

Cover Page for Project/Program Approval Request

1. Country/Region:	Bolivia	2. CIF Project ID#:	XPCRBO007A
3. Source of Funding:	<input type="checkbox"/> FIP	<input checked="" type="checkbox"/> PPCR	<input type="checkbox"/> SREP
4. Project/Program Title:	Multipurpose Drinking water and irrigation program for the municipalities of Batallas, Pucarani and El Alto.		
5. Type of CIF Investment:	<input checked="" type="checkbox"/> Public	<input type="checkbox"/> Private	<input type="checkbox"/> Mixed
6. Funding Request in million USD equivalent:	Grant: US\$42,500,000 (US\$ 2M already requested for project preparation)	Non-Grant: US\$0	
7. Implementing MDB(s):	Inter-American Development Bank		
8. National Implementing Agency:	Ministry of Environment and Water (MMAyA) through the Environment and Water Executing Agency (EMAGUA).		
9. MDB Focal Point and Project/Program Task Team Leader (TTL):	Headquarters- Focal Point: Alfred Grunwaldt (BO-L1080/ BO-T1058)	TTL: Edgar Orellana (edgaro@iadb.org); Co-TTL: Alfred Grunwaldt (alfredg@iadb.org)	
10. Project/Program Description (including objectives and expected outcomes):			
<p>The overall objective of this program is to improve drinking water service delivery in the municipality of El Alto, taking climate change resilience aspects into account. The specific objectives are to: (i) increase water availability for the water supply system of El Alto and the communities of the municipality of Batallas; (ii) improve and expand the use of the irrigation systems in the municipalities of Pucarani and Batallas; (iii) promote integrated WR management and sustainable use of natural resources in the context of climate change.</p>			
11. Consistency with Investment Criteria¹:			

¹ Please provide the information in the cover page or indicate page numbers in the accompanying project/program document where such information can be found.

The objective of the endorsed SPCR presented by Bolivia is to strengthen Bolivia's capacity to define and implement an Integrated River Basin Management approach as a pivotal element of a strategy of adaptation to climate change at the national level (Component 1) and in two priority river basins (Components 2 and 3). The SPCR will support efforts to capture lessons learned resulting from the adaptation pilot activities in the priority basins, as well as international best practice examples, for its potential replication in other parts of the country. In addition, specific efforts will be made at the international level to disseminate lessons learned and gained practical experience during the implementation of the SPCR, using the exchange forums offered as part of the Climate Investment Funds.

Proposed project “*Multipurpose Drinking water and irrigation program for the municipalities of Batallas, Pucarani and El Alto*” corresponds to component II of the endorsed PPCR presented by Bolivia in November 2011. The objective of the presented project under component II is in line with the SPCR overall objective as presented above.

The name of the project has been adjusted to *Multipurpose Drinking water and irrigation program for the municipalities of Batallas, Pucarani and El Alto* to give representation to all the different project stakeholders both in rural and urban areas of the Altiplano.

Table 1. Description of the Investment Projects in the SPCR^a

Investment Project	PPCR funds per component (US\$ million)	Multilateral Bank
Component 1: Strengthening the national capacity for managing climate change	5.5 (grant)	World Bank
Component 2: Climate resilience program for the water and sanitation systems of the metropolitan areas of La Paz and El Alto	44.5 (grant)	IDB
Component 3: Strengthening the resilience to climate change in the Rio Grande basin	60 (loan)	World Bank

^aThe total investment package of the SPCR is US\$110 million, of which the World Bank will manage US\$65.5 million and the IDB US\$44.5 million (as outlined in Table 1).

12. Stakeholder engagement²:

Stakeholder engagement took the form of: (i) workshops with communities as part of the consultation process mandated by IDB's environmental and social safeguards and (ii) discussions with government ministries (Ministry of Environment and Water and Ministry of Planning) and agencies of the program including a risk analysis workshop to identify risks to the program and mitigation measures (see risk section of the document - paragraph 2.5 and 2.6).

13. Gender considerations³:

IDB Policy OP-761, Gender Equality, was triggered to ensure that women are not excluded from the project or its benefits.

In addition, the project includes a Social Compensation and Management Plan (SCMP). The program's social feasibility relies on the agreements for the distribution of water flows and the mitigation measures intended to address the impacts arising from the project's works. To address the involuntary resettlement and economic impacts, the SCMP was prepared, which includes a community liaison and communication program, a community management plan for efficient water use and health promotion; additionally, the COTEMU shall be responsible for securing agreements on water distribution during periods of shortage and/or crisis. Two consultation processes were carried out in indigenous language, which followed the assembly procedures established by the communities, to provide information about the characteristics, scope and impacts of the program and the mitigation measures planned for those affected; further actions were included in order to benefit and strengthen women's organizations. The project will not only facilitate the inclusion of women, but also other vulnerable groups as well, such as low income farmers. Two gender indicators have been included in the program's Results Framework, namely: (i) Outcome indicator: Women participating in water use and health education campaigns in 13 communities and (ii) Output Indicator: Productive initiatives program for women implemented.

14. Indicators and Targets (consistent with results framework):

Core Indicator	Target
<p>PPCR Core Indicator 3. Quality and extent to which climate responsive instruments/investment models are developed and tested</p> <p>Project Outcome Indicators,</p> <p>Component I</p> <ul style="list-style-type: none"> - Water storage capacity of the dams built as part of the project - Water system of the 13 communities operating and maintained according to technical design specifications -Family solar greenhouses built as part of the program that are used to grow food <p>Component II</p> <ul style="list-style-type: none"> -Water use efficiency in modern irrigation systems 	<p>50.6 Hm3</p> <p>1 water system</p> <p>> 20 family solar greenhouses</p> <p>75% efficient (Water volume used in farm over total water volume captured by system)</p>

<p>PPCR Core Indicator 4. Extent to which vulnerable households, communities, businesses, and public sector services use improved PPCR supported tools, instruments, strategies, and activities to respond to climate variability or climate change.</p> <p>Project Outcome Indicators,</p> <p>Component III.</p> <ul style="list-style-type: none"> - Operator’s operational and planning staff trained in water supply system resilient and sustainable management -Households with agricultural activities in the project target area implementing climate change adaptation measures [def: measures that help improve the capacity to respond to climate variability or change impacts, such as: (i) water harvesting (ii) efficient resource use, (iii) use of modern irrigation, (iii) conservation of soil moisture, (iv) conservation of cushion bogs and high mountain ecosystems and, (v) protection of animals and crops from frost and hail. 	<p>25 people</p> <p>40 households</p>
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<p>PPCR Core Indicator 5. Number of people supported by the PPCR to cope with the effects of climate change.</p> <p>Project Outcome Indicator(s).</p> <p>Component I</p> <ul style="list-style-type: none"> - Households with improved access to drinking water in El Alto. - Indigenous households with new access to drinking water in 13 communities of the municipality of Batallas. - Households that benefit from new or improved access to drinking water, sanitation and/or wastewater treatment. <p>Component II</p> <ul style="list-style-type: none"> - Number of farmers with access to improved irrigation services in the program target area. 	<p>183,437 households</p> <p>1,772 indigenous households</p> <p>185,209 households</p> <p>6,600 farmers</p>																					
<p>Program Impact Indicator:</p> <ul style="list-style-type: none"> - Net FARM income of the beneficiaries, measured as the annual Net farm Income. 	<p>US\$ 2500/hectare at the end of the project</p>																					
<p>15. Co-Financing:</p>																						
	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;"></th> <th style="width: 25%;"><i>Amount (in USD million):</i></th> <th style="width: 25%;"><i>Type of contribution:</i></th> </tr> </thead> <tbody> <tr> <td>• Government</td> <td>\$24.145 (to be confirmed during negotiations)</td> <td>Cash</td> </tr> <tr> <td>• IDB</td> <td>\$62.0</td> <td>Cash</td> </tr> <tr> <td>• Private Sector (please specify)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td>• Bilateral (please specify)</td> <td>\$4.370 (Nordic Development Fund)</td> <td>Cash</td> </tr> <tr> <td>• Others (please specify)</td> <td>N/A</td> <td>N/A</td> </tr> <tr> <td style="text-align: right;">Co-Financing Total:</td> <td>\$90.51</td> <td></td> </tr> </tbody> </table>		<i>Amount (in USD million):</i>	<i>Type of contribution:</i>	• Government	\$24.145 (to be confirmed during negotiations)	Cash	• IDB	\$62.0	Cash	• Private Sector (please specify)	N/A	N/A	• Bilateral (please specify)	\$4.370 (Nordic Development Fund)	Cash	• Others (please specify)	N/A	N/A	Co-Financing Total:	\$90.51	
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<p>16. Expected Board/MDB Management⁴ approval date:</p>																						
<p>November 04, 2015.</p>																						