

Futsal Pitch Technical Reference Schedule

TENDER ISSUE

29.10.21

Code	Description	Specification	Specification Detail
PV**	Pavements and Surfaces		
PV1.1	Concrete Paving Type 1	Description	Normal Grey Insitu Concrete Paving (off white cement)
		Loading	Pedestrian
		Cement	Brightonlite off-white (or similar approved)
		Pavement Thickness	Refer Civil Engineer documents
		Finish	Broom Finish
		Slip resistance	Min R11 to DDA Standards
		Reinforcement	Refer Civil Engineer Documents
		Base layer	Refer Civil Engineer Documents
		Construction Joint	Refer Civil Engineer Documents
		Control Joint	Refer Civil Engineer Documents
		Sample	1m2 sample panel finished as scheduled include finished expansion and saw cut joints
PV1.2	Concrete Paving Type 2	Description	Exposed aggregate paving
		Loading	Pedestrian
		Concrete mix	Hy-Tec 'Alexandra' TBC
		Pavement Thickness	Refer Civil Engineer documents
		Finish	Broom Finish
		Slip resistance	Min R11 to DDA Standards
		Reinforcement	Refer Civil Engineer Documents
		Base layer	Refer Civil Engineer Documents
		Construction Joint	Refer Civil Engineer Documents
		Control Joint	Refer Civil Engineer Documents
		Sample	1m2 sample panel finished as scheduled include finished expansion and saw cut joints
PV2.1	Synthetic Turf	Material	Synthetic Turf sports surfacing
		Product	<i>Tiger Turf</i> 'Endurance 50' (or similar approved)
		Pile Height	50mm
		Colour	TBC
		Shockpad	Included - to manufacturer specifications
		Base Material	Refer Civil Engineer Documents
		Fixing	To manufacturer specifications
		Finish	Rubber and sand infill to design levels - to manufacturer specifications
		Linemarking	7 a side court - white 5 a side courts - yellow Linemarking to be stitched into surface (not surface painted)
		Sample	2m2 sample panel
		Supplier	<i>Tiger Turf</i> or similar approved

LE**	Edges and Kerbs		
LE1.1	Steel Edge - Type 1	Product	Formboss 'ZAM' Steel edging (or similar approved)
		Size	75mm HT, 2.0mm gauge
		Fixing	Manufacturer supplied anchors and fixings
		Finish	Flush with adjacent surface. Edging to have rolled top edge
		Sample	2 lin m installed
		Supplier	Formboss (or similar approved)
LW**	Landscape Walls		
WL1.1	Concrete Wall - Type 1	Description	Insitu Concrete retaining wall
		Dimensions	400 W X 450 H - refer plans
		Concrete type & aggregate	Standard grey (70% off white cement, 30% flyash), 14mm aggregate.
		Finish	Smooth finish to superintendent approval
		Reinforcement	Refer Civil Engineers Documents
		Concrete Strength	Refer Civil Engineers Documents
		Joints	Refer Civil Engineers Documents
		Sealer	Ability Building Colour 'Duro-Seel' Clear (or similar approved) - apply to manufacturer specifications
		Sample	2 lin m installed
LF**	Furniture and Fixtures		
LF1.1	Bench - Type 1	Product	Linea' Bench Seat (LIB6) (or similar approved)
		Supplier	Street Furniture Australia (or similar approved)
		Size	1800 x 445 x 430
		Battens	Eco-certified hardwood (Spotted Gum or Vic Ash) (oiled)
		Fixing	Subsurface fixed to manufacturer specifications
		Frame	Powdercoated 304 SS - Colour TBC
		Sample	1 no. photo prior to installation
LF1.2	Seat - Type 1	Product	Linea' Seat with back and arm rests (LIS10) (or similar approved)
		Supplier	Street Furniture Australia (or similar approved)
		Size	1800 x 540 x 845
		Battens	Eco-certified hardwood (Spotted Gum or Vic Ash) (oiled)
		Fixing	Subsurface fixed to manufacturer specifications
		Frame	Powdercoated 304 SS - Colour TBC
		Arm Rests	2 no. integral arms - Powdercoated 304SS - Colour TBC
		Sample	1 no. photo prior to installation
LF2.1	Lookout Table - Type 1	Product	Linea' Lookout Table (or similar approved) (modified version of 'Aria' lookout table to 'Linea' range)
		Supplier	Street Furniture Australia (or similar approved)
		Size	2.1m L x 480 W (Table)
		Stools	4 no. Cafe Stool (S1) - Street Furniture Australia (or similar approved). Colour TBC
		Table Fixing	Subsurface fixed
		Stool Fixing	Subsurface fixed
		Battens	Eco-certified hardwood (Spotted Gum or Vic Ash) (oiled)
		Frame	Powder coated 304 SS (Colour TBC)

		Sample	1 no. photo prior to installation
LF2.2	Picnic Setting - Type 1	Product	Linea' Long Communal Table (or similar approved) (modified version of 'Aria' long communal table to 'Linea' range)
		Supplier	Street Furniture Australia (or similar approved)
		Size	5000mm L x 705mm W x 830mm H (height extender to leg to allow for Wheelchair access)
		Battens	Eco-certified hardwood (Spotted Gum or Vic Ash) (oiled)
		DDA Options	2 no. wheelchair accessible seating positions each end of table
		Fixing	Subsurface fixed
		Frame	Powder coated 304 SS (Colour TBC)
		Seating	4 no. 'Linea' Bench Seat (LIB6) as per LF1.1
		Sample	1 no. photo prior to installation
LF3.1	Futsal Goals	Product	Modified 'Aluline Multi-Purpose Goal' (or similar approved)
		Supplier	Hi Tech Sports (or similar approved)
		Size	3m width x 2m height
		Goal Frame	80mm aluminium SHS (welded)
		Net	Provide 2 no. nets per goal to allow for replacements as required
		Fixings	Provide spare set of bolts / fixings to allow for replacements as required
		Options	Collapsible sides Rubber overlay to base of posts Extended leg into inground sleeves
		Fixing	Contractor to submit design for approval of an anchored chain and lock or similar method of locking goals in both an open and closed position. Anchor point to be from from back of frame to fence post / rail in open position - ensure fence posts align with nominated goal positions - refer elevations and plans.
		Sample	Provide design methodology for locking / fixing system prior to fabrication. 1 no. photo prior to installation.
LF3.2	Outdoor Table Tennis Table	Product	Hero' steel outdoor table tennis table
		Supplier	POPP
		Size	2740 x 1525 x 760mm H
		Material	10mm steel plate and welded steel supports
		Surface Treatment	Abrasive blast, zinc rich primer and UV rated two pack polyurethane colour top coat
		Fixing	Chemset anchor bolt to manufacturer specification
		Colour	TBC
		Sample	1 no. photo prior to delivery
LF4.1	Repainting to Shelter Posts & Beams	Description	Repainting to existing shelter painted timber posts and beams
		Preparation	Dulux 1Step Prep Water Based Primer, Sealer & Undercoat (or similar approved) applied to manufacturer specification
		Paint	Dulux Weathershield 'Matt' (or similar approved) applied to manufacturer specification
		Colour	To match existing
LF5.1	Drinking Fountain	Description	DDA accessible drinking fountain
		Product	Apollo 280 Drinking Fountain with longer basin, bottle filler & dog bowl attachment

		Supplier	Urban FF (or similar approved)
		Height	900mm
		Materials	316 SS basin and fixings
		Finish	Powdercoat (Colour TBC)
		Mounting	Bolt down to manufacturer specifications
		DDA accessibility	Provide longer basin DDA accessibility
		Options	Tap and Dog Bowl
		Plumbing	Contractor to provide all plumbing infrastructure to connect to existing water supply and stormwater to manufacturer specifications

LF6.1	Bins	Description	Oxley' Bin 120L with custom surround. Note single waste bin surround only, with space allocation for future recycling bin to be retained.
		Supplier	Mosurban
		Dimensions	600 x 1240 x 605mm
		Cladding	Powdercoated steel (Colour TBC)
		Chute	Powdercoated steel (Colour TBC)
		Litter Cover	Powdercoated steel (Colour TBC)
		Fixing	Anchor Bolt to manufacturer specification

FE**	Fences & Gates		
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FE1.1	Fence - Type 1	Description	Cyclone Mesh protective fencing
		Suggested Supplier	Melbourne Chain Wire Fencing (or similar approved)
		Height	3.6m
		Mesh	Black Cyclonemesh, 3.15mm wire, 45mm aperture
		Posts	To be confirmed by supplier - nominal dimensions: Corner: 80NB; Intermediate: 40NB; NOTE: Central posts for divider net (FE1.2) to be integrated into FE1.1 fence. Refer FE1.2 below for post details.
		Post spacing	Max 3m - refer plans
		Rails	32mm NB
		Fixing	T-Clamp fittings (or similar approved)
		Running Cable Wires	Spaced equally between rails - refer detail
		Post Finish	Powdercoat - Black

FE1.2	Fence - Type 2	Description	Sports Pitch Divider Curtain Net
		Supplier	Oxley Nets (ph: 1300 730 731)
		Height x length	3.6m x 30m
		Net	96 ply (2.5mm) 45x45mm UV stable nylon knitted netting- colour black (or similar approved) TBC
		Net weighting	Weighted bottom to net with heavy-duty webbing protection as specified by suggested supplier (or similar approved) TBC
		Running Cable Wire	Nominal 5mm galv steel wire as specified by suggested supplier (or similar approved) TBC
		Posts	150 SHS with capping (TBC by supplier)
		Post Finish	Powdercoat - Black

		Storage	Allow to provide elastic ball ties to either end of netting for near storage, as nominated by suggested supplier.
		Sample	1 x 1m sample of netting, with weighted bottom and webbing protection.
FE2.1	Gate - Type 01	Description	Cyclonemesh Entry Gate
		Suggested Supplier	Protective Fencing (or similar approved)
		Dimensions	Nom. 1070mm width x 1980m height
		Mesh	Black Cyclonemesh, 3.15mm wire, 45mm aperture
		Frame	Nom. 25NB
		Frame Finish	Powdercoat - Black
		Lock	Shoot bolt in formed hand hole as per details
GR**	Grassing		
GR1.1	Instant Turf	Description	TifTuf' Kikuyu instant turf
		Soil	200mm depth Sandy loam
		Cultivation	100mm depth
GR1.2	Grass sprigs	Description	Kikuyu sprigs
		Soil	Sandy loam - min 100mm depth
		Cultivation	100mm depth
SO**	Softscape		
SO1.1	Mulch to tree planting	Mulch	20mm Pine Bark mulch (or similar approved)
		Depth	75mm
		Sample	Bagged sample for approval
LX-**	Lighting & Fixtures		
LX1.1	Light Pole Type 01 - Futsal Court Floodlighting	Product	Next 6 - refer Lighting documentation package for details
		Supplier	Versalux Lighting Systems
		Pole	Refer Lighting documentation package for details
		Height	15m
		Finish	Colour: Charcoal
		Other	Allow for 1 no. external GPO at 1.5m HT above FSL on each pole
		Further detail	Refer Lighting documentation package
LX2.1	Electrical control board / pillar	Product	Powdercoated aluminium electrical control board / pillar
		Further detail	Refer Lighting documentation package
		Cabinet colour	Powdercoat 'Monument' TBC
LX3.1	Outdoor Scoreboards	Product	OS-SCH Outdoor Scoreboard (or similar approved)
		Supplier	Blue Vane Scoreboards Pty Ltd (or similar approved)
		Digit Size	150mm
		Dimensions	1200 x 1000mm
		Power cable / plug	240V with 2.4m cable
		Stand / Trolley	Pneumatic Wheel Trolley