

# **Schedule 5.2 – Validation and Access Control**

**TfL RESTRICTED**

Restricted to: TfL Group, Contractor Group and Consultants with NDA

# Contents

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[illegible]

[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[illegible]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

**Copyright Transport for London 2014**



9



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

**Copyright Transport for London 2014**

	<div><div></div><div>[REDACTED]</div></div>
	<div><div></div><div>[REDACTED]</div></div>
	<div><div></div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div><div></div><div>[REDACTED]</div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div><div><div></div><div>[REDACTED]</div></div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div><div>[REDACTED]</div></div>
[REDACTED]	<div><div>[REDACTED]</div></div>

	■	
	■	
	■	
■		






**Copyright Transport for London 2014**


	<ul style="list-style-type: none"><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li></ul>
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
■ [REDACTED]	
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
	■ [REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

	<div>■ [REDACTED]</div>
	<div>■ [REDACTED]</div>
	<div>■ [REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
■ [REDACTED]	
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>
■ [REDACTED]	
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div> <div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div>
[REDACTED]	<div>[REDACTED]</div> <div>[REDACTED]</div>

22

[illegible]

24




	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED]
	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] ■ [REDACTED] [REDACTED] [REDACTED] ■ [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] ■ [REDACTED] [REDACTED] ■ [REDACTED] [REDACTED]




■

■

■

■

■

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

[REDACTED]  
 [REDACTED]  
 [REDACTED]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

10 of 11

10 of 11

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
■ [REDACTED]  
■ [REDACTED]  
■ [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

■ [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

■ [REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

■ [REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]
	[REDACTED]
	[REDACTED]
	[REDACTED]
	[REDACTED]
	[REDACTED]

[REDACTED]	[REDACTED]
	[REDACTED]

[REDACTED]	[REDACTED]
	[REDACTED]

[REDACTED]	[REDACTED]
	[REDACTED]
	[REDACTED]

[REDACTED]	[REDACTED]
	[REDACTED]
	[REDACTED]

[REDACTED]	[REDACTED]
	[REDACTED]
	[REDACTED]
	[REDACTED]

[REDACTED]	[REDACTED]
------------	------------



33


[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED]

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Entity	Country	Revenue	Profit
Entity A	Country A	100	20
Entity B	Country B	150	30

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Entity	Entity	Entity	Entity
Entity	Entity	Entity	Entity
Entity	Entity	Entity	Entity

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]



Revenue Collection Services  
Schedule 5.2 – Validation and Access Control

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]



41

42

43



[illegible]

**Copyright Transport for London 2014**

**Copyright Transport for London 2014**

	[REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED] [REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED]
	[REDACTED] [REDACTED] [REDACTED]
	[REDACTED] [REDACTED]




[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]




[illegible]

56



[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[illegible]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]			
[REDACTED]			
[REDACTED]	[REDACTED]		
[REDACTED]			
[REDACTED]			
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[illegible]

**Copyright Transport for London 2014**





[REDACTED]

[REDACTED] [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]
- [REDACTED] [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

66

	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] <ul style="list-style-type: none"><li>■ [REDACTED] [REDACTED]</li><li>■ [REDACTED] [REDACTED]</li></ul>
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] [REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED] <ul style="list-style-type: none"><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li></ul>
[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]

	<ul style="list-style-type: none"><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li></ul>
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED] <ul style="list-style-type: none"><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED]</li><li>■ [REDACTED] [REDACTED]</li></ul>
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]
[REDACTED]	[REDACTED] [REDACTED]

69

[illegible]

[REDACTED] [REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

■ [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]  
[REDACTED]

■ [REDACTED]

■ [REDACTED]

[REDACTED]  
[REDACTED]  
[REDACTED]

[REDACTED]

■ [REDACTED]

[REDACTED] [REDACTED]  
[REDACTED]

[REDACTED]		[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]		
	[REDACTED]		
[REDACTED]	[REDACTED]		
[REDACTED]			
[REDACTED]	[REDACTED]		
[REDACTED]	[REDACTED]		
	[REDACTED]		
	[REDACTED]		