

TENDER 019/14 SUPPLY AND LAYING OF ASPHALT – MAJOR WORKS

SCHEDULE OF ITEMS

Item	Mix Type	Marshall Blow
SUPPLY OF ASPHALT ON CITY OR CONTRACTOR'S TRUCKS WORKING FOR THE CITY EX PLANT (0 TO 25 TONNES)		
1	AC14	50
2	AC10	35
3	AC10	50
4	AC10	75
5	AC7	35
6	AC7	50
7	AC5	50
8	SMA10	50
9	SMA7	50
10	Laterite AC7 1% Red Oxide	35
11	Laterite AC7 1% Red Oxide	50
12	Laterite AC7 2% Red Oxide	50
SUPPLY, DELIVERY AND LAYING OF ASPHALT		
1	AC20	50
2	AC20	75
3	AC14	50
4	AC14	75
5	RAC14	50
6	AC10	50
7	AC10	75
8	RAC10	50
9	AC7	35
10	AC7	50
11	AC5	35 (Handwork)
12	AC5	50 (Handwork)
13	SMA14	50
14	SMA10	50
15	SMA7	50
16	SMA5	50
17	Laterite AC7 1% Red Oxide	35
18	Laterite AC7 1% Red Oxide	50
19	Laterite SMA8 1% Red Oxide	50
20	Laterite AC10 1% Red Oxide	50
21	Laterite AC10 1 % Red Oxide	75

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MISCELLANEOUS ITEMS		
Item	Description	UOM
1	Opening Fee – Where the Superintendent has specifically programmed the works on a weekend or public holiday.	Unit
Where flag control is to be used per clause 7.5 of the IPWEA and AAPA specification (Rev 3 of 2012):		
2	Flag control	per Hour
3	Flag control	per Day
TACK COAT – Where tack coat is to be applied as per clause 6.5 of the IPWEA and AAPA specification (Rev 3 of 2012).		
4	Application of tack coat at 0.1 litres per square metre (residual bitumen)	m ²
5	Application of tack coat at 0.4 litres per square metre (residual bitumen)	m ²
SPECIAL MIXES – Where special mixes are requested by the Superintendent for the supply, delivery and installation of dense graded or stone mastic asphalt (refer above for supply, delivery and laying of asphalt).		
6	Multigrade Binder – Dense graded asphalt	per Tonne
7	Multigrade Binder – SMA	per Tonne
8	EVA Modified Binder	per Tonne per % added to bitumen
9	SBS Modified Binder	per Tonne per % added to bitumen
10	Sasol Wax Modifier	per Tonne per % added to bitumen
11	Diorite Aggregate	per Tonne additional
RAP – Where RAP is used in lieu of fresh aggregate		
12	0-10% RAP	per Tonne asphalt
13	10% - 20% RAP	per Tonne asphalt
14	20% - 30% RAP	per Tonne asphalt
15	30% - 40% RAP	per Tonne asphalt
16	> 40% RAP	per Tonne asphalt

SUMMARY OF TENDER SUBMISSIONS

Tenderer & Description of Response	Is it Compliant? Yes or No	Comment Against Criteria				Evaluation Score	Estimated Contract Price	Rank
		Capacity	Demonstrated Experience in Providing Similar Services	Demonstrated Understanding of the Required Tasks	Social and economic effects on the local community			
Asphaltech Pty Ltd All requirements have been met.	Yes	It commenced operation in 1994. It employs 28 full-time employees. Its Submission included the company's organisational chart. Details of key personnel including their industry experience and years of service with the company were provided. It will not be utilising Sub-Contractors to carry out any of the works. It has developed a number of innovative asphalt products including recently modified duramix, duramix SMA and gravelmix SMA. The percentage of its operational capacity represented by the City's contract is 15%. It has the ability to provide additional personnel if required. A comprehensive list of equipment including after-hour contacts was supplied. It has an accredited quality management system and a safety policy in place.	It demonstrated a thorough understanding and appreciation of the City's requirements. The company has been carrying out asphalt works for WA local governments since its inception. It submitted a comprehensive response. Its proposed methodology included an outline of tasks to be undertaken, from programming agreed dates for the asphalt works to co-ordinating activities in place for sweeping, traffic control, machinery and equipment, type of asphalt mix and trucking of the asphalt.	It has extensive experience in providing similar services. The company has been in the asphalt industry for 20 years specialising in the supply, delivery and placement of asphalt for local governments. Numerous examples of works were provided and these included the Cities of Wanneroo, Swan, Bayswater, Melville and Stirling. It is also the City's current supplier for asphalt – major works.	The company is located in Malaga. It supports local businesses. It sourced goods and services from local suppliers. One of its current suppliers, CVP Electrical Co, is located in Hillarys.	84.3%	\$8,095,913	1

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Roads 2000 Pty Ltd All requirements have been met.	Yes	It was established in 1998. It currently has approx. 35 full-time staff and 18 regular Sub-Contractors. An organisational chart and details of support team including skills and experience of key personnel were provided. It is already able to manufacture both warm asphalt and RAP from its current plant. It has been discussing the option of adding crushed glass into mix design for one other local government utilising the glass waste, from the materials recycling facility, as a replacement for the sand fraction of asphalt mixes. The percentage of its current operational capacity represented by the City's contract is 13%. Details of specialised equipment that will be used to carry out the works and mobile contacts for all key personnel were supplied. It operates with an accredited management system and has a safety policy in place.	It demonstrated a thorough understanding of the required tasks. Its Submission included the company's proposed methodologies for construction and invoicing which outlined the process for delivering on asphalt projects and of invoices.	It has demonstrated experience in providing similar services. Numerous examples of works were provided and these included the supply and laying of asphalt for various local governments including the Cities of Wanneroo, Melville and Fremantle.	The company is located in Osborne Park and has a production plant in Wangara.	75.6%	\$8,366,941	2

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Downer EDI Works Pty Ltd	Yes	It was established in 1863 and currently employs more than 20,000 people in Australia, New Zealand and the Asia Pacific Region. The company's Road Infrastructure West division in WA has 102 staff. Its organisational structure for its WA division was supplied. Details of key personnel including their qualifications and experience were provided. has developed a number of innovative products including recycled asphalt pavement and tonerpave which has a lower carbon footprint. Its asphalt plant is also capable of introducing RAP into many asphalt mixes. The percentage of its operational capacity represented by the City's contract is 12.5%. Details of equipment including after-hour contacts were supplied. It has an accredited quality management system and a safety policy in place.	It has demonstrated experience in providing similar services to WA local governments. Numerous examples of works were provided and these included supply and laying of asphalt for the Cities of Mandurah, Perth and Melville.	It has demonstrated experience in providing similar services to WA local governments. Numerous examples of works were provided and these included supply and laying of asphalt for the Cities of Mandurah, Perth and Melville.	Its WA office is located in Maddington. It has three staff residing within the City. The company offers training and supports local businesses.	73.7%	\$8,805,492	3
All requirements have been met.								

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		Capacity	Demonstrated Experience in Providing Similar Services	Demonstrated Understanding of the Required Tasks	Social and economic effects on the local community			
Fulton Hogan Industries Pty Ltd	No	Not assessed – non compliant						
All requirements have not been met.		It indicated the company was unable to supply a number of items. One of these items is an essential product and constitutes 20% of the City's asphalt requirements.						
Downer EDI Works Pty Ltd	No	Not assessed – non compliant						
All requirements have not been met.		It submitted an incomplete tender. It did not address any of the selection criteria.						