

Invitation to Tender for Aerial Firefighting Services 2015+

APPENDIX 1: Table of Services

(Services available for tender)

NOTE: It is possible that NAFC will NOT proceed with all Services listed, it is also possible that NAFC may proceed with multiple contracts for any Service listed. This will depend on Members requirements, suitability of services offered, prices tendered, and available funds. See Location and Service Notes on the separate worksheets via the tabs at the bottom of the page

Service ID	Contract type (Note 1)	Availability (Note 2)	Brief Service Description (Note 3)	Airframe (Note 4)	Aircraft Type (Note 4)	Nominated Operational Base (or general area of NOB) (Note 5)	Firebombing Delivery System (Note 6)	Passenger Carriage (Note 7)	Fuelling (Note 8)	Service Period (Note 9)	Approximate timing (Note 10)	Specimen Contract applicable Schedules (In addition to Schedules 1, 2, 3, 4, & 5) (Note 11)	Additional Information
RW15301	Primary	Absolute	AAS, Firefighter & Cargo transport, Regular Hover Exit, Firebombing, Burning. (note 13)	ROTARY WING	Type 3	Horsham helipad, Victoria (note A)	Bucket	Required	Wet-B	14 weeks	Dec-Mar	Schedules A & B	This Service requires a specific configuration to support regular 'hover exit' operations. See Section 2.1 of Part B in Invitation to Tender document.
RW15302	Primary	Absolute	AAS, NVG, FLIR, Firefighter & Cargo transport, Burning, Firebombing (optional) (note 13 & 16)	ROTARY WING	Type 3	Moorabbin Airport, Victoria	Bucket (optional)	Required	Wet-B	14 weeks	Dec-Mar	Schedules A, B & C	This Service requires a specific configuration to support regular 'aerial intelligence gathering' operations. See Section 2.3 of Part B in Invitation to Tender document. This Service optionally requires a specific configuration to support regular 'night vision goggle' operations. See Section 2.7 of Part B in Invitation to Tender document.
RW15303	Primary	Absolute	AAS, Firefighter & cargo transport, Firebombing, Burning. (note 13)	ROTARY WING	Type 3	North East Victoria (note B)	Bucket	Required	Wet-B	14 weeks	Dec-Mar	Schedules A & B	
RW15304	Primary	Absolute	AAS, Firefighter & Cargo transport, FLIR, Firebombing, Burning. (note 13 & 16)	ROTARY WING	Type 3	East Gippsland, Victoria (note C)	Bucket	Required	Wet-B	14 weeks	Dec-Mar	Schedules A, B & C	
RW15305	Primary	Absolute	AAS, Firefighter & Cargo transport, Firebombing, Burning. (note 13)	ROTARY WING	Type 3	Bendigo Airport, Victoria	Bucket	Required	Wet-B	14 weeks	Dec-Mar	Schedules A & B	
RW15307	Primary	Absolute	Aerial intelligence gathering, AAS, Burning (preferred), NVG (optional), Firebombing (optional). (notes 13, 15 & 16)	ROTARY WING	Type 3	Moorabbin Airport, Victoria	Bucket (optional)	Required	Wet-B	14 weeks	Dec-Mar	Schedules A (optional), B & C	This Service requires a specific configuration to support regular 'aerial intelligence gathering' operations. See Section 2.3 of Part B in Invitation to Tender document. This Service optionally requires a specific configuration to support regular 'night vision goggle' operations. See Section 2.7 of Part B in Invitation to Tender document.
RW15310	Primary	Absolute	AAS, Firefighter & Cargo transport, Firebombing, Burning. (note 13)	ROTARY WING	Type 3	Clearwater helibase, Colac, Victoria (note D)	Bucket	Required	Wet-B	12 weeks	Dec-Mar	Schedules A & B	
RW15311	Primary	Absolute	AAS, Firefighter & Cargo transport, Firebombing, Burning. (note 13)	ROTARY WING	Type 3	Walsh's airstrip, Mansfield, Victoria (note E)	Bucket	Required	Wet-B	12 weeks	Dec-Mar	Schedules A & B	
RW15312	Primary	Absolute	AAS, Firefighter & Cargo transport, FLIR, Firebombing, Burning. (note 13 & 16)	ROTARY WING	Type 3	Outer Eastern Melbourne (note F)	Bucket	Required	Wet-B	14 weeks	Dec-Mar	Schedules A, B & C	
RW15327	Primary	Absolute	Firebombing, Firefighter & Cargo transport (optional), AAS platform (optional), Burning (optional). (notes 12 & 13)	ROTARY WING	Type 2 or 3	Benalla Airport, Victoria	Tank	Optional (note 12)	Wet-A	14 weeks	Dec-Mar	Schedules A, B (optional) and F	
RW15328	Primary	Absolute	Firebombing, Firefighter & Cargo transport (optional), AAS platform (optional), Burning (optional). (notes 12 & 13)	ROTARY WING	Type 2 or 3	Shepparton Airport, Victoria	Tank	Optional (note 12)	Wet-A	14 weeks	Dec-Mar	Schedules A, B (optional) and F	
RW15329	Primary	Absolute	Firebombing, Firefighter & Cargo transport (optional), AAS platform (optional), Burning (optional). (notes 12 & 13)	ROTARY WING	Type 2 or 3	Latrobe Valley Airport, Victoria	Bucket or Tank	Optional (note 12)	Wet-A	10 weeks	Dec-Mar	Schedules A, B (optional) and F	
RW15330	Primary	Absolute	Firebombing, Firefighter & Cargo transport (optional), AAS platform (optional), Burning (optional). (notes 12 & 13)	ROTARY WING	Type 2 or 3	Ovens helibase, Victoria (note H)	Bucket or Tank	Optional (note 12)	Wet-A	10 weeks	Dec-Mar	Schedules A, B (optional) and F	
RW15331	Primary	Absolute	Firebombing, Rappel, Firefighter & Cargo transport	ROTARY WING	Type 2	Outer Eastern Melbourne (note F)	Tank (note 14)	Required	Wet-A	14 weeks	Dec-Mar	Schedules A, E and F	This Service requires a specific configuration to support regular 'Rappel' operations. See Section 2.5 of Part B in Invitation to Tender document.
RW15332	Primary	Absolute	Firebombing, Rappel, Firefighter & Cargo transport	ROTARY WING	Type 2	Ovens helibase, Victoria (note H)	Tank (note 14)	Required	Wet-A	14 weeks	Dec-Mar	Schedules A, E and F	This Service requires a specific configuration to support regular 'Rappel' operations. See Section 2.5 of Part B in Invitation to Tender document.
RW15333	Primary	Absolute	Firebombing, Rappel, Firefighter & Cargo transport	ROTARY WING	Type 2	Heyfield helibase, Victoria (note J)	Tank (note 14)	Required	Wet-A	14 weeks	Dec-Mar	Schedules A, E and F	This Service requires a specific configuration to support regular 'Rappel' operations. See Section 2.5 of Part B in Invitation to Tender document.

Service ID	Contract type (Note 1)	Availability (Note 2)	Brief Service Description (Note 3)	Airframe (Note 4)	Aircraft Type (Note 4)	Nominated Operational Base (or general area of NOB) (Note 5)	Firebombing Delivery System (Note 6)	Passenger Carriage (Note 7)	Fuelling (Note 8)	Service Period (Note 9)	Approximate timing (Note 10)	Specimen Contract applicable Schedules (in addition to Schedules 1, 2, 3, 4, & 5) (Note 11)	Additional Information
RW15334	Primary	Absolute	Firebombing, Rappel (optional), Firefighter & Cargo transport (optional)	ROTARY WING	Type 2	Outer Eastern Melbourne (note F)	Tank (note 14) or long line bucket	Optional	Wet-A	14 weeks	Dec-Mar	Schedules A, E and F	It is optional that this Service has a specific configuration to support regular 'Rappel' operations. See Section 2.5 of Part B in Invitation to Tender document.
RW15335	Primary	Absolute	Firebombing, Firefighter & Cargo transport	ROTARY WING	Type 2	Bendigo Airport, Victoria	Tank	Required	Wet-A	14 weeks	Dec-Mar	Schedules A and F	
RW15337	Primary	Absolute	Firebombing, Rappel (preferred), Firefighter & Cargo transport (preferred)	ROTARY WING	Type 2	Mangalore / Seymour area, Victoria (note K)	Tank (preferred) (note14) or bucket	Preferred	Wet-A	14 weeks	Dec-Mar	Schedules A and F	It is preferred that this Service has a specific configuration to support regular 'Rappel' operations. See Section 2.5 of Part B in Invitation to Tender document.
RW15338	Secondary	Absolute	Firebombing, Firefighter & Cargo transport	ROTARY WING	Type 2	North West Victoria (moving NOB) (note G)	Tank (preferred) or long line bucket	Required	Wet-A	6 weeks (note 17)	Oct-Dec	Schedules A and F	The NOB for this Service would normally commence in the Sea Lake area and move south east with the risks associated with crop harvesting activity. This Service could then dovetail with any other Type 2 Service starting in December to effectively provide a 20+ week Service Period with multiple NOBs.
RW15339	Primary	Absolute	Firebombing, Firefighter & Cargo transport	ROTARY WING	Type 2	Latrobe Valley Airport, Victoria	Tank	Required	Wet-A	14 weeks	Dec-Mar	Schedules A and F	
RW15351	Primary	Partial	AAS, Firefighter & Cargo transport, Burning, Firebombing.	ROTARY WING	Type 3	Adelaide Metropolitan Area (note L)	Bucket	Required	Wet-B	8 weeks (note 18)	Oct-May	Schedules A, B and F	
RW15352	Primary	Absolute	Firebombing, Winching, Firefighter & Cargo transport.	ROTARY WING	Type 2 or 3	Hume helibase ACT (note M)	Tank (preferred) or bucket	Required	Wet-A	12 weeks	Nov-Feb	Schedules A, D and F	

Service Notes

Note	Service Application	Note	Quick Reference (the notes below are for explanation purposes only)
1	All	Refer to the ITT document for further detail on types of contract	<p>Primary Contract: A contract where at least one Service Period, of a defined minimum length, is guaranteed in each year of the Contract Period. Service Periods may be extended beyond the minimum length in any year.</p> <p>Secondary Contract: A contract where a Service Period is only activated in any given year of the Contract Period by advance notice to the Contractor. It is possible that no Service Periods will be activated during the life of the Contract. Service Periods, if activated, will be of the specified minimum length of time (unless otherwise agreed).</p>
2	All	Refer to the ITT document for detail on types of Availability	<p>Absolute Availability: During any Service Period the aircraft services are required to be immediately available (this effectively precludes the aircraft being used for work for other clients during that period). Generally Parallel to "Exclusive Use" in some other countries.</p> <p>Partial Availability: The aircraft services are only required to be standing by, or to operate, at certain times during the Service Period as notified in advance to the Contractor. Normally this will coincide with periods of high fire risk or fire activity or other emergency activities. In turn this may allow the Contractor more flexibility with crewing and the ability to utilise the aircraft or crew for other non-contract activities during lower activity periods.</p>
3	All	Main role(s) of Service. Other roles may be required. Note that the main role(s) determines which Schedule(s) of the Specimen Contract will apply.	Where (optional) appears after a role this means it is optional that this service can perform this particular role. Where (preferred) appears after a role this means it is preferred that this service can perform this particular role. Where (strongly preferred) appears after a role this means it is strongly preferred that this service can perform this particular role.
4	All	Refer NAFC Standards <i>PR-001: Categorisation of Rotary-Wing Aircraft used for Firebombing Operations</i> and <i>PR-002: Categorisation of Fixed-Wing Aircraft used for Firebombing Operations</i> , for definitions of aircraft types.	See also Section 5.4 of Part A of the ITT document for information regarding how different aircraft Types will be evaluated. In summary: * Where a particular Type is specified, a "higher" Type may be tendered but it will be evaluated as if it were the Type specified in this Table. * Where more than one Type is specified, tenders will be evaluated according to the actual Type(s) tendered
5	All	Refer to the ITT document for further detail on Nominated Operational Bases (NOB). Also refer to relevant Location Notes	In some instances an actual location for the NOB is specified. Any tenders for these Services should tender using the specified NOB. For other Services, a general area is provided. For these Services the tenderer may propose any suitable NOB within the general area specified. It is recommended that the tenderer proposes the NOB from which they would most efficiently provide the Service. Where a general area is specified, these should not be read as having particular boundaries or as representing defined local government or other administrative regions. Boundaries are not firm and a suitable NOB could be located anywhere in the general area. Further guidance regarding locations for NOBs is provided in the Location Notes.
6	All	Refer to the ITT document for more detail on delivery systems, and to NAFC Standard <i>OPS-001: Approval of Firebombing Delivery Systems</i> .	<p>"Tank" means a fixed tank or hopper.</p> <p>"Bucket" means a specialised aerial firefighting bucket suspended on a cable.</p> <p>"(Bucket)" means a bucket provided as an ancillary capability (refer to the Specimen Contract, Schedule B).</p> <p>"Long line bucket" means a bucket meeting the requirements for long-line buckets in the Specimen Contract Schedule A.</p> <p>"Tank or bucket" means that either option is acceptable and will be treated with equal weight in the evaluation process unless otherwise noted.</p> <p>"Tank (preferred) or bucket" means that either option is acceptable and however the tank will be treated with greater weight in the evaluation process.</p>
7	All requiring passenger carriage	For more detail on passenger carriage, refer to the ITT document and to NAFC Standard <i>PR 003: Definition of Passenger Carrying Capability – Firefighting Aircraft</i> . "Charter" equals the rules that CASA has in place at any point in time for non-scheduled carriage of passengers for hire and reward in small or large aircraft, as applicable.	If passenger carriage is required, aircraft must have a Standard Airworthiness Certificate (or "dual" certificate, if applicable) and the Contractor must have Charter AOC for the aircraft. If passenger carriage is not required, a Special (e.g. Restricted or Experimental category) Airworthiness Certificate is normally acceptable.
8	All	Refer to the ITT document (Part B section 3.1) and Contract definitions for more detail on refuelling requirements. Note that while Wet-A fuelling is being specified for some Services at this stage of the tender, this may be substituted for Wet-B fuelling in the pricing stage	<p>In summary:</p> <p>Wet-A Hire: The Contractor provides all fuel (and other consumables required for operation of aircraft) and provides <u>mobile self-contained</u> refuelling support.</p> <p>Wet-B Hire: The Contractor provides all fuel (and other consumables required for operation of aircraft), including at the NOB, but mobile refuelling facility is not required (but may be offered as a supplementary capability).</p> <p>Dry Hire: The NAFC Member meets the cost of fuel. The Contractor is responsible for other consumables. Mobile fuel support is not required (but may be offered as a supplementary capability).</p>
9	All	Refer to Section 1.4 of part B of the ITT document for more detail on Service Periods. This is the minimum length of Service Period in any contract year (or, in the case of Secondary Contracts, if a Service Period actually occurs).	For Services with a "Burning" role also see note 13 below and ITT document regarding service period for burning operations

Note	Service Application	Note	Quick Reference (the notes below are for explanation purposes only)
10	All	Approximate timing of the occurrence of the Service Period in any contract year. This is indicative only, for planning purposes.	For Services with a "Burning" role also see note 13 below and ITT document regarding Service Periods for burning operations
11	All	Indicates which Schedules in the Specimen Contract that apply to each Service.	Schedules 1 to 5 apply to all Services. Each of Schedules A to F in the Specimen Contract apply only to certain Services. This column specifies which of the Schedules A to F will apply to each Service listed. Where Schedules A to F relate to an optional or preferred roles the applicability of the Schedules will depend on whether the optional or preferred role is engaged.
12	RW15327 RW15328 RW15329 RW15330	The primary role for these Services is Firebombing. If tendering Type 3 helicopters AAS, Burning, Firefighter & Cargo transport and Passenger Carriage is strongly preferred. The Service role of "Burning" will only be considered for Type 3 helicopters	The intent of the 'optional' and 'preferred' statements here is to allow normal or restricted category Type 2 helicopters to be tendered alongside normal category Type 3 helicopters for these Services. For Type 3 helicopters it is strongly preferred that they are equipped and able to perform AAS Platform, Burning and Firefighter & Cargo transport roles.
13	RW15301 RW15302 RW15303 RW15304 RW15305 RW15307 RW15310 RW15311 RW15312 RW15327 RW15328 RW15329 RW15330	Refer to Section 2.6 of part B of the ITT document for further detail on aircraft configuration, equipment and Service Periods required for "Burning" (Aerial Ignition)	Type 3 Helicopters required to conduct "Burning" (Aerial Ignition) operations are required to be configured to use Member supplied "Aerial Incendiary Machine" and/or "Aerial Drip Torch" equipment. Type 3 Helicopters required to conduct "Burning" (Aerial Ignition) operations may be required to be available for a partial availability period in spring and/or autumn burning seasons. See the ITT document (Part B section 1.4) for more details
14	RW15331 RW15332 RW15333 RW15334 RW15337	Firebombing tanks on aircraft equipped for rappel operations must be compatible with all requirements of rappel operations.	Details of rappel requirements are found in Section 1.11 of Part B in Invitation to Tender document.
15	RW15307	If NVG option is taken up then Burning role would become required	Aircraft undertaking Night Vision Goggle operations are typically deployed to undertake aerial observation and "Burning" (Aerial Ignition) roles. Tenderers should therefore ensure that aircraft tendered for NVG roles are also configured to meet Air Attack Supervision and "Burning" (Aerial Ignition) role requirements.
16	RW15302 RW15304 RW15307 RW15312	For more information regarding carriage of FLIR or AIG equipment refer to the ITT document.	This Service requires the carriage and operation of a Wescam MX10 camera and video down link equipment. Tenders may propose to utilise Member owned equipment or supply their own. Tenderers may propose to supply personnel to operate the equipment.
17	RW15338	As a Secondary Service this Service may not be taken up if the seasonal requirements do not require it. When this Service is taken up a minimum Service Period of 6 weeks is expected. The NOB for this Service would normally commence in the Sea Lake area and move south east with the risks associated with crop harvesting activity. It is anticipated that this Service could then dovetail with any other Type 2 RW Service starting in December to effectively provide a 20+ week Service Period with multiple NOBs.	Refer to Section 1.3 of part B of the ITT document for more information
18	RW15351	This Partial Availability Service is only required to be standing by, or to operate, at certain times during the Service Period as notified in advance to the Contractor. Tenderers may propose Partial Availability arrangements including advance notice to commitment, minimum number of days of commitment, etc. More favourable arrangements will be treated with greater weight in the evaluation process.	Also see Note 2 Refer to clause 3 of Schedule 2 of the Specimen Contract for more information

Location Notes

Note	Service Application	Note	Quick Reference
A	RW15301	The Horsham helipad, Victoria is located within the DELWP workcentre, 110 Natimuk Rd, Horsham.	(Horsham helipad: -36.722°, 142.173°)
B	RW15303	North East Victoria - generally includes the BoM forecast districts of North East Victoria, the eastern part of the Victorian Northern Country district and the south eastern parts of the NSW Riverina district.	This note is provided as broad, general guidance only. Boundaries are not firm. Proposed NOBs outside the general areas listed will still be considered. BoM means Bureau of Meteorology. Refer to http://www.bom.gov.au/vic/forecasts/map.shtml
C	RW15304	East Gippsland Victoria - generally includes the BoM forecast districts of East Gippsland Victoria.	This note is provided as broad, general guidance only. Boundaries are not firm. Proposed NOBs outside the general areas listed will still be considered. BoM means Bureau of Meteorology. Refer to http://www.bom.gov.au/vic/forecasts/map.shtml
D	RW15310	Clearwater helibase, Colac, Victoria is located in the yard of Clearwater Logging & Transport at 88 Forest Street South, Colac East. This site is also the NOB for a NAFC contracted Sikorsky S61 fire fighting helicopter.	(Clearwater helibase: -38.343°, 143.609°)
E	RW15311	Walsh's airstrip, Mansfield, Victoria is located at the airbase on Walsh's Airstrip 90 Mansfield – Woods Point Rd [C511] (also known as the Jamieson Rd), Mansfield. This site is also the NOB for a NAFC contracted Sikorsky S61 fire fighting helicopter.	(Walsh's Airstrip: -37.079°, 146.123°)
F	RW15312 RW15331 RW15334	Outer Eastern Melbourne, Victoria - generally includes the area of and surrounding the Dandenong Ranges and the lower Yarra Valley. Existing agency helipads in the area include Parks Victoria Olinda Depot and Melbourne Water Healesville Depot. These sites are listed for reference only. Other locations may be acceptable.	This note is provided as broad, general guidance only. Boundaries are not firm. Proposed NOBs outside the general areas listed will still be considered. Existing helipads are given for reference. (Healesville helipad: -37.644°, 145.557°) (Olinda helipad: -37.859°, 145.377°)
G	RW15338	North West Victoria - The area required generally includes the eastern part BoM "Mallee" forecast area, and the western part of the "Northern Country" forecast area. This service is required to relocate its operational base to follow the fire risks associated with the spring cropping season. This service has in the past commenced in the Sea Lake area and shifted south and east as the service period continues.	This note is provided as broad, general guidance only. Boundaries are not firm. Proposed NOBs outside the general areas listed will still be considered. BoM means Bureau of Meteorology. Refer to http://www.bom.gov.au/vic/forecasts/map.shtml
H	RW15330 RW15332	Ovens helibase is located within the DELWP Ovens depot at 5338 Great Alpine Rd, Ovens, Victoria.	(Ovens helipad: -36.608°, 146.787°)
J	RW15333	Heyfield helibase is located at the DELWP helipads on Licola Road (also known as the Heyfield-Jamieson Rd) Heyfield, Victoria 3858.	(Heyfield helibase -37.961°, 146.777°)

Location Notes

Note	Service Application	Note	Quick Reference
K	RW15337	Mangalore / Seymour area, Victoria. This service is located to cover the area between other fire bombing services based at Mansfield, Bendigo, Shepparton and greater Melbourne area. While Mangalore airport is located centrally in this area other nearby locations may be considered.	This note is provided as broad, general guidance only. Boundaries are not firm. Proposed NOBs outside the general areas listed will still be considered.
L	RW15351	Adelaide Metropolitan Area , generally includes the area of and surrounding the Adelaide Metropolitan Area and Mt Lofty ranges. It is most likely that on days of 'commitment' status this Service will be required to be located at SA CFS Airbase Woodside South Australia.	(Woodside Airbase -34.956°, 138.895°)
M	RW15352	The Hume Helibase is located at ACT Rural Fire Service facilities at 10280 Monaro Hwy, Hume, ACT, 2620. The ACT RFS will make facilities available to Contractors at the Hume Helibase.	(Hume helibase: -35.378°, 149.171°)