc Corrective Maintenance (CM) for X- Ray Fluorescence Spectrometer	Over 7 years	Tenderers are to fill up the Schedule of Rates for corrective maintenance under Table 1C1 and Table 1C2 (Pay upon utilisation of Goods/Services)

Notes:

1. The post warranty non-comprehensive maintenance shall commence after the 1 year warranty period
2. Payment terms – For PM, pay on a quarterly basis and upon successful delivery and acceptance of Services. For ad-hoc CM, pay upon successful delivery and acceptance of Goods/ Services.
3. The same set of maintenance contract rates under Table 1C will apply to both the firm supply of X-Ray Fluorescence Spectrometer (under Table 1A) and optional supply of X-Ray Fluorescence Spectrometer (under Table 1B).
4. In the event that the Authority decides to exercise the option for the supply of the additional unit of X-Ray Fluorescence Spectrometer, it shall be packaged with the associated 7-year **non-**comprehensive maintenance support.

Summary for Gebiz entry

\$ _____ (A) + \$ _____ (B) + \$ _____ (C)	= \$ _____ (Tenderers to enter this total Price for Lot 1 into GeBIZ Line Item 1)
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SCHEDULE OF RATES
(Pay upon utilisation of Goods/Services)

Firm Requirement : Ad-hoc Corrective Maintenance (CM) for X-Ray Fluorescence Spectrometer

Table 1C1: Labour Rates

S/N	Description	Cost	Tenderers to estimate frequency of arising per year
1	Weekdays Office Hours 8am to 6pm (excluding Saturdays, Sundays & Public Holidays)	\$ _____/hour Min _____ hours (if applicable)	
2	2-way transportation cost (if maintenance to be done offsite)	\$ _____/round trip	

LOT 2C) FIRM 7-YEAR POST WARRANTY (PW) COMPREHENSIVE MAINTENANCE OF ION CHROMATOGRAPHY (IC)

S/N	Description	Firm Quantity (a)	Unit Price (\$) (b)	Total Price (\$) (a)*(b) * 4 units
1	Post Warranty Comprehensive Maintenance for up-to 4 units of Ion Chromatography (IC)	3 years (PW Year 1 to 3)	\$_____ for 1 unit per year	\$_____ for 4 units x 3 years
		2 years (PW Year 4 to 5)	\$_____ for 1 unit per year	\$_____ for 4 units x 2 years
		2 years (PW Year 6 to 7)	\$_____ for 1 unit per year	\$_____ for 4 units x 2 years
Total Price				\$_____ (C)

Notes:

1. Rates quoted shall include all scheduled Preventive Maintenance and adhoc Corrective maintenance (labour, transportation, consumables and replacement parts costs)
2. The post warranty comprehensive maintenance shall commence after the 1 year warranty period
3. Payment terms – Pay on a quarterly basis and upon successful delivery and acceptance of Services.
4. The same set of maintenance contract rates under Table 2C will apply to both the firm supply of IC (under Table 2A) and optional supply of IC (under Table 2B).
5. The 7-year post-warranty comprehensive maintenance is a firm requirement and will commence upon expiry of warranty for the firm 3 units of IC.
6. In the event that the Authority decides to exercise the option for the supply of 1 additional unit of IC, it shall be packaged with the associated 7-year comprehensive maintenance support

Summary for Gebiz entry

\$_____ (A) + \$_____ (B) + \$_____ (C)	= \$_____ (Tenderers to enter this total Price for Lot 2 into GeBIZ Line Item 2)
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LOT 4 - CONTAMINATION MONITOR AND SURVEY METERS

LOT 4A) FIRM SUPPLY OF CONTAMINATION MONITOR AND SURVEY METERS

S/N	Description	Firm Quantity	Unit Price (\$)	Total Price (\$)
1	Supply of Contamination Monitor, comprising 1 unit of hand and foot monitoring system with 6 units of radiation contamination survey meters.	1 unit	\$ _____	\$ _____ (A)

Notes:

- 1) Delivery Terms – DDP Authority Designated Site in Singapore
- 2) Payment terms – Pay upon delivery and acceptance of Goods and receipt of invoice
- 3) All prices quoted shall include ancillary equipment and operator and maintenance training
- 4) Warranty period for Equipment – 1 Year

LOT 4B) FIRM 7-YEAR POST WARRANTY COMPREHENSIVE MAINTENANCE OF CONTAMINATION MONITOR AND SURVEY METERS

MAINTENANCE OF CONTAMINATION MONITOR AND SURVEY METERS				
S/N	Description	Firm Quantity (a)	Unit Price (\$ (b)	Total Price (\$) (a)*(b) * 1 unit
1	Post Warranty Comprehensive Maintenance for 1 unit of Contamination Monitor and 6 units of Survey Meters	3 years (PW Year 1 to 3)	\$_____ for 1 unit per year	\$_____ for 1 unit x 3 years
		2 years (PW Year 4 to 5)	\$_____ for 1 unit per year	\$_____ for 1 unit x 2 years
		2 years (PW Year 6 to 7)	\$_____ for 1 unit per year	\$_____ for 1 unit x 2 years
Total Price				\$_____ (B)

Notes:

1. Rates quoted shall include all scheduled Preventive Maintenance and adhoc Corrective maintenance (labour, transportation, consumables and replacement parts costs)
2. The post warranty comprehensive maintenance shall commence after the 1 year warranty period
3. Payment terms – Pay on a quarterly basis and upon successful delivery and acceptance of Services

Summary for Gebiz entry

\$ _____ (A) + \$ _____ (B)	= \$ _____ (Tenderers to enter this total Price for Lot 4 into GeBIZ Line Item 4)
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LOT 9C) FIRM 7-YEAR POST WARRANTY (PW) NON-COMPREHENSIVE MAINTENANCE OF BIOLOGICAL AIR SAMPLING SYSTEM

S/N	Description	Firm Qty (a)	Frequency of PM Servicing	Unit Price (\$) (b)	Total Price (\$) (a)*(b) * 15 units
1	Preventive Maintenance (PM) services for up-to 15 units of Biological Air Sampling System	3 years (PW Year 1 to 3)	2 times per year per unit	\$_____ for 1 unit per year	\$_____ for 15 units x 3 years
		2 years (PW Year 4 to 5)	2 times per year per unit	\$_____ for 1 unit per year	\$_____ for 15 units x 2 years
		2 years (PW Year 6 to 7)	2 times per year per unit	\$_____ for 1 unit per year	\$_____ for 15 units x 2 years
Total Price					\$_____ (C)
2	Ad-hoc Corrective Maintenance (CM) for Biological Air Sampling System	Over 7 years	Tenderers are to fill up the Schedule of Rates for corrective maintenance under <u>Table 9C1</u> and <u>Table 9C2</u> (Pay upon utilisation of Goods/Services)		

Notes:

1. The 7-year post-warranty Non-Comprehensive maintenance is a firm requirement and will commence upon expiry of warranty for the firm 10 sets of Biological Air Sampling System
2. Payment terms – For PM, pay on a quarterly basis and upon successful delivery and acceptance of Services. For ad-hoc CM, pay upon successful delivery and acceptance of Goods/ Services
3. The same set of maintenance contract rates under Table 9C will apply to both the firm supply of Biological Air Sampling System (under Table 9A) and optional supply of Biological Air Sampling System (under Table 9B).
4. In the event that the Authority decides to exercise the option for the supply of up-to 5 additional units of Biological Air Sampling System, it shall be packaged with the associated 7-year **non-comprehensive** maintenance support.

Summary for Gebiz entry

\$_____ (A) + \$_____ (B) + \$_____ (C)	= \$_____ (Tenderers to enter this total Price for Lot 9 into GeBIZ Line Item 9)
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LOT 10- Bio-aerosol Sampling System

LOT 10A) FIRM SUPPLY OF BIO-AEROSOL SAMPLING SYSTEM

S/N	Description	Firm Quantity	Unit Price (S\$)	Total Price (S\$)
1	Supply of Bio-aerosol Sampling System	10 units	\$ _____	\$ _____ (A)

Notes:

- 1) Delivery Terms – DDP Authority Designated Site in Singapore
- 2) Payment terms – Pay upon delivery and acceptance of Goods and receipt of invoice
- 3) All prices quoted shall include ancillary equipment and operator and maintenance training
- 4) Warranty period for Equipment – 1 Year

LOT 10B) FIRM 7-YEAR POST WARRANTY (PW) NON-COMPREHENSIVE MAINTENANCE OF BIO-AEROSOL SAMPLING SYSTEM

S/N	Description	Firm Qty (a)	Frequency of Servicing	Unit Price (\$) (b)	Total Price (\$) (a)*(b) * 10 units
1	Preventive Maintenance (PM) services for 10 units of Bio-aerosol Sampling System	3 years (PW Year 1 to 3)	2 times per year per unit	\$ _____ for 1 unit per year	\$ _____ for 10 units x 3 years
		2 years (PW Year 4 to 5)	2 times per year per unit	\$ _____ for 1 unit per year	\$ _____ for 10 units x 2 years
		2 years (PW Year 6 to 7)	2 times per year per unit	\$ _____ for 1 unit per year	\$ _____ for 10 units x 2 years
Total Price					\$ _____ (B)
2	Ad-hoc Corrective Maintenance (CM) for Bio-aerosol Sampling System	Over 7 years	Tenderers are to fill up the Schedule of Rates for corrective maintenance under <u>Table 10B1</u> and <u>Table 10B2</u> (Pay upon utilisation of Goods/Services)		

Notes:

1. The post warranty non-comprehensive maintenance shall commence after the 1 year warranty period
2. Payment terms – For PM, pay on a quarterly basis and upon successful delivery and acceptance of Services. For ad-hoc CM, pay upon successful delivery and acceptance of Goods/ Services.

Summary for Gebiz entry

\$ _____ (A) + \$ _____ (B)	= \$ _____ (Tenderers to enter this total Price for Lot 10 into GeBIZ Line Item 10)
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