

Waters Pacific Pte Ltd

1 Science Park Road, #02-08 The Capricorn, Singapore Science
Park II, Singapore 117528

☒	Original (please process)
☐	Confirming (do not duplicate)
☒	Quote Attached
Purchase Order Number	
WPPL-OP-020	

Supplier	
Flex	
1 Kallang Pl, Singapore 339211	
Fax Number +65.6842.3739	
Phone:	+65.6507.6507

Requested by:	Luo HuaZhen	Tel	6593.7044
Date:	20.May.20	Mail Stop	
Deliver to:		Ext.	
Department:	WPPL	Mail Stop	
Ship to Location:	1 Science Park Road,#02-08 The Capricorn, Singapore Science Park II, S 117528		

P.O. Date	Delivery Date			Terms	Taxable	Freight		F.O.B		Ship Via	Confirming to	Buyer
20.May.20				30 Days							Amy Xu	Luo HuaZhen
Item	Qty	U/M	Manufacturer's Part Number	Description				Unit Price	Total Price (USD)	G/L Account Number (Financial Line/Account No.)		CEA Number
1	1	EA	N/A	Subtotal Calibration Cost (Instrument)				\$ 1,009.12	\$ 1,009.12	WP21 615150		
2	1	EA	N/A	Subtotal Calibration Cost (PCBA)					\$ -	WP21 615150		
3	1	EA	N/A	At hoc-Spare and Misc				\$ 3,602.36	\$ 3,602.36	WP21 615150		
4												
5												
6				Kindly quote our PO number on all your documents.								
7												
8												
9												
10												
11												
12												
13												
14												
15												
Grand Total - USD									\$4,611.48			

Remarks

Approvals 1. Edwin 29th May 2020
Edwin Koh, Snr Operations Manager

2
Alan Tan, Snr Finance Manager

Purchasing Copy



Summary	Amount (US\$)	
Calibration Cost- Box Build	USD	1,009.12
Calibration Cost-PCBA	USD	-
At hoc-Spare and Misc	USD	3,602.36
Total	USD	4,611.48

Verified By: HZ 21 May 2020

Internal Calibration for Equipment used in Waters@Kallang Place

April 2020 Internal Calibration

Sum	\$	873.70
SG&A	\$	43.69
Profit	\$	91.74
Subtotal Internal Calibration		\$ 1,009.12

S/N	EQID	OWNER	Equipment Description	MANUFACTURER	MODEL	SERIAL NO.	CAL INTERVAL	CALIBRATION DATE	DUE DATE	COST (US\$)	Remarks
1	0207	Joel Mamalateo Deduyo	Column Heater	Waters	WAT091727	M03CHM015R	12 Months	03-Apr-20	03-Apr-21	\$ 33.34	
2	0208	Joel Mamalateo Deduyo	Column Heater	Waters	WAT091727	E01CHM203R	12 Months	03-Apr-20	03-Apr-21	\$ 33.34	
3	0238	Joel Mamalateo Deduyo	Column Heater	Waters	WAT038040	MX6KM9444M	12 Months	02-Apr-20	02-Apr-21	\$ 33.34	
4	0458	Joel Mamalateo Deduyo	Auto Pressure (Flowcell Tester)	Waters	NA	TE-82475-2	12 Months	09-Apr-20	09-Apr-21	\$ 141.94	
5	1429	Joel Mamalateo Deduyo	2489 UV / Visible Detector	Waters	186248900	D1387E759A	12 Months	09-Apr-20	09-Apr-21	\$ 105.29	
6	1430	Joel Mamalateo Deduyo	2489 UV / Visible Detector	Waters	186248900	D1387E763A	12 Months	09-Apr-20	09-Apr-21	\$ 105.29	
7	1431	Joel Mamalateo Deduyo	2489 UV / Visible Detector	Waters	186248900	D1387E765A	12 Months	09-Apr-20	09-Apr-21	\$ 105.29	
8	1432	Joel Mamalateo Deduyo	2489 UV / Visible Detector	Waters	186248900	D1387E766A	12 Months	03-Apr-20	03-Apr-21	\$ 105.29	
9	1433	Joel Mamalateo Deduyo	2489 UV / Visible Detector	Waters	186248900	C1387E135M	12 Months	08-Apr-20	08-Apr-21	\$ 105.29	
10	2351	Joel Mamalateo Deduyo	2489 UV / Visible Detector	Waters	186248900	D1887E275A	12 Months	08-Apr-20	08-Apr-21	\$ 105.29	

Verified By: HZ 21 May 2020

External Calibration for Equipment used in Waters@Kallang Place

April 2020 External Calibration

SUM	USD	-
10% Support Cost	USD	-
Subtotal	USD	-

Conversion rate 1.4338

S/N	EQID	OWNER	Equipment Description	MANUFACTURER	MODEL	SERIAL NO.	CAL INTERVAL	CAL DATE	PO	Cost USD	Cost SGD	VENDOR	Remarks
1	0500	Joel Mamalateo Deduyo	Electronic Weigh Balance	AND	HR200	12326184	06 Months	15-Apr-20	NA	USD 0.00	SGD 0.00	Micro Precision	Customer Paid
2	2035	Joel Mamalateo Deduyo	Electronic Weigh Balance	AND	HR200	12336741	06 Months	15-Apr-20	NA	USD 0.00	SGD 0.00	Micro Precision	Customer Paid
3	2092	Joel Mamalateo Deduyo	Electronic Weigh Balance	AND	HR200	12337042	06 Months	15-Apr-20	NA	USD 0.00	SGD 0.00	Micro Precision	Customer Paid

Verified By: HZ 21 May 2020

Preventive Maintenance for Equipment used in Waters@Kallang Place

April 2020 Internal Calibration

Sum \$ 1,209.72
 SG&A \$ 60.49
 Profit \$ 127.02
Subtotal Internal Calibration \$ 1,397.23

S/N	PM EQID	OWNER	Equipment Description	MANUFACTURER	MODEL	SERIAL NO.	PM INTERVAL	PM DATE	DUE DATE	COST (US\$)	Remarks
1	PM 03319	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT091728	J99TCM867R	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03319
2	PM 03320	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT038000	G01TCM633M	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03320
3	PM 03321	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT038000	MX4MM6882M	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03321
4	PM 03322	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT091728	MX5DM2250R	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03322
5	PM 03323	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT038000	H01TCM643M	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03323
6	PM 03324	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT038000	MX5MM4884M	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03324
7	PM 03325	Joel Mamalateo Deduyo	Temperature Control Module	Waters	WAT091728	E97TCM153R	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03325
8	PM 03326	Joel Mamalateo Deduyo	Temperature Control Module 2	Waters	186002441	A18TC2481G	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03326
9	PM 03327	Joel Mamalateo Deduyo	Temperature Control Module 2	Waters	186002441	B18TC2495G	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03327
10	PM 03328	Joel Mamalateo Deduyo	Temperature Control Module 2	Waters	186002441	F13TC2204G	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03328

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11	PM 03329	Joel Mamalateo Deduyo	Temperature Control Module 2	Waters	186002441	F13TC2180G	12 Months	02-Apr-20	02-Apr-21	\$ 33.40	 PM 03329
12	PM 03372	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT364A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03372
13	PM 03373	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT361A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03373
14	PM 03374	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	K09UPT215A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03374
15	PM 03375	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT362A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03375
16	PM 03371	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT366A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03371
17	PM 03376	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT363A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03376
18	PM 03377	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT360A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03377
19	PM 03378	Joel Mamalateo Deduyo	TUV Detector	Waters	186015028	M09UPT359A	12 Months	17-Apr-20	17-Apr-21	\$ 105.29	 PM 03378

Spare Parts used in Waters@Kallang Place

April 2020 Calibration

SUM	\$ 1,532.71
COA	\$ 153.27
Total sum	\$ 1,685.98

S/N	Date	DESCRIPTION	Part no	BAAN No.	Quantity	Cost (US\$)/EA	Remarks
1	03-Apr-20	MASK,M1,2998	WAT-405002546	WAT-405002546	1	\$ 2.6600	For 2998 Box build flowcell noise tester s/n: G08998943N (TE186002698) failed on noise test.
2	03-Apr-20	WEDGE, REFERENCE DIODE	WAT-405002559	WAT-405002559	1	\$ 6.9000	For 2998 Box build flowcell noise tester s/n: G08998943N (TE186002698) failed on noise test.
3	03-Apr-20	PLATE,BEAMSPLITTER LC/	WAT-402000201	WAT-402000201	1	\$ 22.0000	For 2998 Box build flowcell noise tester s/n: G08998943N (TE186002698) failed on noise test.
4	09-Apr-20	PHOTODIODE S-1227-66 BQ MATCH	WAT-WAT081100	WAT-WAT081100	1	\$ 45.6500	For 2489 box build 186248900 s/n: D1387E765A @ Final test 1 Port 3 due to noise failure during calibration.
5	14-Apr-20	ASSY, HB DEUTERIUM LAMP	WAT-402000351	WAT-402000351	6	\$ 153.6260	For 2489 box build 186248900 s/n: H1387E735A, H1387E730A,H1387E737A,H1387E734A, C1387E135M,H1387E727A due to lamp expiry hours.(Exceed 2000 hrs)
6	15-Apr-20	INLINE FILTER ASSY	WAT-WAT035190	WAT-WAT035190	5	\$ 13.4000	For CHM s/n: L97CHM711M, MX6JM7867M, MX6KM9444M, M03CHM015R and E01CHM203R as part of maintenance.
7	16-Apr-20	FAN ASSY, 4.62 IN, 85 CFM	WATH-WAT270361	WATH-WAT270361	2	\$ 14.9500	For TE82526 and TE82526-2 due to fail to home.
8	24-Apr-20	PWR SUP DC 80W MULTI-OUTPUT RM	WATH-279003674	WATH-279003675	1	\$ 40.0000	For 2489 box build (to test spare bench) 186002487 s/n:L0787E095M due to filter initialization failure.
9	24-Apr-20	POWER SUPPLY, HB LAMP HAMAMATS	WAT-279001105	WAT-279001105	2	\$ 101.4600	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: M09UPT361A due to noise failure and K09UPT215A due to filter initialization failure.
10	28-Apr-20	MIRROR, 3X ELLIPSOIDAL DT	WAT-402000170	WAT-402000170	1	\$ 92.0000	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to corrosion on the side of the body.
11	28-Apr-20	HOLDER WINDOW	WAT-WAT081336	WAT-WAT081336	1	\$ 2.2190	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to oxides found on mirror surface.
12	28-Apr-20	WINDOW, OPTICS COVER	WAT-WAT080244	WAT-WAT080244	1	\$ 4.2000	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to oxides found on mirror surface.
13	28-Apr-20	FILTER, 2ND ORDER	WAT-WAT081066	WAT-WAT081066	1	\$ 3.5200	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to oxides found on mirror surface.
14	28-Apr-20	FILTER, ERBIUM CALIBRATION	WAT-WAT081065	WAT-WAT081065	1	\$ 32.9600	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to oxides found on mirror surface.
15	28-Apr-20	FILTER WHEEL, 2487	WAT-415000231	WAT-415000231	1	\$ 1.0200	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to broken holder.(wear and tear)
16	28-Apr-20	GRATING, 1800 G/MM,W HOLDER	WAT-WAT081308	WAT-WAT081308	1	\$ 58.0000	For TUV box build p/n: 186005028 @ BSM / QSP Final Tester s/n: K09UPT215A due to oxides and dirt found on mirror surface.

Verified By: HZ 21 May 2020

Others (Fixture, repairs etc)

April 2020 Calibration

SUM	USD	471.96
10% Support Cost	USD	47.20
Subtotal Others	USD	519.16

Conversion rate 1.4338

S/N	Date	Element / Activity	Quantity	Cost SGD	Cost (US\$)	Remarks	Attachment
1	27.Apr.20	PM for GES units (S/no: C1525P993A)	1	\$ 338.35	USD 235.98	1. Man-hours – from collection/domestic cleaning/ testing process) – 3.5 hours - Replaced 8 CHECK VALVE CARTRIDGE p/n: WAT-289000144 - \$10.95 each (\$87.6 - Sum of 8 check valves) - Replaced 4 Assy PLUNGER, p/n: WAT-WAT207069 - \$15.14 each (\$60.56 - Sum of 4 Assy plunger) - Replaced 4 WASHER,.375X.250X.005,TFE p/n: WAT-WAT026572 - \$0.08 each (\$0.32 - Sum of 4 washer)	 C1525P993A
2	30.Apr.20	PM for GES units (S/no: C0925P516A)	1	\$ 338.35	USD 235.98	1. Man-hours – from collection/domestic cleaning/ testing process) – 3.5 hours - Replaced 8 CHECK VALVE CARTRIDGE p/n: WAT-289000144 - \$10.95 each (\$87.6 - Sum of 8 check valves) - Replaced 4 Assy PLUNGER, p/n: WAT-WAT207069 - \$15.14 each (\$60.56 - Sum of 4 Assy plunger) - Replaced 4 WASHER,.375X.250X.005,TFE p/n: WAT-WAT026572 - \$0.08 each (\$0.32 - Sum of 4 washer)	 C0925P516A

Verified By: HZ 21 May 2020

HuaZhen Luo

From: HuaZhen Luo <HuaZhen_Luo@waters.com>
Sent: Friday, 15 May, 2020 12:21
To: Joel Mamalateo Deduyo; Mohammad Shamsul Bin Afandi
Subject: Re: Claim For the month of Apr 20

Hi Shamsul,

Thanks for update.
Please go ahead with claim.

Thanks
HuaZhen

Get [Outlook for Android](#)

From: Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>
Sent: Thursday, May 14, 2020 6:16:27 PM
To: HuaZhen Luo <HuaZhen_Luo@waters.com>; Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>
Subject: [EXT] RE: Claim For the month of Apr 20

ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen,

For your perusal and approval.
Please refer to below updated table for the claims.

1	03-Apr-20	MASK,M1,2998	WAT-405002546	WAT-405002546	1	\$ 2.6600	For 2998 Box build flowcell noise tester s/n
2	03-Apr-20	WEDGE, REFERENCE DIODE	WAT-405002559	WAT-405002559	1	\$ 6.9000	For 2998 Box build flowcell noise tester s/n
3	03-Apr-20	PLATE,BEAMSPLITTER LC/	WAT-402000201	WAT-402000201	1	\$ 22.0000	For 2998 Box build flowcell noise tester s/n

4	09-Apr-20	PHOTODIODE S-1227-66 BQ MATCH	WAT-WAT081100	WAT-WAT081100	1	\$ 45.6500	For 2489 box build 186248900 s/n: D1387E7 calibration.
5	14-Apr-20	ASSY, HB DEUTERIUM LAMP	WAT-402000351	WAT-402000351	6	\$ 153.6260	For 2489 box build 186248900 s/n: H1387E7 C1387E135M,H1387E727A due to lamp exp
6	15-Apr-20	INLINE FILTER ASSY	WAT-WAT035190	WAT-WAT035190	5	\$ 13.4000	For CHM s/n: L97CHM711M, MX6JM7867M part of maintenance.
7	16-Apr-20	FAN ASSY, 4.62 IN, 85 CFM	WATH-WAT270361	WATH-WAT270361	2	\$ 14.9500	For TE82526 and TE82526-2 due to fail to ho
8	24-Apr-20	PWR SUP DC 80W MULTI-OUTPUT RM	WATH-279003674	WATH-279003675	1	\$ 40.0000	For 2489 box build (to test spare bench) 186 failure.
9	24-Apr-20	POWER SUPPLY, HB LAMP HAMAMATS	WAT-279001105	WAT-279001105	2	\$ 101.4600	For TUV box build p/n: 186005028 @ BSM / failure and K09UPT215A due to filter initializ
10	28-Apr-20	MIRROR, 3X ELLIPSOIDAL DT	WAT-402000170	WAT-402000170	1	\$ 92.0000	For TUV box build p/n: 186005028 @ BSM / on the side of the body.
11	28-Apr-20	HOLDER WINDOW	WAT-WAT081336	WAT-WAT081336	1	\$ 2.2190	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
12	28-Apr-20	WINDOW, OPTICS COVER	WAT-WAT080244	WAT-WAT080244	1	\$ 4.2000	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
13	28-Apr-20	FILTER, 2ND ORDER	WAT-WAT081066	WAT-WAT081066	1	\$ 3.5200	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
14	28-Apr-20	FILTER, ERBIUM CALIBRATION	WAT-WAT081065	WAT-WAT081065	1	\$ 32.9600	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
15	28-Apr-20	FILTER WHEEL, 2487	WAT-415000231	WAT-415000231	1	\$ 1.0200	For TUV box build p/n: 186005028 @ BSM / holder.(wear and tear)
16	28-Apr-20	GRATING, 1800 G/MM,W HOLDER	WAT-WAT081308	WAT-WAT081308	1	\$ 58.0000	For TUV box build p/n: 186005028 @ BSM / dirt found on mirror surface.

Below table is the claim of items **for GES units** send over for Preventive Maintenance.

1	24-Apr-20	CHECK VALVE CARTRIDGE	WAT-289000144	WAT-289000144	16	\$ 10.9500	For GES unit s/n: C1525P993A and C09251
2	24-Apr-20	WASHER,.375X.250X.005,TFE	WAT-WAT026572	WAT-WAT026572	8	\$ 0.0800	For GES unit s/n: C1525P993A and C09251
3	24-Apr-20	ASSY PLUNGER	WAT-WAT207069	WAT-WAT207069	8	\$ 15.1400	For GES unit s/n: C1525P993A and C09251

Thank You,
Shamsul

From: HuaZhen Luo [mailto:HuaZhen_Luo@waters.com]

Sent: Thursday, May 14, 2020 4:45 PM

To: Joel Mamalateo Deduyo; Mohammad Shamsul Bin Afandi
Subject: RE: Claim For the month of Apr 20

Hi Joel/Shamsul,

Understand that you're working hard to maintain the tester/equipment in a good condition.

Please update the parts list table, correct these highlight in yellow and send for claim.

Thank you

Luo HuaZhen
Senior Test Engineer

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[W] www.waters.com
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Waters
THE SCIENCE OF
WHAT'S POSSIBLE.™

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1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528

From: Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>

Sent: Thursday, 14 May, 2020 10:19

To: HuaZhen Luo <HuaZhen_Luo@waters.com>; Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>

Subject: [EXT] RE: Claim For the month of Apr 20

ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen,

Understand you concern but if you look on those serial numbers that Sham replaced the parts, are all 10 years old series, the cheapest way is to replace the degraded parts over time due to corrosion, due unable to pass testing. Looking on samples submitted, are all exhibit corrosion over time. It's a good thing he do not replace the whole optic bench.

As for CPU, I will return back to Production as you don't need it already

Best Regards,



Joel Mamalateo Deduyo

Senior Test Engineer

1 Kallang Place

Singapore 339211

direct: +65 6507 5982

mobile: +65 9685 8678

email: JoelMamalateo.Deduyo@flex.com

web: flex.com

From: HuaZhen Luo <HuaZhen_Luo@waters.com>

Sent: Wednesday, May 13, 2020 7:01 PM

To: Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>

Cc: Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>

Subject: RE: Claim For the month of Apr 20

Hi Shamsul,

Since item 8 CPU board wasn't be used, can you please return for production use and remove it from this list?

Also the number of items claimed is too many, it gives impression like we're simply replacing all related items instead of accurately troubleshooting/repair. People will have doubts on troubleshooting skill?

Hi Joel, have you verified those replaced items are faulty condition?

Please kindly let me know if you have different view on this list.

Thank you, Shamsul for your hardworking.

Luo HuaZhen
Senior Test Engineer

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1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528

From: Mohammad Shamsul Bin Afandi <mohammadshamsul.binafandi@flex.com>
Sent: Wednesday, 13 May, 2020 10:07
To: HuaZhen Luo <HuaZhen_Luo@waters.com>
Cc: Joel Mamalateo Deduyo <joelmamalateo.deduyo@flex.com>
Subject: [EXT] Claim For the month of Apr 20

ATTENTION: This email originated from outside of the organization. Please do not open any attachments or click any links unless you recognize the sender and know the content is safe.

Hi Hua Zhen,

For your perusal and approval.

Attached are the pictures of wear and tear parts.(Item 1 to 3 and 11 to 17)

Below table are the items need to be claim for **In house tester**.

S/N	Date	DESCRIPTION	Part no	BAAN No.	Quantity	Cost (US\$)/EA	
1	03-Apr-20	MASK,M1,2998	WAT-405002546	WAT-405002546	1	\$ 2.6600	For 2998 Box build flowcell noise tester s/n
2	03-Apr-20	WEDGE, REFERENCE DIODE	WAT-405002559	WAT-405002559	1	\$ 6.9000	For 2998 Box build flowcell noise tester s/n
3	03-Apr-20	PLATE,BEAMSPLITTER LC/	WAT-402000201	WAT-402000201	1	\$ 22.0000	For 2998 Box build flowcell noise tester s/n
4	09-Apr-20	PHOTODIODE S-1227-66 BQ MATCH	WAT-WAT081100	WAT-WAT081100	1	\$ 45.6500	For 2489 box build 186248900 s/n: D1387E calibration.

5	14-Apr-20	ASSY, HB DEUTERIUM LAMP	WAT-402000351	WAT-402000351	6	\$ 153.6260	For 2489 box build 186248900 s/n: H1387E135M,H1387E727A due to lamp exp
6	15-Apr-20	INLINE FILTER ASSY	WAT-WAT035190	WAT-WAT035190	5	\$ 13.4000	For CHM s/n: L97CHM711M, MX6JM7867M part of maintenance.
7	16-Apr-20	FAN ASSY, 4.62 IN, 85 CFM	WATH-WAT270361	WATH-WAT270361	2	\$ 14.9500	For TE82526 and TE82526-2 due to fail to h
8	24-Apr-20	ASSY, PCB, 3VCCPU AHCT	WATH-210000520	WATH-210000520	1	\$ 72.9900	For WPPL verification purpose.(Attn Hua Zh
9	24-Apr-20	PWR SUP DC 80W MULTI-OUTPUT RM	WATH-279003674	WATH-279003675	1	\$ 40.0000	For 2489 box build (to test spare bench) 186 failure.
10	24-Apr-20	POWER SUPPLY, HB LAMP HAMAMATS	WAT-279001105	WAT-279001105	2	\$ 101.4600	For TUV box build p/n: 186005028 @ BSM / failure and K09UPT215A due to filter initiali
11	28-Apr-20	MIRROR, 3X ELLIPSOIDAL DT	WAT-402000170	WAT-402000170	1	\$ 92.0000	For TUV box build p/n: 186005028 @ BSM / on the side of the body.
12	28-Apr-20	HOLDER WINDOW	WAT-WAT081336	WAT-WAT081336	1	\$ 2.2190	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
13	28-Apr-20	WINDOW, OPTICS COVER	WAT-WAT080244	WAT-WAT080244	1	\$ 4.2000	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
14	28-Apr-20	FILTER, 2ND ORDER	WAT-WAT081066	WAT-WAT081066	1	\$ 3.5200	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
15	28-Apr-20	FILTER, ERBIUM CALIBRATION	WAT-WAT081065	WAT-WAT081065	1	\$ 32.9600	For TUV box build p/n: 186005028 @ BSM / found on mirror surface.
16	28-Apr-20	FILTER WHEEL, 2487	WAT-415000231	WAT-415000231	1	\$ 1.0200	For TUV box build p/n: 186005028 @ BSM / holder.(wear and tear)
17	28-Apr-20	GRATING, 1800 G/MM,W HOLDER	WAT-WAT081308	WAT-WAT081308	1	\$ 58.0000	For TUV box build p/n: 186005028 @ BSM / dirt found on mirror surface.

Below table is the claim of items **for GES units** send over for Preventive Maintenance.

1	24-Apr-20	CHECK VALVE CARTRIDGE	WAT-289000144	WAT-289000144	16	\$ 10.9500	For GES unit s/n: C1525P993A and C0925
2	24-Apr-20	WASHER,.375X.250X.005,TFE	WAT-WAT026572	WAT-WAT026572	8	\$ 0.0800	For GES unit s/n: C1525P993A and C0925
3	24-Apr-20	ASSY PLUNGER	WAT-WAT207069	WAT-WAT207069	8	\$ 15.1400	For GES unit s/n: C1525P993A and C0925

Thank You,
Shamsul

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