

## QUOTATION

### EXECUTIVE SUMMARY

This updated Quotation is submitted in response to the Principal's Request for Quotation for the XPT Life Extension Program issued under the Project Contract - Standing Offer Deed Contract No. CW2392813 between the Principal and the Contractor, the request for clarification as received on 27 June 2023, and the conference call meeting on 19 July 2023. The Car Program (as per Attachment 5) is adjusted to reflect the delivery of the Trailer Car XL2234 instead of a Power Car (as per rev 1 submission on 30 June 2023).

In its updated Quotation, which supersedes any previous submissions on the subject, the Contractor provides firm lump sum prices to carry out the Works described in the XPT Life Extension CCO Scope v04 rev4, detailing the CCO Scope for XPT Life Extension. Enclosed hereto as Attachment 1, for Cars to be completed by 10 April 2024.

The XPT Life Extension CCO Scope v04 rev4 is an update from last year's CCO Scope v04 rev3, as provided in the RFQ pack. The amendments further improve the accuracy of the document while not impacting the Base Date lumpsum prices. Minor corrections and amendments of typos fix inconsistencies in the text and removes ambiguity. For example, the Contractor noticed in rev3 that the vinyl floor replacement was only mentioned as a P Item for the XBR Car while vinyl floor replacement is applicable for all Car types. Further, some pricing categories of specific On Condition Works are updated to reflect how they are being applied in practice.

This Quotation is based on all Work to be completed during the normal working hours (07:00 to 14:30) on Business Days. Considering the offered duration to complete the CCO Scope and the typical On condition Work, the Contractor is pleased to pass on a reduction of the Base Date lump sum price for the Power Car of \$ [REDACTED]

Based on the Risks as identified in the Risk Register enclosed as Attachment 10, the Contractor is committed to complete the Car Program as detailed in this updated Quotation. The Contractor's team has been standing by to receive the first Car from 1 July 2023 onwards. On 17 July 2023 the Contractor received the first Car (XL2234) with the instruction to wait with starting the Work until such time a purchase order has been awarded. Delay in the receipt thereof may impact the delivery of the Car Program.

Further, as per last financial year's submission, the cost for the joint On-Condition Inspections at the Maintenance Centre and HVAC Work are detailed in this FY's Quotation. As the refrigeration upgrade of XBR Cars turns out to not always be required, the upgrade is priced separately improving the flexibility of this Quotation.

Further provided are estimates of the likely costs for carrying out On Condition Works for the Principal's budgetary requirements. These possible On Condition Works will be identified in the On-Condition Inspection and reported accordingly, whereby the provided estimates are based on the experience completing previous years' Life Extension Programs.

Part 1 of the Request for Quotation – Identification	
<p>This Request for Quotation is issued by the Principal under the Standing Offer Deed between the Principal and the Contractor.</p> <p>Contract No: [CW2392813]</p> <p>Request for Quotation No: [XPT Life Extension Program FY23/24 – 8 Power Cars and 8 Trailer/Specialty Cars]</p> <p>Contractor response required by: [10:00 AM, 02 June 2023 amended to COB, 19 June 2023]</p>	
Part 2 of the Request for Quotation - Additional Project Details for Schedule 1 (Key Details) in General Conditions	
<p>Contract - Other documents forming part of the Contract (Clause 1.1)</p>	<p>Nil.</p>
<p>Cars (Clause 1.1)</p>	<p>The Cars are set out in Attachment 5.</p>

<b>Contract Price:</b> (Clause 1.1)	<b>Lump Sum Prices</b> The Contractor's firm prices to complete the mandatory Works described in the Life Extension CCO Scope v0.4 rev 4 are set out in the following table:					
	Activity and Car type	Scope Type	Pricing Method	UOM	Base Date Price	Current Price (July 2023)
	Power Car (XP)	Mandatory	Lump sum	Per Car	\$ [REDACTED]	[REDACTED]
	Economy Sitter Car (XF)	Mandatory	Lump sum	Per Car	\$ [REDACTED]	[REDACTED]
	First Class Sitter Car (XL)	Mandatory	Lump sum	Per Car	\$ [REDACTED]	[REDACTED]
	Economy Sitter Luggage Car (XFH)	Mandatory	Lump sum	Per Car	\$ [REDACTED]	[REDACTED]
	Sleeper Car (XAM)	Mandatory	Lump sum	Per Car	\$ [REDACTED]	[REDACTED]
	First Class Sitter with Buffet Car (XBR)	Mandatory	Lump sum	Per Car	\$ [REDACTED]	[REDACTED]
	Management Fee	Mandatory	Lump sum	Per mnth	\$ [REDACTED]	[REDACTED]
	<p>Based on Attachment 5, the total lump sum Current Contract Price for the mandatory Work is [REDACTED]</p> <p>For budget purpose the total estimated budget value for On Condition Works is [REDACTED] and includes the HVAC Work of [REDACTED] considering that the XBR Car requires the refrigeration upgrade.</p> <p>The total Current budget estimate for mandatory and On Condition Work therefore is: [REDACTED]</p> <p>The budget estimate will change if the mix of Cars delivered by the Principal during the Life Extension Program changes.</p> <p>The above Price table includes the costs of completing the following Works:</p> <ul style="list-style-type: none"> <li>• Receipt of Cars upon delivery of the Car to the Site</li> <li>• Shunting of Cars at the Site</li> <li>• Joint inspection by the Contractor's Representative and the Principal's Representative on delivery to site to identify any additional Works the Principal may require the Contractor to complete</li> <li>• Removal and reinstallation of equipment (excluding HVAC Work)</li> <li>• Temporary protection of all equipment and finishes</li> </ul>					



<ul style="list-style-type: none"> <li>• Final clean prior to delivery</li> <li>• Pre-dispatch joint acceptance inspection</li> <li>• Dispatch of Cars</li> <li>• Release of Car report.</li> </ul> <p><b>P item prices for HVAC Works</b></p> <p>The Current Prices for HVAC Decommissioning and Commissioning Works of the Cars are as follows:</p>					
Activity and Car type	Scope	Pricing Method	UOM	P item Base Date Price	P item Current Price
Power Car (XP)	Remove and reinstallation of AC unit	P item	Per Car		
Economy Sitter Car (XF)	Remove and reinstallation of HVAC, fresh air fan, and water chillers (from under the Car)	P item	Per Car		
First Class Sitter Car (XL)		P item	Per Car		
Economy Sitter Luggage Car (XFH)		P item	Per Car		
Sleeper Car (XAM)	Remove and reinstallation of: HVAC and fresh air fan, HVAC Air flow balancing, and Toilets airflow measuring	P item	Per Car		
First Class Sitter with Buffet Car (XBR)	Remove and reinstallation of: HVAC, refrigeration, and fresh air fan	P item	Per Car		
First Class Sitter with Buffet Car (XBR)	Optional upgrade of the refrigeration system solenoid valves, shutoff valves, temp controller, and indicators, and installation of fridge drain	P item	Per Car		



**Notes related to HVAC prices:**

- LPI factor is only applied on the Contractor’s supplied labour portion
- [REDACTED] fee is applied on Subcontractor Work

Included in the Total Current budget estimate of \$ [REDACTED] is an estimated amount of \$ [REDACTED] for HVAC P Items. This HVAC P item amount assumes the refrigeration upgrade of the XBR Car is required.

The above HVAC P Item amount includes decommissioning, commissioning, testing, and reporting.

HVAC P Items Work will be executed by a Subcontractor ([REDACTED]) supported by labour from the Contractor for the removal and reinstallation where applicable.

Any removed unit will be overhauled as a Rotable. Any repairs and/or parts found necessary to restore the unit to its normal operational function will be considered On Condition Work.

**On-Condition Inspection of Cars**

The Contractor’s firm prices to complete the Works set out in the above table do not include the costs of performing the On-Condition Inspections of the Cars, which are set out in the table below, nor do they include the costs of completing any On Condition Works that may be identified in the On-Condition Inspections.

The Contractor proposes performing the On-Condition Inspections at the Principal’s Maintenance Centre at a mutually agreed time twelve weeks ahead of the planned date for delivery of the Car to the Site. The scope and extent of On Condition Works identified in the On-Condition Inspection will be agreed between the Contractor’s Representative and the Principal’s Representative, following which the Principal’s Representative will issue a Variation Price Request pursuant to clause 11.1, and the Contractor will provide the Principal’s Representative with the notice required by clause 11.1.

	Unit of Measure	Base Date Price – inspection during normal working hours	Base Date Price – inspection outside of normal working hours including weekends
On-Condition Inspection	Per Car	[REDACTED]	[REDACTED]

	<p><b>Notes:</b></p> <ol style="list-style-type: none"> <li>1. Normal working hours are 07:00 to 14:30 on Business Days.</li> <li>2. The price in the table above covers two resources and a five-hour period including time for travel, induction, inspection, and reporting.</li> <li>3. Any additional hours will be charged in two-hour blocks at the rates set out in Annexure B – Schedule of Prices.</li> </ol>
<p><b>Contractor's Representative:</b> (Clause 1.1)</p>	<p>Name: [REDACTED]</p> <p>Address: 149 Manchester Road, Auburn NSW 2144</p> <p>Email: [REDACTED]</p>
<p><b>Date for Completion</b> (Clause 1.1)</p>	<p>As set out in Attachment 5.</p>
<p><b>Defects Liability Period:</b> (Clause 1.1)</p>	<p>[REDACTED] for Parts and Labour from date of Certificate of Release</p>
<p><b>Principal's Representative:</b> (Clause 1.1)</p>	<p>Name: Jason Kelly</p> <p>Address: 36-46 George Street, Burwood, NSW 2134</p> <p>Email: jason.kelly@transport.nsw.gov.au</p>
<p><b>Separable Portions of the Works</b> (Clause 1.1)</p>	<p>Each Car in set out in Attachment 5 is a Separable Portion</p>
<p><b>Frequency of KPI reporting and times at which Principal and Contractor to meet:</b> (Clause 2.4Error! Reference source not found.)</p>	<p>Principal and the Contractor will meet every month, unless otherwise agreed in writing by the Principal.</p> <p>Contractor must provide a KPI Performance Report at the end of each month</p> <ol style="list-style-type: none"> <li>1. Safety incident and actions to be reported monthly.</li> <li>2. Fortnightly progressive report on receipted cars. To include performance against key agreed milestones.</li> <li>3. Completion reports within 1 week on released Cars.</li> <li>4. Monthly Material &amp; Rotable consumption reports by each Car type</li> <li>5. WIP and Monthly Projected Cashflow.</li> <li>6. Warranty obligations completion reports. To include planned v/s actual performance reported monthly.</li> <li>7. Count of faults found per system at pre-inspection and delivery.</li> <li>8. Monthly financial report on outstanding invoices to be provided.</li> <li>9. Baseline Car Program schedule completed and submitted for approval – within 1 month after award of contract.</li> </ol>

<b>Contractor's key people:</b> (Clause 3.2)	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Person</th> <th style="width: 50%; text-align: center;">Position</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">██████████</td> <td>Project Manager</td> </tr> <tr> <td style="text-align: center;">██████████████████</td> <td>Contractor's Representative</td> </tr> <tr> <td style="text-align: center;">██████████</td> <td>Head of Program</td> </tr> <tr> <td style="text-align: center;">██████████</td> <td>Senior Manager Business Development &amp; Growth</td> </tr> <tr> <td style="text-align: center;">██████████████████</td> <td>Business Development Manager</td> </tr> </tbody> </table>		Person	Position	██████████	Project Manager	██████████████████	Contractor's Representative	██████████	Head of Program	██████████	Senior Manager Business Development & Growth	██████████████████	Business Development Manager
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<b>Design and Documentation</b> (Clauses 6 and 6A)	Clause 6A applies.													
<b>Number of copies of Documents (as defined in clause 6.2(a))</b> (Clause 6.2)	If applicable, 2 copies will be provided.													
<b>Number of copies of Design Documentation to be submitted or resubmitted by the Contractor to the Principal:</b> (Clause 6.3)	Not Applicable.													
<b>Existing Approvals and other Approvals which the Principal is to obtain:</b> (Clause 8.3(b))	To be considered by the Principal and not included in this Quotation.													
<b>Pre-approved Subcontractors:</b> (Clause 8.5(b))	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%; text-align: center;">Subcontractor</th> <th style="width: 50%; text-align: center;">Part of the Contractor's Activities</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">██████████████████</td> <td>Passenger Seat Refurbishment</td> </tr> <tr> <td style="text-align: center;">██████████████████████████████</td> <td>Air Condition and Refrigeration Services</td> </tr> </tbody> </table>		Subcontractor	Part of the Contractor's Activities	██████████████████	Passenger Seat Refurbishment	██████████████████████████████	Air Condition and Refrigeration Services						
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<p><b>Warranties required to be procured by the Contractor from Subcontractors and provided to the Principal:</b>          (Clause 8.6)</p>	<p>Not required.</p>																														
<p><b>ASA Authorisation:</b>          (Clause 8.9 and Clause 1.12 of Schedule 4 of the L3C Agreement)</p>	<p>The Principal is the AEO and the Principal's ASA Authorisation applies.</p>																														
<p><b>Provisional Sum Work:</b>          (Clauses 1.1 and 8.13)</p>	<p>Not applicable.</p>																														
<p><b>Cap on delay costs</b>          (Clause 10.12)</p>	<table border="1"> <tr> <td colspan="6" style="background-color: black; height: 20px;">[REDACTED]</td> </tr> <tr> <td colspan="6" style="background-color: black; height: 60px;">[REDACTED]</td> </tr> <tr> <td style="background-color: black; width: 10%;">[REDACTED]</td> <td style="background-color: black; width: 10%;">[REDACTED]</td> <td style="background-color: black; width: 10%;">[REDACTED]</td> <td style="background-color: black; width: 10%;">[REDACTED]</td> <td style="background-color: black; width: 10%;">[REDACTED]</td> <td style="background-color: black; width: 10%;">[REDACTED]</td> </tr> <tr> <td style="background-color: black;">[REDACTED]</td> <td style="background-color: black;">[REDACTED]</td> <td style="background-color: black;">[REDACTED]</td> <td style="background-color: black;">[REDACTED]</td> <td style="background-color: black;">[REDACTED]</td> <td style="background-color: black;">[REDACTED]</td> </tr> <tr> <td colspan="6" style="background-color: black; height: 20px;">[REDACTED]</td> </tr> </table>	[REDACTED]						[REDACTED]						[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]					
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<p>Liquidated damages payable by Contractor when Date of Completion occurs after Date for Completion: (Clause 13.5)</p>	<div style="background-color: black; width: 100%; height: 40px;"></div>
<p>Cap on Liquidated Damages (Clause 13.8)</p>	<p>█ of the Contract Price of the Separable Portion.</p>
<p><b>Part 3 of the Request for Quotation – Execution by the Contractor’s Representative of original Quotation</b></p>	
<p>Submitted by the Contractor’s Representative:</p>	<p>Name: █ Signature: Date:</p>

**Revision History**

Rev	Change description	Prepared	Checked	Approved	Date
0	Original Issue	RV	MF	JJ	19-6-2023
1	Updated Car Program and total Current budget estimate	RV	MF	JJ	30-6-2023
2	Updated Car Program in relation to the cessation date of the Standing Offer Deed	RV	MF	JJ	17-7-2023
3	Updated Car Program in relation to the delivery of XL2234, including clarification of some commercial terms	RV	MF	JJ	21-7-2023

**Attachment 1 – Statement of Work**

Please find the embeded Statement of Work document “XPT Life Extension CCO Scope v04 rev 4”.



XPT Life  
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**Attachment 2 – Special Conditions**

[REDACTED]

[REDACTED]

[REDACTED]

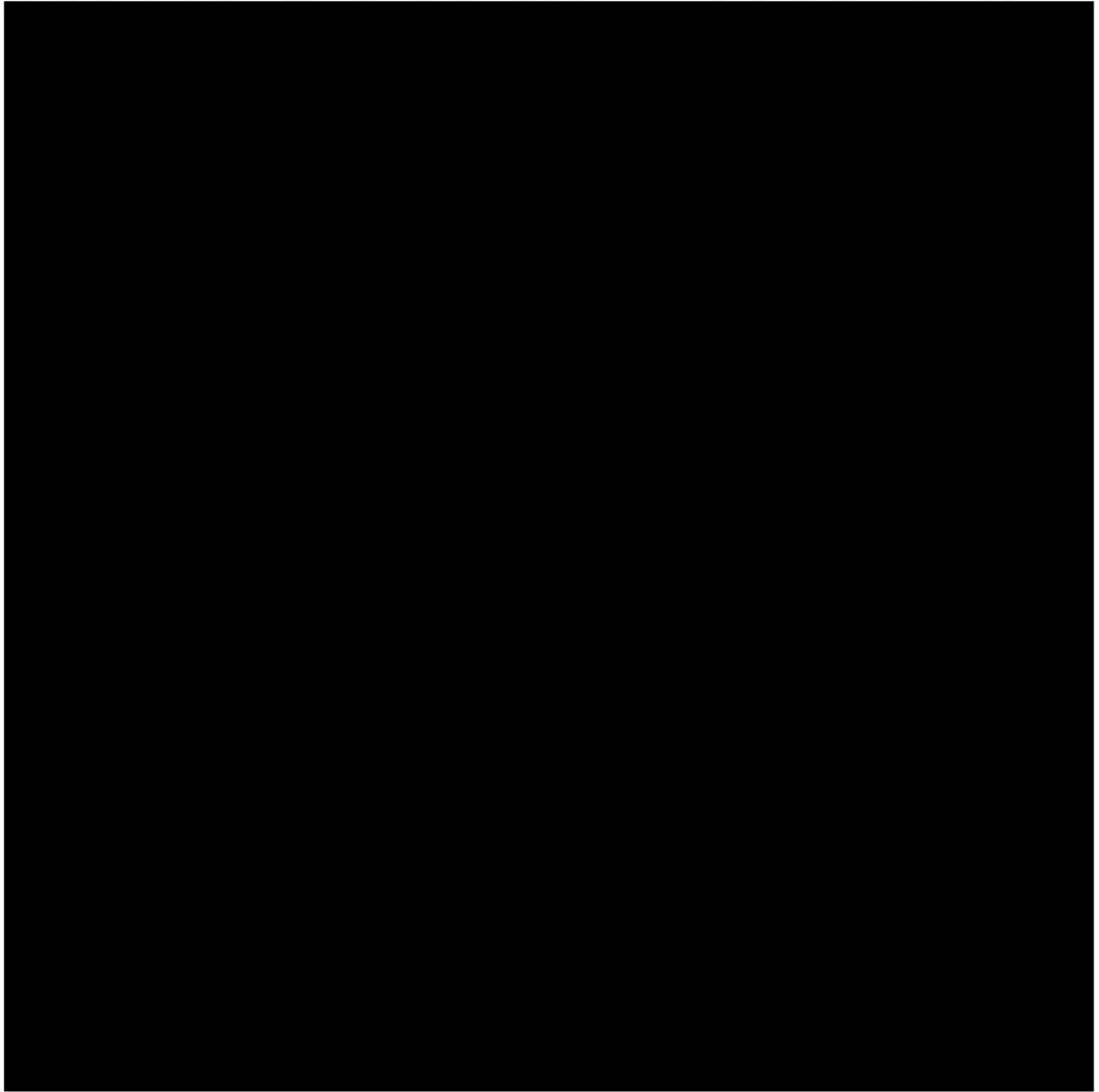
[REDACTED]

### Attachment 3 – Principal Supplied Items

The items listed in the table below are the Principal Supplied Items. These items will be made available to the Contractor at **[Insert]** from the dates set out in in the table below and are to be returned to **[Insert]**:

Serial .No	Product Description	Total Qty	Date of Availability

**Attachment 4 – Pricing Schedule**





### Attachment 5 – Delivery Plan

	Power Cars	Trailer Cars	Programmed delivery date	Duration Calendar Days	Date for Completion
1		XL2234	24-Jul-23	43	5-Sep-23
2		XAM2177	29-Jul-23	51	18-Sep-23
3	XP2000		18-Aug-23	54	11-Oct-23
4		XF2221	18-Sep-23	42	30-Oct-23
5		XBR2158	25-Sep-23	49	13-Nov-23
6	XP2001		11-Oct-23	54	4-Dec-23
7		XFH2107	7-Nov-23	45	22-Dec-23
8	XP2010		8-Jan-24	47	24-Feb-24
9		XAM2180	22-Jan-24	52	14-Mar-24
10		XL2235	12-Feb-24	45	28-Mar-24
11	XP2002		24-Feb-24	46	10-Apr-24

#### Notes to the Delivery Plan:

1. Commencement of the Car program is subject to receipt of a PO prior to the Planned Car delivery date identified for Car XL2234 in the above Car Program.
2. [REDACTED]
3. In the event that a Car is not available, the Principal will provide an alternative Car of the same type and programmed delivery date as detailed in the above Car Program subject to the Contractors agreement.
4. The Program allows for Testing and Commissioning.
5. The Contractor will issue a Certificate of Readiness (COR) for the released Car. The COR may include Minor Defects which will not impact safety or operations as defined by the rolling stock MOS (Minimum Operating Standard), with the exception of obsolescent materials that may be subject to deviation approval by the Principal's Engineering Systems Integrity division.
6. The Principal will complete the joint inspection with the Contractor at the Auburn Heavy Maintenance Service Centre on the agreed scope as per XPT Life Extension CCO Scope v04 rev 4 as carried out during this FY's Life Extension Program. Any unidentified On-Car Variations will not be considered as a defect.
7. The durations in the Car Program considers likely emerging safety and reliability critical On Condition Work only.
8. Considers the Principal's operational requirements during school holidays including the Christmas and Easter break.
9. Assumes all Power Cars require full paint.
10. Assumes that the condition of the Cars are similar or better than the condition of the Cars completed in the FY22-23 Car Program.
11. This Car Program includes stretch targets for Contractor's operations, an assumed condition of the Cars based on past experience and assumes requirement for full paint for all Car types.

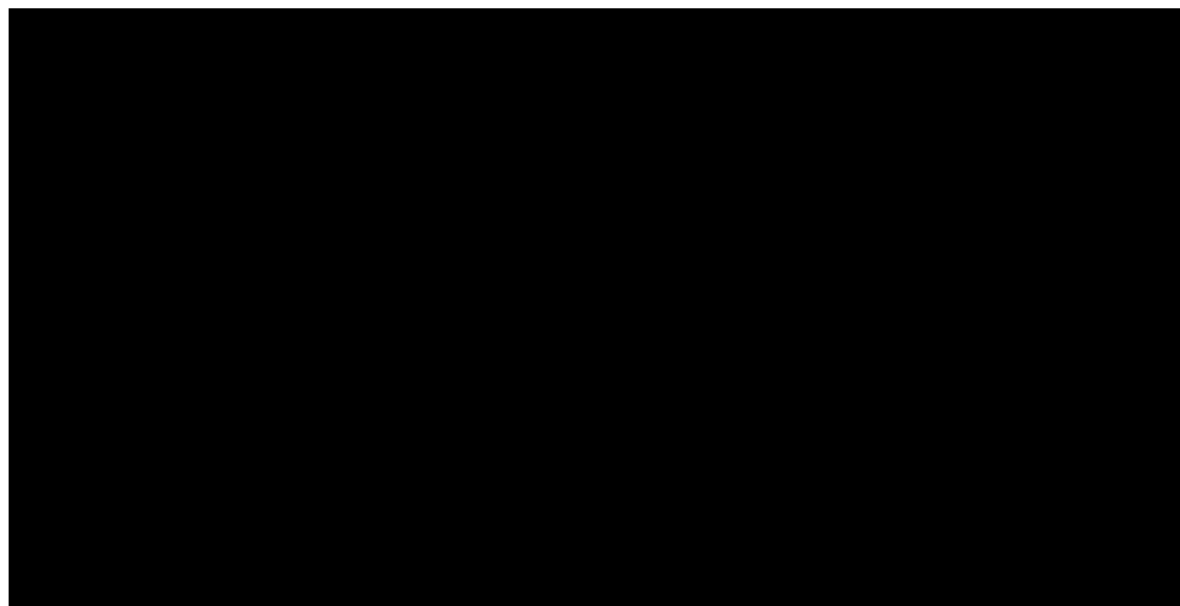
Resources used for the XPT Life Extension program:

- Technicians (e.g. electrical)
- Mechanical labour
- Engineering
- Quality management (not charged)
- Material coordinator (not charged)
- Project Management
- Project Admin/Coordinator
- Service Delivery Management
- Any additional resources as required to deliver the Program on time and on quality.

### FY2023-2024 XPT Life Extension Car Program

As per the reporting KPI, an updated Car Program Schedule within 1 month after award of the contract for the XPT Life Extension Program.

**Dedicated team to deliver the XPT Life Extension CCO Program FY23-24:**



#### Notes:

- Resources to deliver the required Cars will be assigned at the time of commencement of the XPT Life Extension Program and as per the Car Plan.
- As On Condition Works is unscheduled, the Contractor will manage and provide required resources on a case by case basis while considering existing prior commitments from and priorities set by the Principal.

**Attachment 6 – On Condition Works**

Based on the Contractor’s experience to date providing the XPT CCO and Life Extension Program work, the Contractor believes the costs of On-Condition Works that may be identified in the On-Condition Inspection, and which the Principal may require the Contractor to complete pursuant to Variations, may be in the order of \$ [REDACTED] (excluding HVAC P Item Work).

The Contractor provides for the Principal’s budgetary requirements estimates of the likely costs of carrying out these On Condition Works possible in the tables below.

These estimates are based on the On-Condition Works identified and carried out on other Cars on which the Contractor has previously carried out similar works

**ON CONDITION WORKS - P ITEMS**

These are activities with a defined scope and a fixed price (see list in Attachment 6.1) excluding HVAC Work, that the Contractor has carried out on Cars previously as part of the XPT Life Extension Program.

Car Type	Estimate of likely cost per Car	Cars to 10/4/2024	Estimate of total cost
[Power Car (XP)	[REDACTED]	[REDACTED]	[REDACTED]
Economy Sitter (XF)	[REDACTED]	[REDACTED]	[REDACTED]
First Class Sitter Car (XL)	[REDACTED]	[REDACTED]	[REDACTED]
Economy Class Sitter with luggage (XFH)	[REDACTED]	[REDACTED]	[REDACTED]
Sleeper Car (XAM)	[REDACTED]	[REDACTED]	[REDACTED]
First Class Sitter Buffet Car (XBR)	[REDACTED]	[REDACTED]	[REDACTED]
<b>Estimate of total cost of routine maintenance</b>			

**ON CONDITION WORKS - MAINTENANCE WORKS**

These are routine maintenance activities that were deferred by the Principal on previous Cars and to be carried out on Cars by the Contractor as part of the XPT Life Extension Program.

Car Type	Estimate of likely cost per Car	Cars to 10/4/2024	Estimate of total cost
Power Car (XP)	[REDACTED]	[REDACTED]	[REDACTED]
Economy Sitter Car (XF)	[REDACTED]	[REDACTED]	[REDACTED]
First Class Sitter Car (XL)	[REDACTED]	[REDACTED]	[REDACTED]
Economy Class Sitter with luggage (XFH)	[REDACTED]	[REDACTED]	[REDACTED]
Sleeper Car (XAM)	[REDACTED]	[REDACTED]	[REDACTED]
First Class Buffet Car (XBR)	[REDACTED]	[REDACTED]	[REDACTED]
<b>Estimate of total cost of routine maintenance</b>			

**ON CONDITION WORKS - HR VARIATIONS**

These are activities previously carried out by the Contractor on an hourly rates basis, as part of the XPT Life Extension Program.

Car Type	Estimate of likely cost per Car	Cars to 10/4/2024	Estimate of total cost
Power Car (XP)			
Economy Sitter Car (XF)			
First Class Sitter Car (XL)			
Economy Class Sitter with luggage (XFH)			
Sleeper Car (XAM)			
First Class Buffet Car (XBR)			
<b>Estimate of total cost</b>			

**ON CONDITION WORKS - NON-STOCK MATERIALS AND SERVICES**

These are third-party materials which are generally not held in stock and sub-contractor services previously purchased by the Contractor for the XPT Life Extension Program.

Car Type	Estimate of likely cost per Car	Cars to 10/4/2024	Estimate of total cost
Power Car (XP)			
Economy Sitter Car (XF)			
First Class Sitter Car (XL)			
Economy Class Sitter with luggage (XFH)			
Sleeper Car (XAM)			
First Class Buffet Car (XBR)			
<b>Estimate of total cost of non-stock materials and services</b>			



Attachment 6.1 – Schedule of existing P item rates

XPT Life Extension Program – Power Car (XP) Pricing Details					
P Item Billing Code	NEW Scope Ref	ST Scope Ref	Location	Description	UOM
4.9.0.1	3.1.3	XP4.1.2.2	Coupler	Replace coupler carrier components	Per Unit
4.9.0.10	4.1.2	XP7.1.1.1	Doors	Replace door frame and skin, overhauled items as required	Per Unit
4.9.0.11	4.1.11	XP7.1.4.1	Doors	Replace damaged door hinges as required	Per Unit
4.9.0.12	5.2.6	REL6.2, 14.3 XP		Remove valves and inspect Block seating	Per Unit
4.9.0.13	5.2.6	REL6.2, 14.3 XP		Replace brake block where wear is evident in seats.	Per Unit
4.9.0.14	5.2.11	REL 14.4 XP		Replace as required air valves	Per Unit
4.9.0.2		XP11.1.4	Coupler	Service Coupler Release Handle Bar	Per Unit
4.9.0.3	3.2.4	XP5.1.5	Coupler	Replace draft gear assembly	Per Unit
4.9.0.4	3.4.8	XP6.1.3.1	Gangway	Replace damaged gangway ceiling panels	Per Unit
4.9.0.5	3.4.10	XP6.1.4.1	Gangway	Replace damaged gangway inner and flexible panels	Per Unit
4.9.0.6	3.4.13	XP6.1.6.1	Gangway	Repair gangway faceplate	Per Unit
4.9.0.7	3.4.15	XP6.1.7.1	Gangway	Replace fasteners as required	Per Unit
4.9.0.8	3.4.17	XP6.1.8.1	Gangway	Replace gangway diaphragm as required	Per Unit
4.9.0.9	3.4.17	XP6.1.8.1	Gangway	Replace gangway P seal if damaged / split	Per Unit
4.9.7.1	1.3.7	XP11.1.10	Roof	Installation of Latches on emergency coupler hatch (if required)	Per Unit
4.9.7.2	1.3.21	XP11.1.6	External	bicarb clean	Per Unit
4.9.7.3	1.4.90	XP11.1.21	Compressor	Remove and replace Compressor	Per Unit
4.9.7.4	1.8.1	XP10.1.1	Cab	Replace driver's seat to 150kg rated mechanism. Replace if condition of seat is damaged	Per Unit
4.9.7.5	1.8.2	XP10.1.2	Cab	Replace observer's seat. Replace if condition of seat is damaged	Per Unit
4.9.7.7	4.1.7	XP11.1.22	Compressor	Renew seal on the door between compressor and air room	Per Unit
4.9.7.8	12.4.1	XP11.1.24	Lighting	Replace marker light housing (if Required)	Per Unit
4.9.8.23				Remove and repaint only -Nose Cone -Power car. Does not include repairs.	Per Unit
4.9.8.74				Replace door hinges	Per Unit
4.9.8.8		XP11.1.19	External	Replace tread plate and repair corrosion	Per Unit
4.9.8.18		XP11.1.28	Crew Area	Refurbish and repaint rear and Side walls of crew cab. Excludes Roof	Per Unit
4.9.8.7		XP11.1.39	Manifold	Inspect seating ports on Manifold / Replace MANIFOLD REF. F10.0 Brake Manifold & Valve Seatings	Per Unit
4.9.8.4		XP11.1.40		Final clean of the car ( Inside and outside) when painted	Per Unit
4.9.8.50			HVAC	Remove and reinstall HVAC unit	Per Unit
4.9.8.79		XP5.1.5		Replace draft gear assembly as required. No mandatory replacement on new type of coupler. Contractor to provide repair scope as required	Per Unit
4.9.8.100		XP8.1.2		Replace operator enable pedal with overhauled unit. Depot to confirm in the Outstanding Report if replacement is required. Review Y plans	Per Unit
4.9.8.92		XP11.1.17.2		Installation of new tapping plate (front skirt)	Per Unit
4.9.8.96		XP11.1.14		Repair Driver access steps. Coordinate with the Contractor to form a work group to finalise a fixed price for COO and/or standalone work.	Per Unit
4.9.8.95		XP11.1.15		Repair corrosion on nose of car below front windows (Confirm if referring to tapping plates - not the tapping plates for the skirts.) Coordinate with the Contractor to form a work group to finalise a fixed price for COO and/or standalone work	Per Unit
4.9.8.97		XP11.1.16		Repair front nose cone – major repairs (i.e. replacement of nose cone assembly including lights etc) SMC to write scope. Coordinate with the Contractor to form a work group to finalise a fixed price for COO and/or standalone work	Per Unit
4.9.8.99		XP11.1.18		Replace tread plate and repair corrosion - Refer to XP11.1.15. Confirm if scope is the same. – No XP11.1.15 is referring to corrosion on the base of the windshield. The Contractor to review and provide a P item Price	Per Unit
4.9.8.101		XP11.1.19		Replace collision post and repair corrosion. Confirm if this is the rear collision post? -Confirmed. The Contractor to review and provide a P item Price	Per Unit
4.9.8.94		XP11.1.27.1		Repaint rear wall of cab	Per Unit
4.9.8.90		XP11.1.38		Final clean of the car (Inside and outside) when not painted. The Contractor to confirm if this can be a P item instead of HR	Per Unit
4.9.8.62				Inspect and assess corrosion on 4 underframe corner junction boxes.	Per Unit
4.9.8.93				Remove bogies due for overhaul and replace with overhauled bogies, as required.	Per Unit
4.9.8.89				-Control jumper replacement SMC to provide scope enabling team to investigate with the Contractor. Contractor comment: "Option to include in FY22/23 Life Ext or Standalone program".	Per Unit
4.9.8.98				Replace traction motor intake filters. Undergoing Trial. EMXXXX TBC	Per Unit
4.9.8.91				Inspect and assess undercab pipework.	Per Unit



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XPT Life Extension Program- Economy Sitter (XF) Pricing Details					
P Item Billing Code	NEW Scope Ref	ST Scope Ref	Location	Description	UOM
4.9.0.1	3.1.3	XF4.1.2.2	Coupler	Replace coupler carrier components as required.	Per Unit
4.9.0.10	4.1.2	XF6.1.1.1		Replace door frames and skin with overhauled items as required.	Per Unit
4.9.0.11	4.1.11	XF6.1.3.1	Door	Replace damaged door hinges as required.	Per Unit
4.9.0.12	5.2.6	REL6.2, 14.3 XP		Remove valves and inspect Block seating.	Per Unit
4.9.0.13	5.2.7	REL6.2, 14.3 XP		Replace brake block where wear is evident in seats.	Per Unit
4.9.0.14	5.2.13	REL 14.4 XP		Replace as required air valves.	Per Unit
4.9.0.2	3.1.4	XF10.1.5	Coupler	Overhaul Coupler Release Handle Bar.	Per Unit
4.9.0.3	3.2.4	XF4.2.3	Coupler	Replace draft gear assembly	Per Unit
4.9.0.4	3.4.8	XF5.1.3.1	Gangway	Replace damaged gangway ceiling panels	Per Unit
4.9.0.5	3.4.10	XF5.1.4.1	Gangway	Replace damaged gangway inner and flexible panels	Per Unit
4.9.0.6	3.4.13	XF5.1.6.1	Gangway	Repair / Replace gangway faceplate	Per Unit
4.9.0.7	3.4.15	XF5.1.7.1	Gangway	Replace worn / damaged flexitors as required	Per Unit
4.9.0.8	3.4.17	XF5.1.8.1	Gangway	Replace damaged gangway diaphragm	Per Unit
4.9.0.9	3.4.19	XF5.1.9.1	Gangway	Replace damaged / split gangway P seal	Per Unit
4.9.1.1	1.3.2	XF10.1.12	External	Step ladders (both ends) – need cleaning and a fresh coat of paint.	Per Unit
4.9.1.10		XF6.1.11.1	Door	Paint intercar doors on condition.	Per Unit
4.9.1.11	1.4.109	REL11.1	Carpet	Where floor covering is removed or underfloor condition is suspect, check condition of plywood.	Per Unit
4.9.1.2	1.3.10	XF10.1.2	External	External Black Side Skirt Panel Requires Minor pair/bog/repaint	Per Unit
4.9.1.3	1.3.28	XF10.1.64	Gauge's	Replace BC gauge	Per Unit
4.9.1.4	1.3.29	XF10.1.63	Gauge's	Replace MR/Water raising gauge x 2	Per Unit
4.9.1.5	1.4.2	XF2.1.1.1	Internal	Replace curtains if damaged or non-recoverable as required	Per Unit
4.9.1.6	1.4.83	XF10.1.40	Toilets	Replace Toilet filter regulator including coalescing filter change.	Per Unit
4.9.1.7	1.11.5	XF9.1.1	Internal	Renew seat numbers with glow illumination seat numbers. Replace glow illumination seat numbers if not replaced at previous CCD program.	Per Unit
4.9.1.8	3.4.5	XF10.1.27	Gangway	Repair / Replace gangwaytread plate	Per Unit
4.9.1.9	4.1.18	XF6.1.6.1	Door	Replace sliding door nosing rubbers if damaged / split	Per Unit
4.9.4.10	1.4.101	REL10.2	Carpet	Floor Aisle Carpet (under seat) When aisle carpet is replaced and middle aisle carpet is to remain, preference is to steam clean middle carpet to closely match new carpet installed.	Per Unit
4.9.4.11	1.4.105	REL10.3	Carpet	Side Wall Carpet. Remove / Replace carpet if carpet is non recoverable by steam clean or damaged. -	Per Unit
4.9.4.12	1.4.107	REL10.3	Carpet	Side Wall Carpet. On carpet removal, inspect surface area for damaged.	Per Unit
4.9.4.2	1.4.3	XF2.1.2.1	Internal	Replace wall and / other carpet as required.	Per Unit
4.9.4.3	1.4.66	XF10.1.34	Internal	Replace Mirror - Scratched etc.	Per Unit
4.9.4.4	1.4.69	XF10.1.17	Luggage	Clean Stainless Steel Strip in luggage rack above seats	Per Unit
4.9.4.5		XF2.1.6.1	Internal	Replace / Renew and clean as required	Per Unit
4.9.4.6	4.1.6	XF6.1.2.1	Door	Replace damaged / split door seals as required.	Per Unit
4.9.4.7	4.1.30	XF10.1.63		Overhaul FR and coalescing unit	Per Unit
4.9.4.9	1.4.98	REL10.2	Carpet	Floor Aisle Carpet (under seat) On carpet removal, inspect underlay, replace if soiled, damaged.	Per Unit
4.9.8.7				Remove and replace manifold-per unit	
4.9.8.22				Passenger doors to paint yellow and Blue-per unit. -Does not include repairs.	
4.9.8.24				Remove and replace corroded Pressure switch box.	
4.9.8.29				Paint Passenger Toilet- per toilet --Does not include repairs.	
4.9.8.12				Overhaul gangway support (shear pack)	
4.9.8.36		XF2.1.5.1		Replace damaged / faulty fittings and mirror as required.	Per Unit
4.9.8.37		XF3.1.1.1		Replace glass and accessories as required.	Per Unit
4.9.8.31		XF5.1.2.1		Repair / Replace gangway flooring	Per Unit
4.9.8.15		XF10.1.4	External	Paint White on all cocks/valves handles	Per Unit
4.9.8.1		XF10.1.6	External	Exterior Blue Cowling ends: Minor Repair and repaint- per end	Per Unit
4.9.8.40		XF10.1.27	External	Replace tread plates (Step Aluminium tread plate)	Per Unit
4.9.8.30		XF10.1.29	Toilet	Repaint toilet walls.	Per Unit

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4.9.8.20		XF10.1.71	Ext Doors	Remove / Paint (Yellow, Blue) and Reinstall External Passenger doors. Excludes door repair	Per Unit
4.9.8.88		New		Replace all floor carpet ( Only) in aisle	Per Unit
4.9.8.79		XF4.2.5		Replace draft gear assembly.No mandatory replacement on new type of coupler. Contractor to provide repair scope as required.	Per Unit
		XF6.1.2		Replace damaged / split door seals as required. Pack hinges accordingly.	Per Unit
4.9.8.74				Replace damaged door hinges as required	Per Unit
4.9.8.61		N/A		Inspect galley swing doors for damage. Check operation of door locks.	Per Unit
4.9.8.72		N/A		Repair galley swing doors as required	Per Unit
4.9.8.76		N/A		Replace door motor as required	Per Unit
4.9.8.77		N/A		Replace door valves if found leaking	Per Unit
4.9.8.70		N/A		Perform door ODS test and adjustment for sliding door.	Per Unit
4.9.8.80		New		Replace old plug type external isolation cocks. Service new plug type.	Per Unit
4.9.8.78		XF7.2.1		Replace PBS, BCPS1 & 2, WSPG pressure switches with new units and test as per PRR-4. (For review - electric fleets operating to 10+ years between replacement.)	Per Unit
4.9.8.73		New		Replace BP and MR end cocks with overhauled units	Per Unit
4.9.8.51			HVAC	Remove and Reinstall HVAC unit plus chiller, incl testing/commissioning	Per Unit
4.9.8.54		New		As part of the AC Overhaul scope, check the condition of AC boost fan, overhaul and re-install.	Per Unit
4.9.8.59		New		As part of the AC Overhaul scope, disassemble pneumatic actuators for the AC dampers and replace with serviced units.	Per Unit
4.9.8.69		New		Perform AC dusting Damper Modification Mod.	Per Unit
4.9.8.56		N/A		Clean galley exhaust ductwork.	Per Unit
4.9.8.57				Conduct external visual inspections on calorifiers where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit
4.9.8.58				Conduct internal visual inspections on clarifiers' where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit
4.9.8.63				a) Inspect and test calorifiers safety expansion valves - SSL5 cold water expansion valve (Model LV-200KPa) - Sleeper Car safety valve P79-12136 - Buffet Car safety valve (where fitted) b) Inspect and test calorifiers controls (where fitted) i) Thermostat ii) Temperature cut-out devices iii) Thermal mixing valve iv) Water level switches for operation	Per Unit
4.9.8.62		N/A		Inspect and assess corrosion on 4 underframe corner junction boxes.	Per Unit
4.9.8.71				Repair damaged Battery box cover	Per Unit
4.9.8.65				Manufacture & Replace steel pipes connecting MR & BP end cocks to copper tube	Per Unit
4.9.8.55		New		Check toilet vent sealing. Reseal if required	Per Unit
4.9.8.82		N/A		Test and repair passenger wheel chair help points	Per Unit



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XPT Life Extension Program- First Class Sitter (XL) Pricing Details					
P Item Billing Code	NEW Scope Ref	ST Scope Ref	Location	Description	UOM
4.9.0.1	3.1.3	XL4.1.2.2	Coupler	Replace coupler carrier components as required.	Per Unit
4.9.0.10	4.1.2	XL5.1.1.1	Door	Replace door frame and skin with overhauled items as required.	Per Unit
4.9.0.11	4.1.11	XL6.1.3.1	Door	Replace damaged door hinges as required.	Per Unit
4.9.0.12	5.2.6	REL6.2, 14.3 XP		Remove valves and inspect Block seating.	Per Unit
4.9.0.13	5.2.7	REL6.2, 14.3 XP		Replace brake block where wear is evident in seats.	Per Unit
4.9.0.14	5.2.13	REL 14.4 XP		Replace as required air valves.	Per Unit
4.9.0.2	3.1.4	XL10.1.5	Coupler	Service Coupler Release Handle Bar.	Per Unit
4.9.0.3	3.2.4	XL4.2.5	Coupler	Replace draft gear assembly	Per Unit
4.9.0.4	3.4.8	XL5.1.3.1	Gangway	Replace damaged gangway ceiling panels	Per Unit
4.9.0.5	3.4.10	XL5.1.4.1	Gangway	Replace damaged gangway inner and flexible panels	Per Unit
4.9.0.6	3.4.13	XL5.1.5.1	Gangway	Repair / Replace gangway faceplate	Per Unit
4.9.0.7	3.4.15	XL5.1.7.1	Gangway	Replace worn / damaged flexbars as required	Per Unit
4.9.0.8	3.4.17	XL5.1.8.1	Gangway	Replace damaged gangway diaphragm	Per Unit
4.9.0.9	3.4.19	XL5.1.9.1	Gangway	Replace damaged / split gangway P seal	Per Unit
4.9.1.1	1.3.2	XL10.1.12	External	Step ladders (both ends) – need cleaning and a fresh coat of paint.	Per Unit
4.9.1.10	4.1.22	XL6.1.1.1	Door	Paint intercar doors on condition.	Per Unit
4.9.1.11	1.4.109	REL11.1		Where floor covering is removed or underfloor condition is suspect, check condition of plywood.	Per Unit
4.9.1.2	1.3.10	XL10.1.2	External	External Black Side Skirt Panel Requires Minor pat/bog/repaint	Per Unit
4.9.1.3	1.3.28	XL10.1.64	Gauge's	Replace BC gauge	Per Unit
4.9.1.4	1.3.29	XL10.1.65	Gauge's	Replace MR/Water raising gauge x 2	Per Unit
4.9.1.5	1.4.2	XL2.1.1.1	Internal	Replace curtains if damaged or non-recoverable as required	Per Unit
4.9.1.6	1.4.83	XL10.1.40	Toilets	Replace Toilet filter regulator including coalescing filter change.	Per Unit
4.9.1.7	1.11.5	XL9.1.1	Internal	Renew seat numbers with glow illumination seat numbers. Replace glow illumination seat numbers if not replaced at previous CCO program.	Per Unit
4.9.1.8	3.4.5	XL10.1.27	Gangway	Repair / Replace gangway tread plate	Per Unit
4.9.1.8	3.4.5	XL10.1.27	External	Remove and Replace Gangway tread plates	Per Unit
4.9.1.9	4.1.18	XL6.1.3.1	Door	Replace sliding door nosing rubbers if damaged / split	Per Unit
4.9.6.10	1.4.101	REL10.2		Floor Aisle Carpet (under seat) When aisle carpet is replaced and middle aisle carpet is to remain, preference is to steam clean middle carpet to closely match new carpet installed.	Per Unit
4.9.6.11	1.4.105	REL10.3		Side Wall Carpet. Remove / Replace carpet if carpet is non recoverable by steam clean or damaged. -	Per Unit
4.9.6.12	1.4.107	REL10.3		Side Wall Carpet. On carpet removal, inspect surface area for damaged.	Per Unit
4.9.6.2	1.4.5	XL2.1.2.1	Internal	Replace wall and / other carpet as required.	Per Unit
4.9.6.3	1.4.66	XL10.1.34	Internal	Replace Mirror - Scratched etc.	Per Unit
4.9.6.4	1.4.69	XL10.1.17	Luggage	Clean Stainless Steel Strip in luggage rack above seats	Per Unit
4.9.6.5		XL2.1.6.1	Internal	Replace / Renew Luggage Rack Strips and clean as required	Per Unit
4.9.6.6	4.1.6	XL6.1.2.1	Door	Replace damaged / split door seals as required.	Per Unit
4.9.6.7	4.1.30	XL10.1.63		Overhaul FR and coalescing unit	Per Unit
4.9.6.9	1.4.98	REL10.2		Floor Aisle Carpet (under seat) On carpet removal, inspect underlay, replace if soiled, damaged.	Per Unit
4.9.8.7				Remove and replace manifold-per unit	
4.9.8.22				Passenger doors to paint yellow and Blue-per unit. -Does not include repairs.	
4.9.8.24				Remove and replace corroded Pressure switch box.	
4.9.8.29				Paint Passenger Toilet- per toilet –Does not include repairs.	
4.9.8.12				Overhaul gangway support (shear pack)	
4.9.8.37		XL3.1.1.1		Replace glass and accessories as required.	Per Unit
4.9.8.16		XL6.1.14	Internal Walls	Prep / Paint Aluminium strip above Passenger wall carpet, both sides of wall- Per Car	Per Unit
4.9.8.1		XL10.1.6	External	Exterior Blue Cowling ends: Minor Repair and repaint- per end	Per Unit
4.9.8.40		XL10.1.27	External	Replace tread plates (Step Aluminium tread plate)	Per Unit
4.9.8.30		XL10.1.29	Toilet	Repaint toilet walls.	Per Unit
4.9.8.20		XL10.1.71	Ext Doors	Remove / Paint (Yellow, Blue) and Reinstall External Passenger doors. Excludes door repair	Per Unit
4.9.8.36		XF2.1.5.1		Replace damaged / faulty fittings and mirror as required.	Per Unit
4.9.8.31		XF5.1.2.1		Repair / Replace gangway flooring	Per Unit
4.9.8.88				Replace all floor carpet ( Only) in aisle	Per Unit
4.9.8.79		XF4.2.5		Replace draft gear assembly.No mandatory replacement on new type of coupler. Contractor to provide repair scope as required.	Per Unit
4.9.8.75		XL6.1.2		Replace damaged / split door seals as required. Pack hinges accordingly.	Per Unit
4.9.8.74				Replace damaged door hinges as required	Per Unit
4.9.8.61		N/A		Inspect galley swing doors for damage. Check operation of door locks.	Per Unit
4.9.8.72		N/A		Repair galley swing doors as required	Per Unit

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4.9.8.76		N/A		Replace door motor as required	Per Unit
4.9.8.77		N/A		Replace door valves if found leaking	Per Unit
4.9.8.70		N/A		Perform door ODS test and adjustment for sliding door.	Per Unit
4.9.8.80				Replace old plug type external isolation cocks. Service new plug type.	Per Unit
4.9.8.78		XI.7.2.1		Replace PBS, BCPS1 & 2, WSPG pressure switches with new units and test as per PRR-4. (For review - electric fleets operating to 10+ years between replacement.)	Per Unit
4.9.8.73				Replace BP and MR end cocks with overhauled units	Per Unit
4.9.8.51			HVAC	Remove and Reinstall HVAC unit plus chiller, incl testing/commissioning	Per Unit
4.9.8.54				As part of the AC Overhaul scope, check the condition of AC boost fan, overhaul and re-install.	Per Unit
4.9.8.59				As part of the AC Overhaul scope, disassemble pneumatic actuators for the AC dampers and replace with serviced units.	Per Unit
4.9.8.69				Perform AC dusting Damper Modification Mod.	Per Unit
4.9.8.56		N/A		Clean galley exhaust ductwork.	Per Unit
4.9.8.57		XI.9.2.3		Conduct external visual inspections on calorifiers where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit
4.9.8.58		XI.9.2.4		Conduct internal visual inspections on calorifiers' where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit
4.9.8.63		XI.9.2.5		a) Inspect and test calorifiers safety expansion valves - SLS cold water expansion valve (Model LV-200KPa) - Sleeper Car safety valve P79-12136 - Buffet Car safety valve (where fitted) b) Inspect and test calorifiers controls (where fitted) i) Thermostat ii) Temperature cut-out devices iii) Thermal mixing valve iv) Water level switches for operation	Per Unit
4.9.8.62		N/A		Inspect and assess corrosion on 4 underframe corner junction boxes.	Per Unit
4.9.8.71				Repair damaged Battery box cover	Per Unit
4.9.8.65		XI.10.1.69		Manufacture & Replace steel pipes connecting MR & BP end cocks to copper tube	Per Unit
4.9.8.55				Check toilet vent sealing. Reseal if required	Per Unit
4.9.8.82		N/A		Test and repair passenger wheel chair help points	Per Unit

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XPT Life Extension Program - Economy Sitter and Sitter with Luggage (XF and XFH) P Item Pricing Details						
P Item Billing Code	NEW Scope Ref	ST Scope Ref	Location	Description	UOM	
4.9.01	3.1.3	XFH4.1.2.2	Coupler	Replace coupler carrier components as required.	Per Unit	
4.9.010	4.1.2	XFH6.1.1.1	Door	Replace door frames and skin	Per Unit	
4.9.011	4.1.11	XFH6.1.1.1	Door	Replace damaged door hinges as required.	Per Unit	
4.9.012	5.2.6	RE0.2, 14.3 XF		Remove valves and inspect. Block seating.	Per Unit	
4.9.013	5.2.7	RE0.2, 14.3 XF		Replace brake block where wear is evident in seats.	Per Unit	
4.9.014	5.2.13	RE1, 14.4 XF		Replace as required air valves.	Per Unit	
4.9.015	3.2.4	XFH0.1.5	Coupler	Overhaul Coupler Release Handle Bar.	Per Unit	
4.9.016	3.2.4	XFH4.2.5	Coupler	Replace draft gear assembly	Per Unit	
4.9.04	3.4.8	XFH5.1.1.1	Gangway	Replace damaged gangway ceiling panels	Per Unit	
4.9.05	3.4.10	XFH5.1.4.1	Gangway	Replace damaged gangway inner and flexible panels	Per Unit	
4.9.06	3.4.15	XFH5.1.6.1	Gangway	Repair / Replace gangway faceplate	Per Unit	
4.9.07	3.4.15	XFH5.1.7.1	Gangway	Replace worn / damaged flexitors as required	Per Unit	
4.9.08	3.4.17	XFH5.1.8.1	Gangway	Replace damaged gangway diaphragm	Per Unit	
4.9.09	3.4.19	XFH5.1.9.1	Gangway	Replace damaged / split gangway floor	Per Unit	
4.9.11	1.3.2	XFH0.1.1.2	External	Step ladders (both ends) - need cleaning and a fresh coat of paint.	Per Unit	
4.9.110	4.1.22	XFH6.1.11.1	Door	Paint interior door on condition.	Per Unit	
4.9.111	1.4.300	RE11.1		Where floor covering is removed or underfloor condition is suspect, check condition of plywood.	Per Unit	
4.9.12	1.3.10	XFH0.1.1	External	External Black Side Skirt Panel Requires Minor paint/bag/repaint	Per Unit	
4.9.16	1.4.03	XFH0.1.40	Toilets	Replace Toilet filter regulator including coalescing filter change.	Per Unit	
4.9.17	1.11.5	XFH8.1.1	Internal	Renew seat numbers with glow illumination seat numbers. Replace glow illumination seat numbers if not replaced at previous COO program.	Per Unit	
4.9.18	3.4.5	XFH0.1.27	Gangway	Repair / Replace gangway tread plate	Per Unit	
4.9.19	4.1.18	XFH6.1.1.1	Door	Replace sliding door noising rubbers if damaged / split	Per Unit	
4.9.510	1.4.101	RE130.1		Floor Aisle Carpet (under seat) When aisle carpet is replaced and middle aisle carpet is to remain, preference is to steam clean middle carpet to closely match new carpet installed.	Per Unit	
4.9.511	1.4.105	RE130.3		Side Wall Carpet. Remove / Replace carpet if carpet is non recoverable by steam clean or damaged. -	Per Unit	
4.9.52	1.4.5	XFH2.1.2.1	Internal	Replace Wall/Other Carpet Per Side XFH	Per Unit	
4.9.53	1.4.66	XFH0.1.94	Internal	Replace Mirror - Scratched etc.	Per Unit	
4.9.54	1.4.69	XFH0.1.17	Luggage	Clean Stainless Steel Strip in luggage rack above seats	Per Unit	
4.9.55	1.11.4	XFH2.1.6.1	Internal	Replace / Renew luggage rack strips and clean as required	Per Unit	
4.9.56	4.1.8	XFH6.1.2.1	Door	Replace damaged / split door seal as required.	Per Unit	
4.9.57			Internal	Overhaul FRS/Coalescing Unit on XFH	Per Unit	
4.9.59	1.4.98	RE130.2		Floor Aisle Carpet (under seat) On carpet removal, inspect underlay, replace if soiled, damaged.	Per Unit	
4.9.617				Paint luggage compartment sliding door	Per Unit	
4.9.67				Remove and replace manifold-per unit	Per Unit	
4.9.624				Remove and replace control Pressure switch box.	Per Unit	
4.9.616				Prep and Paint x 2 Aluminium strips above passenger wall carpet per car	Per Unit	
4.9.629				Paint Passenger Toilet- per toilet -Does not include repairs.	Per Unit	
4.9.641			HVAC	Remove and Reinstall HVAC unit plus chiller, Ind bedding/commissioning	Per Unit	
4.9.13				Replace BC gauge	Per Unit	
4.9.14				Replace MI/Water mixing gauge x 2	Per Unit	
4.9.636		XFH2.1.5.1		Replace damaged / faulty fittings and mirror as required.	Per Unit	
4.9.634		XFH2.1.5.2	Guard	Repair Observer's window GRP - Remove / Replace Side view mirrors x 2 units including paint	Per Unit	
4.9.637		XFH3.1.1.1		Replace glass and accessories as required.	Per Unit	
4.9.631		XFH5.1.2.1		Repair / Replace gangway flooring / <del>wood-plank</del>	Per Unit	
4.9.610		XFH6.1.11.3	Toilet	Inspect Toilet door Closer / Replace as required	Per Unit	
4.9.61		XFH0.1.6	External	Exterior Blue Cowling ends: Minor Repair and repaint-per end	Per Unit	
4.9.614		XFH0.1.16	Internal	Paint Saloon (Joint assessment with contractor)	Per Unit	
4.9.620		XFH0.1.72	Ext Doors	Remove / Paint (Yellow, Blue) and Reinstall External Passenger doors. Excludes door repair	Per Unit	
4.9.688				Replace all floor carpet (Only) In aisle	Per Unit	
4.9.679		XFH4.2.5		Replace draft gear assembly.No mandatory replacement on new type of coupler. Contractor to provide repair scope as required.	Per Unit	
4.9.675		XFH6.1.2		Replace damaged / split door seals as required. Pack hinges accordingly.	Per Unit	
4.9.674				Replace damaged door hinges as required	Per Unit	
4.9.641		N/A		Inspect galley swing doors for damage. Check operation of door locks.	Per Unit	
4.9.672		N/A		Repair galley swing doors as required	Per Unit	
4.9.676		N/A		Replace door motor as required	Per Unit	
4.9.677		N/A		Replace door valves if found leaking	Per Unit	
4.9.670		N/A		Perform door ODS test and adjustment for sliding door.	Per Unit	
4.9.680				Replace old plug type external isolation cocks. Service new plug type.	Per Unit	
4.9.678		XFH7.2.2		Replace PSS, BCP51 & 2, WSPG pressure switches with new units and test as per FRMA. (For review- electric fleets operating to 30+ years between replacement.)	Per Unit	
4.9.679				Replace BP and MI and cocks with overhauled units	Per Unit	
4.9.654				As part of the AC Overhaul scope, check the condition of AC boost fan, overhaul and re-install.	Per Unit	
4.9.650				As part of the AC Overhaul scope, disassemble pneumatic actuators for the AC dampers and replace with serviced units.	Per Unit	
4.9.669				Perform AC dusting Damper Modification Mod.	Per Unit	
4.9.656		N/A		Clean galley exhaust ductwork.	Per Unit	



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4.9.857	XPH01.3		Conduct external visual inspections on calorifiers where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit	
4.9.858	XPH01.4		Conduct internal visual inspections on calorifiers where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit	
4.9.859	XPH01.5		a) Inspect and test calorifiers safety expansion valves - SSLS cold water expansion valve (Model LV-2000/a) - Sleeper Car safety valve P75-12138 - Buffet Car safety valve (where fitted) b) Inspect and test calorifiers controls (where fitted) i) Thermostat ii) Temperature cut-out device iii) Thermal mixing valve iv) Water level switches for operation	Per Unit	
4.9.871	XPH 10.1.69		Repair damaged Battery box cover	Per Unit	
4.9.885	XPH 10.1.70		Manufacture & Replace steel pipes connecting M11 & SP and cocks to copper tube	Per Unit	
4.9.885			Check toilet vent sealing, if loose if required	Per Unit	
4.9.882	N/A		Test and repair passenger wheel chair help points	Per Unit	



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XPT Life Extension Program-Sleeper Car (XAM) P Item Pricing Details					
P Item Billing Code	NEW Scope Ref	ST Scope Ref	Location	Description	UOM
4.9.0.1	3.1.3	XAM4.1.1.2		Replace coupler carrier components as required.	Per Unit
4.9.0.30	4.1.2	XAM5.1.1.1		Replace door frames and skin with overhauled items as required.	Per Unit
4.9.0.11	4.1.11	XAM5.1.1.1		Replace damaged door hinges as required.	Per Unit
4.9.0.12	5.2.6	REL6.2, 14.3 XP		Remove valves and inspect block seating.	Per Unit
4.9.0.13	5.2.7	REL6.2, 14.3 XP		Replace brake block where wear is evident in seats.	Per Unit
4.9.0.14	5.2.13	REL 14.4 XP		Replace as required air valves.	Per Unit
4.9.0.2	3.1.4	XAM12.1.5	Coupler	Service Coupler Release Handle Bar.	Per Unit
4.9.0.3	3.2.4	XAM4.2.4		Replace draft gear assembly	Per Unit
4.9.0.4	3.4.8	XAM4.3.1.1		Replace damaged gangway ceiling panels as required	Per Unit
4.9.0.5	3.4.10	XAM4.3.4.1		Replace damaged gangway inner and flexible panels as required.	Per Unit
4.9.0.6	3.4.13	XAM4.3.6.1		Repair / replace gangway faceplate	Per Unit
4.9.0.7	3.4.15	XAM4.3.7.1		Replace damaged flexitors as required.	Per Unit
4.9.0.8	3.4.17	XAM4.3.8.1		Replace damaged gangway diaphragm	Per Unit
4.9.0.9	3.4.19	XAM4.3.9.1		Replace damaged / split gangway P seal	Per Unit
4.9.1.1	1.5.2	XAM12.1.12	External	Step ladders (both ends) - need cleaning and a fresh coat of paint.	Per Unit
4.9.1.10	4.1.22	XAM5.1.9		Paint intercar doors on condition.	Per Unit
4.9.1.11	1.4.109	REL11.1		Where floor covering is removed or underfloor condition is suspect, check condition of plywood.	Per Unit
4.9.1.2	1.3.10	XAM12.1.2	External	External Black Side Skirt Panel requires repair/bog/repaint	Per Unit
4.9.1.3	1.3.28	XAM12.1.90	Gauges	Replace BC gauge	Per Unit
4.9.1.4	1.3.29	XAM12.1.91	Gauges	Replace MI/Water raising gauge x 2	Per Unit
4.9.1.5	1.4.2	XAM2.1.1.1		Replace curtains worn / damaged as required	Per Unit
4.9.1.6	1.4.83	XAM12.1.66	Toilet	Replace Toilet filter regulator including coalescing filter change.	Per Unit
4.9.1.8	3.4.5	XAM12.1.26	Gangway	Remove & Replace Gangway Tread plate	Per Unit
4.9.2.1	1.3.11	XAM12.1.30	External	Remove and Replace Side skirt	Per Unit
4.9.2.10	1.4.86	XAM12.1.58	Sleeper	Inspect / Replace Mirror - Scratched etc...	Per Unit
4.9.2.11	1.5.4	XAM12.1.25	Vestibule	Remove and Replace Passenger door window glass	Per Unit
4.9.2.12	1.5.6	XAM12.1.34	Internal	Replace cabin door glass seal	Per Unit
4.9.2.13	1.8.4	XAM12.1.53	Guard	Remove / Replace Guards Seat	Per Unit
4.9.2.14	1.11.7	XAM12.1.59	Livery	Remove / Replace damaged Decals	Per Unit
4.9.2.15	1.4.21	XAM12.1.17	Gangway	Remove & Replace Step tread plate	Per Unit
4.9.2.16	4.1.5	XAM5.1.2.1		Replace damaged / split door seals as required.	Per Unit
4.9.2.17	4.1.28	XAM12.1.35	Internal	Remove and Replace Door closer	Per Unit
4.9.2.2	1.3.15	XAM12.1.29	Guard	Remove and replace Observer's window GRP	Per Unit
4.9.2.3	1.4.9	XAM2.1.4.1		Replace worn / damaged wall carpet as required.	Per Unit
4.9.2.4	1.4.27	XAM12.1.41	Toilet	Replace all toilet floor vinyl	Per Unit
4.9.2.5	1.4.28	XAM12.1.42	Toilet	Replace toilet door seals	Per Unit
4.9.2.6	1.4.29	XAM12.1.43	Toilet	Repaint Toilet bin area	Per Unit
4.9.2.9	1.4.40	XAM12.1.48	Sleeper	Replace bunk bed locking mechanism	Per Unit
4.9.8.7				Remove and replace manifold-per unit	Per Unit
4.9.8.22				Passenger doors to paint yellow and Blue-per unit. Does not include repairs.	Per Unit
4.9.8.24				Remove and replace corroded Pressure switch box.	Per Unit
4.9.5.7				Overhaul FI and coalescing unit	Per Unit
4.9.1.7				Renew seat numbers with glow illumination seat numbers. Replace glow illumination seat numbers if not replaced at previous CCO program.	Per Unit
4.9.8.12				Overhaul gangway support (shear pack)	Per Unit
4.9.8.35		XAM2.1.6.1		Replace damaged / faulty fittings and mirror as required.	Per Unit
4.9.8.37		XAM3.1.1.1		Replace glass and accessories as required. Per Unit	Per Unit
4.9.8.33		XAM4.3.2.2		Repair gangway flooring	Per Unit
4.9.8.51			HVAC	Remove and Reinstall HVAC unit, incl testing/commissioning	Per Unit
4.9.8.13		XAM5.1.10		Paint Passenger Doors per door	Per Unit
4.9.8.1		XAM12.1.6	External	Exterior Blue Cowling ends: Minor Repair and repairs-per end	Per Unit
4.9.8.3		XAM12.1.7	External	External hand clean including external lights	Per Unit
4.9.8.2		XAM12.1.11	External	Exterior structure: Minor Chip/ dents, damaged outer skin at few locations.	Per Unit
4.9.8.28		XAM12.1.21	Compert	Repaint sleeping cabs to XAM new colour scheme- per cabin	Per Unit
4.9.8.11		XAM12.1.22	Compert	Install Compartment cladding including Anti G/Film (removal of wall carpet)-per cabin	Per Unit
4.9.8.34		XAM12.1.28	Guard	Repair Observer's window GRP - remove / Replace Side view mirrors # 2 units including paint	Per Unit
4.9.8.9		XAM12.1.45	Toilet	Inspect Toilet door Closer / Replace as required	Per Unit
4.9.8.5		XAM12.1.46	Compartment	Inspect door Closer / Replace as required	Per Unit
4.9.8.19		XAM12.1.56	Sleeper	Remove pillows & linen and return to SMC	Per Unit
4.9.8.8		XAM12.1.90	Sleeper	Inspect Sleeper waste Bins, Clean as required (9 Cabins)	Per Unit
4.9.8.27		XAM12.1.92	Sleeper	Remove, Prep /Paint and Re-Instate Compartment doors (9 Units)	Per Unit
4.9.8.26		XAM12.1.93	Toilet	Remove, Prep / Paint and Re-Instate Toilet doors (8 Units)	Per Unit
4.9.8.16		XAM12.1.96	Compartment	Prep / Paint Aluminium strip above Passenger wall carpet, both sides of wall- Per Car	Per Unit
4.9.8.86				Replace all floor carpet (Only) In aisle	Per Unit

4.9.8.70		XAM4.2.4	Replace draft gear assembly.No mandatory replacement on new type of coupler. Contractor to provide repair scope as required.	Per Unit	
4.9.8.75		XAM5.1.2	Replace damaged / split door seals as required. Pack hinges accordingly.	Per Unit	
4.9.8.74		XAM 5.1.3.1	Replace damaged door hinges as required	Per Unit	
4.9.8.61			Inspect galley swing doors for damage. Check operation of door locks.	Per Unit	
4.9.8.72			Repair galley swing doors as required	Per Unit	
4.9.8.76			Replace door motor as required	Per Unit	
4.9.8.77			Replace door valves if found leaking	Per Unit	
4.9.8.66			Overhaul toilet sliding door system. Replace toilet door control panel, toilet door motor, timing relay.	Per Unit	
4.9.8.70			Perform door QDS test and adjustment for sliding door.	Per Unit	
4.9.8.80			Replace old plug type external isolation cocks. Service new plug type.	Per Unit	
4.9.8.78		XAM5.2.2	Replace PBS, BCP51 & 2, WSPG pressure switches with new units and test as per P1044. (For review - electric fleets operating to 10+ years between replacement.)	Per Unit	
4.9.8.73			Replace BP and MR end cocks with overhauled units	Per Unit	
4.9.8.54			As part of the AC Overhaul scope, check the condition of AC boost fan, overhaul and re-install.	Per Unit	
4.9.8.50			As part of the AC Overhaul scope, disassemble pneumatic actuators for the AC dampers and replace with serviced units.	Per Unit	
4.9.8.69			Perform AC dusting Damper Modification Mod.	Per Unit	
4.9.8.56			Clean galley exhaust ductwork.	Per Unit	
4.9.8.83		XAM11.1.3	Conduct external visual inspections on calorifiers where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit	
4.9.8.84		XAM11.1.4	Conduct internal visual inspections on calorifiers' where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide inspection procedure	Per Unit	
4.9.8.85		XAM11.1.5	a) Inspect and test calorifiers safety expansion valves - SS15 cold water expansion valve (Model LV-200KPa) - Sleeper Car safety valve P79-12136 - Buffet Car safety valve (where fitted) b) Inspect and test calorifiers controls (where fitted) i) Thermostat ii) Temperature cut-out devices iii) Thermal mixing valve iv) Water level switches for operation	Per Unit	
4.9.8.64			Mandatory replacement of mattresses and covers	Per Unit	
4.9.8.62			Inspect and assess corrosion on 4 underframe corner junction boxes	Per Unit	
4.9.8.60			Disassemble toilet/shower module and clean.	Per Unit	
4.9.8.68			Overhaul toilet/shower module as required.	Per Unit	
4.9.8.71			Repair damaged Battery box cover	Per Unit	
4.9.8.65			Manufacture & Replace steel pipes connecting MR & BP end cocks to copper tube	Per Unit	
4.9.8.55			Check toilet vent sealing. Reseal if required	Per Unit	
4.9.8.62			Test and repair passenger wheel chair help points	Per Unit	



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XPT Life Extension Program - First Class Sitter with Buffet (XBR) Pricing Details					
P Item Billing Code	NEW Scope Ref	ST Scope Ref	Location	ITEMS	UOM
4.9.0.1	3.3.3	XBR4.1.1.2	Coupler	Replace coupler carrier components as required.	Per Unit
4.9.0.10	4.1.2	XBR5.1.1.1	Door	Replace Door Frames/Skins with overhauled items as required.	Per Unit
4.9.0.11	4.1.11	XBR5.1.3.1	Door	Replace damaged door hinges as required.	Per Unit
4.9.0.12	5.2.6	REL6.2, 14.3 XP		Remove valves and inspect block seating.	Per Unit
4.9.0.13	5.2.7	REL6.2, 14.3 XP		Replace brake block where wear is evident in seats.	Per Unit
4.9.0.14	5.2.13	REL 14.4 XP		Replace as required air valves.	Per Unit
4.9.0.2	3.1.4	XBR10.0.5	Coupler	Overhaul Coupler Release Handle Bar.	Per Unit
4.9.0.3	3.2.4	XBR4.4.5	Coupler	Replace draft gear assembly	Per Unit
4.9.0.4	3.4.8	XBR5.1.3.1	Gangway	Replace damaged gangway ceiling panels	Per Unit
4.9.0.5	3.4.10	XBR5.1.4.1	Gangway	Replace damaged gangway inner and flexible panels	Per Unit
4.9.0.6	3.4.13	XBR5.1.6.1	Gangway	Repair / Replace gangway faceplate	Per Unit
4.9.0.7	3.4.15	XBR5.1.7.1	Gangway	Replace worn / damaged flexitors as required	Per Unit
4.9.0.8	3.4.17	XBR5.1.8.1	Gangway	Replace damaged gangway diaphragm	Per Unit
4.9.0.9	3.4.19	XBR5.1.9.1	Gangway	Replace damaged / split gangway Panel	Per Unit
4.9.1.10	4.1.22	XBR6.1.11.1	Door	Paint intercar doors on condition.	Per Unit
4.9.1.11	1.4.109	REL11.1		Where floor covering is removed or underfloor condition is suspect, check condition of plywood.	Per Unit
4.9.1.2		XBR10.0.2	External	External Black Side Skirt Panel Requires repair/bog/repaint	Per Unit
4.9.1.3	1.3.28	XBR10.0.103	Gauges	Replace BC gauge	Per Unit
4.9.1.4	1.3.29	XBR10.0.104	Gauges	Replace MR/Water raising gauge x 2	Per Unit
4.9.1.5	1.4.2	XBR2.1.1.1	Internal	Replace curtains if damaged or non-recoverable as required	Per Unit
4.9.1.6	1.4.83	XBR10.0.77	Toilet	Replace Toilet filter regulator including coalescing filter change.	Per Unit
4.9.1.8	3.4.5	XBR10.0.62	Gangway	Replace gangway tread plate	Per Unit
4.9.1.9	4.1.18	XBR5.1.6.1	Door	Replace sliding door nosing rubbers if damaged / split	Per Unit
4.9.3.1	1.4.3	XBR10.0.37	Saloon	Curtains: inspect and replace on condition Velcro securing curtains.	Per Unit
4.9.3.10	1.4.74	XBR10.0.49	Saloon	Remove and reft handrails after Powder coating to existing blue	Per Unit
4.9.3.11	1.4.79	XBR10.0.54	Saloon	Replace rubbers between the seat pedestals	Per Unit
4.9.3.12	1.4.88	XBR10.0.56	Crew Area	Repair and Repaint External Vestibule wall only	Per Unit
4.9.3.13	1.4.89	XBR10.0.57	Crew Area	Inspect / Clean Internal crew Vestibule wall only	Per Unit
4.9.3.14		XBR2.1.5.1	Internal	Replace / Renew luggage rack strips and clean as required	Per Unit
4.9.3.15	4.1.6	XBR6.1.2.1	Door	Replace damaged / split door seals as required.	Per Unit
4.9.3.16	4.1.30	XBR10.0.102		Overhaul FR and coalescing unit	Per Unit
4.9.3.17	1.4.97	REL10.2		Floor Aisle Carpet (under seat) Remove / Replace carpet as required (non CCO cars)	Per Unit
4.9.3.18	1.4.99	REL10.2		Floor Aisle Carpet (under seat) On carpet removal, inspect underlay, replace if soiled, damaged.	Per Unit
4.9.3.19	1.4.102	REL10.2		Floor Aisle Carpet (under seat) When aisle carpet is replaced and middle aisle carpet is to remain, preference is to steam clean middle carpet to closely match new carpet installed.	Per Unit
4.9.3.2	1.4.5	XBR2.1.2.1	Internal	Replace wall and / other carpet as required.	Per Unit
4.9.3.20	1.4.117	REL17.1		Buffer Caters Rubber matting Replace as required. # On-Condition flooring that require repairs/replacement to be notified to Sydney Trains	Per Unit
4.9.3.21	1.4.119	REL17.1		Buffer caters floor vinyl. Replace as required. # On-Condition flooring that require repairs/replacement to be notified to Sydney Trains	Per Unit
4.9.3.3	1.4.32	XBR10.0.69	Toilet	Inspect toilet Mirror - Replace as required	Per Unit
4.9.3.4	1.4.33	XBR10.0.70	Toilet	Inspect Handrails - Repaint / Powder Coat as required	Per Unit
4.9.3.5	1.4.44	XBR10.0.14	Buffet	Install New decal reading 'PLEASE DO NOT OPEN HOT BEVERAGE CUPS AT COUNTER'	Per Unit
4.9.3.6	1.4.45	XBR10.0.15	Buffet	Replace and Secure Soft mat (Buffet area) - at both end using Steel trims.	Per Unit
4.9.3.7	1.4.47	XBR10.0.17	Buffet	Replace kitchen tap	Per Unit
4.9.3.8	1.4.49	XBR10.0.19	Buffet	Replace wash basin tap and hardware	Per Unit
4.9.3.9		XBR2.1.6.1	Internal	Clean Stain/Str Strip in Luggage Rack XBR	Per Unit
4.9.8.15				Paint all external cocks & Valves- White per car	Per Unit
4.9.8.7				Remove and replace manifold-per unit	Per Unit
4.9.8.22				Passenger doors to paint yellow and Blue-per unit. - Does not include repairs.	Per Unit
4.9.8.25				Remove and replace Vinyl only in disabled toilet	Per Unit
4.9.8.21				Remove and replace Vinyl only in servery area in kitchen	Per Unit
4.9.8.24				Remove and replace corroded Pressure switch box.	Per Unit
4.9.8.16				Prep and Paint x 2 Aluminium strips above passenger wall carpet per car	Per Unit
4.9.1.7				Renew seat numbers with glow illumination seat numbers. Replace glow illumination seat numbers if not replaced at previous CCO program.	Per Unit
4.9.8.12				Overhaul gangway support (shear pack)	Per Unit
4.9.8.36		XBR2.1.5.1		Replace damaged / faulty fittings and mirror as required.	Per Unit

4.9.8.37		XBR3.1.1.1		Replace glass and accessories as required.	Per Unit
4.9.8.33		XBR5.1.2.1		Repair gangway flooring	Per Unit
4.9.8.9		XBR6.1.1.1.2	Toilet	Inspect Toilet door Closer / Replace as required	Per Unit
4.9.8.1		XBR10.0.6	External	Exterior Blue Cowling ends: Minor Repair and repaint- per end	Per Unit
4.9.8.29		XBR10.0.64	Toilet	Repaint toilet walls. (Included in Paint Cost)	Per Unit
4.9.8.87				Replace all floor carpet ( Only) in aisle	Per Unit
4.9.8.79		XBR4.4.5		Replace draft gear assembly.No mandatory replacement on new type of coupler. Contractor to provide repair scope as required.	Per Unit
4.9.8.75		XBR6.1.2 v		Replace damaged / split door seals as required. Pack Hinges accordingly.	Per Unit
4.9.8.74				Replace damaged door hinges as required	Per Unit
4.9.8.61				Inspect galley swing doors for damage. Check operation of door locks	Per Unit
4.9.8.72				Repair galley swing doors as required	Per Unit
4.9.8.76				Replace door motor as required	Per Unit
4.9.8.77				Replace door valves if found leaking	Per Unit
4.9.8.66				Overhaul XBR toilet sliding door system. Replace toilet door control panel, toilet door motor, timing relay.	Per Unit
4.9.8.70				Perform door ODS test and adjustment for sliding door	Per Unit
4.9.8.80				Replace old plug type external isolation cocks. Service new plug type	Per Unit
4.9.8.78		XBR7.2.1		Replace PBS, BCPS1 & 2, WSPG pressure switches with new units and test as per PR8-41. (For review - electric fleets operating to 104 years between replacement.)	Per Unit
4.9.8.73				Replace BP and MR end cocks with overhauled units	Per Unit
4.9.8.53			HVAC	Remove and Reinstall HVAC unit, Incl testing/commissioning	Per Unit
4.9.8.54				As part of the AC Overhaul scope, check the condition of AC boost fan, overhaul and re-install.	Per Unit
4.9.8.59				As part of the AC Overhaul scope, disassemble pneumatic actuators for the AC dampers and replace with serviced units.	Per Unit
4.9.8.69				Perform AC dusting Damper Modification Mod.	Per Unit
4.9.8.56				Clean galley exhaust ductwork.	Per Unit
4.9.8.57		XBR9.2.3		Conduct external visual inspections on calorifiers where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide Inspection procedure	Per Unit
4.9.8.58		XBR9.2.4		Conduct internal visual inspections on clarifiers' where last test date is expired or about to expire as per technical references. Calorifiers are located in Underfloor - Buffet (90 Litre) - Sleeper Car (135 Litre) Above floor - All toilets other than in Sleeper Cars (5 Litre) The Contractor to provide Inspection procedure	Per Unit
4.9.8.63		XBR9.2.5		a) Inspect and test calorifiers safety expansion valves - SLS cold water expansion valve (Model LV-200KPa) - Sleeper Car safety valve P79-12136 - Buffet Car safety valve (where fitted) b) Inspect and test calorifiers controls (where fitted) i) Thermostat ii) Temperature cut-out devices iii) Thermal mixing valve iv) Water level switches for operation	Per Unit
4.9.8.71				Repair damaged Battery box cover	Per Unit
4.9.8.65				Manufacture & Replace steel pipes connecting MR & BP end cocks to copper tube	Per Unit
4.9.8.55				Check toilet vent sealing. Reseal if required	Per Unit
4.9.8.81		XBR10.0.15		Replace and Secure Soft mat (Buffet area) - at both end using Steel trims. Review current arrangement. Issues with mat bubbling	Per Unit
4.9.8.82				Test and repair passenger wheel chair help points	Per Unit

**Note:**

For green cells (HVAC prices): the Base Dated Unit Price is labour only. The Subcontract including the [REDACTED] is included in the Current Unit Price

**Attachment 6.2 – Schedule of new P items rates as per CCO scope v0.4 rev4**

ST Scope Ref	Location	ITEMS Scope description	Unit Qty
XP4.9.8.75		Replace door seals	1
XP11.1.17		Repair front skirts & fit new hatch	1
XP11.1.12		Replace skylights with alu skin	1
XP11.1.41		Inspect traction motor cables and renew if required	1
XP11.1.45		MPI bogie attachments and centre pin	1
XP11.1.41		Inspect and assess corrosion on 4 underframe corner junction boxes	1
All Cars 4.9.1.5		Curtain replacement	1
All Cars		Gangway vinyl replacement - all Cars	1
All Trailer Cars		Toilet (guard and passenger) vinyl replacement	1
XAM		Guards area vinyl replacement	1
XFH2.1.3.1		B end vestibule vinyl replacement	1

**Note \*):**

The Base Dated Unit Price is labour only. The Subcontract including the [REDACTED] is included in the Current Unit Price.

**Attachment 7 – Non Stock Subcontractor primary Service per Car  
Description of Service only**

Car Type	Eng. Floor Grate	Air Receiver Inspection	Carpet/ Wall & Floor	Vinyl Floor Replacement	Carpet XAM sleeper	XAM-Air vent units x9
XP	✓	✓	✓	✓		
XF		✓	✓	✓		
XL		✓	✓	✓		
XFH		✓	✓	✓		
XAM		✓	✓	✓	✓	✓
XBR		✓	✓	✓		



Attachment 8.1 – Schedule of Rotables forecast

XPT LIFE EXTENSION ROTABLES - AVERAGE WEIGHTED PRICE

Service Product	Service Material Description	AW Price	FY Budget Total
1000246931	WTY VALVE,DRIVER BRAKE,D/M AB737-0V1		
1000246957	REPAIR COCK,ISOLATING,15MM NB,WHB C23709		
1000246963	REPAIR COCK,ISOLATING,3/4",WHB C23883LR		
1000247776	REPAIR COCK,EMERGENCY CUT OUT,3/4 BSP,WH		
1000248379	REPAIR COCK,ISOLATING,20NB,3WAY,WHB C254		
1000406203	REPAIR BRAKE CONTROLLER,B11,XPT,C24623		
1000406216	REPAIR Valve DUMP NMA,XPT,EMV920-920		
1000406236	REPAIR Valve LIMIT(Yellow)XPT,C24399-23		
1000435575	STD,SEAT,PASSENGER,COMPLETE, ANS,XPT ECO		
1000435576	STD,SEAT,PASSENGER,COMPLETE,TRF,XPT,ECO		
1000435577	STD,SEAT,PASSENGER,COMPL,TRF,XPT,FCLASS		
1000435831	MFT,SEAT,PASSENGER,COMPLETE, ANS,XPT ECO		
1000435832	MFT,SEAT,PASSENGER,COMPLETE,TRF,XPT,ECO		
1000443197	STD PCB,XPT,BFC01-D1 CONTROL		
1000443699	STD SEAT,PASSENGER,SINGLE,TRF,XPT,FCLASS		
1000443799	STD SEAT,CREW,COMPLETE,XPT,TRL		
1000444488	MFT DIAPHRAGM,ARCH A. FACEPLATE ASSY,XPT		
1000444489	STD DIAPHRAGM,ARCH A. FACEPLATE ASSY,XPT		
1000444528	MFT ACT,HYDRPNEU,LIN,XPT TRAILER SALOON		
1000444529	STD ACT,HYDRPNEU,LIN,XPT TRAILER SALOON		
1000444538	STD ACT,HYDRPNEU,LIN,XPT BUFFET,XPL		
1000444633	MFT CNTRL UNIT,DOOR LOCKING SYS,XPT CAR		
1000444634	STD CNTRL UNIT,DOOR LOCKING SYS,XPT CAR		
1000444895	STD PANEL,INDIC,AC,FLETNR XPTAIR IND 001		
1000444991	STD SEAT,RAILWAYVEHICLE,DRIVER/GUARD,XPT		
1000447658	MFT CONTROL UNIT,DOOR LOCKING SYS,XPT PW		
1000447659	STD CONTROL UNIT,DOOR LOCKING SYS,XPT PW		
1000447917	GAUGE,PANEL,HIGH AND LOW PRESSURE,XPT		
1000448364	STD GAUGE,PANEL,HIGH AND LOW PRESSURE,XP		
1000448837	STD SOLENOID PANEL,TRAILER CAR DOOR,XPT		
1000449480	STD PANEL,ANNUNCIATOR ALARM,XPT		
1000449510	REPAIR COCK,ISO,BP,END,1-1/4IN,B16R,XPT		
1000450107	STD PCB,FAULT DETECTOR,BRUSH		
1000450372	STD SEAT,DRIVER,DSO,XPT		
1000450374	STD SEAT,OBSERVER,OSO		
1000452850	STD CALORIFIER,WATER HEATER,XPL,REPAIRED		
1000453164	STD IMPELLER,FAN,AXIAL,EXHAUST,FRESH AIR		
1000463315	STD BRAKE UNT,EA12,TRLR XPT,MANIFOLD W S		
1000469975	RELIAB,XPT,ECON XF2200-2224,(H/R)		
1000469976	RELIAB,XPT,ECON XF2200-2224,(P)		
1000469977	RELIAB,XPT,ECON XF2200-2224,(LS)		
1000470344	STD ASSY,VERTICAL LINK,XPT/XPL		
1000470640	STD CALORIFIER,WATER HEATER		
1000472391	STD CALORIFIER,WATER HEATER,REPAIRED		
1000485595	STD PANEL,BODY,RWY VEH,FRONT NOSE CONE		
<b>Grand Total</b>			

Attachment 8.2 – Schedule of HVAC Rotables forecast

Overhaul

Billor Code	Item Description	Base Date Price	Current Price
5.6.21	STD CONDENSING UNIT,XPT BUFFET		
5.6.27	STD CONDENSING UNIT,XPT TRL/GU		
5.6.23	STD HEAT/COOL UNIT,XPT TRLR/GUARDS		
5.6.25	STD HEAT/COOL UNIT,XPT BUFFET CAR		
5.6.41	STD-IMPELLER,FAN,AXIAL,EXHAUST,FRESH AIR		
5.6.36	STD REFRIGIRATION UNIT,GALLEY,XBR,XPT		
5.6.37	STD CONDENSER,CHILLED WATER,XPT TRLS		
TBC	Water Chiller Evaporator		

On Condition replacement parts

- RCU14-MR1 Condensing Unit

Billor Code	Item Description	Base Date Price	Current Price
5.6.127	Condenser Coil		
5.6.50	Blanking Strip for Condenser		
5.6.128	Compressor Front Panel		
5.6.131	Condenser Front Panel Grille		
5.6.129	Compressor Side Panel		
5.6.129	Condenser Side Panel		
5.6.130	Condenser Top Panel		
TBC	T Bolt Handle (each)		
5.6.51	Crankcase Heater (2 per car)		
5.6.48	Compressor Discharge Vibrasorber		
5.6.47	Compressor 06D328 Overhaul		
TBC	Compressor Minor Service.Function test, change oil, clean & re- paint		

- RCU16-MR1 CONDENSING UNIT**

Billor Code	Item Description	Base Date Price	Current Price
5.6.127	Condenser Coil		
5.6.45	Blanking Strip for Condenser		
5.6.128	Compressor Front Panel		
5.6.131	Condenser Front Panel Grille		
5.6.129	Compressor Side Panel		
5.6.129	Condenser Side Panel		
5.6.130	Condenser Top Panel		
TBC	T Bolt Handle (each)		
5.6.46	Crankcase Heater		
5.6.43	Compressor Discharge Vibrasorber		
5.6.42	Compressor 06D337 Overhaul		
TBC	Compressor Minor Service Function test, change oil, clean & re- paint		

- Refrigerant Gauge Panel**

Billor Code	Item Description	Base Date Price	Current Price
TBC	HP Gauge 63mm (each)		
TBC	LP Gauge 63mm (each)		
TBC	Gauge Panel Mounting Base		

- HVAC On Car parts for Commissioning**

Billor Code	Item Description	Base Date Price	Current Price
TBC	Liquid Line Vibrasorber (each)		
TBC	Suction Line Vibrasorber (each)		

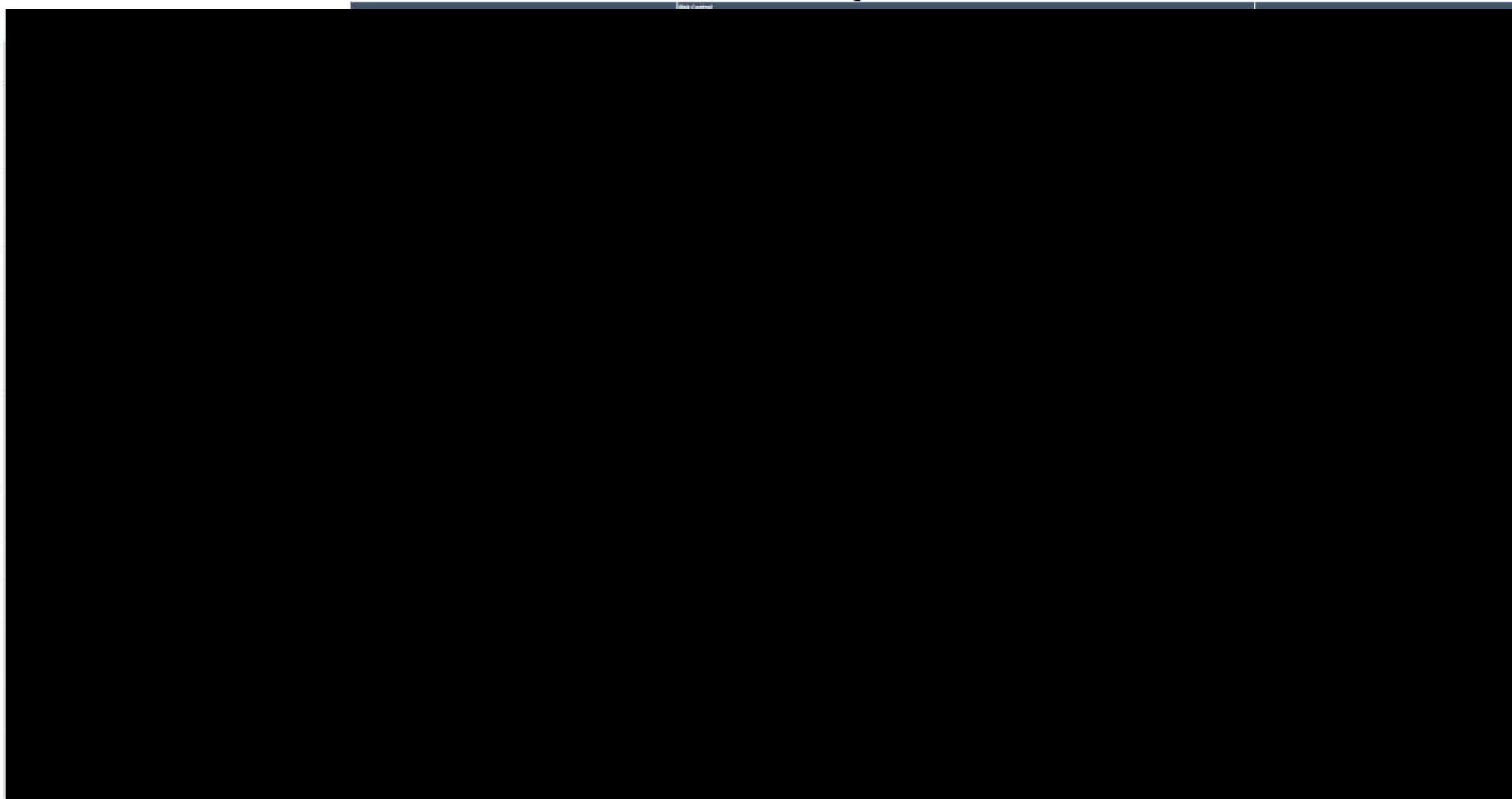
- Refrigeration Condensing Unit**

Billor Code	Item Description	Base Date Price	Current Price
TBC	By-Pass Regulator		
TBC	Pressure Regulator - Condenser		
TBC	Condenser Coil		
TBC	Condenser Side Panel – LH and RH		
TBC	Rear Panel and Front Grille		

- Refrigeration parts for Commissioning**

Service #	Item Description	Base Date Price	Current Price
TBC	Suction Line Vibrasorber (each)		
TBC	Liquid Line Vibrasorber (each)		

**Attachment 9 – Risk Register**



## **ANNEXURES**

**ANNEXURE B – Schedule of Prices**



**Annexure B - Schedule of Prices**

**Labour component**

The labour component of the proposed Contract Price will be calculated in accordance with:

- (a) the rates set out in Schedule 20 to the L3C Agreement; and
- (b) to the extent the rates in Schedule 20 to the L3C Agreement are inapplicable, the rates set out in Table 1.

**Table 1: Labour Rates**

Resource Type	Hourly Rate	Daily Rate
Project Director		
Software Engineer		
Programmer / Planner / Scheduler		
Commercial Manager		
Shift Delivery Manager		
Warehouse Manager		
AssetManager		
Supply Chain Manager		
Quality Manager		
Contracts Manager		
Operations Manager		
Quality Inspector		

Notes:

- 1. All labour rates are based on the costs of labour at Base Date 30 June 2012 and will be adjusted in accordance with the indexation principles set out in Schedule 20 of the L3C Agreement.
- 2. All labour rates are for Business Days and assume 7.6 hours per Business Day.

**Third-party costs component**

The third-party costs component of the proposed Contract Price will be calculated in accordance with:

- (a) the rates set out in Schedule 20 to the L3C Agreement; and
- (b) to the extent the rates in Schedule 20 to the L3C Agreement are inapplicable, the third-party invoiced cost plus [REDACTED]



**ANNEXURE D - KPIs**

The following KPIs apply specific to this project:

Principal and the Contractor will meet every 3 months, unless otherwise agreed in writing by the parties.

A KPI Performance Report will be provided at the end of each month and will include:



Within 1 month after award of contract, a baseline Car Program schedule will be completed and submitted for the Principal's approval.

**GENERAL CONDITIONS**

See Standing Offer Deed.

**Price Schedule - XPT Life Extension**

Tenderer Name: \_\_\_\_\_ UGL Unipart (= The Contractor)

**Notes for Tenderer**

1. Tenderer is to fill in the information only in the light yellow cells.
2. All prices are to be quoted in Australian dollars and are exclusive of GST.
3. Prices are not subject to exchange rate variations.

Current LPI: \_\_\_\_\_

		Car Type	Mgt Fee	XP	XAM	XBR	XF	XL	XFH
		Quantity							
Item	Description of Services								
0	Base Date Car Price								
1	Current L5 Car Price								
2	Estimated Current Price P Items per Car								
3	Estimated Current Price for HR per Car								
4	Estimated Current Price for On-Car Variations								
5	Estimated Current Price for Non-Stock Purchases								
6	Current Price for HVAC Work (excl equipment overhaul)								
7	Management Fee								
<b>Total Estimated Price</b>									

