



# SOW Amendment #5

**ABCD PRODUCT DEVELOPMENT & MAINTENANCE**

**(Time Clock Project Phase 1)**

**Service Period: 01-Jul-2023 ~ 30-Sep-2023**

Version 0.2

Thursday, February 29, 2024

**HCL**

**Revision History**

Version No.	Date	Prepared/ Updated By	Reviewed By	Summary of Changes
0.1	20-Jun-2023	HCL	ABCD	Initial Draft
0.2	27-Jun-2023	HCL	ABCD	Updated Project requirements in UDM- Team 2 & 3

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## 1. Amendment #5 to SOW 'ABCD Time Clock Project Phase 1'

In pursuant to Master Service Agreement between ABCD and HCL Technologies Ltd. dated **10-Aug-2022**.

THIS AMENDMENT HCLABCD-TIMECLOCK-01072023-30092023 ("Amendment") is made effective 01 Jul, 2023 between ABCD, a Delaware corporation ("Client"), with its principal place of business at 2000 ABCD Way Weston, Florida and HCL America Inc., HCL Technologies Ltd., ("Supplier") with its corporate office at Technology Hub, SEZ, Plot No. 3A, Sector 126, Noida – 201304, India & HCL Technologies Corporate Services Limited to amend a certain SOW (SOW Reference # HCLABCD-TIMECLOCK-01102022-30092023).

Referred herein to as "ABCD Time Clock Project Phase 1 Amendment #5" that the terms of the Services shall be as per below. All other terms and conditions present in "ABCD Time Clock Project Phase 1" will be applicable.

This SOW is subject to and governed by the terms of the MASTER SERVICES AGREEMENT dated **10-Aug-2022** ("Agreement" or "MSA"). In the event of a conflict in terms between this SOW and the Agreement, the terms of this SOW shall prevail. Capitalized terms used herein that are otherwise undefined shall have the respective meanings ascribed to such terms in the Agreement.

## 2. Project Requirements

Below is the list of features which are planned at the time of contract. Being a Time & Material engagement, this may change or required to be revisited depending on priorities, refined estimation, and team bandwidth during the execution of project.

### Requirements for Device Team / Team 1:

S. No.	Requirement	Description	Timeline
1	Regression Testing	<ol style="list-style-type: none"> <li>1. Execute regression test suite on DX and G2 devices</li> <li>2. Execute regression test suite for V3 as and whenever there is a new release</li> <li>3. Update Test Cases as per DX and G2 devices</li> <li>4. Add uncovered or missing test cases</li> <li>5. Execute automation test cases as part of Regression test.</li> <li>6. Analyze existing test cases.</li> <li>7. Generate reports on daily basis</li> </ol>	Jul' 23 – Sep' 23
2	User Stories	<ol style="list-style-type: none"> <li>1. Creation of new test cases and execution of created test cases</li> <li>2. Support in new features testing</li> </ol>	
3	Automation Testing	<ol style="list-style-type: none"> <li>1. Identify the test cases which can be automated for DX and G2 devices</li> <li>2. Create automation scripts for the test cases for DX and G2 devices</li> <li>3. Analyze IntouchV3 device automation test scripts.</li> <li>4. Run automation test scripts for all the devices</li> <li>5. Create a demo of automation on DX and G2 devices</li> <li>6. Generate reports for automation results</li> </ol>	

**Requirements for UDM / Device Management Team / Team 2 & 3:**

S. No.	Requirement	Description	Timeline
1	UDM Angular EPICs DIM-486981 DIM-542278 DIM-541643 DIM-516706 DIM-541632 DIM-416825	Finish the development, functional & automated testing of the pending stories referenced in the Sept. Quarter and any carryover from the June Quarter (preferably in the first two sprints). <ul style="list-style-type: none"> <li>Implement SBS/FBS UI Configuration</li> <li>Implement new Delete Biometrics Tab</li> <li>Themability and Main Menu Backlog</li> <li>Auto Firmware: add link to release notes</li> <li>Technical Debt &amp; Tests</li> <li>Angular UI Tech Debt</li> </ul>	Jul' 23 – Sep' 23
2	Unit Testing	Fix the Unit Test issues generated in legacy code and achieve the <i>minimum</i> code coverage of 70%.	
3	QA Issue Fixes	Fix the Angular issues discovered by ABCD QA team during testing and upgrade any unit tests for issues found.	
4	Automation Tasks	Finish the automation scripting of all Angular stories and correct any that may have missed and found by the US Team. Automate all the test cases through Jenkins pipeline.	
5	Knowledge Transfer DIM-524835	Work with ABCD to transfer knowledge on the work that was done to refactor the interface to Angular.	
6	Other non- Angular work**	If all work referenced above is completed before the end of the September Quarter, HCL may work on other development and QA tasks in the ABCD work queue.	

\*\* Considering HCL team's expertise in Angular development, any non-Angular work assigned shall be reasonably aligned with Angular or related technologies.

S.No.	Requirement	Description	Timeline
1	DIM-486003, DIM-495284	Finish the development, functional & automation testing of pending stories from the previous quarter- <ul style="list-style-type: none"> <li>- Softkey Settings,</li> <li>- Softkey Schedules,</li> <li>- Dashboard devices and,</li> <li>- Troubleshooting dashboard</li> </ul>	Jul' 23 – Sep' 23
2	Unit Testing	Fix the Unit Test issues generated in legacy code and achieve the code coverage of 70%	
3	QA Issue fixes	Fix the Angular issues discovered by ABCD QA team during testing	
4	Automation Tasks	Finish the automation scripting of previous quarter stories Automate all the test cases through Jenkins pipeline	

### 3. Commercial

#### 3.1 Monthly Resource Loading

Device Team / Team 1				
Role	Location	Jul	Aug	Sep
Scrum Master	India	0	0.5	0.5
Senior Automation Engineer	India	3	3	3
Test Engineer / QA	India	4	4	4
<b>Total Effort (Man Months)</b>		<b>7</b>	<b>7.5</b>	<b>7.5</b>

UDM Team / Device Management Team / Team 2				
Role	Location	Jul	Aug	Sep
Scrum Master	India	0.5	0.5	0.5
Senior Technical Lead	India	1	1	1
Senior Developer	India	1	1	1
Developer	India	2	2	2
Test Engineer / QA	India	2	2	2
Automation Engineer	India	1	1	1
Senior Automation Engineer	India	1	1	1
<b>Total Effort (MM)</b>		<b>8.5</b>	<b>8.5</b>	<b>8.5</b>

UDM Team / Device Management Team / Team 3				
Role	Location	Jul	Aug	Sep
Scrum Master	India	0.5	0	0
Senior Technical Lead	India	1	0	0
Senior Developer	India	1	0	0
Developer	India	1	0	0
Test Engineer / QA	India	2	0	0
Automation Engineer	India	1	0	0
Senior Automation Engineer	India	1	0	0
<b>Total Effort (MM)</b>		<b>7.5</b>	<b>0</b>	<b>0</b>

Shared Role				
Role	Location	Jul	Aug	Sep
Program Manager	India	1	1	1
<b>Total Effort (MM)</b>		<b>1</b>	<b>1</b>	<b>1</b>

Total	Jul	Aug	Sep
<b>Effort (Man Months)</b>	<b>24</b>	<b>17</b>	<b>17</b>

- Resource loading is planned as per current estimation and scope. It may change/require revisit, in case of any change in scope, schedule, etc.
- HCL may deploy additional unbilled shadow resources termed as contractual shadow. For deployment of any additional billed resources (other than listed in above resource loading) HCL PM will seek prior email approval from ABCD PM /SPOC.

### 3.2 Rate Card

Role	Skill	Location	Hourly Rate
Program Manager	Program Management	India	\$40.00
Scrum Master	Agile/Scrum, Delivery	India	\$29.00
Senior Technical Lead	FullStack (Angular- 85%, Java- 15%)	India	\$42.00
Senior Developer	Angular	India	\$30.00
Developer	Angular	India	\$26.00
Test Engineer / QA	Manual Functional Testing	India	\$25.00
Senior Automation Engineer	Selenium	India	\$30.00

Automation Engineer	Selenium	India	\$26.00
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### 3.3 Billing

The services specified in this document are provided as per agreed proposal in **USD billing** and invoicing will be done as per the Monthly Resource Loading. HCL to accompany invoicing with detailed time reports. Below is the indicative amount as per the planned monthly resource loading provided in [section 3.1](#). In case of leaves and/or any holiday, the actual amount will vary.

Monthly Billing Plan (In USD)			
Team	Jul' 23	Aug' 23	Sep' 23
Device Team /Team 1	\$35,910.00	\$40,491.00	\$38,651.00
UDM Team /Team 2	\$46,210.50	\$48,411.00	\$46,210.50
UDM Team/ Team 3	\$41,296.50	\$0.00	\$0.00
Program Manager	\$7,560.00	\$7,920.00	\$7,560.00
<b>Monthly Total</b>	<b>\$130,977.00</b>	<b>\$96,822.00</b>	<b>\$92,421.00</b>
<b>Quarterly Total</b>	<b>\$320,220.00</b>		

Note:

- No travel is planned for the course of project duration and any unplanned travel will be charged on actuals.
- As per MSA, billable hours considered for normal business hours only (9 hours for India and 8 hours for other locations)

### 3.4 Payment Terms and Schedule

1. Payments and Taxes will be as per MSA.
2. Any expense (travel, device, software, hardware, license, etc.), not already part of agreement, will be billed separately (on actual basis subject to prior written approval from ABCD)

<b>SOW Reference</b>	<b>HCLABCD-TIMECLOCK-01072023-30092023</b>
<b>SOW Date</b>	01-Jul-2023
<b>Submitted by</b>	
<b>To</b>	

<b>ABCD's –Signature</b> <b>(Designated Representative)</b>	<i>(Signature Block)</i>
<b>HCL America Inc.,</b>  <b>HCL Technologies Limited.,</b>  <b>HCL Technologies Corporate Services Limited</b>  <b>Signature</b> <b>(Designated Representative)</b>	<i>(Signature Block)</i>