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| **SOLICITANTE** | **CENAPRED** | **PROYECTO DE INVESTIGACIÓN** | **Análisis de riesgos por manejo de sustancias peligrosas en vías férreas** |

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| **N°** | **ACTIVIDADES** | | **PLAZO** | | **1-2** | | | | **3-4** | | | | **5-6** | | | | **7-8** | | | | **9-10** | | | | **11-12** | | | | **13-14** | | | | **15-16** | | | | | **17-18** | | | | **COSTOS** |
| **MESES** | **SEMANAS** |
| **1** | **Actividad 1 Gestiones administrativas** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **$0.00** |
| 1.1 | Gestiones de cumplimiento al Oficio Circular no. SRACP/300/1022/2017, emitido por la Secretaría de la Función Pública. | **1** | **4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | **$0.00** |
| 1.2 | Gestiones de autorización de procedimiento administrativo y/o jurídico aplicable, según se desprenda de los resultados de lo señalado en el punto 1.1. | **1** | **4** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | **$0.00** |
| 1.3 | Gestiones para dictamen favorable de la DGTIC | **2** | **8** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | **$0.00** |
| 1.4 | Gestiones UG de Asuntos Jurídicos de la SEGOB y suscripción del instrumento. | **6** | **24** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | **$0.00** |
| **2** | **Actividad 2 Identificación de peligro por transporte ferroviario** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **$1,000,000.00** |
| 2.1 | Recopilación de información sobre las sustancias peligrosas transportadas y sus cantidades, el origen-destino de las principales sustancias. Capa geo-referenciada de las trayectorias de todas las vías ferroviarias y la ubicación de puntos intermodales. | **8** | **32** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | **$1,000,000.00** |
| **3** | **Actividad 3 Sistema computacional integrado al ANR** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **$2,574,000.00** |
| 3.1 | Módulo computacional con los programas SCRI y ALOHA para el cálculo de las áreas de afectación mediante la simulación de escenarios de accidentes integrado al ANR. | **10** | **40** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | |  |  |  |  |  |  |  |  | **$2,574,000.00** |

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| **Subtotal 1** | **$0.0** | |
| **COPARTICIPACIÓN** | | **$0.0** |
| **FOPREDEN** | | **$3,574,000.00** |
| **TOTAL PROYECTO DE INVESTIGACIÓN** | | **$3,574,000.00** |

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| **Gastos de Operación y Supervisión** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | **(f)** |
| **1** | **No aplica** |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |  |  |  | |  |
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| **Calendario de Aportaciones** | **MES**  **1** | **MES**  **2** | **MES**  **3** | **MES**  **4** | **MES**  **5** | **MES**  **6** | **MES**  **7** | **MES**  **8** | **MES**  **9** | **MES**  **10** | **MES**  **11** | **MES**  **12** | **MES**  **13** | **MES**  **14** | **MES**  **15** | **MES**  **16** | **MES**  **17** | **MES**  **18** | **TOTAL** |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | **$1,000,000.00** |  | **$2,574,000.00** | **$3,574,000.00** |

El presente Proyecto de Investigación para la Prevención fue aprobado en la Quinta Sesión Extraordinaria del Comité Interno de la Subcuenta de Investigación para la Prevención del Fondo para la Prevención de Desastres Naturales (Se anexa acta).