

TENDER 021/21 SUPPLY AND INSTALLATION OF CONCRETE PATHS, CROSSOVERS  
AND ASSOCIATED WORKS**SCHEDULE OF ITEMS**

<b>Item</b>	<b>Description</b>	<b>Unit</b>
<b>SCHEDULE A: Rates for Services</b>		
<b>1</b>	<b>Demolition</b>	
1.1	Removal and disposal of existing slab footpath	m <sup>2</sup>
1.2	Removal and disposal of existing concrete path / crossover	m <sup>2</sup>
1.3	Removal and disposal of existing asphalt path / crossover	m <sup>2</sup>
1.4	Removal and disposal of grass / topsoil	m <sup>2</sup>
1.5	Removal and disposal of clean sand / soil	m <sup>2</sup>
1.6	Removal and replacement of bollards	each
<b>2</b>	<b>Grey Concrete</b>	
2.1	Footpath (1.2 to 1.8m wide)	m <sup>2</sup>
2.2	Dual use path (1.8 to 2.1m wide)	m <sup>2</sup>
2.3	Dual use path (2.1 to 3.0m wide)	m <sup>2</sup>
2.4	Dual use path (in excess of 3.0m wide)	m <sup>2</sup>
2.5	Pram Ramp 2500mm wide	m <sup>2</sup>
2.6	Drinking Fountain Concrete Pad 150mm thick	m <sup>2</sup>
<b>3</b>	<b>Crossovers</b>	
3.1	Concrete Residential Crossover 100mm thick	m <sup>2</sup>
3.2	Concrete Industrial Crossover 150mm thick with F63 mesh	m <sup>2</sup>
3.3	Concrete heavy-duty Crossing Point 150mm with F63 mesh	m <sup>2</sup>
3.4	Crossover Apron 600mm width 100mm thick	m <sup>2</sup>
<b>4</b>	<b>Stencilled and Coloured Concrete</b>	
4.1	Premix	m <sup>2</sup>
4.2	Spreading of oxide by hand	m <sup>2</sup>
4.3	Concrete stencilling 100mm thick	m <sup>2</sup>
4.4	Concrete stencilling 150mm thick without F63 mesh	m <sup>2</sup>
4.5	Concrete stencilling 150mm thick with F63 mesh	m <sup>2</sup>
4.6	Porcelain colour with off white cement	each
4.7	Porcelain colour with off white cement <1.2mw	m <sup>2</sup>
4.8	Off White cement 1.2mw	m <sup>2</sup>
4.9	Off White cement <1.2mw	m <sup>2</sup>
4.10	Macadamia colour with off white cement 1.2mw	m <sup>2</sup>

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4.11	Macadamia colour with off white cement <1.2mw	m <sup>2</sup>
4.12	Biscuit colour with normal grey cement 1.2mw	m <sup>2</sup>
4.13	Biscuit colour with normal grey cement <1.2mw	m <sup>2</sup>
4.14	Lizard skin colour with normal cement 1.2mw	m <sup>2</sup>
4.15	Lizard skin colour with normal cement <1.2mw	m <sup>2</sup>
4.16	Cigar colour with normal cement 1.2mw	m <sup>2</sup>
4.17	Cigar colour with normal cement <1.2mw	m <sup>2</sup>
<b>5</b>	<b>Miscellaneous</b>	
5.1	Install path 0 to 10m <sup>2</sup>	m <sup>2</sup>
5.2	Install path 10m <sup>2</sup> to 35m <sup>2</sup>	m <sup>2</sup>
5.3	Repair (remove, replace and backfill) existing path 0 to 10m <sup>2</sup>	m <sup>2</sup>
5.4	Repair (remove, replace and backfill) existing path 10m <sup>2</sup> to 35m <sup>2</sup>	m <sup>2</sup>
5.5	Supply and Install painted public access way barrier rails 1500mm x 1500mm x 50mm NB	each
5.6	Supply and Install Painted Steel Type Bollards 125mm NB	each
5.7	Supply and Install dual use path - hand rails 600mm/900mm/1200mm x 1500mm x 50mm NB	each
5.8	Cutting of concrete and/or asphalt	m
5.9	Hand-form kerbing	m
5.10	PTA Bus Stop concrete pad 100mm thick	m <sup>2</sup>
5.11	PTA Barrier Kerb 170mm high x 150mm wide	m
5.12	Supply and Install Directional TGSI	each
5.13	Supply and Install Warning TGSI	each
5.14	Supply and spread clean sand	m <sup>3</sup>
5.15	Collect from City's Depot and spread 100mm thick mulch	m <sup>2</sup>
5.16	Reinstate brick paving	m <sup>2</sup>
5.17	Rapid hardener	m <sup>2</sup>
5.18	Ableflex expansion joint (in lieu of bitumen impregnated fibre expansion joint)	m
5.19	Extra excavation & labour around posts and rails	m <sup>2</sup>
5.20	Concrete Line Pump 0 to 100m <sup>3</sup>	Hr
5.21	Concrete Boom Pump 0 to 100m <sup>3</sup>	Hr
5.22	Concrete Line Pump 100m <sup>3</sup> plus	Hr

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<b>Item</b>	<b>Description</b>	<b>Unit</b>
5.23	Concrete Boom Pump 100m <sup>3</sup> plus	Hr
5.24	Wet Hire of Dingo for concrete delivery or excavation works in confined spaces	Hr
5.25	Wet Hire of Skidsteer for carting concrete to confine areas	Hr
5.26	Wet Hire of Six-Wheeler Truck 11t	Hr
5.27	Wet Hire of Truck and Dog 22t	Hr
5.28	Minimum charge – concrete line pump	
5.29	Minimum charge – concrete boom pump	
5.30	Minimum charge – dingo hire	
5.31	Minimum charge – skidsteer hire	
5.32	Minimum charge – six-wheeler truck hire	
5.33	Minimum charge – truck and dog hire	
<b>SCHEDULE B – Percentage Mark-up for Works Outside Standard Hours</b>		
1	Public Holidays and Weekends (Saturday and Sunday) - 7:00am to 5:00pm	
2	Night Works - 5:00pm to 7:00am	

## SUMMARY OF SUBMISSIONS

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Total Comparative Price	Rank
		Demonstrated understanding of the required tasks	Capacity	Demonstrated experience in providing similar services	Social and economic effects on the local community			
<p>Axiis Contracting Pty Ltd</p> <p>All requirements have been met.</p>	Yes	<p>It demonstrated a thorough understanding and appreciation of the City's requirements. It submitted a comprehensive response. Its Submission included the proposed works methodology which the company applies to liaise with all parties involved in the installation of insitu concrete and related services. It addressed a range of issues identified in carrying out the tasks required to complete the works, from scheduling timeline for delivery of service, notification to affected residents, effective management for transport of equipment, materials and debris to traffic management, duty of care and after sales service.</p>	<p>It commenced operation in 2013. It currently has 35 employees. An organisation chart and details of key personnel including their qualifications, skills and industry experience were provided. Its submission included an extensive list of specialised plant and equipment that will be used to carry out the works. After hours contacts for emergency requirements were supplied. It indicated the company has the ability to provide additional personnel and resources as it has contingency measures in place.</p>	<p>It has extensive experience completing similar services for various local governments in WA. Numerous examples of works were provided and these included the Cities of Armadale (panel contract for concrete footpaths and associated services, contract duration 2019 to 2022), Gosnells (construction of concrete works, 2019 to 2022), South Perth (various minor concrete works and kerbing, 2020 to 2025), Stirling (extruded concrete kerbing, 2020 to 2023) and Bayswater (granolithic laying of crossovers and footpaths, 2021 to 2024). It is the City's incumbent contractor since 2016 over two successive contracts.</p>	<p>It is located in Maddington.</p> <p>It indicated three of its staff members are residents of the City of Joondalup and if successful, the company will employ an additional two concreters that reside in the City. It utilises a number of local suppliers (eight in total) that are located within the City for goods and services.</p>	73.1%	\$4,188,603 (3 years)	1

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Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Total Comparative Price	Rank
		Demonstrated understanding of the required tasks	Capacity	Demonstrated experience in providing similar services	Social and economic effects on the local community			
Dowsing Group Pty Ltd All requirements have been met.	Yes	It demonstrated a thorough understanding of the required tasks. It proposed all contracted works will have a designated project manager responsible for the contract and as a single point of contact for the City and residents impacted by the works. A sample construction methodology to design and schedule the works for a 500m <sup>2</sup> footpath installation was submitted. It included an example project management timeframe schedule which listed the various tasks required to be undertaken for project completion in five stages, from pre-planning (stage 1), project planning (stage 2) and site preparation (stage 3) to concrete construction (stage 4) and project close out (stage 5).	It was established in 1985. It has a workforce of 150 employees, of which 89 are employed in WA. An organisation chart and details of key personnel including their roles, skills, length of service and years of industry experience were provided. A list of specific plant and equipment that will be used to complete the works and after hours contacts for emergency requirements were supplied. It indicated the company has the ability to provide additional personnel as all its allocated project personnel are interchangeable between designated teams due to cross skilling, offering resource contingency for all committed works.	It demonstrated extensive experience completing concrete footpaths and associated works for WA local governments. Examples included the Town of Claremont (capital and maintenance works, footpath construction, 2021 to 2024), the Cities of Melville (concrete footpath and various associated works, contract duration 2019 to 2024), Belmont (concrete footpath works, 2019 to 2022), Wanneroo (concrete footpath, dual use path and crossover works, 2016 to 2023) and Cockburn (concrete footpath and single use path works, 2020 to 2023).	It has offices in Sydney and Auckland and its head office is located in Maddington.  It stated the company always endeavours to engage local suppliers for materials required to undertake contracted works if possible.	70.5%	\$4,309,643 (3 years)	2

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		Demonstrated understanding of the required tasks	Capacity	Demonstrated experience in providing similar services	Social and economic effects on the local community			
Techsand Pty Ltd All requirements have been met.	Yes	It demonstrated a sound understanding of the required tasks. Though it submitted a brief response, its Submission included the company's proposed approach to service delivery. It focussed mainly on the quality control process (Plan-Do-Check-Act) that the company undertakes for the works completed and those to commence. An example process for works delivery within four days was supplied, outlining the various tasks required to be undertaken each day, from commencement to completion of works. It proposed to have site meetings with the City's engineers on a regular basis to review the program of works in full, to discuss underground services issues, plan dates for excavations of footpaths, crossovers, and the like.	It was formed in 2004. It currently has 12 full time staff. An organisation chart and details of key personnel including their roles, length of service, qualifications and industry experience were provided. A list of plant and equipment that will be used to deliver the works and after hours contacts for emergency requirements were supplied. It stated the company has sufficient staff and vehicles to successfully provide the services in addition to any existing or future contracts.	It demonstrated extensive experience completing construction and maintenance of footpaths, concrete crossovers and associated works for WA local governments including the Town of Cambridge (contract duration 2012 to current), the Cities of Stirling (2012 to current) and Nedlands (2012 to 2017 and 2019 to 2020). It has in the past successfully completed similar works for the City (2012 to 2016).	Its workshop and office are located in Malaga.  It indicated the company will try to source materials locally whilst working within the area and will encourage its staff to utilise local businesses for purchase of food and drink daily, materials, fuel, and the like.	65.9%	\$4,406,667 (3 years)	3