



Dated this 1st day of June 2024

Between
MARITIME AND PORT AUTHORITY OF SINGAPORE
and
ITOPF LTD

**MEMORANDUM OF
UNDERSTANDING**

FIFTH EDITION

MEMORANDUM OF UNDERSTANDING

OIL AND CHEMICAL SPILL RESPONSE EQUIPMENT AND VESSEL RATES IN SINGAPORE

The attached schedule of rates for vessels, equipment and other resources deployed under the direction of the Maritime and Port Authority of Singapore (MPA) and the service providers acting under the direction of MPA has been agreed by MPA and ITOPF Ltd (ITOPF). This Memorandum of Understanding shall take effect from 01 June 2024, and supersede the Memorandum of Understanding (Fourth Edition) dated 24 October 2020.

These rates are acknowledged to be reasonable by ITOPF for resources used in a response to pollution incidents involving vessels entered in the International Group of Protection & Indemnity Clubs (IG P&I Clubs) or incidents in which the International Oil Pollution Compensation Funds (IOPC Funds) are involved.

The schedule will be reviewed by MPA and ITOPF, in conjunction with the IG P&I Clubs and the IOPC Funds, on a three-yearly cycle unless otherwise agreed in writing between the parties. The next review is scheduled to take place in June 2027.

The parties hereby agree, in the event the goods and services tax (GST) rate in Singapore is revised pursuant to the Goods and Services Tax Act 1993 ("**GST Act**") during the term of this Memorandum of Understanding, to apply, in place of the rates set out in the attached schedule of rates, such new rates as MPA may then notify ITOPF in writing, adjusted only to account for such revised GST tax rate imposed pursuant to the GST Act.

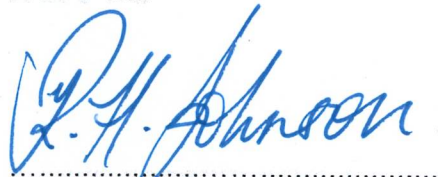
This Memorandum of Understanding may be executed in counterparts, which taken together shall constitute one and the same Memorandum of Understanding. The exchange of copies of this Memorandum of Understanding by electronic mail in portable document format or by any other electronic means intended to preserve the original pictorial appearance of the document, shall constitute effective execution if it contains an image of the original signatures of the authorised signatories.

Signed for and on behalf of
MARITIME AND PORT AUTHORITY OF
SINGAPORE



CHONG JIA CHYUAN
PORT MASTER

Signed for and on behalf of
ITOPF Ltd



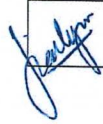

RICHARD JOHNSON
TECHNICAL DIRECTOR

SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOPF LTD

All rates and charges (including administrative charges) listed in this Schedule are subject to prevailing GST. GST has been added to the agreed rates where shown. Where rates are stated to be "at cost" or "as invoiced" herein, or where additional charges for oil or chemical spill response or anti-pollution services are incurred, the charges payable shall be at such cost actually incurred by the MPA, subject to the criteria of admissibility under the relevant international Conventions.

1. MARITIME AND PORT AUTHORITY OF SINGAPORE

VESSEL	DESCRIPTION	RATE PER HOUR OR PART THEREOF (INCLUSIVE OF GST) FOR USAGE OF SERVICES OF 8 HOURS OR LESS IN A CALENDAR DAY	RATE PER CALENDAR DAY (INCLUSIVE OF GST) FOR USAGE OF SERVICES EXCEEDING 8 HOURS IN A CALENDAR DAY	STANDBY RATE PER CALENDAR DAY OR PART THEREOF (INCLUSIVE OF GST)
Launch	Contracted launch used for oil spill response duties	S\$272.50 (includes bunker and minimum manning only)	S\$2,180.00 (includes bunker and minimum manning only)	S\$1,635.00 (includes bunker and minimum manning only)
Hydrographic craft	MPA's next generation hydrographic vessel, MATA IKAN, used for oil spill response duties	S\$853.47 (includes bunker and minimum manning only)	S\$6,824.49 (includes bunker and minimum manning only)	S\$5,118.64 (includes bunker and minimum manning only)
Patrol craft, enhanced	MPA's patrol craft, enhanced, MPA Guardian, used for oil spill response duties	S\$675.80 (includes bunker and minimum manning only)	S\$5,408.58 (includes bunker and minimum manning only)	S\$4,056.98 (includes bunker and minimum manning only)
Garbage collection craft	Contracted garbage collection craft used for anti-pollution duties	S\$370.60 (includes bunker and minimum manning only)	S\$2,943.00 (includes bunker and minimum manning only)	S\$2,212.70 (includes bunker and minimum manning only)

MPA	ITOPF
	

SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOPF LTD

Notes:

Hourly/daily hire rates

- (a) The hourly or daily rates (as the case may be) set out above are chargeable once the vessel is activated, and is either operating or dedicated to the response and hence, not available for use in other duties (including when the vessel is awaiting instructions, at a forward storage area or at base or in transit), and will continue to apply until it is instructed to be de-activated, and is used in other duties, or returns to base, whichever is earlier.

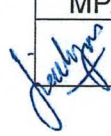
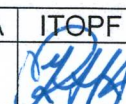
Standby rates

- (b) Time taken to demobilise a vessel (including time for cleaning, repair or other work required to restore the vessel to the condition that it was in at the time of its activation) will be charged at the applicable standby rate for such vessel set out above.

Additional charges

- (c) In addition to hourly/daily hire and standby rates, additional charges, including the following, may be incurred:
- (i) MPA's extra-ordinary additional costs of hiring a replacement vessel for the duration of the craft's demobilisation shall be charged as invoiced.
 - (ii) Repairs and other works undertaken during demobilisation to restore the vessel to her pre-activation condition will be charged as invoiced.
 - (iii) Costs of dispersants and cleaning of vessels, which are chargeable at the rates set out below.
 - (iv) GST (added to the agreed rates where shown), administrative charges, and manpower, which are chargeable at the rates set out below.

ITEM	DESCRIPTION	RATES
Dispersants	Dispersant Concentrates	At cost plus storage and handling charges.
Cleaning of vessels	Cleaning of vessels used in response to pollution incident	At cost (as agreed at the time of an incident)
Manpower	(a) Senior Management staff	S\$228.90 (inclusive of GST) - S\$359.70 (inclusive of GST) per hour, pro-rated on a per minute basis.
	(b) Senior Officers	S\$102.46 (inclusive of GST) - S\$168.95 (inclusive of GST) per hour, pro-rated on a per minute basis.
	(c) Junior Officers	S\$54.50 (inclusive of GST) - S\$78.48 (inclusive of GST) per hour, pro-rated on a per minute basis.
	(d) Contract personnel	Contractor's cost
Administrative charges	Where the total charges payable to MPA do not exceed S\$1.09 million (inclusive of GST), 10% of such total charges.	
	Where the total charges payable to MPA exceed S\$1.09 million (inclusive of GST), S\$109,000 plus 6% of the amount by which the total charges exceed S\$1.09 million (inclusive of GST).	
	Unless otherwise exempted, GST at the prevailing rate will be applied to MPA's administrative charges	
GST	GST (added to the agreed rates where shown) at the prevailing rate will be applied to MPA's own charges (including MPA's administrative charges) under the GST Act unless otherwise exempted	

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
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2. MPA'S SUPPORTING OIL AND CHEMICAL SPILL RESOURCE AGENCIES IN SINGAPORE

(A) KST MARITIME PTE LTD



ITEM	DESCRIPTION	RATES
Tug	Tug used as an anti-oil pollution craft	(1) For usage of up to 12 hours in a calendar day, an hourly rate of S\$1,700 per tug plus a bunker surcharge based on a fuel consumption of 200 litres per hour. (2) For usage of more than 12 hours in a calendar day, a daily rate of S\$19,000 per tug plus a bunker surcharge based on a fuel consumption of 200 litres per hour.
Dispersant	Dispersant	Actual cost plus 20% administrative charge thereon.
Cleaning of Tug	(a) By contract company (b) Loss of use while awaiting cleaning/during cleaning of Tug	(a) As invoiced (as agreed at the time of an incident). (b) An hourly rate of S\$850 plus a bunker surcharge based on a fuel consumption of 100 litres per hour or a daily rate of S\$9,500 per tug plus a bunker surcharge based on a fuel consumption of 100 litres per hour whichever is lower.

Notes:

(a) The bunker surcharge will be charged at a rate equivalent to the prevailing bunker price as published in our website at <https://www.keppelsmit.com.sg/services/bunker-surcharge-price-terms.html>.

(b) Charges will start once the tug is activated and will continue until the tug returns to base (base-to-base)

(c) If the tug is on standby and awaiting instructions (i.e. tug not able to undertake own duties), an hourly rate of \$850 per hour or part thereof and a fuel charge based on a fuel consumption of 100 litres per hour at a rate equivalent to the prevailing bunker price as published at <https://www.kstmaritime.com> will apply.

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOFF LTD**

(B) PSA MARINE PTE LTD



ITEM	DESCRIPTION	RATES
Tug	Tug used as an anti-oil pollution craft	<p>(1) For usage of up to 12 hours in a calendar day, an hourly rate of S\$1,700 per tug plus a bunker surcharge based on a fuel consumption of 200 litres per hour.</p> <p>(2) For usage of more than 12 hours in a calendar day, a daily rate of S\$19,000 per tug plus a bunker surcharge based on a fuel consumption of 200 litres per hour.</p>
Dispersant	Dispersant	Actual cost plus 20% administrative charge thereon.
Cleaning of Tug	<p>(a) By contract company</p> <p>(b) Loss of use while awaiting cleaning/during cleaning of Tug</p>	<p>(a) As invoiced (as agreed at the time of an incident).</p> <p>(b) An hourly rate of S\$850 plus a bunker surcharge based on a fuel consumption of 100 litres per hour or a daily rate of S\$9,500 per tug plus a bunker surcharge based on a fuel consumption of 100 litres per hour whichever is lower.</p>

Notes:

(a) The bunker surcharge will be charged at a rate equivalent to the prevailing bunker price as published in our website at <https://www.psamarine.com>.

(b) Charges will start once the tug is activated and will continue until the tug returns to base (base-to-base).

(c) If the tug is on standby and awaiting instructions (i.e. tug not able to undertake other duties), an hourly rate of \$850 per hour or part thereof and a fuel charge based on a fuel consumption of 100 litres per hour at a rate equivalent to the prevailing bunker price as published at <https://www.psamarine.com> will apply.

MPA	ITOPF
	

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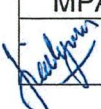
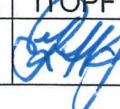
(C) SHELL SINGAPORE PTE LTD

ITEM	DESCRIPTION	RATES
Work boat	(a & b) PENGUIN HORMAT and PENGUIN SETIA work boats with dispersant spray equipment	S\$545 (inclusive of GST) per hour, capped at S\$6,540.00 (inclusive of GST) per day per work boat. Fuel to be charged as invoiced and in addition to aforementioned charges.
	(c & d) PENGUIN SWIFT and PENGUIN VIGOR work boats with portable dispersant spray equipment	S\$228.90 (inclusive of GST) per hour, capped at S\$2,725.00 (inclusive of GST) per day per work boat. Fuel to be charged as invoiced and in addition to aforementioned charges.
Marine Launch	PENGUIN CEPAT OR PENGUIN KILAT	S\$218.00 (inclusive of GST) per hour
Skimmer	Vikoma Hoyle T-12 T-Disc skimmer (12 m ³ per hour recovery rate)	S\$872.00 (inclusive of GST) per day
Spray system	(a) Offshore spray system	S\$327.00 (inclusive of GST) per day
	(b) Inshore spray system	S\$163.50 (inclusive of GST) per day
	(c) Knapsack sprayer (20-litre tank capacity)	S\$21.80 (inclusive of GST) per day
Boom	(a) Hoyle type 'A' fence boom (per 25-metre length)	S\$130.80 (inclusive of GST) per day
	(b) Shore Guardian boom (per 10-metre length)	S\$158.05 (inclusive of GST) per day
	(c) Hi Sprint boom (per 300-metre length)	S\$5,668.00 (inclusive of GST) per day
Sorbent material	Sorbent material (pads, booms, etc.)	Purchase price + administrative charge of 15% thereon
Fire hose	15-metre fire hose	S\$43.60 (inclusive of GST) per day
Dispersant	Imported dispersant	Supplier cost + 15% administrative charge thereon
Manpower	(a) Senior staff	S\$163.50 (inclusive of GST) per hour
	(c) Senior Marine staff	S\$1,482.40 (inclusive of GST) per day
	(d) Marine staff	S\$1,090.00 (inclusive of GST) per day
	(b) Other Staff	S\$54.50 (inclusive of GST) per hour

Notes:

(a) Charges will start once the work boat or marine launch is activated and will continue until the work boat or marine launch returns to base (base-to-base) or until completion of cleaning of the work boat or launch after it returns to base (if required), whichever is later.

(b) Standby rate per day or part thereof, will be charged at 50% of the daily rate or daily capped rate as the case may be, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit and awaiting instructions (i.e. craft or equipment is not to be deployed for other duties). Where no daily rate is specified, the standby rate shall be 50% of the hourly rate for every hour the craft is on standby.

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOPF LTD**

(C) SHELL SINGAPORE PTE LTD

CHEMICAL SPILL RESPONSE EQUIPMENT

ITEM	DESCRIPTION	RATES
Self-Contained Breathing Apparatus (SCBA)	Scott Pro Pak w/ 30min bottle & facemask	S\$4,037.04 (inclusive of GST) per set S\$135.24 per day (inclusive of GST) in use. Servicing and refurbishment charges are applicable via approved service agent +15% fee.
Chemical Full Encapsulated Suit	MICROCHEM (AlphaTec) 6000 Gas-Tight Suits	S\$2,018.52 (inclusive of GST) for 1 piece. S\$67.62 per day (inclusive of GST) in use. Servicing and refurbishment charges are applicable via approved service agent +15% fee.
Chemical splash suit	MICROCHEM / AlphaTec 5000 Chemical Protective Suits	S\$327.00 (inclusive of GST) for 1 piece (Consumable)
Half Face Respirator	Respirator, Half Facepiece, 3M, 7502, Medium	S\$54.50 (inclusive of GST) for 1 piece (Consumable)
Half Face Respirator	Filter Respirator, Acid Cartridge, Organic, 3M, 6003	S\$27.25 (inclusive of GST) for 1 piece (Consumable)
Full Face Respirator	Respirator, Full Facepiece, 3M, 6700	S\$218.00 (inclusive of GST) for 1 piece (Consumable)
Portable Gas Detector	Detector, Gas, BW-Tech, 4 in 1	S\$ 1635.00 (inclusive of GST) for 1 piece S\$54.50 per day (inclusive of GST) in use. Servicing and refurbishment charges are applicable via approved service agent +15% fee.
Personal Gas Detector	Detector, Gas, BW-Tech, 4 in 1 (Personal)	S\$ 763.00 (inclusive of GST) for 1 piece S\$25.23 per day (inclusive of GST) in use. Servicing and refurbishment charges are applicable via approved service agent +15% fee.
Area Gas Detector	Dreager/Crowcon X-Zone Detector	S\$ 7630.00 (inclusive of GST) for 1 piece S\$254.33 per day (inclusive of GST) in use. Servicing and refurbishment charges are applicable via approved service agent +15% fee.

(a) All chemical spill response equipment which are identified as consumables will only be considered for return if they are not damaged and in fully sealed original condition.

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
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

(D) SINGAPORT CLEANSEAS PTE LTD

ITEM	DESCRIPTION	RATES
Tanker	(a) CLEANSEAS PROGRESS	For the first 12 hours or part thereof, S\$5,450.00 (inclusive of GST) plus cost of fuel as invoiced. For subsequent 12 hours or part thereof, \$4,360.00 (inclusive of GST) plus cost of fuel as invoiced.
Manpower	(a) Middle management personnel	S\$545.00 (inclusive of GST) per 12 hour block or part thereof
	(b) Supervisory/technical personnel	S\$436.00 (inclusive of GST) per 12 hour block or part thereof
	(c) Oil Spill operators	S\$272.50 (inclusive of GST) per 12 hour block or part thereof
Oily waste disposal charges	(a) Oily water / Annex I waste	S\$32.70 (inclusive of GST) per m ³
	(b) Emulsion	S\$65.40 (inclusive of GST) per m ³

Notes:

(a) Charges will start once the tanker is activated and will continue until the tanker returns to base (base-to-base) or until completion of cleaning after it returns to base (if required), whichever is later.

(b) Standby rate per day or part thereof, will be charged at 50% of the 12 hourly rate, for the period that the tanker is on standby at a forward storage area or base or in transit and awaiting instructions (i.e. tanker is not to be deployed for other duties).

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
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(E) CHEVRON SINGAPORE AND CHEVRON ORONITE PTE LTD


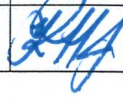
ITEM	DESCRIPTION	RATES
Work boat	(a) SR 3144 E	S\$327.00(inclusive of GST) per hour or S\$2,616.00(inclusive of GST) per day
	(b) SR 2869Z	S\$327.00(inclusive of GST) per hour or S\$2,616.00(inclusive of GST) per day
	(c) SR 2956D	S\$327.00(inclusive of GST) per hour or S\$2,616.00(inclusive of GST) per day
Boom	(a) Sentinel 750 boom system (4 x 50 metres)	S\$21.80(inclusive of GST) per metre per day
	(b) Hoyle Protector boom system (8 x 25 metres)	S\$15.81(inclusive of GST) per metre per day
	(c) Shore guardian 550 boom system (5 x 10 metres)	S\$24.41(inclusive of GST) per metre per day
Skimmer	Komara 12K skimmer system (18 tonnes/hour)	S\$654.00(inclusive of GST) per day
Oil storage system	Fastank 2000 oil storage system (7,500 litres)	S\$261.60(inclusive of GST) per day
Sea spray system	Sea Spray system	S\$545.00(inclusive of GST) per day
Dispersant	Eurolube	As invoiced
Oil spill dispersant equipment servicing	Contract company	As invoiced plus an administrative charge of 10%
Manpower	(a) Senior management personnel	S\$218.00 (inclusive of GST) per hour
	(b) Middle management personnel	S\$163.50 (inclusive of GST) per hour
	(c) Supervisory/technical personnel	S\$109.00 (inclusive of GST) per hour
	(d) Oil Spill operators	S\$87.20 (inclusive of GST) per hour
	(e) Contract personnel	S\$32.70 (inclusive of GST) per hour

Notes:

(a) Per day rate for work boats is based on usage exceeding 10 hours per calendar day.

(b) Charges will start once the work boat is activated and will continue until the work boat returns to base (base-to-base) or until completion of cleaning after it returns to base (if required), whichever is later.

(c) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit and awaiting instructions (i.e. craft or equipment is not to be deployed for other duties).

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
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(E) CHEVRON SINGAPORE AND CHEVRON ORONITE PTE LTD

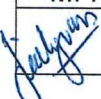
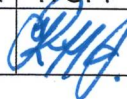
CHEMICAL SPILL RESPONSE EQUIPMENT

ITEM	DESCRIPTION	RATES
Personal Protective Equipment	Self-contained breathing apparatus (SCBA)	S\$299.75 (inclusive of GST) per set
	General respirator protection	Chemical Respirator: S\$47.96 (inclusive of GST) per piece (consumable item) Chemical Respirator Cartridge: S\$54.50 (inclusive of GST) per piece (consumable item)

Notes:

(a) All rates quoted are on per day basis or part thereof except consumable items.

(b) Consumables that are not used (remain in their packaging and have not otherwise been damaged) can be returned.

MPA	ITOPF
	

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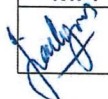
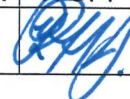
(F) EXXONMOBIL ASIA PACIFIC PTE LTD

ITEM	DESCRIPTION	RATES
Work boats	(a) SR 2934C - Chartered work boat (10.0 metres)	(1) Charter and crew costs at S\$131.89 (inclusive of GST) per hour plus call up charge of S\$527.56 (inclusive of GST). (2) S\$2,071.00 (inclusive of GST) per day (including call up charge). (3) Charges will start from the time the craft leaves base until it returns to base or until completion of cleaning (if required). (4) Craft is manned by one steersman and three workmen.
	(b) SR 2372H - Chartered work boat (12.8 metres)	(1) Charter and crew costs at S\$152.60 (inclusive of GST) per hour plus call up charge of S\$610.40 (inclusive of GST). (2) S\$2,398.00 (inclusive of GST) per day (including call up charge). (3) Charges will start from the time the craft leaves base until it returns to base or until completion of cleaning (if required), whichever is later. (4) Craft is manned by one steersman and three workmen.
Skimmer	Komara 12K MkII skimmer	S\$872.00 (inclusive of GST) per day
Dispersant spray system	Frank Ayles Seaspray system (5 HP engine at 150 litres/min)	S\$545.00 (inclusive of GST) per day
Oil boom	Sea Sentinel (200 metres) oil boom c/w reel, power pack and blower	S\$4,251.00 (inclusive of GST) per day
Dispersant	Corexit 9500 / Chemkleen OSDA-CD dispersant	At replacement cost
Manpower	(a) Senior management staff	S\$153.69 (inclusive of GST) per hour
	(b) Middle management personnel	S\$87.20 (inclusive of GST) per hour
	(c) Supervisory/technical personnel	S\$54.50 (inclusive of GST) per hour
	(e) Contract personnel	As invoiced
Others	Administrative charge	15% on total charges payable to ExxonMobil Asia Pacific Pte Ltd

Note:

(a) Per day rate for work boats is based on usage exceeding 8 hours per calendar day.

(b) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit and awaiting instructions (i.e. craft or equipment is not to be deployed for other duties).

MPA	ITOPF
	

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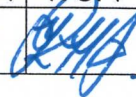
(F) EXXONMOBIL ASIA PACIFIC PTE LTD

CHEMICAL SPILL RESPONSE EQUIPMENT

Item	Description	Rates
Self-Contained Breathing Apparatus (SCBA)	Draeger SCBA	S\$109.00 (inclusive of GST) per day
Chemical Splash Suit	Tyvek Splash Suit	S\$54.50 (inclusive of GST) per suit
Fully encapsulated Chemical Suit. Complete with Gloves and Boots	Lakeland INT640 Interceptor Level A Suit Medium, EC Approved	S\$1090.00 (inclusive of GST) per set
Full Facepiece Respirator	3M 6900	S\$118.97 (inclusive of GST)
Cartridge Multigas/Vapour	3M 6006	S\$361.24 (inclusive of GST) per case of 60 pieces
Cartridge Organic Vapour/acid gas	3M 6003	S\$355.79 (inclusive of GST) per case of 60 pieces
Portable Gas Detector	Draeger X-am 2500 (Complete set)	S\$436.00 (inclusive of GST) per set S\$21.80 (inclusive of GST) per day
Others	Administrative charge	15% on total charges payable to ExxonMobil Asia Pacific Pte Ltd

Notes:

- (a) Daily rate not applicable if item returned in same condition as received.
- (b) No charges for returned items and for cartridges partially used from the box, the charges will be pro-rated accordingly.

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
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(G) SINGAPORE REFINING COMPANY PRIVATE LIMITED

ITEM	DESCRIPTION	RATES
Mooring boats	(a) SR 3403G (LOA 12.0M)	S\$327.00 (inclusive of GST) per hour or S\$2,616.00 (inclusive of GST) per day
	(b) SR 3404E (LOA 12.0M)	S\$327.00 (inclusive of GST) per hour or S\$2,616.00 (inclusive of GST) per day
	(c) SR 3405C (LOA 12.0M)	S\$327.00 (inclusive of GST) per hour or S\$2,616.00 (inclusive of GST) per day
	(d) SR 3406A (LOA 12.0M)	S\$327.00 (inclusive of GST) per hour or S\$2,616.00 (inclusive of GST) per day
Skimmer	Elastec Magnum 100 Skimmer (17.7 x 14.5 x 4.5m). 380-litre per minute (Recovery Rate)	S\$545.00 (inclusive of GST) per day for short term land demobilisation only. Additional mobilisation costs will be levied as invoiced if sea transport is required.
Dispersant pump/sprayer	Ayles Fernie BoatSpray 100-3AL (100 LPM)	S\$545.00 (inclusive of GST) per day
Containment Boom	30-metre/Section Optimax II boom	S\$327.00 (inclusive of GST) /day excluding cleaning costs after the deployment. Cleaning to be charged at cost plus 15% handling fee.
Dispersant	Chemlex (water base) or Redox oil spill dispersant	Replacement cost plus 15% handling fee
Manpower	(a) Senior staff	S\$201.65 (inclusive of GST) per hour or S\$1,559.79 (inclusive of GST) per day
	(b) Refinery technician	S\$139.52 (inclusive of GST) per hour or S\$1,073.65 (inclusive of GST) per day
	(c) Contract workers	As per invoice received (as agreed at the time of the incident)
Others	Administrative charges	15% on total charges payable to Singapore Refining Company Private Limited

Notes:

(a) Per day rate for mooring boats is based on usage exceeding 8 hours per calendar day.

(b) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit and awaiting instructions (i.e. craft or equipment is not to be deployed for other duties).

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOFF LTD**


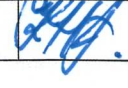
(H) VOPAK TERMINALS (PENJURU, BANYAN, SAKRA, SEBAROK, VTS) PTE LTD

CHEMICAL SPILL RESPONSE EQUIPMENT

ITEM	DESCRIPTION	RATES
Alcohol Resistant Film-Forming Fluoro-Protein (Alcohol Resistant-Aqueous Film-Forming Foam) fire fighting foam (C6 foam)	Angus Alcolseal 3-6	S\$8.18 (inclusive of GST) per litre
Respirator Protective Equipment	Full Face respirator with 3M multi gas cartridge; model 6006	S\$363.33 (inclusive of GST)
Respirator Protective Equipment	Half Face respirator with 3M multi gas cartridge; model 6006	S\$109.00 (inclusive of GST)
Gas Detector	4 in 1 personal gas detector (Draeger)	S\$1,744.00 (inclusive of GST)
Chemical Encapsulating Suit	AlphaTec® EVO type CV	S\$5,450.00 (inclusive of GST)
Self Contained Breathing Apparatus	PSS 5000 SCBA package (PSS 5000 DP TCS, Plus LDV P short, Draeger FPS-7000)	S\$1,635.00 (inclusive of GST)
Self Contained Breathing Apparatus Cylinder	Compressed air cylinder 9 L/300 bar, CC & EFV	S\$1526.00 (inclusive of GST)

Notes:

- (a) Items 2 to 7 listed above will be loaned on a free of charge basis. Replacement costs (as listed) and mobilisation cost (as invoiced) will be charged if items are not returned or are returned other than in original condition.

MPA	ITOPF
	

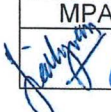

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOFF LTD**

(I) STOLTHAVEN SINGAPORE PTE LTD

ITEM	DESCRIPTION	RATES
Work boat	-	S\$4,500.00 (inclusive of GST) per day
Boom	Elastec Oil boom 10 x 30m	S\$8.00 (inclusive of GST) per metre per day
Skimmer	Elastec D10 Power Pac + TDS 118 Skimmer	S\$550.00 (inclusive of GST) per day
Oil storage system	Terminal oil slop tank.	S\$1.00 (inclusive of GST) per m ³ /day S\$150 (inclusive of GST) per ISO tank load + 15% fee
Oil disposal	Oil disposal via NEA license waste collector	As invoiced + 10% administrative charge
Sea spray system	Mounted onboard oil spill response boat	S\$300 (inclusive of GST) per day
Dispersant	Redox oil spill dispersant	As invoiced
Oil spill dispersant equipment servicing	Contract company	As invoiced + 10% administrative charge
Manpower	Supervisory/technical personnel	S\$150 (inclusive of GST) per hour
	Oil Spill operators	S\$100 (inclusive of GST) per hour
	Contract personnel	S\$70 (inclusive of GST) per hour

Notes:

(a) Standby rate per day or part thereof, will be charged at 50% of the daily rate, for the period that any craft or equipment listed in the table above is on standby at a forward storage area or base or in transit and awaiting instructions (i.e. craft or equipment is not to be deployed for other duties).

MPA	ITOPF
	

**SCHEDULE OF RATES TO MEMORANDUM OF UNDERSTANDING SIGNED BETWEEN
MARITIME AND PORT AUTHORITY OF SINGAPORE AND ITOPF LTD**

(I) STOLTHAVEN SINGAPORE PTE LTD

CHEMICAL SPILL RESPONSE EQUIPMENT

ITEM	DESCRIPTION	RATES
Self Contained Breathing Apparatus (SCBA)	PSS 5000 DP SCS	S\$200.00 (inclusive of GST) / day
Self Contained Breathing Apparatus	PSS 5000 SCBA package	S\$200.00 (inclusive of GST) / day
Self Contained Breathing Apparatus Cylinder	RESA-FZ1-ALBIO-A Honeywell "FENZY" Bioline,1816069	S\$300.00 (inclusive of GST) / day
Chemical Full Encapsulated Suit (Consumable)	Lakeland ICT660 Interceptor	S\$1652.00 (inclusive of GST)
Chemical splash suit (Consumable)	Lakeland CT3S428E / Disposable Coverall with White Hood	S\$7.00 (inclusive of GST) per piece
Full Face Respirator (Consumable)	Drager Xpore 6300	S\$200.00 (inclusive of GST)
Portable Gas Detector	Ventis Pro 5	S\$100.00 (inclusive of GST) / day
Personal Gas Detector	MX4 VENTIS® MX4 (O2)	S\$60.00 (inclusive of GST) / day
Photoionization Detector	ppbRAE 3000,	S\$500.00 (inclusive of GST) / day

Note:

- (a) Consumables that are not used (remain in their packaging and have not otherwise been damaged) can be returned.

MPA	ITOPF
