

**EXTENSION AND AMENDMENT AGREEMENT
ADDENDUM NO.3 DATED June 22, 2015**

**To the
PROGRAM PARTICIPANT AGREEMENT (PPA) DATED 12th JULY 2013
FOR THE CRP "*More meat, milk and fish by and for the poor –CRP 3.7*"**

Between International Livestock Research Institute P.O. Box 30709 – 00100
Nairobi, Kenya (LEAD CENTER)

And WorldFish, Jalan Batu Maung, Batu Maung, 11960 Banyan Lepas,
Penang, Malaysia (PROGRAM PARTICIPANT)

FOR THE CRP "*More meat, milk and fish by and for the poor –CRP 3.7*".

Previous Amendments

Amendment 1: Dated 11th November 2013, amended the PPA to make budgetary provisions for the 2013 Annual Work Plan and revised **Annex 4a (Annual Activity Plan)**.

Amendment 2: Dated 1st July 2014, amended the PPA to make budget provisions for the 2014 Annual Work Plan and further revised **Annex 4.a (Annual Activity Plan-2014)** and **Annex 4.c (Theme Leader Indicative Budget 2012-2014 and Theme Leader Annual Budget)** and included an additional financial reporting requirement for the Program Participant to list details of its bilateral projects.

3RD AMENDMENT

Amendment 3: Purpose of the Amendment: Following Amendment No.2 dated 14th April 2015 of the PIA (Program Implementation Agreement) between the International Plant Genetic Resources Institute (IPGRI) and ILRI, the Parties have agreed to **EXTEND AND FURTHER AMEND** the PPA as follows:-

A. Clause 2.3 (Grant) NOW includes the following additional clause

2.3 (e) The Lead Center obligates US\$265,493 (US Dollars Two hundred and sixty-five thousand, four hundred and ninety-three). This sum includes:-

CRP Budget	<i>(Figures in USD)</i>
Supplemental Window 1 and Window 2 funds to undertake the additional work detailed in the revised Annex 4.a (Annual Work Plan - 2014 for WorldFish (additional activities)	132,000
To enable the Program Participant undertake the work detailed in additional Annex 4.d (Work Plan for Multi-Year Funding for	57,493

WorldFish[2014-2016])	
To enable the Program Participant undertake the work associated with the Program's Value Chain call with Window1/Window2 funds as detailed in an additional Annex 4.d (Work Plan for Multi-Year Funding for WorldFish [2014-2016]) in response to the Cross-CRP Call with Window 1/Window 2 funds	76,000
Total Budget	US\$265,493

B. **Clause 2.4 (Disbursements) NOW includes the following additional clause**

2.4 (d) Upon signature of this Amendment No. 3, an amount of US\$265,493 (US Dollars Two hundred and sixty-five thousand, four hundred and ninety-three).

C. **Clause 3(Duration) is NOW extended as follows:-**

3. The PPA is extended retrospectively from **1st January 2015 to December 31, 2016**, subject to earlier termination under clause 12 of the General Terms and Conditions.

D. **Clause 6 (Management of Intellectual Assets and communication) is NOW amended at 6.1 to include the IA implementation guidelines and NOW includes an additional clause 6.7 on Donor acknowledgement as follows:**

6.1 Management of Intellectual Assets. The Parties shall manage all intellectual assets created as a result of the Program activities carried out under this Agreement in accordance with CGIAR Principles on the Management of Intellectual Assets "CGIAR IA Principles" (which is available at: http://www.cgiarfund.org/sites/cgiarfund.org/files/Documents/PDF/cgiar_principles_management_intellectual_assets_7march_2012.pdf and will apply as amended from time to time) adopted as of 7 March 2012 and in a manner consistent with **CGIAR IA Implementation Guidelines** approved by the Consortium adopted as of 14 June 2013. All tangible and intangible results that arise from this Agreement, subject to the legal obligations of the parties, third party rights and exceptions permitted under the CGIAR Principles, will be international public goods.

6.7 Donor Acknowledgment. All CRP communications products, whether online or in hard copy form (e.g., publications, press releases, newsletters, website stories, blogs, posters, etc.), must acknowledge support received by donors via the CGIAR Fund with the following statement:

- This research is supported by [CGIAR Fund Donors](#)

All statements should either be hyperlinked to the

CGIAR Fund Donors webpage or include this URL:
<http://www.cgiar.org/who-we-are/cgiar-fund/fund-donors-2/>

List of Annexes:

- **Revised Annex 4a: Annual Activity Plan - 2014 for WorldFish (additional activities) is further revised and attached hereto.**
- **New Annex 4d: Work Plan for Multi-Year Funding for WorldFish [2014-2016] attached hereto**

2. All other terms of the PPA shall remain unchanged.

3. This Amendment No.3 to the PPA is retrospective from 1st January 2015 shall become effective on the date of the last signature.

SIGNED by the Parties' authorized Representatives:



Jimmy Smith

Director General,

International Livestock Research Institute

Date: 25/6/15



Stephen J. Hall

Director General

WorldFish

Date: 10/7/15

Enclosures

Annex 4a – Annual Activity Plan - 2014 for WorldFish (additional activities)

Description	Deliverables
<p>Flagship 2: Animal Genetics</p> <p>Objective 2.1: To develop improved strains and breeding strategies that sustainably improve animal productivity in emerging small scale market orientated livestock and fish production</p>	<p>Budget (\$000's) CG Fund: \$109k W3/Bilateral: N/A Others: N/A Total: \$109k TOTAL SUPPLEMENTAL FUNDING</p>
<p>Cluster of Activities 2.1.2 Genetically improved strains and conserved genetic resources to meet future needs.</p> <p>Activity 2.1.2.3.9 WorldFish: Genetically improved tilapia strains developed, consolidated and disseminated in Asia.</p> <p># Task: Small Aquarium facilities</p>	<p>CG Fund: \$92k W3/Bilateral: N/A Others: N/A Total: \$92k SUPPLEMENTAL FUNDING</p> <ul style="list-style-type: none"> Small Aquarium facilities basic structures
<p>Flagship 3: Feeds and Forages</p> <p>Objective 3.1. Develop superior feed and forage options for ruminants, monogastric animals and fish responding to actual and evolving demands to enhance meat, milk and fish production and reduce the ecological footprint</p>	<p>Budget (\$000's) CG Fund: \$17k W3/Bilateral: N/A Others: N/A Total: \$17k SUPPLEMENTAL FUNDING</p>

Description	Deliverables
<p><i>Cluster of Activities 3.1.2 Existing feed resources are used better</i></p>	<p>CG Fund: \$17k W3/Bilateral: N/A Others: N/A Total: \$17k</p>
<p>Activity 3.1.2.2.9: Remove key constraints in feed resourcing and feeding in Value Chains</p>	<ol style="list-style-type: none"> 1. Bangladesh aquaculture feeds study). 2. Synthesis paper on review of climate change effects on feeding and feed material. 3. Internal reports on activities identified and initiated to improve feed conversion into fish in existing value chains in Egypt and Bangladesh.
<p>Flagship 6: Gender Impact and Learning</p>	<p>Budget (\$000's) CG Fund: \$23k W3/Bilateral: N/A Others: N/A Total: \$23k TOTAL SUPPLEMENTAL FUNDING</p>
<p>Objective 6.1: To generate gender strategies and tools for value chain analysis and development that improve the nature and level of participation by women and marginalized groups and are used by value chain scientists and partners within the context of the CRP and beyond</p>	
<p>Cluster of Activities 6.1.3 Strategies and approaches that increase women and marginalized groups entitlement to access markets and control resources, technologies, labor power and the benefits of their work</p>	<p>CG Fund: \$23k W3/Bilateral: N/A Others: N/A Total: \$23k</p>
<p>Activity: 6.1.3.1.4 At least two proposals submitted to fund incorporating Gender Transformative Approaches into value chain work with partners</p>	<ol style="list-style-type: none"> 1. Options paper for gender integration in genetics work and/or BA value chain 2. At least one gender integrated proposal to submit to L&F call

Annex 4.d. – Work Plan for Multi-Year Funding for WORLDIFISH (2014-2016)

Link to Flagship, Cluster of Activities & Activity	Project Title, Fund Source and Budget	Deliverables 2014	Deliverables 2015	Deliverables 2016
<p>Theme 1: Animal Health</p> <p>COA 1.1.2 Information to guide farmers and market actors in the target value chains in using best practices and available technologies to manage animal health and food safety to enhance profitability and public health.</p>	<p>Fish health interventions for sustainable tilapia value chain development in Egypt and Bangladesh</p> <p>Supplemental CRP Funds \$76,000</p>	<ul style="list-style-type: none"> • Internal Report on the confirmatory diagnosis obtained for economically significant tilapia diseases in Egypt and Bangladesh • Internal report on the risk factors for tilapia disease, economic impacts and recommendations for best bet interventions (BMPs) for testing and dissemination in Egypt and Bangladesh • Disease outbreak investigation protocols, including sampling protocols and contingency plans for dealing with fish disease emergencies • National partner institutions identified and engaged for dealing with emerging diseases in fish value chains 	<ul style="list-style-type: none"> • <i>Joint livestock-fish health research agenda for collaboration between WorldFish and ILRI for 2015 and beyond</i> 1. <i>Technical report and/or peer-reviewed research paper covering epidemiological characterization of serious tilapia diseases in Egypt and Bangladesh drafted</i> 	<p>1. Comprehensive spatial and temporal collection of samples</p>
<p>COA 2.1.3 WF Prototype break through for improved use of genetic</p>	<p>Mola in the freshwaters of Bangladesh: understanding its genetic adaptation to</p>		<p>1. Comprehensive spatial and temporal collection of samples with detailed environmental</p>	<p>1. Comprehensive spatial and temporal collection of samples</p>

Link to Flagship, Cluster of Activities & Activity	Project Title, Fund Source and Budget	Deliverables 2014	Deliverables 2015	Deliverables 2016
resources.	<p>climate change for improving food and nutritional security</p> <p>Cross-CRP Call</p> <p>\$57,493</p>		<p>data from relevant ecological zones throughout Bangladesh (Start)</p> <p>2. Genomic tools to investigate the Mola 'genetic resource' with respect to climate variability.</p>	<p>with detailed environmental data from relevant ecological zones throughout Bangladesh (Completed)</p> <p>3. Comprehensive data on Mola's nutritive properties.</p> <p>4. Analyses and GIS-based visualization of the data.</p> <p>5. Communication products.</p>