



Operation Number: **HO-X1017**
Year- PMR Cycle: **First period Jan-Jun 2015**
Last Update: **10/22/2015**
PMR Validation Stage: **Validated by Representative**

Chief of Operations validation date: **10/22/2015**
Division Chief validation date: **10/28/2015**
Country Representative validation date: **10/29/2015**

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

Operation Profile

Basic Data

| | | | |
|------------------------|---|-------------------|---|
| Operation name: | Rural Potable Water Program | Loan Number: | GRT/WS-12850-HO |
| Executing Agency (EA): | SERVICIOS AUTONOMO NACIONAL DE ACUEDUCTOS Y ALCANTARILLADOS | | |
| Team Leader: | Velasquez Matute,Max | Sector/Subsector: | AS |
| Operation Type: | Investment Grants | Overall Stage: | Disbursing (From eligibility until all the loans are closed). |
| Lending Instrument: | | Country: | HONDURAS |
| Borrower: | Convergence related Operation(s): | | |

Total Cost and Source

| | Original IDB | Current Active IDB | Local Counterpart | Co-Financing/Country | Total operation cost - Original Estimate |
|----------|-----------------|--------------------|-------------------|----------------------|--|
| HO-X1017 | \$25,000,000.00 | \$25,000,000.00 | \$2,500,000.00 | \$0.00 | \$27,500,000.00 |

Available Funds (US\$)

| | Current IDB | Disb. Amount to Date | % Disbursed | Undisbursed Balance |
|----------|-------------|----------------------|-------------|---------------------|
| HO-X1017 | \$0.00 | \$0.00 | | \$0.00 |

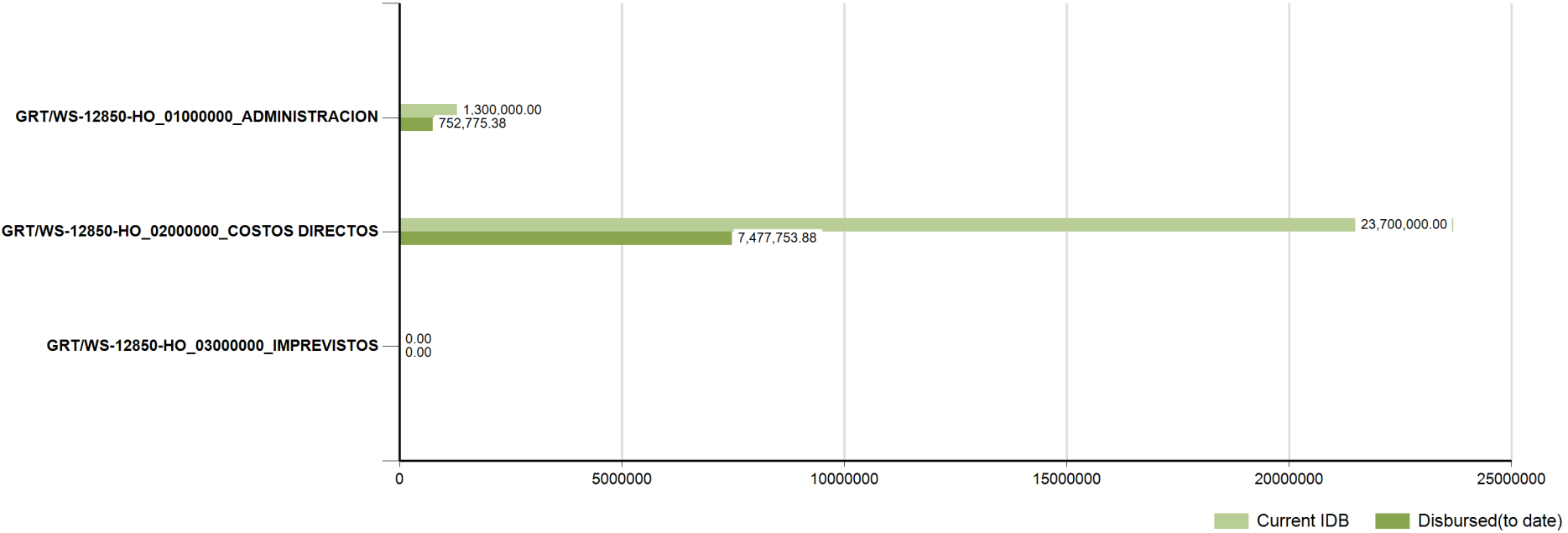
Environmental and Social Safeguards

| | |
|---|--|
| Main Operation | |
| Impacts Category: | |
| 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


| Impact: | 1 Acceso a servicios de agua potable en comunidades rurales menores a 2.000 habitantes mejorado | | | | | | | | | | | |
|--|---|-----------------|----------|---------------|---|--|------|------|------|------|------|-------|
| Observation: | | | | | | | | | | | | |
| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | 2014 | 2015 | EOP | |
| 1.1 Cobertura de servicio adecuado de agua en comunidades rurales menores a 2.000 habitantes | | % | 77.20 | 2011 | Linea de Base: Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM) del Instituto Nacional de Estadística de Honduras (INE) | El país no esta produciendo la Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM), por lo que a falta de estos datos se podrá utilizar el informe de avance del programa | P | 0.63 | 0.70 | 0.70 | 0.45 | 79.68 |
| | | | | | | | P(a) | 0.63 | 0.70 | 0.50 | 0.60 | 79.68 |
| | | | | | | | A | | 0.16 | 0.55 | 0.55 | |

| Impact: | 2 Acceso a servicios saneamiento en comunidades rurales menores a 2.000 habitantes mejorado | | | | | | | | | | | |
|---|---|-----------------|----------|---------------|---|---|------|------|------|------|------|-------|
| Observation: | | | | | | | | | | | | |
| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | 2014 | 2015 | EOP | |
| 2.1 Cobertura de saneamiento adecuado en comunidades rurales menores a 2.000 habitantes | | % | 79.70 | 2011 | Linea de Base: Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM) del Instituto Nacional de Estadística de Honduras (INE) | El país no esta produciendo la Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM), por lo que de manera alterna se podrá utilizar el informe de avance en la ejecución del Programa | P | 0.61 | 0.68 | 0.68 | 0.44 | 82.11 |
| | | | | | | | P(a) | 0.61 | 0.68 | 0.30 | 0.60 | 82.11 |
| | | | | | | | A | | 0.14 | 0.08 | 0.27 | |

 RF - RF Indicator  SI - Sector Indicator  CI - Country Indicator  PG - Pro-Gender  PE - Pro-Ethnicity

Outcomes

| | |
|--------------|---|
| Outcome: | 1 Cobertura de servicios de agua potable ampliada |
| Observation: | |

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | 2014 | 2015 | 2016 | EOP | |
|--|---|-----------------|------------|---------------|---|--|------|----------|----------|----------|-----------|------------|------------|
| | | | | | | | P | 4,000.00 | 4,500.00 | 4,500.00 | 2,900.00 | | 655,874.00 |
| 1.1 Hogares con acceso a servicio adecuado de agua en comunidades rurales menores a 2.000 habitantes |  RF | Hogares | 639,974.00 | 2011 | Linea de Base: Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM) del Instituto Nacional de Estadística de Honduras (INE) | El país no esta produciendo la Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM), por lo que a falta de estos datos se podrá utilizar el informe de avance del programa | P(a) | 0.00 | 1,402.00 | 3,226.00 | 11,196.00 | 5,125.00 | 653,274.00 |
| | | | | | | A | 0.00 | 1,478.00 | 3,650.00 | 3,047.00 | | 653,274.00 | |
| | | | | | | | | | | | | | |

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | 2014 | 2015 | 2016 | EOP | |
|---|--------|-----------------|------------|---------------|---|--|------|----------|----------|----------|----------|----------|------------|
| | | | | | | | P | 4,000.00 | 4,500.00 | 4,500.00 | 2,900.00 | | 676,868.00 |
| 2.1 Hogares con solución individual de saneamiento (letrinas, fosas sépticas, etc.) en comunidades rurales menores a 2.000 habitantes | RF | Hogares | 660,968.00 | 2011 | Linea de Base: Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM) del Instituto Nacional de Estadística de Honduras (INE) | El país no esta produciendo la Encuesta Permanente de Hogares de Propósitos Múltiples (EPHPM), por lo que a falta de estos datos se podrá utilizar el informe de avance del programa | P(a) | 0.00 | 1,402.00 | 3,000.00 | 7,000.00 | 1,816.00 | 666,142.00 |
| | | | | | | | A | | 929.00 | 967.00 | 1,416.00 | | |

| 2.1 Conexiones domiciliarias de alcantarillado sanitario | | | Hogares | | 2014 | Acta de Recepcion Final del Programa | | P | | | | | 872.00 | 542.00 | 1,414.00 |
|--|--|--------|-----------------|----------|----------------|---|--|------|-------|-------|-------|-------|--------|----------|----------|
| | | | | | | | | P(a) | | | | | | | |
| | | | | | | | | A | | | | | 0.00 | | |
| 2.2 Hogares cuyas aguas residuales son tratadas | | | Hogares | 0.00 | 2015 | Acta de Recepcion Final | | P | | | | | | | |
| | | | | | | | | P(a) | | | | | 923.00 | 1,131.00 | 2,054.00 |
| | | | | | | | | A | | | | | 0.00 | | |
| Outcome: | 3 Condiciones de acceso de los hogares a agua apta para cosumo humano mejorada | | | | | | | | | | | | | | |
| Observation: | Acequibilidad a agua potable mejorada | | | | | | | | | | | | | | |
| Indicators | | Flags* | Unit of Measure | Baseline | Baselin e Year | Means of verificatio n | Observ ations | 2012 | | 2013 | 2014 | 2015 | 2016 | EOP | |
| 3.1 Promedio de consumo de agua para hogares rurales con soluciones financiadas por el programa | | | l/p/d | 21.00 | 2011 | Encuesta socioeconómica a ser realizada como parte de la evaluación ex post. Reporte de la Unidad Ejecutora del Programa | El consum o el l/p/d (litros por persona por día) estará de acuerdo a condicio nes de diseño particula res | P | 95.00 | 95.00 | 95.00 | 95.00 | | 95.00 | |
| | | P(a) | | | | | | 0.00 | 95.00 | 95.00 | 95.00 | | 95.00 | | |
| | | A | | | | | | 0.00 | 95.00 | 95.00 | 95.00 | | | | |
| | | | | | | | | | | | | | | | |
| 3.2 Costo promedio de abastecimiento de agua en hogares con soluciones financiadas por el programa | | | \$/M3 | 1.90 | 2011 | Encuesta socioeconómica a ser realizada como parte de la evaluación ex post. Reporte de la Unidad Ejecutora del Programa. | El costo de abasteci miento del hogar tendra como base de calculo la estructur a tarifaria. | P | 0.64 | 0.64 | 0.64 | 0.64 | | 0.64 | |
| | | P(a) | | | | | | 0.00 | 0.64 | 0.64 | 0.64 | | 0.64 | | |
| | | A | | | | | | 0.00 | 0.24 | 0.15 | 0.15 | | | | |
| | | | | | | | | | | | | | | | |
| Outcome: | 4 Viabilidad economica mejorada | | | | | | | | | | | | | | |
| Observation: | | | | | | | | | | | | | | | |
| Indicators | | Flags* | Unit of Measure | Baseline | Baselin e Year | Means of verificatio n | Observ ations | 2012 | | 2013 | 2014 | 2015 | 2016 | EOP | |
| 4.1 Tasa interna de retorno económico | | | Tasa | 12.00 | 2011 | Informe de semestral progreso del programa | | P | 12.00 | 12.00 | 12.00 | 12.00 | | 12.00 | |
| | | P(a) | | | | | | 0.00 | 12.00 | 12.00 | 12.00 | | 12.00 | | |
| | | A | | | | | | 0.00 | 12.00 | 12.00 | 12.00 | | 12.00 | | |
| | | | | | | | | | | | | | | | |
| Outcome: | 5 Sistemas de Agua Potable y saneamiento sostenibles | | | | | | | | | | | | | | |
| Observation: | | | | | | | | | | | | | | | |

| Indicators | | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | 2014 | 2015 | 2016 | EOP | |
|---|--|--------|-----------------|----------|---------------|---|---|------|-------|-------|-------|-------|-------|--------|
| | | | | | | | | | | | | | | |
| 5.1 Sistemas de agua potable funcionando según especificaciones de diseño | | | Sistema | 0.00 | 2011 | Semestral de la Unidad Ejecutora del programa, Evaluación Intermedia y final, Sistema de información ERSAPS | Se considera que un sistema funciona según las especificaciones de diseño cuando se cumplen las correspondientes especificaciones en materia de cantidad, calidad y presión del agua. | P | 29.00 | 41.00 | 40.00 | 33.00 | | 143.00 |
| | | | | | | | | P(a) | 0.00 | 14.00 | 18.00 | 70.00 | 26.00 | 76.00 |
| | | | | | | | | A | | 12.00 | 15.00 | 23.00 | | 76.00 |
| | | | | | | | | | | | | | | |
| 5.2 Juntas de agua financieramente sostenibles | | | Juntas de Agua | 0.00 | 2011 | Reportes Regionales del SANAA, Reporte Semestral de la Unidad Ejecutora, Evaluación Intermedia, Evaluación Final, Sistema de información ERSAPS | Se considera que una Junta de Agua es financieramente sostenible cuando los ingresos de la Junta que administra el sistema son mayores a sus egresos. | P | 29.00 | 41.00 | 40.00 | 33.00 | | 143.00 |
| | | | | | | | | P(a) | 0.00 | 14.00 | 20.00 | 0.00 | | 80.00 |
| | | | | | | | | A | | 56.00 | 24.00 | 0.00 | | 80.00 |
| | | | | | | | | | | | | | | |
| Outcome: | 6 Municipios que cumplen con la Ley Marco del Sector de agua y saneamiento incrementados | | | | | | | | | | | | | |
| Observation: | | | | | | | | | | | | | | |

| Indicators | Flags* | Unit of Measure | Baseline | Baseline Year | Means of verification | Observations | 2012 | 2013 | 2014 | 2015 | 2016 | EOP |
|---|--------|-----------------|----------|---------------|---|---|------|-------|-------|------|-------|-------|
| 6.1 Municipios con Mecanismos de Regulación | | Munipios | 61.00 | 2011 | Reporte Semestral de la Unidad Ejecutora del programa y reportes de ERSAPS. | Se considera un Municipio con mecanismo de regulación implementado, aquellos que han organizado la Unidad de Supervisión y Control Social (USCL) y el Comité Municipal de Aguas (COMAS) y se ha organizado una Asociación de Junta de Agua Municipal (AJAM) | P | 14.00 | 14.00 | | | 89.00 |
| | | | | | | | P(a) | 0.00 | 14.00 | 0.00 | 28.00 | 28.00 |
| | | | | | | | A | | 0.00 | 0.00 | | |
| | | | | | | | | | | | | |

Outputs: Annual Physical and Financial Progress

| Proyectos de Agua y Saneamiento | | Physical Progress | | | Financial Progress | | |
|---|-------------------------|-------------------|----------|-----------|--------------------|--------------|---------------|
| Outputs | Unit of Measure | | 2015 | EOP | | 2015 | EOP |
| Sistema de agua potable nuevos construidos en comunidades rurales menores a 2.000 habitantes construidos | Sistemas | P | 33.00 | 123.00 | P | 3,944,273.00 | 13,374,000.00 |
| | | P(a) | 14.00 | 54.00 | P(a) | 2,694,807.00 | 10,476,976.65 |
| | | A | 1.00 | 19.00 | A | 1,578,760.84 | 5,731,472.52 |
| Sistema de agua potable mejorados en comunidades rurales menores a 2.000 habitantes | Sistemas | P | 6.00 | 20.00 | P | 387,664.00 | 1,240,000.00 |
| | | P(a) | 4.00 | 17.00 | P(a) | 800,000.00 | 3,815,845.66 |
| | | A | 4.00 | 13.00 | A | 533,093.42 | 3,252,570.56 |
| Talleres de capacitación en participación comunitaria realizados | Tallere | P | 78.00 | 286.00 | P | 200,000.00 | 590,000.00 |
| | | P(a) | 0.00 | 267.00 | P(a) | 0.00 | 25,919.22 |
| | | A | 0.00 | 267.00 | A | 0.00 | 25,919.22 |
| Talleres de capacitación sobre leyes y reglamentación de Juntas de Agua realizados (Para juntas de agua) | Taller | P | 78.00 | 286.00 | P | 172,000.00 | 512,000.00 |
| | | P(a) | 20.00 | 110.00 | P(a) | 16,674.00 | 42,593.22 |
| | | A | 20.00 | 110.00 | A | 6,988.17 | 32,907.39 |
| Talleres de capacitación en administración de sistemas realizados (para Juntas Administradoras de Agua) | Taller | P | 78.00 | 286.00 | P | 80,000.00 | 270,000.00 |
| | | P(a) | 51.00 | 116.00 | P(a) | 27,790.00 | 53,709.22 |
| | | A | 11.00 | 76.00 | A | 5,500.00 | 31,419.22 |
| Talleres de capacitacion ambiental y comunitaria realizados | Taller | P | 117.00 | 429.00 | P | 191,000.00 | 551,000.00 |
| | | P(a) | 0.00 | 222.00 | P(a) | 0.00 | 26,119.22 |
| | | A | 21.00 | 243.00 | A | 0.00 | 26,119.22 |
| Diseños técnicos de acuedos rurales elaborados | Diseños | P | 5.00 | 65.00 | P | 3,389.00 | 682,000.00 |
| | | P(a) | 24.00 | 72.00 | P(a) | 146,744.00 | 241,244.69 |
| | | A | 21.00 | 69.00 | A | 857.23 | 95,357.92 |
| Soluciones individuales de saneamineto (Letrinas) construidas en comunidades rurales menores a 2,000 habitantes | Soluciones Individuales | P | 2,900.00 | 15,900.00 | P | 1,345,650.00 | 4,529,000.00 |
| | | P(a) | 1,500.00 | 5,258.00 | P(a) | 700,000.00 | 3,933,400.00 |
| | | A | 1,416.00 | 3,312.00 | A | 200,020.18 | 1,377,534.37 |
| Módulos escolares de agua y saneamiento construidos | Modulo | P | 40.00 | 210.00 | P | 163,194.00 | 522,000.00 |
| | | P(a) | 28.00 | 77.00 | P(a) | 200,000.00 | 559,400.00 |
| | | A | 17.00 | 37.00 | A | 86,858.35 | 282,355.93 |
| Talleres de capcitación en operación y mantenimiento (Para fontaneros) | Taller | P | 78.00 | 286.00 | P | 80,000.00 | 270,000.00 |
| | | P(a) | 7.00 | 109.00 | P(a) | 11,117.00 | 37,036.23 |
| | | A | 7.00 | 109.00 | A | 5,500.00 | 31,419.23 |
| Soluciones de Tratamiento Sanitario Construidas | Sistemas | P | | 0.00 | P | | 0.00 |
| | | P(a) | 2.00 | 6.00 | P(a) | 800,000.00 | 3,000,000.00 |
| | | A | 1.00 | 1.00 | A | 345,175.65 | 632,354.32 |
| Fortalecimiento Institucional | | Physical Progress | | | Financial Progress | | |
| Outputs | Unit of Measure | | 2015 | EOP | | 2015 | EOP |
| Sistema de informacion de acuerductos rurales actualizado (SIAR) | Sistema | P | | 1.00 | P | | 348,557.00 |
| | | P(a) | 1.00 | 1.00 | P(a) | 60,000.00 | 168,067.49 |
| | | A | 1.00 | 1.00 | A | 22,397.10 | 130,464.59 |
| Oficinas regionales y centrales del Servicio Nacional de Acueductos y Alcantarillado (SANAA) equipadas | Oficinas | P | | 10.00 | P | | 509,000.00 |
| | | P(a) | 10.00 | 20.00 | P(a) | 250,000.33 | 730,421.00 |
| | | A | 0.00 | 10.00 | A | 0.00 | 480,420.67 |
| Asociaciones Municipales de Juntas de Agua creadas | Asociaciones | P | 20.00 | 70.00 | P | 87,000.00 | 308,000.00 |
| | | P(a) | 31.00 | 70.00 | P(a) | 10,000.00 | 173,767.28 |
| | | A | 9.00 | 48.00 | A | 76,170.97 | 239,938.25 |

| | | | | | | | |
|--|-----------------|------|-------|-------|------|-----------|------------|
| Pruebas piloto de sostenibilidad implementadas | Pruebas Piloto | P | 1.00 | 2.00 | P | 2,000.00 | 74,000.00 |
| | | P(a) | 2.00 | 2.00 | P(a) | 30,000.00 | 74,000.00 |
| | | A | 1.00 | 1.00 | A | 0.00 | 23,584.00 |
| Bancos de cloro creados | Bancos de cloro | P | 20.00 | 70.00 | P | | 52,000.00 |
| | | P(a) | 48.00 | 70.00 | P(a) | 20,000.00 | 53,000.00 |
| | | A | 0.00 | 22.00 | A | 15,475.11 | 21,222.01 |
| Normativa de diseño y construcción de agua potable y saneamiento actualizadas | Normativa | P | | 1.00 | P | | 158,000.00 |
| | | P(a) | 0.00 | 1.00 | P(a) | 17,767.00 | 136,434.12 |
| | | A | 0.00 | 0.00 | A | 0.00 | 17,069.25 |
| Municipios cumpliendo con la norma nacional de regulación | Municipios | P | 20.00 | 70.00 | P | | 500,000.00 |
| | | P(a) | 0.00 | 28.00 | P(a) | 25,000.00 | 300,000.00 |
| | | A | 0.00 | 0.00 | A | 0.00 | 0.00 |
| Manuales de Tecnico en Operacion y mantenimiento (TOM) y Tecnico en Agua y Saneamiento (TAS) | Manual | P | | 1.00 | P | | 25,000.00 |
| | | P(a) | 1.00 | 2.00 | P(a) | 25,000.00 | 50,000.00 |
| | | A | 0.00 | 0.00 | A | 0.00 | 0.00 |
| Metodología Trabajo Capacitación Comunitaria y de Juntas de Agua Mejorada | Metodología | P | | 0.00 | P | | 0.00 |
| | | P(a) | | 1.00 | P(a) | | 200,000.00 |
| | | A | | 0.00 | A | 0.00 | 0.00 |
| Manuales de prefactibilidad de Sistemas actualizado | Manual | P | | 1.00 | P | | 25,000.00 |
| | | P(a) | 0.00 | 0.00 | P(a) | 0.00 | 0.00 |
| | | A | 0.00 | 0.00 | A | 0.00 | 0.00 |

Gestion del Programa

| Other Cost | | 2015 | Cost |
|----------------------------------|------|----------------|-----------------|
| Imprevistos | P | \$500,000.00 | \$1,000,000.00 |
| | P(a) | \$0.00 | \$1,000,000.00 |
| | A | \$0.00 | \$0.00 |
| Gestion del Programa | P | \$500,000.00 | \$1,600,000.00 |
| | P(a) | \$337,907.00 | \$2,326,911.00 |
| | A | \$163,937.60 | \$1,627,318.71 |
| Monitoreo evaluacion y auditoria | P | \$115,000.00 | \$360,000.00 |
| | P(a) | \$43,954.00 | \$170,000.00 |
| | A | \$7,619.80 | \$42,911.83 |
| Total Cost | | 2015 | Total Cost |
| | P | \$7,771,170.00 | \$27,499,557.00 |
| | P(a) | \$6,216,760.33 | \$24,426,439.09 |
| | A | \$3,048,354.42 | \$14,102,359.21 |

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.