



AGENDA

BUSHFIRE ADVISORY COMMITTEE

17 MARCH 2022



SHIRE OF WAGIN
NOTICE OF MEETING

Dear Bushfire Brigade Members and Committee Members,

The next Bushfire Advisory Committee meeting will be held

ON: Thursday 17 MARCH 2022

WHERE: Council Chambers, Shire of Wagin

AT: 7:15pm (approximately, to proceed the Annual General Meeting)

Bill Atkinson
CHIEF EXECUTIVE OFFICER

Note: That, under section 5.65 of the Local Government Act 1995, care should be exercised by all councillors to ensure that a 'financial interest' is declared and that they refrain from voting on any matters which are considered that may come within the ambit of the Act.



DISCLAIMER

No responsibility is implied or accepted by the Shire of Wagin for any act, omission or statement or intimation occurring during Council or committee meetings.

The Shire of Wagin disclaims any liability for any loss whatsoever and howsoever caused arising out of reliance by any person or legal entity on any such act, omission or statement or intimation occurring during Council or committee meetings.

Any person or legal entity who acts or fails to act in reliance upon any statement, act or omission made in a Council or committee meeting does so at that person's or legal entity's own risk.

In particular and without detracting in any way from the broad disclaimer above, in any discussion regarding any planning application or application for a licence, any statement or intimation of approval made by any member or officer of the Shire of Wagin during the course of any meeting is not intended to be and is not taken as notice of approval from the Shire of Wagin

The Shire of Wagin advises that anyone who has any application lodged with the Shire of Wagin shall obtain and should only rely on **WRITTEN CONFIRMATION** of the outcome of the application, and any conditions attaching to the decision made by the Shire of Wagin in respect of the application.

Bill Atkinson
CHIEF EXECUTIVE OFFICER



SHIRE OF WAGIN

Agenda for the Bushfire Advisory Committee meeting to be held in the Council Chambers,
Wagin on Thursday 17 March 2022 commencing at 7:15pm

CONTENTS

1.	OFFICIAL OPENING	5
2.	RECORD OF ATTENDANCE/APOLOGIES/LEAVE OF ABSENCE (PREVIOUSLY APPROVED)	5
2.1	ATTENDANCE	5
2.2	APOLOGIES	5
3.	PUBLIC FORUM	5
4.	PETITIONS/DEPUTATIONS/PRESENTATIONS	5
5.	DISCLOSURE OF FINANCIAL AND OTHER INTERESTS	5
6.	CONFIRMATION OF PREVIOUS MEETING MINUTES	6
6.1	MINUTES FROM THE BUSHFIRE ADVISORY COMMITTEE MEETING HELD 17 MARCH 2021	6
7.	CORRESPONDENCE AND REPORTS	6
7.1.	DEPUTY BUSHFIRE CONTROL OFFICER REPORT	6
7.2.	BRIGADE REPORTS	6
7.3.	SHIRE OF WAGIN REPORT.....	7
7.4.	ESL GRANT APPLICATION 2022/2023.....	8
8.	GENERAL BUSINESS	11
8.1	REQUEST FOR WATER TANK AT WAGIN AIRFIELD	11
9.	CLOSURE	12



1. OFFICIAL OPENING

Opened the meeting _____ pm.

2. RECORD OF ATTENDANCE/APOLOGIES/LEAVE OF ABSENCE (PREVIOUSLY APPROVED)

2.1 ATTENDANCE

2.2 APOLOGIES

3. PUBLIC FORUM

4. PETITIONS/DEPUTATIONS/PRESENTATIONS

5. DISCLOSURE OF FINANCIAL AND OTHER INTERESTS

5.1 DISCLOSURE OF FINANCIAL INTEREST – Local Government Act Section 5.60a

5.2 DISCLOSURE OF PROXIMITY INTEREST – Local Government Act Section 5.6

5.3 DISCLOSURE OF IMPARTIALITY INTEREST – Administration Regulation Section 34c



6. CONFIRMATION OF PREVIOUS MEETING MINUTES

6.1 MINUTES FROM THE BUSHFIRE ADVISORY COMMITTEE MEETING HELD 17 MARCH 2021

COMMITTEE DECISION

Moved Cr

Seconded Cr

That the minutes of the Bushfire Advisory Committee Meeting held on 17 March 2021 and circulated to all Councillors and Committee Members, be confirmed as a true and accurate record.

Carried 0/0

7. CORRESPONDENCE AND REPORTS

7.1. DEPUTY BUSHFIRE CONTROL OFFICER REPORT

7.1.1 DEPUTY 1 – REPORT

7.1.2 DEPUTY 2 – REPORT

7.2. BRIGADE REPORTS

7.2.1 BADJARNING

7.2.2 BALLAYING

7.2.3 CANCANNING

7.2.4 LIME LAKE

7.2.5 PIESSEVILLE

7.2.6 WEDGECARRUP

7.2.7 WAGIN/TOWN & VFRS



7.3. SHIRE OF WAGIN REPORT

On behalf of Council, I would like to acknowledge and congratulate the Chief Bushfire Control Officer, his right-hand woman, his deputies, the Fire Control Officers, Captains and all volunteers for their efforts and the fantastic job they did during the fire season.

It was a busier bushfire season than last year with some doozies thrown in near the end of the reporting period. Council would sincerely like to thank everyone for everything done for our fires, and especially for stepping up on the weekend of the 5th & 6th February with our Ballagin Road fire and then helping our neighbours with the events and resulting issues from the fire in Narrogin, Quairading, Wickepin, Corrigin, Kondinin and Kulin shire.

Fires in the last few months in Dunsborough, Margaret River, Demark, Bridgetown, Bremer Bay and the Fitzgerald River National Park have put everyone on edge regarding fire control, with a hold on burning permits being put in place until after the planned (but cancelled) Woolorama weekend.

Council continues to update the supply of PPE for the volunteers, with most of our stock walking out the door in the week following the Wagin & Narrogin fires.

New tohl fire hose nozzles have been ordered for the farm units along with additional camlock fittings for the trailers, saline for the first aid kits on the trailers and in the trucks and measuring jugs for foam management.

Vehicle stickers renewals have been slow and steady – with the current issue of stickers expiring in September this year.

A plan was put in place last year to have some pre-season training, and this is planned for tomorrow, 18th March 2022, with about 12 young members registered to attend already. The training is specific to farm firefighting units and starts at 1pm at the Eric Farrow – we encourage all to attend.

With the changes in the *Occupational Health and Safety Act* regarding training, we have instigated Recognition of Prior Learning certificates for all members who our chief & executive committee considers to be sufficiently experienced and skilled. DFES requirements regarding COVID have created some concern with people on the fire ground, however, council is supportive of the understanding that every fire fighter on the fire ground is required, no-one will be turned away unless they are unable to perform the required role.

The new fire truck – a 4.4 Rural Tender for the Town FRS Brigade, currently has no ETA on its arrival to Wagin, DFES response to an arrival time are inconclusive as rollouts across the state have been delayed by supply issues. Part of the 2022/23 ESL submission includes a water tanker, portable shade for the standpipe trailers, infra-red cameras and a fire truck and shed for Ballaying.

Council would like to thank all volunteers for being supportive of the required changes and assisting us in doing all we can to ensure all volunteers are safe, and able to turn up to fight fires.



7.4. ESL GRANT APPLICATION 2022/2023

PROPONENT:	N/A
OWNER:	N/A
LOCATION/ADDRESS:	N/A
AUTHOR OF REPORT:	Community Liaison Officer
SENIOR OFFICER:	Deputy Chief Executive Officer
DATE OF REPORT:	10 March 2022
PREVIOUS REPORT(S):	March 2021
DISCLOSURE OF INTEREST:	Nil
FILE REFERENCE:	
ATTACHMENTS:	<ul style="list-style-type: none">• 2022/2023 Bushfire Brigade ESL Application

OFFICER RECOMMENDATION

Moved Cr

Seconded Cr

That the Committee recommend that Council endorse the 2022/2023 ESL Operating and Capital grant application (amended) for the Wagin Bushfire Brigades.

Carried 0/0

BRIEF SUMMARY

The Committee to recommend endorse the 2022/2023 ESL operating and Capital grant for the Wagin Bushfire Brigades.

BACKGROUND/COMMENT

It is a requirement for the Shire to submit to DFES an application for ESL operating and Capital grant funding for the following financial year by the 31st of March each year.

ESL Grant 2022/23

This year's ESL application has some additions on last year's application with the following capital items applied for:

- A new 4 x 4 2.4 Fire Tender for the Ballaying Brigade to be housed in Ballaying
- Wagin Town Brigade 40,000l Triaxle Water Tanker

Additional items applied for:

- Infra-red Cameras – for Wedgecarrup and Piesseville trucks
- Portable shelters for each standpipe trailer
- Freezer – to be stocked and stored at Shire Officer, for fire food supply

There is no provision for applying for water tanks through the ESL grant process, however other grant funds applications have been successful with at least one tank situated in each brigade area, while two still require a water fill, others are connected to mains via a standpipe.



In the 2022/2023 financial year DFES has offered the Shire BFB program and operating amount of \$58,915 this is again an increase on last year. However, after consideration of the expenditure to date for 2021/2022 financial year, increasing costs and consideration of required items of the BFB's, staff are recommending to alter the offer and resubmit.

The 2022/2023 ESL Operating and Capital Grant application is attached for your information.

Wagin ESL Operating Grant Allocations		
Year	Operating Grant	Other / Comments
2015-2016	\$28,000	
2016-2017	\$31,440	
2017-2018	\$33,000	
2018-2019	\$44,000	Plus \$15,000 one off PPE Allocation & \$3,288 insurance Allowance
2019-2020	\$49,000	Plus \$4,262 Insurance Allowance
2020-2021	\$52,550	Plus Insurance Allowance of \$4,000
2021-2022	\$57,620	
2022-2023	\$58,915	Decline with the additions attached (see form 6)

Update on the ESL Grant 2022/2023

For the 2021/2022 financial year, DFES offered the Shire BFB program \$57,620, which was accepted. Year to date totals show that an over expenditure of \$3,905. Whilst considering the acceptance of the 2022/2023 financial year offer, expenditure trends show the increase of the following and considered in the proposed budget of \$75,600

1. Insurance cost increase – trending approx. \$4,000 per annum
2. Restocking of PPE
3. Plant and Equipment less than \$1,500 – purchase of freezer, kestrels, shelter for portable standpipes.

Non-recurrent expenditure

1. 2 x Thermal Infra-red cameras (Wedgescarrup and Piesseville trucks)

CONSULTATION/COMMUNICATION

FCO's & Shire Staff

STATUTORY/LEGAL IMPLICATIONS

Nil



POLICY IMPLICATIONS

Nil

FINANCIAL IMPLICATIONS

- Bush Fire Control for 2022/2023 Budget

STRATEGIC IMPLICATIONS

Nil

VOTING REQUIREMENTS

Simple Majority

**2022/23
LGGS
APPLICATION
FORMS
(EXCEL)**

**Bush Fire Brigades
Local Government Grant Scheme 2022/23
Operating Grant Offer Assessed Allocation**

Local Government	Wagin
Region	Upper Great Southern

Total Gross Offer 2022/23 Operational Grant (Line Items 1-8)	\$58,960
Less Unexpended funds carried over from 2020/21	\$45
Net Cash Grant Offer - 2022/23 (Line Items 1-8)	\$58,915

* TBA – To be advised on completion of 2019/20 Annual Operating Grant Acquittal (Form 8) assessment.

BRIGADE/UNIT DETAILS				FORM 2	
Local Government Name: SHIRE OF WAGIN					
Financial Year: 2022/23 THIS FORM MUST BE COMPLETED AND RETURNED WITH YOUR GRANT APPLICATION					
Legal Name of Registered Brigades/Units		Profile of Brigade (See Appendix 1 for brigade classification)	No. Incidents Previous Financial Year 2020/21	No. of Registered Members ^(a)	No. of Buildings ^(b)
Bush Fire Brigades					
1	Wedgescarrup Brigade	Rural	7	49	1
2	Lime Lake Brigade	Farmer Response Unit	4	18	0
3	Ballaying Brigade	Farmer Response Unit	7	24	0
4	Piesseville Brigade	Rural	7	32	1
5	Cancanning Brigade	Farmer Response Unit	7	40	0
6	Badjarning Brigade	Farmer Response Unit	4	30	0
7	Wagin Town Brigade	Dual	20	22	1
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
TOTAL			56	215	3
State Emergency Service Units					
1					
2					
TOTAL				0	0
Notes:					
(a) Registered members are members of a brigade/unit as defined by the relevant legislation.					
(b) Buildings mean brigade/unit premises for operational purposes that are either owned or controlled by the Local Government or brigade/unit.					
If insufficient space, please provide information in above format on a separate attachment.					
DO NOT CHANGE THE LAYOUT OF THIS FORM					

UPPER GREAT SOUTHERN
Local Government Name:

WAGIN

2022/23 Replacement Program

- We agree with the 2022/23 Replacement Program as provided by DFES.
- We do not agree with the 2022/23 Replacement Program. (Complete 2022/23 Alternate Program)

VEHICLES – EXISTING (*) VERIFY DETAILS BELOW FOR ACCURACY, AMEND ACCORDINLY, SIGN AND DATE BELOW					
*Brigade/Unit	*Description	*Rego	*Year Commissioned	2022/23 Replacement Program	Indicative Program 2023/24 to 2025/26 Description (*)
Piesseville	2.4 Rural	1EPA139	2015	2022/23 Replacement Program approved Dec 2021. Not applicable PLEASE COMPLETE REMAINDER OF THE FORM FOR ADDITIONAL FLEET REQUESTS AND ANY INDICATIVE PROGRAM (OUT-YEAR) ADJUSTMENTS	
South West - Wedgecarrup	2.4 Broadacre	1EHJ613	2013		
Wagin Town	4.4 Broadacre	Additional appliance	4.4 Broadacre - Isuzu Crew Cab Approved 19/20		

VEHICLES – NEW ACQUISITIONS – SUPPORTING JUSTIFICATION REQUIRED (R2R & Business Case)				
<i>(For additional fleet purchases only. Do not complete for replacement vehicles)</i>				
Brigade/Unit	Description	Make	Model	2021/22 Priority
Ballaying	4.4 Broadacre Tanker Crew Cab	Isuzu	FTS 139/260	Yes
Wagin Town	40,000L Tri-axle water tanker	Tristar	Other	Yes.

I certify the information provided for existing vehicles is true and correct

CEO Signature: _____ Date: _____ **DO NOT CHANGE THE LAYOUT OF THIS FORM**

EDE:WTA ES.SP.1

17 March 2022

Mr. Peter Raykos
Grants Funding Officer
Department of Fire & Emergency Services
PO Box P1174
PERTH WA 6844

Email – peter.raykos@dfes.wa.gov.au

Dear Peter,

**2022/23 LOCAL GOVERNMENT GRANTS SCHEME (LGGS) – FORM 3a
JUSTIFICATION**

1. Ballaying Bushfire Brigade - New Fire Appliance and Facilities Justification

The Shire of Wagin is 1,950 square kilometres in area and at present we have only two fire-fighting appliances to service the whole Shire and one approved for our Town FRS Brigade (Dual) however this has yet to be delivered.

The existing appliances are located in Piesseville, some 14 kilometres north of the main Wagin town site and Wedgecarrup which is located west of the town site.

Council is seeking a 4.4 Rural tender for our Ballaying Brigade. Ballaying, is in the eastern part of the Shire and this application is to address the lack of tanker coverage in this area to meet the needs of land holders in the east and south east of the shire. There is currently no fire appliance east of Wagin to Dumbleyung, which is some forty kilometres away. Also, to the east of the townsite, there is a very large hay plant business called Gilmac Hay, this is coupled with two other major grain businesses to the east in Unigrain and Grainfeeds.

There are currently 25 members in the Ballaying Brigade.

The new facility will be located on Reserve 15817, vested in the Shire and is the site of the old Shire Agricultural Hall.

This request has been ratified at our recent Wagin Bushfire Advisory Committee meeting and then by Wagin Shire Council.

2. Wagin Town Brigade - Triaxle Water Tanker Justification

Currently, all the brigades/farm units in the Wagin jurisdiction do not have the ability to cart any water to a fire that exceeds 1,000 litres.

The ability to cart large amounts of water to a fire, such as this proposed water tanker, would be an effective, efficient way to make a concerted effort in combating a bushfire in less time.

As with most rural brigades in the district, access to water can be one of the main concerns when attending a fire at an unknown location. Local knowledge of the area for first responders can restrict the ability to find and access water. This solution would elevate this concern. In recent events, even permanent water supplies can be unreliable, prolong and intensify a fire situation.

The volunteers have been consciously considering their options, year in and year out, on funding this water tanker from monies they raise or grant funding that becomes available but to no avail. Local bushfire brigade members have volunteered their own personal fleet to move the pre-filled tank around the region.

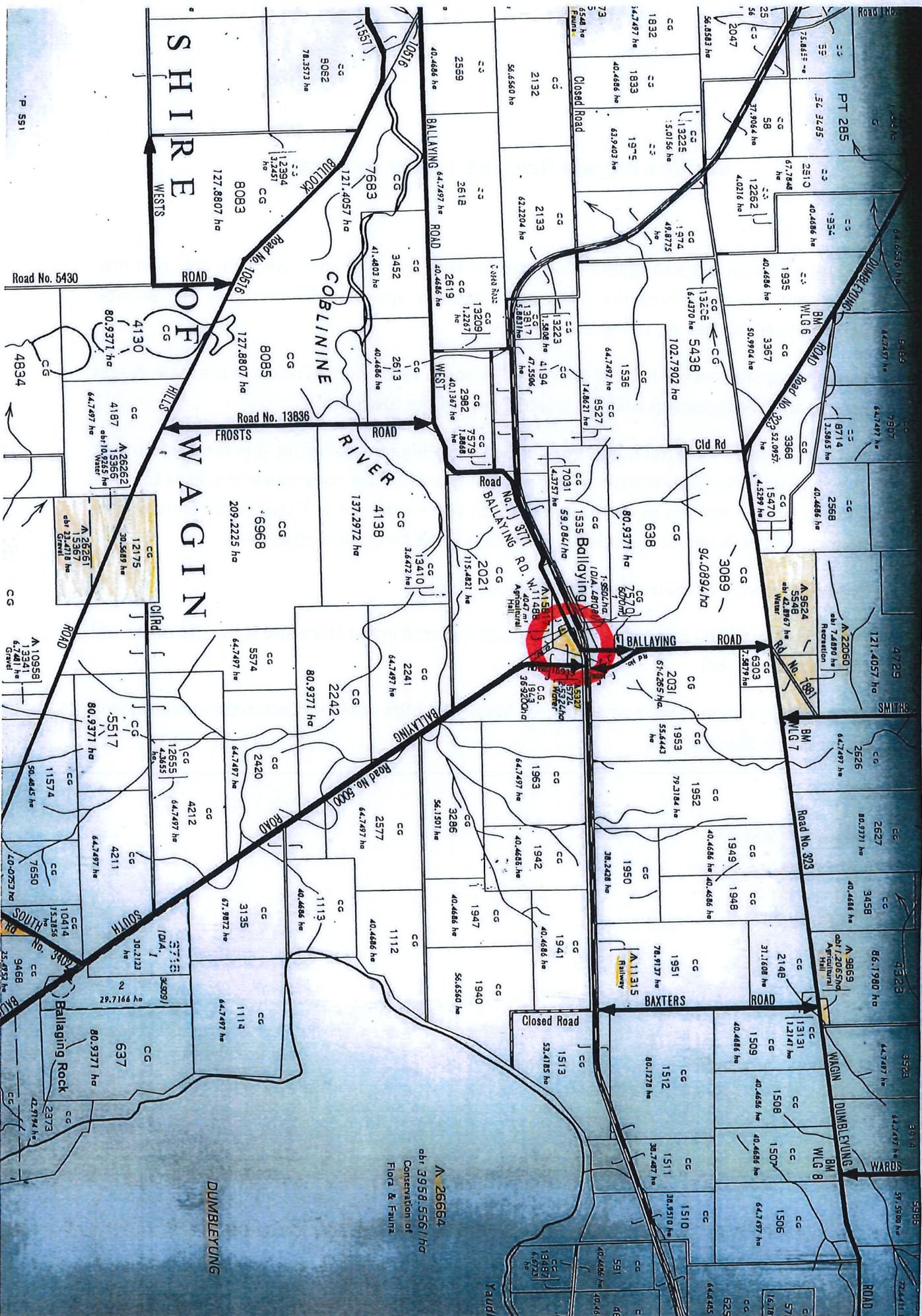
If further information is required, feel free to contact the undersigned on 9861 1177.

Yours faithfully,

A handwritten signature in blue ink, appearing to read 'Bill Atkinson', with a long, sweeping underline that extends to the left.

BILL ATKINSON
CHIEF EXECUTIVE OFFICER

PROPOSED LOCATION OF NEW RAUWALC REWARD FACILITY



A 26664
 cdt 3958.5561/ha
 Conservation of
 Flora & Fauna

P. 551

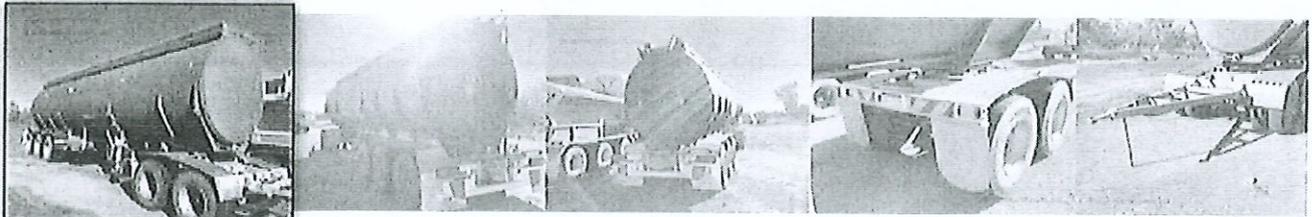
1998 Tristar Other

\$55,000 AUD (inc. GST)

 Purchase today for AUD \$694.01/monthly*



 Photos (18)



Price:	\$50,000 AUD	Year Built:	1998
Condition:	Used	Make, Model:	Tristar, Other
Type:	Fuel Tanker Trailers	Axle:	Tri axle
Suspension:	Airbag	Registration:	6K9T24000W2B50017
Ad Reference:	1613210	Location:	Western Australia
Last Modified:			

22/07/2021 4:59:34 PM AEST

TRISTAR,
Tri-axle BPW Airbag Suspension.
3-1/2" King Pin.
Independent Diesel pump for fuel delivery, with fuel filter, fuel meter and all hoses.
5 Compartments. 40,000Litre Capacity.
HEAVY DUTY Steel Tanker.
Registered in WA.

CAPITAL - BUILDINGS	FORM 5
Local Government Name: SHIRE OF WAGIN	
Please Tick Box: Bush Fire Brigade(s) <input checked="" type="checkbox"/> State Emergency Service Unit(s) <input type="checkbox"/>	
Brigade/Unit Name: BALLAYING BRIGADE	
<u>Complete one form for each building grant submission</u>	
<u>2022/23</u>	

Section	PLEASE COMPLETE ALL QUESTIONS. IF A NEW BUILDING, REFER TO APPENDIX V, FACILITY FOOTPRINT DESIGNS TO IDENTIFY THE TYPE OF BUILDING	Please circle or complete as appropriate
1	Is the application for an upgrade or extension to an existing building? <i>If YES please attach supporting details, including a fixed priced quote of the project (1 Page) and ignore Section 2</i>	YES / NO

2	Is this application for a new building?	YES / NO
	<i>If Yes please complete the following:</i>	
(a)	Is land of a suitable size available now? Do not submit application unless suitable land is available. This is a precondition for a building grant.	YES / NO
(b)	Is this building to be a Collocated Facility or is there an opportunity to establish a Collocated Facility?	YES / NO
	<i>If YES please provide details on a separate attachment</i>	
(c)	Does this building replace an existing building?	YES / NO
	<i>If YES approximately how old is the existing building?</i>	Years
(d)	What size building is required? Bays are to be for housing LGGS funded appliances/ vehicles/boats trailers only. (Refer Facility Footprint Designs)	
	BFB 1 Appliance Bay Facility and Amenities	YES / NO
	BFB 2 Appliance Bay Facility and Amenities	YES / NO
	BFB 3 Appliance Bay Facility and Amenities	YES / NO
	BFB 4 Appliance Bay Facility and Amenities	YES / NO
	BFB 5 Appliance Bay Facility and Amenities	YES / NO
	BFB 6 Appliance Bay Facility and Amenities	YES / NO
	SES 2 Bay Facility and Amenities	YES / NO
	SES 3 Bay Facility and Amenities	YES / NO
	SES 4 Bay Facility and Amenities	YES / NO
	SES 5 Bay Facility and Separate Amenities	YES / NO
	Other Facility - (Full plans, quotes and details required to be submitted)	YES / NO
(e)	How many appliances/vehicles/trailers etc will be housed in the building?	1
(f)	Does the land have separate title?	YES / NO
(g)	Does the land have the correct zoning for this building project?	YES / NO
(h)	Is the land cleared of contaminants?	YES / NO
(i)	Are there any native title considerations?	YES / NO
(j)	Are there ANY other funding sources contributing to this project?	YES / NO
	<i>If YES please provide full details on a separate attachment.</i>	
(k)	Are the fixed price quotes attached?	YES / NO
(l)	Has your DFES Superintendent/District Manager been consulted regarding this project?	YES / NO

DO NOT CHANGE THE LAYOUT OF THIS FORM

OPERATING GRANT BUDGET ESTIMATE - ALTERNATE ALLOCATION

FORM 6

(Line Items 1 - 8, 10)

ONLY TO BE COMPLETED IF THE DFES ASSESSED ALLOCATION IS NOT ACCEPTED

Local Government Name: SHIRE OF WAGIN

Please Tick Box: Bush Fire Brigade(s) State Emergency Service Unit(s)

(Complete one form for BFB in AGGREGATE and a separate form for SES in AGGREGATE.)

OPERATING GRANT BUDGET

Expenditure Items	2021/22 Projected (\$)	2022/23 Budget (\$)
RECURRENT EXPENDITURE		
1. Purchase of Plant & Equipment <\$1,500 per item	2,481	4,900
2. Maintenance of Plant and Equipment	430	500
3. Maintenance of Vehicles/Trailers/Boats	1,697	2,000
4. Maintenance of Land and Buildings	11,177	12,000
5. Clothing and Accessories ^(a)	15,517	20,000
6. Utilities, Rates and Taxes	1,041	1,200
7. Other Goods and Services	1,760	2,000
8. Insurances	27,423	33,000
NON-RECURRENT EXPENDITURE		
Total Line Items 1 - 8	\$61,525	\$75,600
9. Purchase of Plant and Equipment from \$1,500 to \$5,000 per item ^(b)		PLEASE COMPLETE FORM 7

All figures are to be GST EXCLUSIVE.

NOTES:

- (a) Not applicable for SES.
- (b) Items greater than \$5,000 are to be requested as a capital item.

As a separate attachment, please provide an explanation of any significant variations between years. DFES reserves the right to seek clarification or additional details supporting the information above.

DO NOT CHANGE THE LAYOUT OF THIS FORM

NON-RECURRENT EXPENDITURE JUSTIFICATION

FORM 7

Local Government Name: SHIRE OF WAGIN

Please Tick Box: Bush Fire Brigade(s) State Emergency Service Unit(s)

(Complete one form for BFB in AGGREGATE and a separate form for SES in AGGREGATE.)

JUSTIFICATION NON-RECURRENT EXPENDITURE - Supporting Information	2022/23 Budget
9. Purchase of Plant and Equipment \$1,500 to \$5,000 (Quotes must be provided)	(\$)
Item: 2 X Thermal Imaging Camera - Flir K2 Personal TIC Brigade/Unit: 1 x Piesseville and 1 x Wedgecarrup Brigade Reason: Previous incident of fires reigniting due to not having the capacity on board to inspect prior to departure	\$2,784.38 each
Item: Brigade/Unit: Reason:	
TOTAL - Purchase of Plant and Equipment (\$1,500 to \$5,000)	\$0

All figures are to be GST EXCLUSIVE.

Note: If insufficient space, please provide information in above format on a separate attachment.

DO NOT CHANGE THE LAYOUT OF THIS FORM

FIRE & SAFETY WA

ACN No: 123 850 322 ■ 96 Furniss Rd., Landsdale WA 6065 ■ TEL: (08) 9302 3210 ■ FAX: (08) 9302 6110

ABN No: 88 123 850 322 ■ PO Box 128, Kingsway WA 6065 ■ Email: firewa@fireandsafetywa.com.au



QUOTE

QUOTE TO:

SHIRE OF WAGIN
2 ARTHUR ROAD

WAGIN WA 6315

DELIVER TO:

SHIRE OF WAGIN
2 ARTHUR ROAD

WAGIN WA 6315

CUSTOMER No.	SHI690	CUST ORDER No	
EXPIRY DATE	12-03-22	QUOTE DATE	10-02-22
PAGE	1		
QUOTE No	21235	ABN No	84132233744

INVENTORY	DESCRIPTION	QTY	UNIT PRICE	UNIT	GST VALUE	TOT INC. GST
FLIRTICK2	THERMAL IMAGING CAMERA K2	1	2531.25	EA	253.13	2784.38
FLIRTICK1	FLIR K1 THERMAL IMAGING CAMERA	1	1282.25	EA	128.23	1410.48
	PRICE EXCLUDES LOCAL FREIGHT					
	MANY THANKS BMI					
TERMS: Will be Strictly30 Days Nett From Date of Invoice						
TOTAL INC. GST						4194.86



PERSONAL TIC

FLIR K2™

The FLIR K2 is a rugged, reliable, and economical thermal imaging camera specially designed for firefighting applications and severe conditions. This camera displays 160 × 120 pixel thermal images that help firefighters gain additional situational awareness that is not possible with the naked eye. It features Multi-Spectral Dynamic Imaging (MSX®), an easy-to-use button, and the ability to operate in temperatures up to 500°C. The FLIR K2 Situational Awareness TIC is a small investment that pays big dividends – saving lives, protecting property, and ensuring firefighter safety.

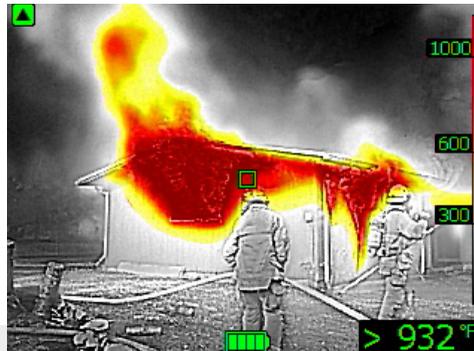
www.flir.com/K2



COMPACT, RUGGED, AND EASY TO USE

Simple, single-button glove-friendly control; straightforward operation

- Compact and lightweight enough to carry anywhere or attach to your gear
- Water resistant (IP67) and rugged enough to withstand a 2-meter drop onto concrete
- Fully operational at temperatures up to 500°F/260°C (max. 3 minutes)



MULTIPLE IMAGE MODES

Greater visibility allows fire crews to create a better plan of attack

- Set the camera to one of seven imaging modes depending upon primary use
- MSX® image enhancement adds edge detail to scenes, helping firefighters identify structures and surroundings
- Change image modes easily using free, downloadable FLIR Tools® software



ENHANCED SITUATIONAL AWARENESS

High-quality imaging can be standard issue for every firefighter

- Displays 160 × 120 thermal pixel resolution images on a bright 3" screen
- Increases safety in low visibility environments with crisp thermal imaging
- Affordable enough to have a Situational Awareness TIC for each rear seat

SPECIFICATIONS

Thermal imaging and optical data	
IR resolution	160 × 120 (19,200 pixels)
Refresh rate	9 Hz
Thermal sensitivity/NETD	<100 mK @ 86°F (30°C)
Field of view (FOV)	47° × 35°
Focal plane array	Uncooled microbolometer, 7.5–13 μm
Start-up time	<30 sec (IR image, no GUI)
Visual camera data	
Built-in digital camera	640 × 480 (307,200 pixels)
Field of view (FOV)	73° × 61°, adapts to IR lens
Sensitivity	Minimum 10 lux
Image presentation	
Display	320 × 240 pixel, 3 in backlit LCD
Auto-range	Auto, non-selectable
Image modes (switch in FLIR Tools®)	Basic firefighting (default); Black-and-white firefighting; Fire; Search-and-rescue; Heat detection; Cold detection; Building analysis mode
Multi Spectral Dynamic Imaging (MSX®)	Yes
Measurement	
Object temperature range	-4°F to 302°F (-20°C to 150°C); 32°F to 932°F (0°C to 500°C)
Accuracy	±7.2°F (±4°C) or ±4% of reading for ambient temperature 50°F to 95°F (10°C to 35°C)
Spotmeters	1

Isotherm	Yes
Automatic heat detection	Heat-detection mode (hottest 20% of scene is colorized)
Data transfer and compatibility	
USB type	USB micro-B
Interfaces	Update from PC devices
Compatibility	Works with FLIR Tools software
General	
Operating temperature range	14°F to 131°F (-10°C to 55°C) – infinity; 185°F (85°C) – 15 minutes; 302°F (150°C) – 10 minutes; 500°F (260°C) – 3 minutes
Storage temperature range	-40°F to 158°F (-40°C to 70°C)
Battery type and voltage	Li-ion, 3.6 V rechargeable
Battery operating time	Approximately 4 hours at 77°F (25°C) and with typical use
Charging time	2.5 h to 90% capacity
Power management	Automatic shutdown and sleep mode
Encapsulation	IP 67 (IEC 60529)
Drop	6.6 ft (2 m)
Weight w/ battery	1.54 lbs (0.7 kg)
Size (L × W × H)	9.8 × 4.1 × 3.5 in (250 × 105 × 90 mm)
Tripod mount	UNC 1/4"-20
Package contents	
K2 camera, 2 batteries, battery charger, lanyard strap, power supply, printed documentation, USB cable	



CORPORATE
HEADQUARTERS
FLIR Systems, Inc.
27700 SW Parkway Ave.
Wilsonville, OR 97070
USA
PH: +1 877.773.3547

NASHUA
FLIR Systems, Inc.
9 Townsend West
Nashua, NH 03063
USA
PH: +1 866.477.3687

CANADA
FLIR Systems, Ltd.
3430 South Service Road
Suite 103
Burlington, ON L7N 3T9
Canada
PH: +1 800.613.0507

LATIN AMERICA
FLIR Systems Brasil
Av. Antonio Bardella, 320
Sorocaba, SP 18085-852
Brasil
PH: +55 15 3238 8070

www.flir.com
NASDAQ: FLIR

Equipment described herein may require US Government authorization for export purposes. Diversion contrary to US law is prohibited. Imagery for illustration purposes only. Specifications are subject to change without notice. ©2019 FLIR Systems, Inc. All rights reserved.

19-0238-INS





8. GENERAL BUSINESS

8.1 REQUEST FOR WATER TANK AT WAGIN AIRFIELD

The request arose for the requirement of a Water Tank situated at the Wagin Airfield for refuelling purposes. In September 2020, the then Executive Assistant now Deputy CEO, submitted a Regional Airport Development Scheme application for the 2021/23 funding round for the 'Installation of a Water Bombing Refuelling Station at the Wagin Airfield'. This application was for the construction of a 110,000L Water Tank and estimated to cost \$55,164.

Consideration of this application by the Department of Transport (funding body) found that after consultation of other airfield nearby, that there was no requirement for the proposed water tank as there is two refuelling stations located in close proximity (Narrogin and Katanning airfields).

A copy of the funding application and the supporting documents are attached as a reference.



Regional Airports Development Scheme 2021-23 Application Form

Applications for the 2021-23 Regional Airports Development Scheme funding round must be received by
5:00pm WST on Friday 7 August 2020

Before completing the Application Form

Read the RADS Grant Guidelines available at www.transport.wa.gov.au/rads

Confirm you are able to meet the eligibility criteria below.

Completing the Application Form

Provide all information requested in the Application Form.

Submitting the Application Form

Before submitting the RADS Application Form, review the Checklist and ensure all supporting documentation is included in the application.

Submit your completed application form (Excel format only) along with supporting documentation, by e-mail to rads@transport.wa.gov.au.

Eligibility Criteria

Applicant is the airport owner or leaseholder;

Applicant has an Australian Business Number;

Airport is located in Western Australia;

Airport is accessible to the public;

Finance is available for ongoing maintenance of the airport;

The project is unable to proceed without grant funding;

The project will provide public benefit;

All RPT airports applying for RADS funding will require a commitment to develop a Strategic Airports Asset and Financial Management Framework (Framework). Please contact DoT on 08 6551 6196 for further information.

Please note DoT will fund the development of your Framework;

Where the airport is located on land owned or managed by the Aboriginal Affairs Planning Authority (AAPA) or Aboriginal Lands Trust (ALT) The applicant is responsible for ensuring that they have complied with the ALT land use and development policy (for information, contact the Department of Planning, Lands and Heritage (DPLH) on 08 6551 8002);

It is the responsibility of the applicant to comply with any requirements under the Native Title Act 1993 (Cth), the Aboriginal Affairs Planning Authority Act 1972 (WA), the Aboriginal Heritage Act 1972 (WA) and the Aboriginal and Torres Strait Islander Heritage Protection Act 1984 (Cth);

For the purposes of verifying the existence and extent of the approvals referred to above, the Department of Transport may share the information in this application with other government departments and agencies, statutory bodies and others.



Airport Owner

Name <i>(include salutation)</i>			
Position title			
Organisation	Shire of Wagin		
Street Address	2 Arthur Road		
Town/Suburb/State/Postcode	WAGIN WA 6315		
Postal Address	PO Box 200, WAGIN WA 6315		
Phone/Mobile/Fax	(08) 9861 1177		
E-mail	ea@wagin.wa.gov.au		
ABN	84 132 233 744		
Organisation's legal status	Local Government		
Primary purpose of organisation	Local Government		

Applicant

The applicant is the airport owner	If yes, go to Project Contact		
Name <i>(include salutation)</i>			
Position title			
Organisation			
Street Address			
Town/Suburb/State/Postcode			
Postal Address			
Phone/Mobile/Fax			
E-mail			
ABN			
Organisation's legal status			
Primary purpose of organisation			

NB: Please provide written permission from the airport owner if the applicant is the leasehold owner.

Project Contact

The project contact is the applicant	If yes, go to Airport Details		
Name <i>(include salutation)</i>	Mrs. Emily Edwards		
Position title	Executive Assistant		
Organisation	Shire of Wagin		
Street Address	2 Arthur Road		
Town/Suburb/State/Postcode	WAGIN WA 6315		
Postal Address	PO Box 200, WAGIN WA 6315		
Phone/Mobile/Fax	08 9861 1177		
E-mail	ea@wagin.wa.gov.au		



Airport Details

Name	Wagin Airstrip
Region	Wheatbelt
Address	Giles Street, WAGIN WA 6315
Latitude Coordinates	33.18.49.50 S
Longitude Coordinates	117.21.31.30 E
PAX in last financial year	
Runway length (m)	1200m
Runway surface	Sealed
Airport category	Certified
Aircraft landing fees (ex GST)	Nil
Total Airport Revenue in last financial year	Nil
Total Airport Net Income in last financial year	\$18,253.75
Nearest RPT airport	Albany
Distance to nearest RPT airport by road (km)	211.7KM
Is the community serviced by other forms of RPT?	Yes
What are the other RPT services? (e.g. TRANSWA Coach service)	TransWA Coach Service
What is the main road connecting the community to the nearest RPT airport?	Great Southern/Albany Highway
Condition of main road	Sealed
Number of days the road is unavailable annually	0
Resident population	1,358



Project Summary

Project description (<i>include all works to be undertaken</i>)	Installation of a Water Bombing Refuelling Station at Wagin Airstrip.
Project category	Grounds development

Needs Analysis

Why are the works required? (<i>e.g. meet operational requirements, CASA standards</i>)	The need for the Water Bombing Refuelling Station has been identified by locals and supported by the Shire of Wagin Councillors.
Explain why the project could not be undertaken without RADS funding. Grant requests greater than 50% require strong justification.	A budget provision in the Shire of Wagin 2020/21 Annual Budget for the entire project is not allocated and the requirement has been identified for the need for the water bombing refuelling station. Council decision on the 25-50% contribution has been made as resolution of the July 2020
How will the project improve regional air services and/or safety for the benefit of the community?	This project will improve the effectiveness of any firefighting efforts in the region. With the ability to land and refuel with water at the Wagin Airstrip
How does the project integrate with wider community plans?	The project will support all Local Emergency Management plans in place for current fire fighting capability.
Describe details of any environmental issues that may arise from this project	

COVID-19 Stimulus Initiative eligibility

How will the project support WA regional employment?	Regional employment will greatly benefit from the entire project. From inclusion of farmers, community groups and the bigger
During construction/development how will regional businesses be involved?	Construction of the tank, the outsourcing of
Will the project be completed prior to 31 December 2021?	Yes, construction would commence on security of grant funding.

Airport Planning (*for RPT Airports only*)

Does the airport have a Master Plan? (<i>mandatory for RPT airports only if seeking funding for infrastructure projects to enable increased operational capacity</i>)	
Has this project been identified in the Master Plan?	
Have you contacted DoT to discuss the development of a Strategic Airports Asset and Financial Management Framework as part of your application?	



External Funding

Is the project seeking funding from other sources?	Local Government	If Other, please describe:	
--	------------------	----------------------------	--

Funding Sought

Project Description	Applicant		RADS	Commonwealth	Other	Total (ex GST)
	Cash	In-kind				
Water Bomber Refuelling Station	\$ 13,791		\$ 41,373			\$ 55,164

The applicant acknowledges if the COVID-19 Stimulus Initiative criteria for a 75 per cent RADS contribution cannot be met and demonstrated at the completion of the project, the RADS grant contribution will be reduced to 50 per cent funding for the project and the applicant must match a 50 per cent funding contribution.

Financial Breakdown

Activity description	Cost (ex GST)				
	Applicant	RADS	Commonwealth	Other	Total
Pioneer Water Tank CT110 (installed)		\$ 8,451			\$ 8,451
Relocation of Fence around airfield		\$ 5,000			\$ 5,000
Hard Stand and Hangar Pad 1650m2		\$ 15,692			\$ 15,692
Taxi Way 1680m2	\$ 2,770	\$ 12,230			\$ 15,000
Tank Sand Pad	\$ 1,000				\$ 1,000
300mm Culvert and head walls	\$ 1,980				\$ 1,980
50mm blue line (6x 150mtr rolls)	\$ 2,433				\$ 2,433
Blue Line fittings	\$ 383				\$ 383
Camlock fittings	\$ 100				\$ 100
Layflat Hose 65mm	\$ 125				\$ 125
Petrol Pump 65mm	\$ 3,000				\$ 3,000
Storage Unit	\$ 2,000				\$ 2,000
TOTAL	\$ 13,791	\$ 41,373	\$ -	\$ -	\$ 55,164

NB: Please provide copies of written quotes, estimates of time and hourly rates etc.

Project Related Maintenance

Maintenance activities	Upkeep of tank and pipework associated with dam and pumping equipment. Maintenance of hoses and tank equipment. Ongoing water level checks and back filling from Putanin Dam
Estimated annual cost	
How will the cost be met in the future?	All other ongoing maintenance cost to be met by the Local Government.

Project Schedule

Proposed project start date	01-Sep-20
Proposed project completion date	30-Jun-21

Milestones (List major milestones. E.g. Tenders called, contractors appointed, on-site works commenced etc.)	Commencement date	Completion date
Groundwork prep/Culvert & Headwa	01-Sep-20	30-Jun-21
Relocation of current fence	01-Sep-20	30-Jun-21
Hardstand and Hangar Pad install	01-Sep-20	30-Jun-21
Installation of Water Tank	01-Sep-20	30-Jun-21
Install of Storage Unit for pumping	01-Sep-20	30-Jun-21
Install of pump/pipeline from Dam	01-Sep-20	30-Jun-21



Checklist

Does the project meet the COVID-19 Stimulus Initiative eligibility criteria?	Yes
If the COVID-19 Stimulus Initiative criteria cannot be met and demonstrated at the completion of the project, the applicant has the capacity to match a 50 per cent funding contribution of the total project cost	Yes
Certificate of Title (<i>mandatory</i>)	Yes
Master Plan (<i>mandatory for RPT airports only if seeking funding for infrastructure projects to enable increased operational capacity</i>)	No
Have you contacted DoT to discuss the development of a Strategic Airports Asset and Financial Management Framework as part of your application? (<i>RPT airports only</i>)	No
Airport Income and Expenditure Statement for the last financial year (<i>mandatory for RPT airports</i>)	No
Written permission of the airport owner (or, where relevant, permission from the management body for the land under the Land Administration Act 1997 or other legislation) for the proposed project to proceed, if the applicant is not the owner (<i>mandatory</i>)	Yes
Written confirmation of compliance with the ALT land use and development policy, where the airport is situated on land owned or managed by the AAPA or the ALT (<i>mandatory</i>)	Yes
Quotes for proposed works	Yes
Letters of support (<i>maximum 3</i>)	Yes



9. CLOSURE