#### **SCHEDULE OF ITEMS**

Item	Description	Unit
SCHED	JLE A: AS REQUIRED TRAFFIC MANAGEMENT SERVICES	
A1	Crew of one (1) traffic controller, one (1) vehicle and all standard signs (Normal Working Hours)	Hour
A2	Crew of one (1) traffic controller, one (1) vehicle and all standard signs (Nights, Weekends and Public Holidays)	Hour
А3	Crew of two (2) traffic controllers, one (1) vehicle and all standard signs (Normal Working Hours)	Hour
A4	Crew of two (2) traffic controllers, one (1) vehicle and all standard signs (Nights, Weekends and Public Holidays)	Hour
A5	Additional traffic controller only (Normal Working Hours)	Hour
A6	Additional traffic controller only (Nights, Weekends and Public Holidays)	Hour
A7	Aftercare of unscheduled sundry traffic management devices - Small Sites (Up to 4 multi-message signs and 20 traffic cones/items)	Flat Rate Per Day
A8	Aftercare of unscheduled sundry traffic management devices – Large Sites (Over 4 multi-message signs and 20 traffic cones/items)	Per Item per Day
A9	Aftercare – Site inspection	Per Visit
A10	Emergency Call-out	Each
A11	Pedestrian Trafficable Matting (including transport)	Each per Day
A12	Pedestrian hoarding / interconnecting fencing (including transport)	Each per Day
A13	Trailer mounted flashing arrow (including transport)	Each per Day
A14	Vehicle mounted flashing arrow (including transport)	Each per Day
A15	Variable message board (2400x1200 LED)	Each per Day
A16	Trailer Mounted Traffic Signals	Each per Day
A17	Transport of Variable Message Board & Signals (Each way)	Per Trip
A18	Water filled barriers	Each per Day
A19	Transport of water filled barriers	Per Trip
A20	Truck mounted attenuator (Normal working hours)	Hour
A21	Truck mounted attenuator (Nights, Weekends and Public Holidays)	Hour
A22	Supply of lighting tower (including transport) per day/night	Each per Day
A23	Supply of Solar LED lighting tower (including transport) per day/night	Each per Day
A24	Supply of fuel generated LED lighting tower (including removal and fuel) per day/night	Each per Day
A25	Prepare Traffic Management Plans as per clause 2.4 of the Scope of Requirements	Per Plan
A26	Preparation / Revision of Generic TMP that can be used for routine / repetitive type works such as minor pavement maintenance	Per Plan

Item	Description	Unit
A27	Preparation of Advanced Traffic Management Plans requiring sign off by a Road Traffic Manager	Per Plan
A28	Peer review or desktop audit of City or Third Party Traffic Management Plans	Per Plan
A29	Travel allowance	Minutes
SCHED	ULE B: MINIMUM SERVICE PERIODS / SERVICE STANDARDS	
B1	Minimum Hours for Traffic Management Crews – Schedule items A1 through A6	Hour
B2	Emergency Callout response time	Hour
В3	Minimum time required for drawing up traffic management plans and documents including complex traffic management plans	Hour
B4	Minimum time required to conduct a review or audit of basic traffic management plans on behalf of the Principal	Hour
B5	Minimum time required to conduct a review or audit of complex traffic management plans on behalf of the Principal	Hour
OPTION	IAL SCHEDULE C: TRAFFIC CONTROL SIGNAL WORKS	
Loop In	stallation (excluding TM)	
C1	Loop reinstatement – day shift (per loop)	Each
C2	Loop reinstatement – after hours (per loop)	Each
Loop In	stallation (including TM without attenuator)	
C3	Loop reinstatement – day shift (per loop)	Each
C4	Loop reinstatement – after hours (per loop)	Each
Install a	nd Remove Above Ground Detectors (AGD's)	
C5	Initial AGD	Item
C6	Additional AGD's	Item
C7	Hire of AGD's per week	Each
Installa	ion of Lantern Covers (including disabling loop)	
C8	Initial lantern cover per visit	Each
C9	Additional lantern covers in same visit	Item
C10	Lantern cover hire per cover - weekly	Item

#### **SUMMARY OF SUBMISSIONS**

			Comment Again	st Criteria			Fatiment and	
Tenderer & Description of Response	Is it Compliant? Yes or No	Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community	Evaluation Score	Estimated Total Comparative Price	Rank
Advanced Traffic Management (WA) Pty Ltd All requirements have been met.	Yes	It was established in 1997 and restructured in 2004. It currently employs over 400 traffic controllers (approximately 34 full-time and 350 permanent part-time). An organisation structure and details of key personnel (qualifications, length of service and industry experience) and skills of operators were provided. It owns 305 licensed vehicles with GPS tracking and has four full-time mechanics servicing all its plant and equipment. Details of additional resources and afterhours contacts for emergency requirements were supplied. It indicated the company has dedicated personnel to the Joondalup area on standby 24/7 for emergency works.	It has extensive experience providing similar services to various local governments in WA. Numerous examples of works were provided and these included similar services for the Cities of Wanneroo (period 2018 to 2021), Rockingham (2019 to 2022) and Nedlands (2018 to 2021).	It demonstrated a thorough understanding and appreciation of the City's requirements. The company submitted a comprehensive response and proposed methodology covered the delivery of services, from design and preparation of traffic management plans to delivery of traffic management services, including event management services. Though it did not focus on turn-around times for standard work or emergency works or liaison with other contractors, its proposed approach covered issue management, discretion / demonstrating sound judgement, monitoring and violations, safety requirements and client satisfaction.	It is located in Bellevue and has a depot in Wangara.  It indicated the company utilises local service suppliers and its locally employed traffic controllers are residents to the Joondalup / Wanneroo areas.	85.5%	\$1,552,003	1

			Comment Again	st Criteria			Estimated	
Tenderer & Description of Response	Is it Compliant? Yes or No	Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community	Evaluation Score	Total Comparative Price	Rank
Contra-Flow Pty Ltd  All requirements have been met.	Yes	It commenced trading in 2004. It currently has approximately 198 staff. Its structure of business and details of key personnel including their qualifications, employment history and training relevant to the project were provided. It described briefly specialised equipment that will be used. A vehicle list was supplied. It indicated the company has the ability to respond to emergency requirements as it has crews available 24/7 and access to a pool of 60 casual traffic controllers, if additional resources are required. Afterhours contacts for emergency requirements were provided.	It demonstrated extensive experience providing similar services to WA local governments including the Cities of Bayswater (contract duration 2015 to 2021), Swan (2015 to 2022), Town of Claremont (since 2015), Stirling (2016 to 2024), Melville (2017 to 2023) and Canning (2018 to 2022).	It demonstrated a sound understanding of the required tasks. Its Submission included the proposed methodology and approach in delivering a traffic management service, from understanding the proposed works to planning and approvals (developing traffic management plan in a timely manner). It indicated for emergency requirements it can be on-site within two hours though its proposed 25 day timeline for scheduled works was deemed quite lengthy. The panel also noted client interaction from site meetings to procurement was not sufficiently addressed.	It is located in Wangara.  It currently utilises several local suppliers located in Joondalup for goods and services. Many of its staff members reside within the City.	76.3%	\$1,690,113	2

			Comment Again	st Criteria			Cation at a d	
Tenderer & Description of Response	Is it Compliant? Yes or No	Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community	Evaluation Score	Estimated Total Comparative Price	Rank
The Trustee for TMSW Unit Trust All requirements have been met.	Yes	It was established in 2006. It currently has 239 staff (including 22 managers / office based roles, 125 traffic controllers at its Perth depot, 53 traffic controllers at its Bunbury depot and 39 traffic controllers at its Albany depot). An organisational chart and details of key personnel including their qualifications and industry experience were provided. Its Submission included a list of vehicles, standard equipment and some additional specialised equipment that it owned and an equipment maintenance schedule. It indicated all its depots operates 24/7 and relocation of staff can occur afterhours.	It demonstrated extensive experience providing similar services to private and public sectors including local governments in WA. Numerous examples of works were provided and these included panel contracts for DM Roads (duration 5 years from 2016 to current), the Cities of Gosnells (3 years from 2018 to current) and Armadale (2 years with 3 x 12-month extension options). Other examples included Fulton Hogan Industries and the Shire of Mundaring (12 months with 3 x 12-month extension options), both contracts from 2019 to current.	It demonstrated a sound understanding of the required tasks. It provided a detailed methodology, though it had little information on the procurement process, it proposed timeframes as a guideline for deliverable services to be carried out, from customer request and design traffic management plan to Local Authority approval and schedule implementation of traffic management plans.	Its Perth office is located in Maddington and its regional offices are based in Bunbury and Albany.  It proposed, if successful, to offer any traffic management services at the provided contracted hourly rates to local charity events, local community programs and sporting clubs within the City.	73%	\$1,649,084	3

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QTM Pty Ltd (Quality Traffic Management) All requirements have been met.	Yes	It commenced operation in 1997. It currently has 97 staff over four sites (including 38 permanent employees - 18 full-time and 20 part-time). The total number of traffic controllers was not stated. An organisation structure and details of key personnel (mainly management level) including their qualifications and experience were provided. Though limited information was submitted on specialised equipment that will be used to carry out the services, a list of vehicles was supplied under the insurance schedule. It stated the company maintains a 24 hour emergency response phone line (number provided) and additional staff are able to be rostered from its other depots.	It demonstrated extensive experience providing similar services to local governments in WA. Examples included the Town of Bassendean (3 year term from December 2017), the Shire of Augusta – Margaret River (5 years from 2016), the Cities of Cockburn (3 years to date) and Kwinana (3 years from 2016). It is the City's incumbent supplier.	It demonstrated a thorough understanding of the required tasks. It submitted sample methodologies for common worksites expected to be applicable for the City. Its Submission included a list of special considerations for general maintenance works from a traffic management perspective and factors that are considered for capital works that require a site-specific traffic management plan developed for and used by the City.	Its head office is located in Forrestdale and its depots are based in Wangara, Forrestdale and Margaret River.  It indicated the company's depot in Wangara sources as much equipment and materials from local trade, where possible.	72.4%	\$1,659,057	4

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Vigilant Traffic Management Group Pty Ltd All requirements have been met.	Yes	It did not state when it was established or commenced operation. Also, it did not specifically state the total number of employees, though its Submission included the company's structure of business indicating 33 full-time staff (including 20 traffic controllers). Details of key personnel including their qualifications and experience were provided. It listed a small range of vehicles and basic equipment (cones, signs, and the like) that will be used to carry out the services. Afterhours contacts were provided. It indicated the company remains on call 24/7 and has access to crew leaders with fully equipped vehicles for additional personnel and resources if required during call outs and emergencies.	It demonstrated experience providing traffic management services to various organisations including local governments in WA. It indicated the company currently works with the City of Vincent (for the last 6 years) and has previous contracts with the Cities of Stirling (period 4 years), Wanneroo (3 years) and Bayswater (3 years). Also, it holds contracts with civil companies including Roads 2000, Kerb Direct and Civcon. In addition, it consistently work for other large construction companies such as Lanskey Constructions, Remote Civils Australia, Densford Civil and event management companies such as Palace J Productions, Mellen Events and Origin Fields Pty Ltd. However, period and dates of contracts or when these works were carried out were not supplied.	It demonstrated its understanding of the required tasks. Its Submission included flowcharts for delivering services and highlighted policies, processes and setups that the company has in place. However, the panel noted the details provided mainly described what will be available rather than the proposed methodology to provide the services to the City.	It is located in Wangara.  It stated the company currently utilises a number of local suppliers (AWT Accountants, Ian Diffen Tyres, Officeworks and Totally Workwear) in Joondalup for goods and services and 95% of its employees live locally within the Cities of Joondalup and Wanneroo.	55.8%	\$1,822,042	5

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Carrington's (WA) Pty Ltd trading as Carrington's Traffic Services All requirements have been met.	Yes	It commenced operation in 1993. It currently has approximately 113 employees (including approximately 100 traffic controllers) The company's structure and details of key personnel including their years of industry experience were provided. Its Submission included a list of specialised equipment that will be used to carry out the services. Other additional plant and equipment required for the duration of the Contract will be sourced from hire companies. Though afterhours contacts for emergency requirements were not addressed, it indicated the company has the ability to supply at least an additional three to five 3-man crews on a daily basis as required at any location within the Perth metro region.	It demonstrated experience providing traffic management services to private and public sector including WA local governments. Examples of works were provided and these included the Cities of Subiaco (for the last 10 years through WALGA contract), South Perth (traffic control services and planning from 2010 to 2019) and Melville (2012 to 2019 – WALGA contract for events and garden maintenance). It stated the company provided all traffic management duties prior to 2016 and currently undertakes garden maintenance duties on complex roads. The panel noted the company only carried out 22 jobs for the City of Subiaco since 2017 and its experience with local governments providing for extensive programs is limited.	It submitted a brief response demonstrating its understanding of the required tasks. It stated the company is a preferred supplier for WALGA and currently working for various local governments. Also, it has been involved with various clients in traffic control and planning, including a range of Main Roads WA related works. The panel noted the methodology statement provided was generic with little focus on how the company would carry out the required tasks.	It is located in Midvale and has a regional branch in Northam.  It stated the company uses solar panels on variable message sign boards, arrow boards and lighting towers and its head office is nearly fully run under solar panels.	55.3%	\$1,652,921	6

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WARP Pty Ltd	Yes	It has been providing	It has in the past carried	It submitted a general	Its WA office is	51.4%	\$1,670,963	7
All requirements		traffic management	out traffic management	response demonstrating	located in Ascot.			
have been met.		services since 1997. It currently employs more than 400 traffic controllers nationally. The number of fulltime employees in its WA office was not stated and its structure of business or details of key personnel including their qualifications and industry experience were not provided. It listed some specialised equipment that will be used and the company's fleet of vehicles. It indicated the company is able to hire additional equipment and has emergency response crews available 24/7. However, the panel noted its ability to provide additional personnel was not fully addressed.	services for various organisations including state and local governments in WA. Examples included mainly individual projects undertaken for the Cities of Belmont (completed 2018), Rockingham (April 2020 ongoing), Perth (January 2020) and Gosnells (2015 to 2018 ongoing). Other examples were for DM Roads (March 2020), Downer Mouchel (Main Roads WA various locations - panel contract - 2016 to 2018) and Daly Construction (project ongoing).	its understanding of the required tasks. The proposed methodology was very basic with generic information provided on how it would carry out the required tasks. However, it is noted the company has in the past completed various projects that involved supply of traffic control and traffic planning services for local governments in WA.	It did not submit a response.			

			Comment Again	st Criteria			Est'manta d	
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Welstand Services Pty Ltd (LGC Traffic Management) All requirements have been met.	Yes	It commenced operation in 2014. It currently has 105 staff (including 74 traffic controllers at its Perth depot and 4 traffic controllers at its Albany depot). An organisation chart and details of key personnel including their qualifications and experience were provided. It is noted no in-house engineers or Roadworks Traffic Manager (RTM) accredited personnel was stated. A list of vehicles and equipment was supplied though some equipment required to carry out the services was not listed, such as lighting towers. It indicated the company maintains a 24/7 traffic response however, it did not address the ability to provide additional personnel or resources.	It provided insufficient information demonstrating experience providing similar services. Examples included the supply of traffic management for the Town of Victoria Park (4 years), Ertech (2015 to current) and Axiis Contracting Pty Ltd (5 years). The panel noted most of these were project works on a smaller scale to the City's requirements. Also, limited details on the scope of works undertaken and while periods were provided, dates of contracts with the exception of Ertech's were not supplied.	It demonstrated its understanding of the required tasks. Its Submission included the proposed methodology and approach. It provided an outline of the company's adopted principals of project management for the execution of all its projects, from phase one to phase four or from project commencement and planning to execution and close out. However, it provided no indication of timeframes or lead-times for any work, whether it be standard or emergency requirements.	It is located in Bellevue.  It stated that should the company be awarded the Contract it would be its intention to source a yard for the purpose of storing vehicles and signage. It currently has a number of staff members residing within the City.	49.3%	\$1,498,096 (did not submit rates for additional traffic controllers)	8

			Comment Again	st Criteria			Fatimatad	
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PAR Traffic Solutions Pty Ltd All requirements have been met.	Yes	It was established in 2017. Though the number of full-time employees was not stated, its structure of business and details of two key personnel including their qualifications and experience, though limited, were provided. A list of utility vehicles was supplied and other required equipment to undertake City's works was limited. It indicated staff are rostered on call 24/7 and the company has the ability to provide additional personnel, of those that are not allocated to work on a particular day are able to be call in to attend site, should additional requirements be needed.	It submitted a brief response demonstrating experience providing traffic management services to various local governments including the Shires of Jarrahdale/Serpentine and York, Town of Victoria Park and the Cities of Joondalup, Armadale, Wanneroo, Melville and Swan (projects undertaken from 2018 to current). It provided limited or insufficient information on scope of works, outcomes or similarity to the City's requirement. These and other examples provided were mainly individual project works with no term contracts.	It provided a basic methodology statement demonstrating its understanding of the required tasks. Though it stated the company maintains sufficient staff, vehicles and equipment to attend to all request on the day and time that is required, it did not outline the process of engagement or tasks to be carried out.	It is located in Malaga.  It stated the company already employs staff that reside within the City and should it be successful, further employment of staff will be targeted at those located locally.	44.8%	\$1,576,646	9

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Altus Traffic Pty Ltd  All requirements have been met.	Yes	It is a national company with more than 1,800 staff. Its operation in Perth has been established for over 10 years. It has 8 full-time operations staff based out of its Kewdale depot, seven permanent part-time traffic controllers and over 100 casual traffic controllers across various regions in WA. Its WA organisational chart and details of key personnel including their roles, years of industry experience were provided. It indicated it has an extensive fleet of vehicles and equipment (more than 1000 vehicles nationally) and it maintains more than 85 vehicles and trailer mounted assets (variable message sign and arrow-boards) in WA. It has a national 24/7 operations centre. It stated operationally there are sufficient resources or personnel to accommodate emergency and short notice requirements.	It demonstrated experience providing traffic management services and control services to various organisations. Its Submission included two case studies and these involved afterhours incident response services carried out for Lendlease and Main Roads WA (2017 to current) and traffic control services for DM Roads panel contract with Main Roads WA (2013 to 2018). It listed some of Australia's highest profile projects that the company was involved with for major clients including critical motorway widening and road construction projects, such as Mitchell Freeway Widening and Kwinana Freeway Widening. However, it did not include sufficient information on scope of works, outcomes and similarity to the City's requirement or examples of works carried out for local governments.	It did not fully demonstrate its understanding of the required tasks. Its proposed methodology and approach was general with limited information on how the services will be carried out for the City. Though it indicated the requirement of one day notice for scheduled works and two hour turnaround time for emergency works.	Its head office is located in Port Melbourne, VIC and its Perth office / depot is located in Kewdale.  It stated the company provides extensive support to various community organisations related to road safety.	44.6%	\$2,139,284	10

	Is it Compliant? Yes or No	Comment Against Criteria					E attacata I	
Tenderer & Description of Response		Capacity	Demonstrated experience in providing similar services	Demonstrated understanding of the required tasks	Social and economic effects on the local community	Evaluation Score	Estimated Total Comparative Price	Rank
The Trustee for Site Traffic Management Services Trust (Site Traffic Management Services).  All requirements have been met.	Yes	It has been operating since 2013. It stated it has an active employee list of over 200 qualified personnel in traffic control and management. Its structure of business and details of key personnel including their role and industry experience were provided. It did not submit sufficient information on specialised equipment that will be used. It operates a 24/7 facility and stated it has a contingency of 15% of its capacity on standby to cover staff availability.	It demonstrated experience providing traffic management services to various organisations in WA. Examples included traffic management of large retail activations for DFO Perth (2018 to current), multiple construction related activities that surround a live shopping centre for Karrinyup Multiplex (2018 to current) and Scentre Group (2016 to current). Other examples included case studies for traffic management requirements for Miling Bypass Project and coordinating the WA Day event with Optus Stadium simultaneously holding an AFL event. However, the panel noted these were mainly project works for private organisations with no term contracts or services involved local governments.	It demonstrated some understanding of the required tasks. It proposed a customised approach to planning and design for the City's traffic management requirements, including bringing all stakeholders together, however, the panel noted its methodology to carry out works on site was limited with no statement on processes or timeframes to provide the services.	It is located in Belmont.  It indicated, if successful, it would obtain locally all new plant and equipment required to deliver the services.  Many of its staff members reside in and around the border of the City of Joondalup.	42.3%	\$1,780,129	11

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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	Evaluation Score	Estimated Total Comparative Price	Rank
Overwatch Traffic Services Pty Ltd All requirements have been met.	Yes	It was formed in 2017. It currently operates with a team of 80 employees (all its traffic controllers are employed part-time, with a full time operations manager, administrative / safety officer, a traffic management designer and scheduler). An organisation structure and details of key personnel including their years of experience in the industry and qualifications were provided. It submitted a brief statement on specialised equipment that will be used and that it has fully maintained arrow boards, variable message sign boards and a fleet of over 20 vehicles. It did not specifically address the ability to provide additional personnel and resources, though it stated it has a 24-hour emergency response team that is contactable through its field supervisor afterhours.	It did not demonstrate sufficient experience providing similar services to the City's requirements. Three examples of works were provided and these were for traffic control services and implemented traffic guidance schemes for Dowsing Concrete Civil Works (to allow kerbing and completing council crossovers for several councils) and Downer EDI (for ATCO Gas, such as the City of Fremantle gas upgrade) and full traffic management services for Road 2000 (that allowed carrying out of works such as installing and removing of kerbing, civil works, drainage and asphalting). However, these did not include term contracts for local governments. Also, period and dates or when these works were carried out for its clients were not stated.	It did not demonstrate sufficient understanding of the required tasks though its Submission included an outline of the company's booking process and timeframes for the design of traffic management plans and service delivery. It submitted a very brief response with limited information on the proposed methodology in carrying out the services for the City.	It is located in Malaga.  Some of its staff members are local residents living within the City.	31.1%	\$1,563,590	12