



**Finance Module  
New Initiatives Fund (NIF)**

<b>Institution:</b>	The University of Winnipeg	<b>Project no.:</b>	19280
<b>Project title:</b>	Canadian Spallation Ultracold Neutron Source		

**Overview of Infrastructure Project Funding**  
This table provides a summary of the total contributions and eligible costs for the project

	Year 1	Year 2	Year 3	Year 4 +	Total
Contributions from eligible partners	\$1,888,750	\$2,788,750	\$2,888,750	\$1,788,750	\$9,355,000
Amount requested from the CFI	\$706,250	\$1,196,250	\$1,806,250	\$516,250	\$4,225,000
Total eligible costs	\$2,595,000	\$3,985,000	\$4,695,000	\$2,305,000	\$13,580,000
<b>CFI request (% of total eligible costs per year)</b>	27.22 %	30.02 %	38.47 %	22.40 %	31.11 %
<b>CFI request (cumulative % of total eligible costs)</b>	27.22 %	28.91 %	32.89 %	31.11 %	

N.B. For any given year, the CFI request should not exceed 40% of the cumulative total eligible costs up to that year.

**Summary of Funding from Eligible Partners**  
This table provides a breakdown of the total contributions from eligible partners by type of funding partner.  
It also indicates whether the partner contributions are secured and/or expected.

	Cash	In-kind	Total	Secured and/or Expected
Institutions, trust funds or foundations	\$0	\$0	\$0	
Federal government (departments or agencies)	\$2,000,000	\$1,680,000	\$3,680,000	Secured
Provincial governments (departments or agencies)	\$225,000	\$0	\$225,000	Secured
Other governmental sources (municipal or foreign)	\$5,000,000	\$0	\$5,000,000	Secured
Corporations/firms	\$0	\$450,000	\$450,000	Secured
Voluntary organizations	\$0	\$0	\$0	
Other	\$0	\$0	\$0	
<b>Total eligible contributions</b>	<b>\$7,225,000</b>	<b>\$2,130,000</b>	<b>\$9,355,000</b>	

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**Summary of Eligible Costs per Year**

This table provides the totals for each type of expenditure. The cost of individual items are detailed on page 3.

<b>Expenditure type code</b>	<b>Expenditure type</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4+</b>	<b>Total</b>
13	Purchase of equipment or facility (including shipping, taxes and installation)	\$1,530,000	\$2,920,000	\$3,630,000	\$1,240,000	\$9,320,000
14	Lease of equipment or facility	\$0	\$0	\$0	\$0	\$0
15	Personnel (for infrastructure acquisition & development)	\$1,065,000	\$1,065,000	\$1,065,000	\$1,065,000	\$4,260,000
16	Components	\$0	\$0	\$0	\$0	\$0
17	Travel (infrastructure related)	\$0	\$0	\$0	\$0	\$0
18	Software	\$0	\$0	\$0	\$0	\$0
19	Extended warranties / Service contracts	\$0	\$0	\$0	\$0	\$0
20	Construction or renovation costs (research / technology development related)	\$0	\$0	\$0	\$0	\$0
21	Initial training of infrastructure personnel	\$0	\$0	\$0	\$0	\$0
22	Other	\$0	\$0	\$0	\$0	\$0
<b>Total eligible costs</b>		<b>\$2,595,000</b>	<b>\$3,985,000</b>	<b>\$4,695,000</b>	<b>\$2,305,000</b>	<b>\$13,580,000</b>

**Summary of Funding from Eligible Partners per Year**

This table provides a breakdown of the total contributions from eligible partners by year. The individual partner contributions are detailed on page 5.

<b>Partner type code</b>	<b>Partner type</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4 +</b>	<b>Total</b>
5	Institutions, trust funds or foundations	\$0	\$0	\$0	\$0	\$0
6	Federal government (departments or agencies)	\$920,000	\$1,420,000	\$920,000	\$420,000	\$3,680,000
7	Provincial governments (departments or agencies)	\$56,250	\$56,250	\$56,250	\$56,250	\$225,000
8	Other governmental sources (municipal or foreign)	\$800,000	\$1,200,000	\$1,800,000	\$1,200,000	\$5,000,000
9	Corporations/firms	\$112,500	\$112,500	\$112,500	\$112,500	\$450,000
10	Voluntary organizations	\$0	\$0	\$0	\$0	\$0
11	Other	\$0	\$0	\$0	\$0	\$0
<b>Total eligible contributions</b>		<b>\$1,888,750</b>	<b>\$2,788,750</b>	<b>\$2,888,750</b>	<b>\$1,788,750</b>	<b>\$9,355,000</b>

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**Cost of Individual Items**

This table provides the details of eligible costs for the acquisition and development of the infrastructure, sorted by item number. It shows the full cost of each item, including taxes (net of credits received), shipping and installation. If the infrastructure will be used for purposes other than research, the table shows only the pro-rated cost.

Institutions must follow their existing institutional policies and procedures for the preparation of budget estimates. The CFI expects that costs included in this budget are close estimates of fair value. Institutions must refer to the CFI Policy and Programs Guide for information on how in-kind contributions must be assessed (section 6.5).

Item reference no.	Expenditure type code	Item description	# of items	Eligible cost			Name of contributing partner	Date acquired (yyyy/mm) or to be acquired (yyyy)
				Cash	In-kind	Total		
1	13	Ultracold Neutron Source System	1	\$2,100,000		\$2,100,000	KEK, Japan	
2	13	UCN Moderators and System	1	\$1,000,000		\$1,000,000	KEK, Japan	2011/01
3	13	Proton Beamline	1	\$2,330,000		\$2,330,000	University of Winnipeg	2009/10
4	13	Spallation Target and Remote Handling	1	\$130,000		\$130,000	University of Winnipeg	2011/01
5	13	Shielding	1	\$1,820,000		\$1,820,000	University of Winnipeg	2010/01
6	13	Installation of Japanese Sections in Canada	1	\$40,000		\$40,000	University of Winnipeg	2012/08
7	13	Neutron EDM equipment	1	\$1,900,000		\$1,900,000	KEK, Japan	2010/06
8	15	Engineering, Design, and Technical Manpower	1	\$1,680,000	\$1,680,000	\$3,360,000	University of Winnipeg	2009/04
9	15	Physics Design of Moderators and Source	1	\$450,000	\$450,000	\$900,000	Acision Industries	2009/04



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**Financial Resources for Operations and Maintenance**

The following tables outline the annual costs and sources of support committed to ensuring effective operations and maintenance of the infrastructure for the first five years after implementation. They do not show research project costs. CFI Infrastructure Operating Funds (IOF), if any, are shown as Institutional contributions in the Funding Sources table.

**Operations and Maintenance Budget Summary**

<b>Costs</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total</b>
Personnel	\$100,000	\$100,000	\$100,000	\$100,000	\$100,000	\$500,000
Supplies	\$30,000	\$30,000	\$30,000	\$30,000	\$30,000	\$150,000
Maintenance and repairs	\$20,000	\$20,000	\$20,000	\$20,000	\$20,000	\$100,000
Services	\$0	\$0	\$0	\$0	\$0	\$0
Other (specify) :	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>

**Funding Sources**

<b>Funding Sources</b>	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>	<b>Total</b>
Institutional contributions	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
Other organizations	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$375,000
User fees	\$0	\$0	\$0	\$0	\$0	\$0
Other (specify) :	\$0	\$0	\$0	\$0	\$0	\$0
<b>Total</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$150,000</b>	<b>\$750,000</b>

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**Details of Funding from Eligible Partners**

The following table provides the details of funding from eligible partners. It does not include the amount requested from the CFI.

Partner reference no.	Partner name	Partner type	Cash	In-kind	Total	Secured and/or Expected
1	KEK, Japan	Other governmental sources (municipal or foreign)	\$5,000,000		\$5,000,000	Secured
2	TRIUMF	Federal government (departments or agencies)	\$2,000,000	\$1,680,000	\$3,680,000	Secured
3	Acsion Industries	Corporations/firms		\$450,000	\$450,000	Secured
4	Manitoba Science Technology Energy and Mines (STEM)	Provincial governments (departments or agencies)	\$225,000		\$225,000	Secured
<b>Total contributions from eligible partners</b>			<b>\$7,225,000</b>	<b>\$2,130,000</b>	<b>\$9,355,000</b>	

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**Partner Contributions Yet to be Secured**

For applications for which some of the partner contributions are expected, but have yet to be secured, applicants were requested to indicate the plans for securing these funds.

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**Infrastructure Utilization**

The following table includes the percentage utilization of the infrastructure requested.

Category	Percentage of planned utilization
Research / technology development and associated training (eligible for CFI support) Education, excluding research /technology development training (not eligible for CFI support): Administration (not eligible for CFI support) Clinical or other service function (not eligible for CFI support) Other, specify:	100%
<b>Total</b>	<b>100%</b>

**Applicants were requested to provide a breakdown of what expenses were included in each of the categories above. Should the infrastructure be used for non CFI-eligible purposes, they were to explain the methodology used to estimate the percentage of utilization in the different categories and how the budget was prorated.**

The infrastructure will be used entirely for research and technology development and associated training.



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### Budget Justification

This section provides a justification for each of the infrastructure items requested, including the method of valuation for each significant in-kind contribution.  
If a separate budget justification document has been submitted by the applicant, this section will be blank.