



Operation Number: **BO0223**
Year- PMR Cycle: **Second period Jan-Dec 2013**
Last Update: **6/6/2014**
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **06/09/2014**
Division Chief validation date: **06/12/2014**
Country Representative validation date: **06/23/2014**

Inter-American Development Bank - IDB
Office of Strategic Planning and Development Effectiveness

Operation Profile

Basic Data

| | | | |
|------------------------|--|-----------------------------------|--|
| Operation name: | La Paz Storm Drainage Program | Loan Number: | 1926/BL-BO,1926/OC-BO-DE,1926/SF-BO-DE |
| Executing Agency (EA): | GOBIERNO MUNICIPAL DE LA PAZ ,GOBIERNO MUNICIPAL DE LA PAZ ,GOBIERNO MUNICIPAL DE LA PAZ | | |
| Team Leader: | Orellana Arevalo,Edgar R. | Sector/Subsector: | AS |
| Operation Type: | Loan Operation | Overall Stage: | Closed (All the loans are closed). |
| Lending Instrument: | Investment Loan | Country: | BOLIVIA |
| Borrower: | REPUBLICA DE BOLIVIA ,REPUBLICA DE BOLIVIA ,REPUBLICA DE BOLIVIA | Convergence related Operation(s): | |

Total Cost and Source

| | Original IDB | Current Active IDB | Local Counterpart | Co-Financing/Country | Total operation cost - Original Estimate |
|--------|-----------------|--------------------|-------------------|----------------------|--|
| BO0223 | \$20,000,000.00 | \$19,415,856.75 | \$2,000,000.00 | \$0.00 | \$22,000,000.00 |

Available Funds (US\$)

| | Current IDB | Disb. Amount to Date | % Disbursed | Undisbursed Balance |
|--------|-----------------|----------------------|-------------|---------------------|
| BO0223 | \$19,415,856.75 | \$19,415,856.75 | 100.00% | \$0.00 |

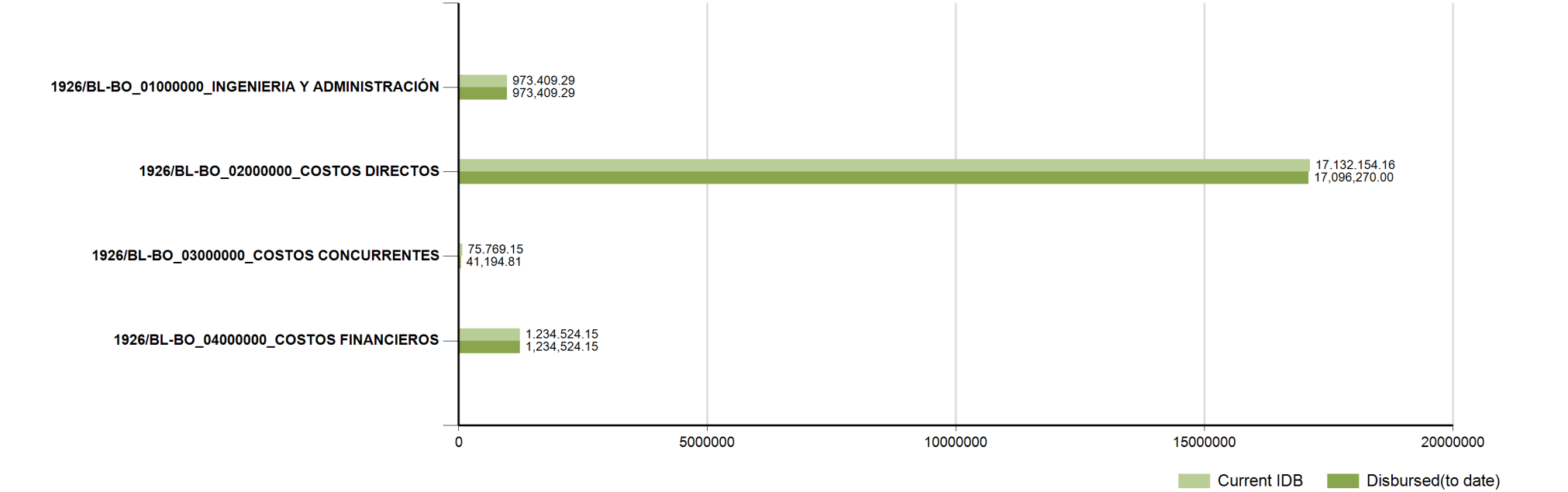
Environmental and Social Safeguards

| | |
|---|---|
| Main Operation | |
| Impacts Category: | B |
| Safeguard Performance Rating: | |
| Safeguard Performance Rating - Rationale: | |

Reformulation Information

| | |
|---|----|
| Main Operation | |
| Was/Were the objective(s) of this operation reformulated? | NO |
| Date of approval: | |

Expense Categories by Loan Contract (cumulative values)



Results Matrix

Impacts

No information related to this operation.

Outcomes

| | | | | | | | | | | |
|---|---|------------------------|-----------------|----------------------|--|--------------------------------|-------------|-------------|------------|--------|
| Outcome: | 1 Factores de riesgo del sistema de drenaje en los macrodistritos Centro, Cotahuma y Sur prevenidos y mitigados | | | | | | | | | |
| Observation: | | | | | | | | | | |
| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | EOP | |
| 1.1 Casos atendidos por problemas hidráulicos, hidrogeológicos y geodinámicos | | Casos | 813.00 | 2007 | Reporte de la Dirección de Mantenimiento. Informes de la DGIR. | Casos atendidos por problemas | P | | 610.00 | 610.00 |
| | | | | | | as | P(a) | | 610.00 | 610.00 |
| | | | | | | hidráulicos, | A | | 347.00 | 347.00 |
| | | | | | | hidrogeológicos y geodinámicos | | | | |
| | | | | | | | | | | |
| Outcome: | 2 Esguerramiento superficial controlado y mitigado en los macrodistritos de Cotahuma , Max Paredes y Centro | | | | | | | | | |
| Observation: | | | | | | | | | | |

| Indicators | | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | | 2013 | EOP |
|---|---|-----------|-----------------|----------|---|---|--------------|--------|--------|--------|-----|
| 2.1 Sumideros taponados en los 3 macrodistritos | | Sumideros | 271.00 | 2007 | Reporte de la Dirección de Mantenimiento. Informe o reporte del SIREMU. | Número de sumideros taponados en los 3 macrodistritos reducido en 10% al final del proyecto . Los reportes obtenidos son generales. Se está coordinando para obtener resultados para aquellas obras realizadas por el PDP | P | 244.00 | | 244.00 | |
| | P(a) | | | | | | 244.00 | | 244.00 | | |
| | A | | | | | | 271.00 | 405.00 | 405.00 | | |
| Outcome: | 3 Aires de río y franjas de seguridad de drenajes definidos y administrados | | | | | | | | | | |
| Observation: | | | | | | | | | | | |

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | | 2013 | EOP |
|--|--------|-----------------|----------|---------------|--------------------------------|---|------|--------|--------|--------|
| 3.1 Trámites atendidos por la DGIR para definición de aires de río y franjas | | Tramites | 645.00 | 2007 | Reporte Sitram Reporte DGIR | Número de trámites atendidos por la DGIR para definición de aires de río y franjas reducido en un 50% anual. Una vez implementado el SIG la información podrá ser diferenciada por el sistema para el PDP | P | | 323.00 | 323.00 |
| | P(a) | | | | | | | 323.00 | 323.00 | |
| | A | | | | | | | 30.00 | 30.00 | |
| | | | | | | | | | | |

Outcome:

4 Gestión ambiental sobre drenajes pluviales fortalecida

Observation:

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | | 2013 | EOP |
|---|--------|-----------------|----------|---------------|---|---|------|------------|------------|------------|
| | | | | | | | | | | |
| 4.1 Habitantes que conocen el riesgo de depositar residuos solidos en sumideros y canales | | Habitantes | 0.00 | 2007 | Encuestas Reporte de monitoreo del PEAPAC | El 30% de la población (509.721) de la zona de intervención conoce los riesgos de depositar residuos sólidos en los sumideros y canales | P | | 152,912.00 | 150,000.00 |
| | P(a) | | | | | | | 152,912.00 | 150,000.00 | |
| | A | | | | | | | 138,418.00 | 138,418.00 | |
| | | | | | | | | | | |

| Control de Inundaciones Erosión | | Physical Progress | | | Financial Progress | | |
|---|---------------------|-------------------|-------|----------|--------------------|--------------|--------------|
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |
| Embovedado Río Choqueyapu construído | Metro | P | | 1,257.00 | P | 203,523.00 | 9,429,013.53 |
| | | P(a) | | 1,257.00 | P(a) | 203,523.00 | 9,435,804.90 |
| | | A | | 1,257.00 | A | 210,314.37 | 9,435,804.90 |
| Canalización del río Huayñajahuira construída | Metro | P | | 1,957.00 | P | | 2,012,500.02 |
| | | P(a) | | 1,957.00 | P(a) | | 2,015,179.49 |
| | | A | | 1,957.00 | A | 2,679.47 | 2,015,179.49 |
| Bóveda del río San Pedro construída y reparada | Metro | P | | 2,244.00 | P | 17,433.00 | 1,670,454.73 |
| | | P(a) | | 2,244.00 | P(a) | 17,433.00 | 1,662,428.22 |
| | | A | | 2,244.00 | A | 9,406.49 | 1,662,428.22 |
| Estudios TESA Realizados | Estudio | P | | 6.00 | P | 65,952.72 | 495,194.52 |
| | | P(a) | | 6.00 | P(a) | 65,952.72 | 495,642.81 |
| | | A | | 6.00 | A | 66,401.01 | 495,642.81 |
| Sumideros de alta capacidad construídos | Sumideros | P | | 26.00 | P | | 369,778.62 |
| | | P(a) | | 26.00 | P(a) | | 370,289.90 |
| | | A | | 26.00 | A | 511.28 | 370,289.90 |
| Obras de control de erosión en las cuencas de los ríos Jake Jake y Charapaya concluídas | Obra | P | 1.00 | 1.00 | P | 243,421.72 | 1,398,033.19 |
| | | P(a) | 1.00 | 1.00 | P(a) | 243,421.72 | 1,101,795.54 |
| | | A | 1.00 | 1.00 | A | -52,815.93 | 1,101,795.54 |
| Plan de Prevención de Riesgos de Desastres elaborado | Planes | P | | 0.00 | P | | 5,066.00 |
| | | P(a) | | 1.00 | P(a) | | 151,118.56 |
| | | A | 1.00 | 1.00 | A | 146,052.56 | 151,118.56 |
| Estudios para el manejo de cuencas y drenajes concluídos | Estudios | P | | 0.00 | P | | 0.00 |
| | | P(a) | | 2.00 | P(a) | | 196,727.50 |
| | | A | 2.00 | 2.00 | A | 196,727.50 | 196,727.50 |
| Programa de Educación Ambiental y Participación Ciudadana | Unidades educativas | P | | 150.00 | P | 224,265.00 | 595,419.87 |
| | | P(a) | | 150.00 | P(a) | 224,265.00 | 508,109.32 |
| | | A | | 150.00 | A | 136,954.45 | 508,109.32 |
| Obras menores de drenaje y control de erosión reembolsadas | Obras | P | 19.00 | 31.00 | P | 317,545.91 | 1,060,466.78 |
| | | P(a) | 19.00 | 30.00 | P(a) | 317,545.91 | 1,123,250.54 |
| | | A | 18.00 | 30.00 | A | 380,329.67 | 1,123,250.54 |
| Sistema de Alerta Temprana mejorado | Sistema | P | | | P | | |
| | | P(a) | | 1.00 | P(a) | | 1,374,213.08 |
| | | A | 1.00 | 1.00 | A | 1,374,213.08 | 1,374,213.08 |
| Desarrollo Institucional y Gestión Ambiental | | Physical Progress | | | Financial Progress | | |
| Outputs | Unit of Measure | 2013 | | EOP | 2013 | | EOP |
| Direcciones de Calidad Ambiental y Gestión Integral de riesgos equipadas | Direcciones | P | | 1.00 | P | | 449,426.69 |
| | | P(a) | | 2.00 | P(a) | | 515,731.36 |
| | | A | 1.00 | 2.00 | A | 66,304.67 | 515,731.36 |
| Diseño e implantación del SIG para la gestión del sistema de Drenaje | SIG | P | | 0.00 | P | 90,000.00 | 214,736.40 |
| | | P(a) | | 1.00 | P(a) | 90,000.00 | 195,852.89 |
| | | A | 1.00 | 1.00 | A | 71,116.49 | 195,852.89 |
| Plan Director de Ordenamiento ecologico territorial de uso de suelo para la cuenca del Río Huayñajauira | Cuenca | P | 1.00 | 1.00 | P | 119,880.52 | 124,946.52 |
| | | P(a) | 1.00 | 1.00 | P(a) | 119,880.52 | 124,866.01 |
| | | A | 1.00 | 1.00 | A | 119,800.01 | 124,866.01 |
| Contenedores construidos e instalados en las áreas de intervención | Pieza | P | 5.00 | 5.00 | P | 59,985.42 | 59,985.42 |
| | | P(a) | 5.00 | 5.00 | P(a) | 59,985.42 | 59,985.42 |
| | | A | 5.00 | 5.00 | A | 59,985.42 | 59,985.42 |
| Administracion y Gestion | | | | | | | |

| Other Cost | | 2013 | Cost |
|--|------|----------------|-----------------|
| Administración, evaluación, seguimiento, costos financieros y auditorías | P | \$57,800.00 | \$1,631,316.84 |
| | P(a) | \$57,800.00 | \$2,650,785.48 |
| | A | \$1,077,268.64 | \$2,650,785.48 |
| Total Cost | | 2013 | Total Cost |
| | P | \$1,399,807.29 | \$19,516,339.13 |
| | P(a) | \$1,399,807.29 | \$19,516,339.13 |
| | A | \$3,865,249.18 | \$21,981,781.02 |

Changes to the Matrix

No information related to this operation.

Please note that the Overall Stage represents the stage of the operation at the time of this report’s publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains.