

Waters Corporation
US Capital Expenditure Authorization (CEA) Form
Version - January 2007

Corporate Finance Use

CEA WPPL19008

Account 170100

I. General Information

1. Description of Asset(s) and Project: ICT FIXTURE DEVELOPMENT FOR 210001344

2. Department Name: Waters Pacific Pte Ltd - Operations 3. Cost Center: WP21 4. Company Code: SG02

5. Requestor: Luo HuaZhen Telephone: (65) 6593 7044

6. Financial Analyst: Liyi Ang Telephone: (65) 6593 7425

7. ☒ Original CEA Request or ☐ Supplemental Request - Original CEA: _____

8. Will asset(s) reside at a Waters facility? ☐ Yes - City: _____ State: _____
☒ No - Company Name, Address & Contact: Flextronic Malaysia, PLO226, Jalan Cyber 1, Kawasan Perindustrian Senai III, Senai, Johor 81400 Malaysia, Kar Chuon Chan

II. Summary of Budget and Requested Amounts

Budget and Requested Amounts:		Cost Components Including Supplemental Amount:		Tax Department Use
9. Budget	\$ 17,543	15. Purchased Materials - External Vendors	\$ 17,543	
10. Original CEA Amount	\$ 17,543	16. Services		
11. Supplemental Amount		17. Consulting / Contractors - External Labor		
12. Total CEA Amount	\$ 17,543	18. Waters Employee Labor		
		19. Waters Stock Withdrawal / Internal Purchase @ Mfg Cost		
13. (Over)/ Under Budget	\$ -	20. Total CEA Amount	\$ 17,543	

14. Is this a purchase from a Waters subsidiary? ☒ no ☐ yes - Transfer Price Amount: _____

III. Identifiable Asset(s) and Project Components

21. Description	22. Quantity	23. Cost / Each	24. Total Cost	25. Useful Life/Years
ICT Fixture for PCB 210001344	1	17,543	\$ 17,543	5
			\$ 17,543	

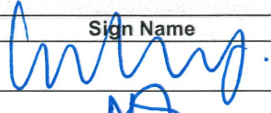
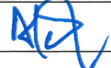
IV. Approvals

One operational and one financial approval is required from within the same division for CEA's up to \$1M. See matrix below.
Obtaining a higher level of approval within the Operational and Financial categories is allowed.
See instructions for additional details regarding approval requirements.

Highest Level of Approvals Required

	Operational	Financial
Budgeted up to \$100k	Cost Center Manager	Financial Analyst
Unbudgeted up to \$100k	Cost Center Manager	Controller
Budgeted & Unbudgeted up to \$250k	Division V.P.	Division V.P., Finance
Budgeted & Unbudgeted up to \$1M	Division President for Division, V.P. Finance for Corporate	Division V.P., Finance for Division, C.F.O. for Corporate
Budgeted & Unbudgeted over \$1M	Division President & C.E.O.	Division V.P., Finance & C.F.O.

26. Required Approvals up to \$1M

	Print Name	Sign Name	Date
Operational	LIM EE LING		14/5/19
Financial	ALAN TAN		13/5/19

Corporate Finance Approval (Initial & Date) _____

Entered Into SAP (Initial & Date) _____

V. Purpose

☐ Health & Safety	☐ Development of Revenue
☐ Regulatory Requirement	☐ Cost Reduction Program
☐ Maintain Existing Asset	
☐ Replace Existing Asset	
☒ Other.....	

Asset # & Date Acquired: _____
 ICT Fixture for PCB 210001344

27. Please provide background information, reason for request, additional description of item/project and economics of proposal.

To develop an ICT test fixture by local supplier, Petracarbon to replace the old ICT Fixture for PCB 210000355. This is due to respin of PCBA 2100001344 due to Altera EOL project.

VI. Tax Information

28. Is this capital expenditure directly *and* exclusively related to manufacturing or R&D and to be used in a non-administrative capacity?..... ☒ Yes ☐ No

29. If 28 "Yes", will it be used for pollution control or waste removal?..... ☐ Yes ☒ No

30. If this capital expenditure is for R&D only, will it be used for quality control?..... ☐ Yes ☒ No

31. Is this capital expenditure for a repair to or enhancement of real property (i.e. building or land)?..... ☐ Yes ☒ No

32. If 31 "Yes", will there be a contractor providing labor and materials?..... ☐ Yes ☐ No

33. If 31 "Yes", is the project a lump sum contract or will materials and labor be billed separately?..... ☐ Yes ☐ No

VII. Timing of Project

	Current Year				Next Year	Total
	Q1	Q2	Q3	Q4	Carryover	
Approvals (k\$)		17.54				
Spending (k\$)		17.54				

VIII. Budget

	Current Year			
	Q1	Q2	Q3	Q4
34. What quarter was this budgeted in?		17.54		

35. Provide explanation if CEA is unbudgeted (partially or fully).

IX. Additional Approvals

36. Required Approvals up to \$1M

	Print Name	Sign Name	Date
Operational			
Financial			

37. Other Approvals, Not Required

	Print Name	Sign Name	Date
TEST ENGINEERING			

PETRACARBON PTE LTD

1001 REDHILL INDUSTRIAL ESTATE 094-01 / 04 JALAN BUKIT MERAH, SINGAPORE 159-455
FAX : (65) 6233121 / 62781625 TEL : (65) 62718808 / 62718582

ATTENTION : Mr. HuaZhen Luo	DATE : 29-Apr-19
CC :	PAGE : 1 OF 1
COMPANY : Watani Pacific Pw Ltd	FAX :
FROM : KS Chan	REF. : A18300/02/19r1
SUBJECT : QUOTATION FOR Teradyne TS(GR118X) ICT FIXTURE & PROGRAM	
MODEL : 210001344	Single up

QUOTATION FOR Teradyne(GR) FIXTURE INCLUDES :-		Qty
1)	FIXTURE KIT	1
2)	ENGINEERING COST	1
3)	PROBES AND RECEPTACLES, DRILLING, WIRING	
	100MILS	652
	75MILS	151
	50MILS	1
	39MILS	0
4)	TRANSFER PROBE FOR TOP ACCESS PROBING	0
5)	TOP CLAMP(With metal casing)	1
6)	DEM CARD	1
7)	OPEN EXPRESS	9
8)	CAP EXPRESS	0
9)	FRAMESCAN FX MUX CARD	0
10)	FRAMESCAN FX AMP/SENSOR PLATE	0
11)	FRAMESCAN FX(CAP) AMP/SENSOR PLATE	0
12)	SWITCH PROBES	16
13)	BGA BLOCKS & CONNECTOR PRESS BLOCK	0
14)	LED SENSOR	0
15)	SIDE ACCESS MECHANISM	0
16)	BOARD PRESENCE CHECK	1
17)	INTEGRATION OF BARCODE SCANNER(INCLUDE SCANNER & HOLDER)	1
18)	STRAIN GAGE TEST - U43	4
19)	PRE-CUSTOMISED MOULD VACUUM SEALING & SPRINGS	
20)	TOOLING PINS	2
21)	DUST COVER WITH BLIND-HOLE DRILLING + COUNTER	
22)	DOCUMENTATION, NODE MAPS & PLOTTING	

PRICE FOR THE FIXTURE HARDWARE USD 11,136

QUOTATION FOR ICT TEST SOFTWARE DEVELOPMENT INCLUDES :

(Teradyne(GR) STANDARD LIBRARY)

- 1) PROCESSING OF CKT FILE
- 2) IPG TEST GENERATION (STANDARD LIBRARIES IN Teradyne(GR) ONLY)
- 3) TEST PROGRAM DEBUGGING AND FINE-TUNING AT CUSTOMER'S PREMISE
- 4) TEST COVERAGE REPORTS GENERATION

PRICE FOR SOFTWARE DEVELOPMENT USD 4,157

OPTIONAL ITEMS:

- 1) AUDIBLE SOUND TEST FOR D59(With Sensor) USD 750.00
- 2) IN-SYSTEM PROGRAMMING FOR U79 USD 1,500.00
(With integration of external programmer)

PRICE FOR OPTIONAL ITEMS USD 2,250.00

TOTAL PRICE FOR ALL ABOVE ITEMS USD 17,543