

# ORF-RE Round 11 Budgeting Info Session





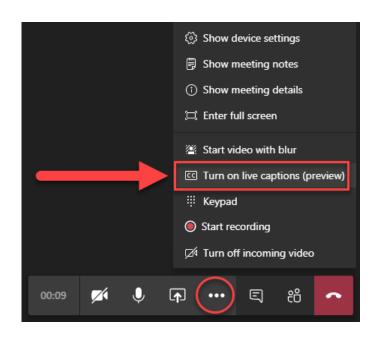
### **Land Acknowledgement**

We wish to acknowledge this land on which the University of Toronto operates. For thousands of years, it has been the traditional land of the Huron-Wendat, the Seneca, and most recently, the Mississaugas of the Credit River. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.



### **Housekeeping and Accessible Participation**

- Please mute your audio and turn off your video
- We will be recording today's session
- We will have time for questions at the end of each section. Please type your questions into the chat box.
- To turn on captioning, go to your meeting controls and select "More " options"
- Slides and recording will be shared following the session





# **ORF-RE Info Session Agenda**

- 1. Brief Program Overview
- 2. Funding Formula/Budget
- 3. Eligible/Ineligible Expenses
- 4. Matching Sources
  - i. What is Institutional Matching?
  - ii. What is Private Sector Matching?
- 5. Internal Budget Template
- 6. Example Budget Scenario



# **Your Budgeting Support Team**

**Kevin Hamilton (Director, Institutional Initiatives)** 

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### **ORF-RE Round 11**

The ORF-RE Round 11 has two application streams:

Stream 1: General – Basic and Applied Research

- \$500,000 to \$2,000,000 (Ontario portion)
- Up to 5 years

Stream 2: Targeted – Experimental Research

- \$300,000 to \$1,000,000 (Ontario portion)
- Up to 4 years



### **Submission Deadlines**

#### Three-stage process:

- 1. U of T Internal Notice of Intent to RSO Dec 10, 2021
- 2. Full Application
  - <u>Draft</u> internal deadline: **February 11, 2022** 
    - Draft full application (Word version)
    - Internal budget template
    - Letters of Support
    - MRA Required (<a href="http://aws.utoronto.ca/services/my-research-mr/">http://aws.utoronto.ca/services/my-research-mr/</a>)
    - Review & feedback within three weeks
- 3. Final internal deadline to RSO: March 16, 2022
  - RSO submission to sponsor: March 21, 2022

All documents should be submitted to orf@utoronto.ca.



# **Funding Formula**

- ORF-RE = direct operating costs + indirect cost (@ 40%)
- Normally 1/3 ORF-RE + 1/3 "institution" + 1/3 private sector (PSP)
- A "blended" funding proportion may be ORF-RE 1/3 + 2/3 institution/PSP/other
  - Where there is less than 1/3 PSP, the partnership and benefit between the applicant and the PSP and/or other partners should be clearly outlined in the application
- Budget should be projected based on expected spending profile (i.e., not divided equally over # of years)



# **Eligible Direct Costs**

- Salaries and Benefits: claimed in proportion to the time spent working on the project (i.e. PI time)
  - ORF Funding can be used to cover up to \$20K per graduate student (MSc, PhD), per year, and \$50K per postdoc, per year
- Facilities and Equipment: maximum of up to 10% of total direct costs
  - Research equipment: supplies, computer and communication equipment as well as software, staff training, operations and maintenance (excludes indirect costs like electricity and insurance)
  - cost of renovations or alterations to existing space directly related to the research project
  - leased space, or institutional contributions of space when that space is newly developed, renovated, refurbished or leased



# **Eligible Direct Costs**

- Management and Administration: maximum of up to 10% of total direct costs
  - Management Salary
  - Management Other (required audits, supplies, expenses, etc.)
- Other Direct Research Costs
  - Such as consumable supplies, reagents, costs for dissemination of research results, travel, seminars, consulting, safety related expenses, etc.
- Technology transfer/commercialization expenses
  - Consulting fees to develop IP, market investigations, IP protection/management
- Required to have a plan for youth engagement/outreach activities (may use up to 1% of the ORF portion to undertake annual youth science and technology outreach activities)



# **Ineligible Direct Costs**

#### Found on p.7 of Guidelines

- Costs related to proposal development
- Fee for use of equipment owned by the institution, unless such fees are charged to all institutional users based on a published schedule
- Costs related to existing facilities infrastructure improvements, not specifically related to the proposal
- Opportunity costs
- Any items or services not directly related to the project
- Costs associated with litigation
- Alcohol costs at hospitality events



# **Eligibility of Expenditures**

**Earliest Start Date** = September 28, 2021 (competition announcement)

#### **Eligible dates:**

- Cash = can be received as early as March 21, 2021 or later, however not spent prior to September 28, 2021
- In kind = September 28, 2021



### **Institutional Contributions**

- Commonly includes Tri-Agency awards, PI time, CRC, foundations, private donations, non-infrastructure cost of CFI (i.e. IOF funds)
  - Examples: % of PI time on the project, NSERC, CIHR, SSHRC, departmental student support, Genome Canada, Bill and Melinda Gates Foundation, Heart & Stroke Foundation, etc.
- Must include indirect costs totaling 40% of the direct costs of institutional cash + 40% of PSP in-kind direct contributions (to be discussed further in later slides)



### **Private Sector Partners**

- Cash and/or in-kind
  - PSP Cash must include 40% for indirect costs
- PSP can be
  - for-profit businesses
  - not-for-profit research institutes funded primarily by business
  - outside of Ontario is allowed with clear benefits to Ontario
  - company portion of NSERC Alliance (CRD, IRC)
- PSP dollars already used to match Ontario grants cannot be used as matching for the ORF-RE Round 11 (no "doubledipping")

Researcher-owned sole proprietorships are not eligible and other relationships must be fully disclosed.



# Questions

Questions on funding formula and eligible contributions?

Please type your questions into the chat box.





# Internal Budget Template (IBT)

Enter information on the worksheets titled:

- PI Name Tab (UT Budget)
- Partner 1/2/3 (if applicable)
- Institutional Direct
- PSP Details

All other tabs will auto-fill



# **Understanding the IBT**





# PI Name(s) Tab

"PI Name Tab" is broken down by:

PI's Private Sector; PI's Institutional; Their share of the ORF-RE Funds.

				PILasi	tname - I	Iniversitu	of Toronto	Internal F	Budget Te	molate f	or ORF-R	F Bound	10						
		Private 9	Sector - 3	3% of tota					onal - 33%				Ī		DRF-RE - 1	33% of TP	c		
CASH	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	Year 3 April 2022- March 2023	Year 4 April 2023- March 2024	Year 5 April 2024- March 2025	Totals	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	Year 3 April 2022- March 2023	Year 4 April 2023- March 2024	Year 5 April 2024- March 2025	Totals	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	Year 3 April 2022- March 2023	Year 4 April 2023- March 2024	Year 5 April 2024- March 2025	Totals	Grand Totals
Facilities & Equipment	1			- V			i		5 1			S X				- 6		N 1	
Research Equipment Use					(c)	\$0		0	9- 9			\$0					0	\$0	\$
Computing Network						\$0	- 1		3 - 2			\$0	0			- 1		\$0	\$
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Personnel						0.00			8 - 78	- 9		3 7 7	** \$					1	
Principal Investigator					§	\$0			1			\$0	8				§	\$0	\$
Co-PI			8			\$0	10		3 : 3		1	\$0	0		60 6	- 33		\$0	*
Post Doctoral Fellows						\$0			3			\$0	8					\$0	\$
Grad students/postdocs				- 8		\$0	- 3					\$0				- 3		\$0	\$
Technicians	1					\$0			9 3	3		\$0	3.					\$0	*
other (specify)						\$0						\$0				- 3		\$0	\$
Subtotal B	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Research Costs																			
Supplies/Materials	1					\$0			8 8			\$0	- 3				0	\$0	\$
Travel						\$0						\$0				- 5		\$0	\$
Youth Outreach						\$0						\$0					9	\$0	\$
user fees				- 5		\$0	- 5					\$0				2		\$0	*
Subtotal C	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Management Costs									1 - 19										
Salary/benefits						\$0						\$0	9					\$0	\$
Office supplies						\$0				- 6		\$0	- 1					\$0	\$
Travel						\$0			3 2			\$0	9					\$0	*
Other (Specify) BDO						\$0				- 8		\$0	- 15					\$0	\$
Audit	9	2	7		1	\$0						\$0						\$0	*
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
Cash Contributions to Indirect Costs (E)	\$0	\$0	\$0	\$0	\$0	\$0							\$0	\$0	\$0	\$0	\$0	\$0	\$
TOTAL CASH (A+B+C+D+E)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$
IN-KIND															100				
Facilities & Equipment										- 0									
Research Equipment						\$0	100					\$0							4
Computing Network						\$0		8				\$0					7	8	\$
Subtotal F	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0								\$
Personnel	1			•			-				-						2		
Principal Investigator				8		\$0	8					\$0							\$
Co-Pis						\$0		7/		- 7		\$0					2	6. 8	\$
Post Doctoral Fellows						\$0				- 3		\$0							\$
Grad students						\$0		9		- 1		\$0	- 3		3		(		\$
Technicians						\$0				- 3		\$0						8	*
Engineers	7					\$0		9				\$0					8		\$
Subtotal G	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0						8 8	\$
Research Costs													- 3						
Supplies/Materials						\$0			3	- 8		\$0							- 1
Travel						\$0				- 8		\$0	- 3					( )	*
Commercialization						\$0			3	- 8		\$0	- 3						\$
Subtotal H	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0							\$
Management Costs				- 1															Ĭ.
Salary/benefits						\$0			100	- 0		\$0	1 0					8	\$
Office supplies						\$0	39			9. 21		\$0				- 8			*
Travel						\$0			1 25	0		\$0	0					- 2	\$
				1.0	(	\$0				1,000		\$0				- 3			\$
other (specify)	\$0	\$0	\$0	\$0	\$0		\$0	\$0	\$0	\$0	\$0					28			\$
							-					-							
other (specify) Subtotal I In kind Contributions to Indirect	1																	100	
Subtotal I							\$0	\$0	\$0	\$0	\$0	\$0							<b>\$</b>
Subtotal I In kind Contributions to Indirect	\$0	\$0	\$0	\$0	\$0	\$0		\$0 \$0		\$0 \$0									•



# **Institutional Direct**

- Institutional Contributions are considered Cash as it is transactions in the UT financial system
- Shows source(s) of institutional matching funds (e.g. Sponsor, Fund #, CFC, timing, etc.)

1				Insert Source	e #1 name		
2	CASH	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	Year 3 April 2022- March 2023	Year 4 April 2023- March 2024	Year 5 April 2024- March 2025	Totals
3	Facilities & Equipment						
4	Research Equipment						\$0
5	Computing Network						\$0
6	Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0
7							
8	Principal Investigator						\$0
9	Co-Pl						\$0
10	Post Doctoral Fellows						\$0
11	Grad students/postdocs						\$0
12	Technicians						\$0
13	other (Research Assist,Sys Admin)						\$0
14	Subtotal B	\$0	\$0	\$0	\$0	\$0	\$0
	Research Costs						
16	Supplies/Materials						\$0
17	Travel						\$0
18	Youth Outreach						\$0
19	User fees						\$0
	Subtotal C	\$0	\$0	\$0	\$0	\$0	\$0
21	Management Costs						00
22	Salary/benefits						\$0 \$0
23	Office supplies Travel						\$0
24							\$0
25	Other (Specify) Audit	-					\$0
26 27	Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0 \$0
27	Subtotal D	\$0	\$0	ψU	ŞU	\$0	ψU
	TOTAL CASH (A+B+C+D+E)	\$0	\$0	\$0	\$0	\$0	\$0
	TOTAL CASH & IN-KIND	\$0		\$0	\$0	\$0	\$0

59		% of time	salary/benefits	total annual
60	PI time - Firstname Lastname			-
61	Co-PI time			
62	Firstname Lastname, dept/institution			ı
63	Firstname Lastname, dept/institution			-
64	Firstname Lastname, dept/institution			-
65	Firstname Lastname, dept/institution			-
66	Firstname Lastname, dept/institution			-
67	Total			-



### **PSP Details Tab**

		(	Enter Par	tner Nam	e)	
CASH	Year 1	Year 2	Year 3	Year 4	Year 5	Totals
Facilities & Equipment						
Research Equipment Use	1					
Computing Network						
Subtotal A	\$0	\$0	<b>\$</b> 0	<b>\$</b> 0	\$0	
Personnel						
Principal Investigator	<b>T</b>					
Co-Pl						
Post Doctoral Fellows						
Grad students/postdocs						
Technicians						
Other (specify)						
Subtotal B	\$0	\$0	\$0	\$0	\$0	- 1
Research Costs	***	*0	*0	*0	***	
Supplies/Materials						
Travel						
Youth Outreach						
other ( <i>specify</i> )	\$0					
Subtotal C	\$0	\$0	\$0	<b>\$</b> 0	\$0	
Management Costs						
Salary/benefits						:
Office supplies						
Travel						
Other ( <i>specify</i> )						
Audit						
Subtotal D	\$0	\$0	<b>\$</b> 0	<b>\$</b> 0	\$0	*
Cash Contributions to Indirect						
Costs E	\$0	\$0	\$0	\$0	\$0	
TOTAL CASH (A+B+C+D+E)	\$0	\$0	<b>\$</b> 0	<b>\$</b> 0	<b>\$</b> 0	\$
IN-KIND						
Facilities & Equipment	<u> </u>					
Research Equipment	<b>i</b>					
Computing Network						
Subtotal F	\$0	\$0	\$0	\$0	\$0	\$
Personnel	+**	*0	*0	*0	***	
Principal Investigator	<del>                                     </del>					
Co-Pis						
Post Doctoral Fellows						
Grad students						
Technicians	$\vdash$					
Other (specify)	<b>-</b>					
Subtotal G	\$0	\$0	\$0	\$0	\$0	
Research Costs						
Supplies/Materials						
Travel						
Other ( <i>specify</i> )						:
Subtotal H	\$0	\$0	\$0	<b>\$</b> 0	<b>\$</b> 0	1
Management Costs						
Salary/benefits						:
Office supplies						;
Travel						:
Other (specify)						
Subtotal I	\$0	\$0	\$0	\$0	\$0	- 4
In kind Contributions to	***	+0	+0	+0	+0	
In kind Contributions to Indirect Costs (J)						
Indirect Costs (J) TOTAL IN KIND (F+G+H+I+J)					4	
TO THE REPORT OF THE PROPERTY	l \$0	<b>\$0</b>	\$0	<b>\$</b> 0	<b>  \$</b> 0	1
TOTAL CASH & IN-KIND	\$0	\$0	\$0	<b>\$</b> 0	<b>\$</b> 0	

- Shows the Cash and/or In-Kind Contribution from all Private Sector Partners
- Overhead should be 40% of Cash Contributions from PSP
  - 40% of In-Kind Contributions from Companies are counted towards the Institutional Contribution (discussed in later slides)
- The numbers in your PSP
   Details should match the
   numbers in your Company
   Letters of Support



### Tabs that will Auto-Fill

#### **Total Budget**

- This tab will show the summary of expenses broken down by Year, Cash/In-Kind, and PSP/Institutional/ORF-RE
- Use this tab to ensure that your ORF-RE ask is 33% of total budget, and your equipment & management costs do not exceed 10% (each)

#### **Consolidated Detailed Budget**

 This tab will show the summary of expenses broken down by Year and Cash/In-Kind only

#### **Project Budget Section 9 (Stream 1) or Section 10 (Stream 2)**

- This tab will show the summary of expenses as laid out in the budget table for your Application (Section 9 or 10). Expense categories are:
  - Personnel, Facilities & Equipment, Other Direct Research Expenses, Management and Administration, and Overhead



# Questions

Questions on the internal budget template? Please type your questions into the chat box.





# An Example Budget Scenario...





ORF-RE Round 11 application is \$3M project

PSP	Institutional	ORF
Company1 is contributing both Cash (\$100K for supplies/consumables, plus 40% for Indirect Costs) and In-Kind (0.5 FTE Technician, 1 FTE Engineer Time, Equipment Contribution and Management Time)	<ul> <li>Prof. X is spending 20% of their time on this project</li> <li>Prof. Y is the Co-PI and spending 10% of time on this project</li> <li>Will be using CIHR grants as matching</li> </ul>	Asking for ~\$1 Million to hire students, pay for a project manager, and other costs required for this project

Let's start with the "known" PSP Contributions...



# **PSP Details Tab - Cash**

			Comp	any 1		
CASH	Year 1	Year 2	Year 3	Year 4	Year 5	Totals
Facilities & Equipment						
Research Equipment Use						\$0
Computing Network						\$0
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0
Personnel						
Principal Investigator						\$0
Co-PI						\$0
Post Doctoral Fellows						\$0
Grad students/postdocs						\$0
Technicians						\$0
Other (specify)						\$0
Subtotal B	\$0	\$0	\$0	\$0	\$0	\$0
Research Costs						
Supplies/Materials	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Travel						\$0
Youth Outreach						\$0
other (specify)	\$0					\$0
Subtotal C	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Management Costs						
Salary/benefits						\$0
Office supplies						\$0
Travel						\$0
Other (specify)						\$0 \$0
Audit						\$0 \$
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$4
Cash Contributions to Indirect						<b>*</b>
Costs E	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	\$40,000
	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$140,000

\$100K for Supplies/Consumables

Note that Cash contributions from private sector partners should include 40% in indirect costs



### **PSP Details Tab – In Kind**

\$55,000					\$55,000	
					\$0	,
\$55,000	\$0	\$0	\$0	\$0	\$55,000	
					\$0	
					\$0	
					\$0	
					\$0	
\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000	
\$120,000	\$120,000	\$120,000	\$120,000	\$120,000	\$600,000	
\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$750,000	
					\$0	
					\$0	
					\$0	
\$0	\$0	\$0	\$0	\$0	\$0	
\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	
			<u> </u>		\$0	
			Ī		\$0	
					\$0	
\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	
\$215,000	\$160,000	\$160,000	\$160,000	\$160,000	\$855,000	
\$243,000	\$188,000	\$188,000	\$188,000	\$188,000	\$995,000	
	\$55,000 \$30,000 \$120,000 \$150,000 \$10,000 \$215,000	\$30,000 \$30,000 \$120,000 \$120,000 \$150,000 \$150,000 \$150,000 \$150,000 \$10,000 \$10,000 \$215,000 \$160,000	\$55,000 \$0 \$0  \$30,000 \$30,000 \$30,000 \$120,000 \$120,000 \$120,000 \$150,000 \$150,000 \$150,000  \$0 \$0 \$0 \$0  \$10,000 \$10,000 \$10,000  \$215,000 \$160,000 \$160,000	\$55,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$55,000 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0	\$55,000 \$0 \$0 \$0 \$0 \$0 \$55,000  \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$55,000  \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0  \$0 \$0 \$0 \$0 \$0 \$0  \$0 \$0 \$0 \$0 \$0 \$0  \$30,000 \$30,000 \$30,000 \$30,000 \$30,000 \$150,000  \$120,000 \$120,000 \$120,000 \$120,000 \$120,000 \$600,000  \$150,000 \$150,000 \$150,000 \$150,000 \$150,000 \$750,000  \$0 \$0 \$0 \$0 \$0 \$0 \$0 \$0  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$0 \$0 \$0 \$0 \$0 \$0 \$0  \$0 \$0 \$0 \$0 \$0 \$0 \$0  \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000  \$10,000 \$10,000 \$10,000 \$10,000 \$10,000 \$50,000

Equipment Contribution in Year 1

0.5 FTE Technician1 FTE Engineer

Management Time

Note that we cannot count in-kind contributions towards indirect costs. This is rolled over to the Institutional Contributions



### **PSP Details – Total Contribution**

 Company is contributing a total of \$995,000 over the 5 years of the project

Name of Private Sector	Cash	In-Kind	Overhead	TOTAL	Timing
Company 1	\$100,000	\$855,000	\$40,000	\$995,000	Years 1-5
	\$0	\$0	\$0	\$0	
	\$0	\$0	\$0	\$0	
	\$0	\$0	\$0	\$0	
	\$0	\$0	\$0	\$0	



### **Institutional Direct Tab**

Institutional Matching Source Information (in this case CIHR)

	CIH	R Operating (	Grant (Fund	50002, CFC 2	200002, CC 12	234)	CIHR	Operating G	Frant (Fund 5	50003, CFC 2	00003, CC 12	34)
CASH	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	March	Year 4 April 2023 March 2024	Year 5 April 2024- March 2025	Totals	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	Year 3 April 2022- March 2023	Year 4 April 2023- March 2024	Year 5 April 2024- March 2025	Totals
Facilities & Equipment												111
Research Equipment						\$0						\$0
Computing Network						\$0				7/		\$0
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Personnel												
Principal Investigator						\$0						\$0
Co-Pl						\$0						\$0
Post Doctoral Fellows	\$12,500	\$12,500	\$12,500	\$12,500		\$50,000						\$0
Grad students/postdocs						\$0	\$18,000	\$18,000	\$18,000			\$54,000
Technicians						\$0						\$0
other (Research Assist, Sys Admin)						\$0						\$0
Subtotal B	\$12,500	\$12,500	\$12,500	\$12,500	\$0	\$50,000	\$18,000	\$18,000	\$18,000	\$0	\$0	\$54,000
Research Costs												
Supplies/Materials	\$21,000	\$21,000	\$21,000	\$21,000		\$84,000						\$0
Travel	\$1,500	\$1,500	\$1,500	\$1,500		\$6,000	100					\$0
Youth Outreach						\$0						\$0
User fees						\$0			100			\$0
Subtotal C	\$22,500	\$22,500	\$22,500	\$22,500	\$0	\$90,000	\$0	\$0	\$0	\$0	\$0	\$0
Management Costs									, , , , , , , , , , , , , , , , , , , ,			
2 Salary/benefits		*			-	\$0						\$0
3 Office supplies						\$0						\$0
4 Travel						\$0						\$0
5 Other (Specify)						\$0	-1 03					\$0
ε Audit						\$0				8		\$0
7 Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
28												
TOTAL CASH (A+B+C+D+E)	\$35,000	\$35,000	\$35,000	\$35,000	\$0	\$140,000	\$18,000	\$18,000	\$18,000	\$0	\$0	\$54,000

In general, all institutional contributions for direct costs are considered <u>Cash</u>. Indirect costs are considered an In-Kind contribution.

\$140,000

\$35,000

\$35,000



# **Institutional Direct Tab**

Enter details of PI & Co-PI Time in chart below (salary + 23.5% benefits)

	PI & Co-PI	time (include	details belo	w on right sid	de - row 60 an	nd below)			Total Inst	itutional		
CASH	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021- March 2022	Year 3 April 2022 March 2023	Year 4 - April 2023- March 2024	Year 5 April 2024- March 2025	Totals	Year 1 May 23, 2019 - March 31, 2021	Year 2 April 2021 March 2022	Year 3 - April 2022- March 2023	Year 4 April 2023 March 2024	Year 5 April 2024- March 2025	Total
Facilities & Equipment												
Research Equipment						\$0	\$0	\$0	\$0	\$0	\$0	
Computing Network						\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
Personnel												
Principal Investigator	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,
Co-PI	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,
Post Doctoral Fellows						\$0	\$12,500	\$12,500	\$12,500	\$12,500	\$0	\$50,
Grad students/postdocs						\$0	\$18,000	\$18,000	\$18,000	\$0	\$0	\$54,
Technicians						\$0	\$0	\$0	\$0	\$0	\$0	
other (Research Assist, Sys Admin)						\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal B	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$100,500	\$100,500	\$100,500	\$82,500	\$70,000	\$454,0
Research Costs												
Supplies/Materials						\$0	\$21,000	\$21,000	\$21,000	\$21,000	\$0	\$84,
Travel						\$0	\$1,500	\$1,500	\$1,500	\$1,500	\$0	\$6,
Youth Outreach		4				\$0	\$0	\$0	\$0	\$0	\$0	
User fees						\$0	\$0	\$0	\$0	\$0	\$0	
Subtotal C	\$0	\$0	\$0	\$0	\$0	\$0	\$22,500	\$22,500	\$22,500	\$22,500	\$0	\$90,0
Management Costs												
Salary/benefits						\$0	\$0	\$0	\$0	\$0	\$0	
Office supplies						\$0	\$0					
Travel						\$0	\$0					
Other (Specify)						\$0	\$0					
Audit						\$0	\$0	\$0	\$0	\$0	\$0	,
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	
TOTAL CASH (A+B+C+D+E)	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$123,000	\$123,000	\$123,000	\$105,000	\$70,000	\$544,
TOTAL CASH & IN-KIND	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000	\$123,000	\$123,000	\$123,000	\$105,000	\$70,000	\$544.



### **Institutional Direct Tab**

PI and co-PI Salary + benefit (23.5%) based on % of time spent on project

% of time	salary/benefits	total annual
20%	250,000	50,000
/CC) 10%	200,000	20,000
		-
		-
		-
		70,000
	20%	20% 250,000



### **Prof. X – Institutional Contribution**

		Instit	utional - 33	% of total l	oudget	
CASH	Year 1	Year 2	Year 3	Year 4	Year 5	Totals
Facilities & Equipment						
Research Equipment Use						\$0
Computing Network						\$0
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0
Personnel						
Principal Investigator	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000
Co-PI						\$0
Post Doctoral Fellows	\$12,500	\$12,500	\$12,500	\$12,500		\$50,000
Grad students/postdocs						\$0
Technicians						\$0
other (specify)						\$0
Subtotal B	\$62,500	\$62,500	\$62,500	\$62,500	\$50,000	\$300,000
Research Costs						
Supplies/Materials	\$21,000	\$21,000	\$21,000	\$21,000		\$84,000
Travel	\$1,500	\$1,500	\$1,500	\$1,500		\$6,000
Youth Outreach						\$0
other (publication/disseminatino cost)						\$0
Subtotal C	\$22,500	\$22,500	\$22,500	\$22,500	\$0	\$90,000
Management Costs						
Salary/benefits (0.25 FTE)						\$0
Office supplies						\$0
Travel						\$0
Other (Specify)						\$0
Audit						\$0
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0
Cash Contributions to Indirect Costs (E)						
TOTAL CASH (A+B+C+D+E)	\$85,000	\$85,000	\$85,000	\$85,000	\$50,000	\$390,000

Prof. X Salary

PDF Salary from CIHR
Grant

Supplies/Materials & Travel from CIHR Grant

Note that 40% for Indirect Costs will be calculated as an In-Kind Contribution



# **Prof. Y – Institutional Contribution**

	Institutional - 33% of total budget												
CASH	Year 1	Year 2	Year 3	Year 4	Year 5	Totals							
Facilities & Equipment													
Research Equipment Use						\$0							
Computing Network						\$0							
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0							
Personnel													
Principal Investigator						\$0							
Co-PI	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000							
Post Doctoral Fellows						\$0							
Grad students/postdocs	\$18,000	\$18,000	\$18,000			\$54,000							
Technicians						\$0							
other						\$0							
Subtotal B	\$38,000	\$38,000	\$38,000	\$20,000	\$20,000	\$154,000							
Research Costs													
Supplies/Materials						\$0							
Travel						\$0							
Youth Outreach						\$0							
other (specify)						\$0							
Subtotal C	\$0	\$0	\$0	\$0	\$0	\$0							
Management Costs													
Salary/benefits						\$0							
Office supplies						\$0							
Travel						\$0							
Other (Specify)						\$0							
Audit						\$0							
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$2							
Cash Contributions to Indirect													
Costs (E)													
TOTAL CASH (A+B+C+D+E)	\$38,000	\$38,000	\$38,000	\$20,000	\$20,000	\$154,000							

Prof. Y Salary

Graduate Student payments from CIHR Grant

Note that 40% Indirect Costs will be calculated as an In-Kind Contribution



### Institutional Contribution - Indirect Costs

In-Kind Contributions to Indirect Costs (under Institutional Contribution) is calculated as:

0.4 x (Total Cash from Institution + Total In-Kind from Private Sector)

PSP In kind IDC is not eligible, but we are allowed to count an equivalent amount as institutional in kind to make the overall project IDC at 40%



PSP Cash	Institutional Cash													
	Y1 Y2 Y3 Y4 Y5			Y1	Y2	Y3	Y4	Y5						
Personnel						Personnel	\$100,500	\$100,500	\$100,500	\$82,500	\$70,000			
Facilities & Equip						Facilities & Equip								
Other Direct Research Expenses	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	Other Direct Research Expenses	\$22,500	\$22,500	\$22,500	\$22,500				
Mgmt & Admin						Mgmt & Admin								
Indirect Costs	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000	Indirect Costs								
PSP In-Kir	nd	•				Institutional In-Kind								
	Y1	Y2	Y3	Y4	Y5		Y1	Y2	Y3	Y4	Y5			
Personnel	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	Personnel								
Facilities & Equip	\$55,000					Facilities & Equip								
Other Direct Research Expenses						Other Direct Research Expenses								
Mgmt & Admin	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	Mgmt & Admin								
Indirect Costs						Indirect Costs	\$135,200	\$113,200	\$113,200	\$106,000	\$92,000			

Institutional IDC= 0.4 x (\$215,000 + \$123,000) = \$135,200



# **Prof. X – ORF Expenditures**

	ORF-RE - 33% of TPC												
CASH	Year 1	Year 2	Year 3	Year 4	Year 5	Totals							
Facilities & Equipment													
Research Equipment Use						\$0							
Computing Network						\$0							
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0							
Personnel													
Principal Investigator						\$0							
Co-PI						\$0							
Post Doctoral Fellows	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000							
Grad students/postdocs	\$40,000	\$40,000	\$40,000	\$40,000	\$40,000	\$200,000							
Technicians						\$0							
other (specify)						\$0							
Subtotal B	\$90,000	\$90,000	\$90,000	\$90,000	\$90,000	\$450,000							
Research Costs													
Supplies/Materials	\$1,000	\$1,000	\$1,000	\$1,000		\$4,000							
Travel						\$0							
Youth Outreach	\$1,000	\$1,000	\$1,000	\$1,000	\$1,000	\$5,000							
user fees	,					\$0							
Subtotal C	\$2,000	\$2,000	\$2,000	\$2,000	\$1,000	\$9,000							
Management Costs			-			-							
Salary/benefits	\$38,000	\$38,000	\$38,000	\$38,000	\$38,000	\$190,000							
Office supplies		,			,	\$0							
Travel						\$0							
Other (Specify) BDO						\$0							
Audit		\$8,000			\$8,000	\$16,000							
Subtotal D	\$38,000	\$46,000	\$38,000	\$38,000	\$46,000	\$206,000							
Cash Contributions to Indirect	<b>¢</b> F0.000	¢55.000	¢50,000	<b>¢</b> F0.000	<b>CE4.000</b>	<b>#000 000</b>							
Costs (E)	\$52,000	\$55,200	\$52,000	\$52,000	\$54,800	\$266,000							
TOTAL CASH (A+B+C+D+E)	\$182,000	\$193,200	\$182,000	\$182,000	\$191,800	\$931,000							

Hiring 1 PDF @ \$50K/yr
Hiring 2 Graduate
Students @ \$20K/yr

Supplies/Materials,

Youth Outreach

0.5 FTE for a Project
Manager

Required 2 Audits

40% Indirect Costs

Audits (2) are required for the ORF Projects.

- Please budget for 2 audits (interim and final) at \$8,000 each



# **Prof. Y – ORF Expenditures**

	ORF-RE - 33% of TPC												
CASH	Year 1	Year 2	Year 3	Year 4	Year 5	Totals							
Facilities & Equipment													
Research Equipment Use						\$0							
Computing Network						\$0							
Subtotal A	\$0	\$0	\$0	\$0	\$0	\$0							
Personnel													
Principal Investigator						\$0							
Co-PI						\$0							
Post Doctoral Fellows						\$0							
Grad students/postdocs		\$20,000	\$20,000	\$20,000	\$20,000	\$80,000							
Technicians						\$0							
other (Research Associate)						\$0							
Subtotal B	\$0	\$20,000	\$20,000	\$20,000	\$20,000	\$80,000							
Research Costs													
Supplies/Materials						\$0							
Travel						\$0							
Youth Outreach						\$0							
other (specify)						\$0							
Subtotal C	\$0	\$0	\$0	\$0	\$0	\$0							
Management Costs													
Salary/benefits						\$0							
Office supplies						\$0							
Travel						\$0							
Other (Specify)						\$0							
Audit						\$0							
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0							
Cash Contributions to Indirect													
Costs (E)	\$0	\$8,000	\$8,000	\$8,000	\$8,000	\$32,000							
TOTAL CASH (A+B+C+D+E)	\$0	\$28,000	\$28,000	\$28,000	\$28,000	\$112,000							

Hiring 1 graduate student @ \$20K/year for Years 2-5

40% Indirect Costs



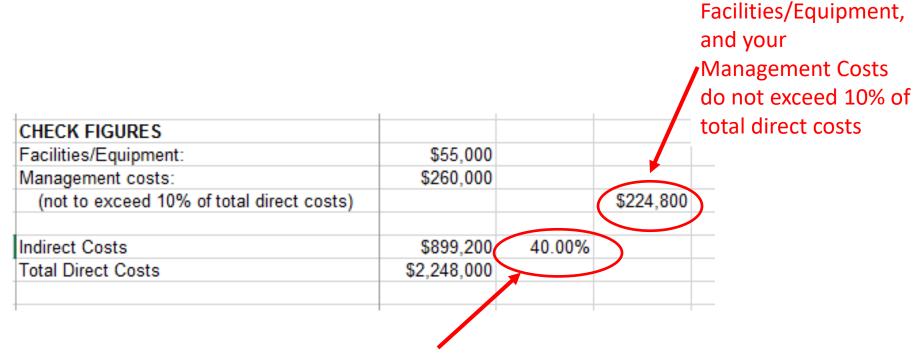
# **Total Budget**

	Pris	iate Sect	or (PSP)	- 33% of	total bude	let	Institutional - 33% of total budget							ORF-RE - 33% of TPC					
CASH	Year 1		ctor (PSP) - 33% of total budget  2   Year 3   Year 4   Year 5   Totals				Year 1 Year 2 Year 3 Year 4 Year 5 Totals						Voor 1				Year 5	Totals	Grand Totals
Facilities & Equipment		1 ear 2	rears	1 ear 4	I Edi J	TOTALS	rearr	Teal 2	rears	1 ear 4	rears	Totals	rearr	1 ear 2	Tears	Teal 4	I Ear 3	Totals	10(013
Research Equipment Use	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1	\$0	\$0	
Computing Network	\$0						\$0						\$0						
Subtotal A	\$0						\$0						\$0						
Personnel	<del>                                     </del>	1	1	1	1 13	1	<u> </u>	1	1	1	1	1		1	1 1	1	<del>"</del>	1	
Principal Investigator	\$0	\$0	\$0	\$0	\$0	\$0	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000	\$250,000	\$0	\$0	\$0	\$1	3 \$0	\$0	\$250.00
Co-Pl	\$0						\$20,000			\$20,000			\$0						\$100,00
Post Doctoral Fellows	\$0									\$12,500	\$0		\$50,000				\$50,000		\$300,00
Grad students/postdocs	\$0						\$18,000			\$0			\$40,000						\$334.00
Technicians	\$0	\$0	\$0	\$0	\$0	\$0	\$0			\$0	\$0	\$0	\$0	\$0	\$0	\$1	\$0	\$0	
other (specify)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$1	\$0	\$0	
Subtotal B	\$0	\$0	\$0	\$0	\$0	\$0	\$100,500	\$100,500	\$100,500	\$82,500	\$70,000	\$454,000	\$90,000	\$110,000	\$110,000	\$110,00	\$110,000	\$530,000	\$984,00
Research Costs												· ·							
Supplies/Materials	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$21,000	\$21,000	\$21,000	\$21,000	\$0	\$84,000	\$1,000	\$1,000	\$1,000	\$1,00	\$0	\$4,000	\$188,00
Travel	\$0	\$0	\$0	\$0	\$0	\$0	\$1,500	\$1,500	\$1,500	\$1,500	\$0	\$6,000	\$0	\$0	\$0	\$1	\$0	\$0	\$6,00
Youth Outreach	\$0						\$0	\$0					\$1,000	\$1,000	\$1,000	\$1,00	\$1,000	\$5,000	\$5,00
other (specify)	\$0						\$0						\$0						
Subtotal C	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000	\$22,500	\$22,500	\$22,500	\$22,500	\$0	\$90,000	\$2,000	\$2,000	\$2,000	\$2,00	\$1,000	\$9,000	\$199,00
Management Costs																			
Salary/benefits	\$0						\$0						\$38,000					\$190,000	\$190,00
Office supplies	\$0						\$0						\$0						\$
Travel	\$0						\$0						\$0						\$
Other (Specify)	\$0						\$0						\$0						\$
Audit	\$0						\$0						\$0						\$20,00
Subtotal D	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$38,000	\$38,000	\$48,000	\$38,00	\$48,000	\$210,000	\$210,00
Cash Contributions to Indirect																			
Costs (E)	\$8,000	\$8,000	\$8,000	\$8,000	\$8,000								\$52,000						\$339,60
TOTAL CASH (A+B+C+D+E)	\$28,000	\$28,000	\$28,000	\$28,000	\$28,000	\$140,000	\$123,000	\$123,000	\$123,000	\$105,000	\$70,000	\$544,000	\$182,000	\$210,000	\$224,000	\$210,00	3 \$222,600	\$1,048,600	\$1,732,60
IN-KIND																			
Facilities & Equipment																			
Research Equipment	\$55,000	\$0					\$0												\$55,00
Computing Network	\$0						\$0												4
Subtotal F	\$55,000	\$0	\$0	\$0	\$0	\$55,000	\$0	\$0	\$0	\$0	\$0	0							\$55,00
Personnel																			
Principal Investigator	\$0						\$0												4
Co-Pis	\$0						\$0												4
Post Doctoral Fellows	\$0						\$0		-										
Grad students	\$0						\$0												
Technicians	\$30,000						\$0												\$150,00
other (specify)	\$120,000				\$120,000		\$0												\$600,00
Subtotal G	\$150,000	\$150,000	\$150,000	J \$150,000	\$150,000	\$750,000	\$0	\$0	\$0	\$0	\$0	U	_						\$750,00
Research Costs	ļ		<u> </u>											RF-F	SEC	ontr	ibut	ion	L .
Supplies/Materials	\$0						\$0							'131 1	'L C	Oliti	ibut	IOII	
Travel	\$0						\$0												
other (specify)	\$0						\$0							anno	nt Av	100	d		
Subtotal H	\$0	\$0	\$1	\$0	\$0	\$10	\$0	\$0	\$0	\$0	\$0	U		JIIII		CCC	u		- 1
Management Costs	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000	\$50,000	\$0	\$0	\$0	\$0	\$0						•		\$50,00
Salary/benefits	\$10,000						\$U \$0						2	3.33	0/		1		\$50,00 4
Office supplies Travel	\$0						\$U \$0							J.JJ	/0		<b>\</b>		
other (specify)	\$0						\$0 \$0												
Subtotal I	\$10,000						\$0 \$0												\$50,00
in king Contributions to indirect	\$10,000	\$10,000	\$10,000	) \$10,000	) \$10,000	\$50,000						Ť							
Costs ( I)							\$135,200			\$106,000		\$559,600							\$559,60
TOTAL IN KIND (F+G+H+I+J)	\$215,000		\$160,000		\$160,000		\$135,200				,	\$559,600							\$1,414,60
TOTAL CASH & IN-KIND	\$243,000	\$188,000	\$188,000	\$188,000	\$188,000	\$995,000	\$258,200	\$236,200	\$236,200	\$211,000	\$162,000		\$182,000	\$210,000	\$224,000	\$210,00	\$222,600		
						31.62%						35.07%						33.32%	

Ensure that your



# **Total Budget**



Indirect Costs should equal 40%



# **Tips**

#### **Start with your Private Sector Contribution**

 This is usually the limiting factor when putting together your ORF budget. Secure as much PSP as you can, then work out your Institutional/ORF budget.

#### Matching

 It is best to "front-load" your matching as it will affect the release of ORF Funds. Both your PSP and Institutional matching should be secured (at least 75%) at the time of application

#### Keep your budget realistic

Keep in mind how many personnel, facilities, equipment, etc. you
will need to complete the proposed scientific milestones of your
ORF project. Your budget should match up with the milestones.



If you are not going forward with your application, please let us know by February 11



# Questions

Questions on budget and internal budget template?

Please type your questions into the chat box.

