### Room Data Sheet Preliminary Programming

Space Ref	Space Name	No. of Units	Approx.	Net Total	Location / Adjac		
A1-1.1	Typical Service Bay	<ul> <li>4 stalls for 18288mm (60') long buses + 1 stall for 12192mm (40') long bus</li> </ul>	6303 SF / 586 M <sup>2</sup>		<ul><li>Off main drive aisle</li><li>Exterior</li></ul>		
Activity Desc	ription	Acoustic Treatment		Occupancy /	Loading Standards		
Bus maintenance and general repair		Sound Iso DBA Sound Ins Rev. Time Security		2 persons / bay Flexibility			
<ul> <li>Drive through for 18288mm (60') bays (exterior overhead door)</li> <li>Interior drive in access only for 12192mm (40') bays</li> <li>All exterior personnel exits and overhead exits require a reinforced concrete pad which should be tied structurally to the building foundation wall</li> </ul>		Building Perimeter		Single use space			
Structure		Environment		Equipment			
Height <u>5791 n</u> garage) Clear Span Floor Loading Spec. Req: • Refer Specifica for fall ar • Refer to Strucural loading. • Refer Equipme Structura Electrical items t structure • Overhead welding systems	to E23.8 Structural tions on requirements rest system design. o E23.7.1 Structural tions for Wall Impact ce E23.14 and E23.15.17 Specifications for floor to E23.15.7 and nt list Appendix L; I, Mechanical and requirements for all o be supported by d curtain system for and pressure washing to be hung from roof	Temp80F View Out Humidity _60% View O View In Spec. Req: • Winter conditions per 68F • Humidity control not re	Ext ut Int mitted to be equired	<ul> <li>In-floor he hoist to b washing)</li> <li>Hose ree NEQ-02</li> <li>Fall arres designed specificat determine Transit.</li> <li>Exhaust e equipmer</li> <li>Work ber</li> <li>Particulat</li> <li>One (1) p in 60' bay</li> <li>Overhead containm washing</li> </ul>	oists NEQ-01 (1-60' bay e water resistant for bus I fluid dispensing system at protection to be as per Structural cions. Locations to be ed in design phase with extraction system the ches at each bay the extraction NEQ-09 pressure washing system y NEQ-11 d curtain system for eent, suitable for pressure system.		
Electrical Services		Illumination		Room Finishes			
Power T Comp A Tel PA CCTV W Other: • 1 quad r (separate	V V ireless eceptacle at every bay	Ft. Candles Daylight Fluor Quart LED_X Incand Special Other:	ht X Floor: . Polished, sealed concrete Walls: . Refer to E23.7.1 complete with		sealed concrete E23.7.1 complete with 200		
<ul> <li>Welding</li> </ul>	plug (1 station shared			– painted	d. Block to be flush with		

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<ul> <li>Overhead 120V/30A/1Ph/60Hz</li> </ul>	race or concrete.
drop c/w twist-lock 30A	Ceiling:
receptacle for portable exhaust	
unit NEQ-09. (1 drop shared per	Exposed Structure - painted
every two adjacent bays).	
Refer to Appendix L for specific	
electrical requirements to	
equipment.	
All duplex receptacles in the	
garage and snops area to be	
120V 20A circuits.	
Power for pressure wasning	
System NEQ-11	Commonte
Wechanical Services	Comments
Hot WCold W Drainperimeter trench drains four (4) for pressure washing system Exhaust Air Climate Controlled?Yes Other: • Exhaust for bus fumes • Compressed air • Overhead - 2 x 3/8" dia. (1 @ 130psi, 1 @ 120 psi) • Wall – 1 x 1" dia. lines @ 120 psi • Refer to Appendix L for specific mechanical requirements to equipment.	<ul> <li>Configure 18,288mm (60') bus bays on south complete with overhead doors to allow direct access to exterior</li> <li>2,438mm (8'-0") clear between buses.</li> <li>Alternate the compressed air connections and welding connections at wall locations between bays</li> <li>Alternate overhead compressed air connections and fluid dispensing systems at ceiling locations between bays.</li> <li>All roof structure at bus bays shall be designed to accommodate the loads required for a future addition of a fall arrest system similar to those required in specific bus bays under this RFP. Proponents structural drawings shall locate and identify the allowable loads for each proposed future fall arrest system.</li> <li>Any compressed air high pressure loop to be by Trans Air, or approved equivalent.</li> <li>30' buses will be serviced at any 40' bus bay location</li> <li>Confirm exhaust unit MOCP with manufacturer prior to procurement of the equipment.</li> </ul>

### Room Data Sheet Preliminary Programming

Space Ref	Space Name	No. of Units	Approx. Net Area	Ne	et Total	Location / Adjac		
A1-1.2 Activity Desc • Complete including. grinding, compone	Refurbishing Service Bay ription e refurbishing of buses torching, welding, panel removal, int removal.	1 stall for 18288mm (60') long bus     3 stalls for 12192mm (40') long bus long     Acoustic Treatme Sound Iso Sound Ins	1600 + (1200 x 3) = 5,200 SF/ 483M <sup>2</sup> ent DBA Rev. Time	<b>Occ</b> 2 - 4	<b>upancy /</b> 4 persons	Off main drive aisle Loading Standards		
Access		Security		Flexibility				
<ul> <li>Interior d drive aisle</li> <li>All exterioverhead reinforced should b building f</li> </ul>	Irive in access off main e ior personnel exits and l exits require a d concrete pad which e tied structurally to the oundation wall.	• Building Perimeter		Single use space				
Structure		Environment		Equipment				
Height 5791m garage) Clear Span Floor Loading Spec. Req: • Refer Specifica for fall ar • Refer to Specifica Resistan • Refer to Strucural loading. • Refer Appendix Electrica items t structure • Refer to extraction be suppo • Refer to L; Struc Electrica items t structure	to E23.8 Structural to E23.8 Structural ations on requirements rest system design. to E23.7.1 Structural ations for Wall Impact ce E23.14 and E23.15.17 I Specifications for floor to Equipment lists k L; Mechanical and I requirements for all to be supported by E23.15.7. Exhaust in system equipment to orted by roof structure. Equipment list Appendix ctural, Mechanical and I requirements for all to be supported by	Environment Temp80F View Out Ext Humidity _60% View Out Int View In Spec. Req:  Winter conditions permitted to be 68F Humidity control not required		<ul> <li>Equipment</li> <li>In-floor hoists NEQ-01</li> <li>Hose reel fluid dispensing system NEQ-02</li> <li>Fall arrest protection to be designed as per Structural specifications. Locations to be determined in design phase with Transit.</li> <li>Overhead curtain system for containment, suitable for welding.</li> <li>Central Vacuum system. Refer to E24.5.11</li> <li>Particulate extraction NEQ-09</li> </ul>				
Electrical Ser	VICES	Illumination		Roo	om Finishe	28		
Power T Comn ∆	V V	Ft. Candles	Daylight <u>X</u> Quartz	Floo	or:			
Tel PA	Tel PA   LED: _X			Polished, sealed concrete				

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CCTV Wireless	Incand. Special				
Other:	Other:	Walls:			
<ul> <li>1 quad receptacle at each bay (separate circuits)</li> <li>1 additional 220V welding plug</li> <li>Welding plug (1 station shared between every two bays)</li> <li>Refer to Appendix L for specific electrical requirements to equipment.</li> <li>All duplex receptacles in the garage and shops area to be 120V 20A circuits.</li> <li>Hoist to be provided with 208V 3ph outlet for portable dust extractor/vacuum</li> </ul>		<ul> <li>Refer to E23.7.1 complete with 200 mm CMU to underside of structure – painted. Block to be flush with face of concrete.</li> <li>Ceiling:         <ul> <li>Exposed Structure - painted</li> </ul> </li> </ul>			
Mechanical Services	Comments				
<ul> <li>Hot WY Cold WY</li> <li>Drain</li> <li>Exhaust</li> <li>Air</li> <li>Climate Controlled?Yes</li> <li>Other: <ul> <li>Exhaust for bus fumes</li> <li>Overhead breathing air station</li> <li>Compressed air (1 station shared between every two bays)</li> <li>Overhead - 2 x 3/8" dia. (1</li></ul></li></ul>	<ul> <li>3,048mm (10'-0") clear between but designed to accommodate the loa arrest system similar to those requered proponents structural drawings shafor each proposed future fall arrest</li> <li>Any compressed air high pressure lequivalent.</li> <li>Clear volume and entry point with s structure, vertical and horizontal du</li> <li>30' buses will be serviced at any 4000000000000000000000000000000000000</li></ul>	uses. All roof structure at bus bays shall be ids required for a future addition of a fall uired in specific bus bays under this RFP. all locate and identify the allowable loads system. loop to be by Trans Air, or approved ufficient maintenance access free of all cts or conduits, lights, etc. ' bus bay location			

### Room Data Sheet Preliminary Programming

Space Ref No.	Space Name	No. of Units	Approx. Net Area	N	et Total		Location / Adjac
A1-1.3	Body Repair Bay	<ul> <li>8 stalls for 1292mm (40') long buses</li> <li>1 stall for 18288mm (60') long buses</li> </ul>	(8 x 1023) + (1 x 1320) = 9504 SF/883M <sup>2</sup>			•	Off main drive aisle Exterior
Activity Desci	cription	Acoustic Treatment		Occupancy / Loading Standards			
• Bus body repair and maintenance door repairs, glass replacement, body work		Sound Iso DBA Sound Ins Rev. Time		2 persons / bay			
Access		Security		Flexibility			
<ul> <li>Drive through for 18288mm (60') bays (exterior overhead door)</li> <li>Interior drive in access off main drive aisle</li> <li>All exterior personnel exits and overhead exits require a reinforced concrete pad which should be tied structurally to the building foundation wall</li> </ul>		Building Perimeter		Single use space			
Structure		Environment		Equipment			
Height <u>5791 n</u> garage) Clear Span _y Floor Loading Spec. Req: • Refer Specifica for fall an • Refer to Strucural loading. • Refer to L; Struc Electrical items to structure.	mm clear (match existing yespsf to E23.8 Structural ations on requirements arrest system design. o E23.14 and E23.15.17 al Specifications for floor D Equipment list Appendix uctural, Mechanical and al requirements for all to be supported by e.	<ul> <li>Temp80FView Out Ext Humidity _60%View Out Int View In Spec. Req:</li> <li>Winter conditions permitted to be 68F</li> <li>Humidity control not required</li> </ul>		<ul> <li>In-floor hoists NEQ-01</li> <li>Particulate extraction NEQ-09</li> <li>Hose reel fluid dispensing system NEQ-02</li> <li>Fall arrest protection to be designed as per Structural specifications. Locations to be determined in design phase with Transit.</li> </ul>			
Electrical Services							
PowerTV         CompAV         TelPA         CCTVWireless         Other:         • 1 quad receptacle at every bay (separate cicruits)         • Welding plug (1 station shared between every two bays) at wall         • Refer to Appendix L for specific electrical requirements to		Ft. Candles Daylight <u>X</u> Fluor Quartz LEDX Incand Special Other:		<ul> <li>Polished, sealed concrete</li> <li>Walls:</li> <li>Refer to E23.7.1 complete with 200 mm CMU to underside of structure – painted. Block to be flush with face of concrete.</li> <li>Ceiling:</li> </ul>			
Electrical Services PowerTV CompAV TelPA CCTVWireless Other: • 1 quad receptacle at every bay (separate cicruits) • Welding plug (1 station shared between every two bays) at wall • Refer to Appendix L for specific electrical requirements to equipment.		Illumination           Ft. Candles DaylightX_           Fluor Quartz           LED_X_           Incand Special           Other:		<ul> <li>Room Finishes</li> <li>Floor: <ul> <li>Polished, sealed concrete</li> </ul> </li> <li>Walls: <ul> <li>Refer to E23.7.1 complete with mm CMU to underside of struc – painted. Block to be flush face of concrete.</li> </ul> </li> <li>Ceiling:</li> </ul>			

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<ul> <li>All duplex receptacles in the garage and shops area to be 120V 20A circuits.</li> <li>Overhead 120V/30A/1Ph/60Hz drop c/w twist-lock 30A receptacle for portable exhaust unit NEQ-09. (1 drop shared per every two adjacent bays).</li> </ul>	Exposed Structure - painted
Mechanical Services	Comments
<ul> <li>Hot W Cold W</li> <li>Drain</li> <li>Exhaust</li> <li>Air</li> <li>Air</li> <li>Climate Controlled?Yes</li> <li>Other:</li> <li>Exhaust for bus fumes</li> <li>Overhead breathing air station at 5 locations TBC by City</li> <li>Compressed air <ul> <li>Overhead - 2 x 3/8" dia. (1 @ 130psi, 1 @ 120 psi)</li> <li>Wall - 1 x 1" dia. lines @ 120 psi</li> </ul> </li> <li>Refer to Appendix L for specific mechanical requirements to equipment.</li> </ul>	<ul> <li>Configure 18,288mm (60'-0") bays on south complete with overhead doors to allow direct access to exterior</li> <li>2,438mm (8'-0") clear between buses.</li> <li>Alternate the compressed air connections and welding connections at wall locations between bays</li> <li>Alternate overhead compressed air connections and fluid dispensing systems at ceiling locations between bays.</li> <li>All roof structure at bus bays shall be designed to accommodate the loads required for a future addition of a fall arrest system similar to those required in specific bus bays under this RFP. Proponents structural drawings shall locate and identify the allowable loads for each proposed future fall arrest system.</li> <li>Any compressed air high pressure loop to be by Trans Air, or approved equivalent.</li> <li>30' buses will be serviced at any 40' bus bay location.</li> <li>Confirm exhaust unit MOCP with manufacturer prior to procurement of the equipment.</li> </ul>