### Annex 10b – Proposed CAWPB 2012 of Malaysia Component

## PART II (A) MALAYSIA CAWPB 2012 MATRIX

| ACTIVITIES                                                                                                                                                                                          | Yr1      | Yr2     | Yr3      | Yr4    | INDICATOR                              | TARGET (Year 3)                                                                                                                                                                                                                                   |               |    | TIME | LINE |    |                       |                       |
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| COMPONENT SUB-OUTCOME 1: Ca<br>framework for sustainable peatland n<br>strengthened                                                                                                                 | nanage   |         |          |        | Peatland<br>management<br>strengthened |                                                                                                                                                                                                                                                   | %<br>ACHIEVED | Q1 | Q2   | Q3   | Q4 | GEF<br>TOTAL<br>(USD) | GEF<br>BUDGET<br>2012 |
| OUTPUT 1.1: I                                                                                                                                                                                       | Policy a | and pla | nning fi | ramewo | ork for peatland m                     | nanagement strengthened at nati                                                                                                                                                                                                                   | onal level    |    |      |      |    | \$105,000             | \$61,300              |
| Activity 1.1.1: Implement and regularly update national policies on peatlands – particularly National Action Plan for Peatlands and National Wetland Policy through the National Wetland Committee. |          |         |          |        |                                        | Stakeholder consultation/<br>workshop                                                                                                                                                                                                             |               | _  | _    |      |    | \$36,850              | \$18,400              |
| Activity 1.1.2: Organise a campaign on sustainable peatland management and fire prevention with relevant awareness materials.                                                                       |          |         |          |        |                                        | Awareness materials - video, leaflet & poster (translation & review)                                                                                                                                                                              |               | _  | _    | L    | _  | \$28,150              | \$12,900              |
| Activity 1.1.3: Develop training materials and conduct training (workshops, study tours and seminars) for key stakeholders on sustainable management and restoration of peatlands.                  |          |         |          |        |                                        | (1) 4th PSC - Indonesia (Nov) (2) 6th Project management Meeting- Malaysia (May/June) (3) International Peat Congress 2012 - Stockholm (June) (4) Regional Working Group meeting on FDRS - Malaysia (Feb), Indonesia (Aug) (5) Awareness material |               |    |      |      |    | \$40,000              | \$30,000              |

| OUTPUT 1.2: Capacity for sustainable                                                                                                                          | =             | nagemen<br>ımt pract |         | or State strengthened to support peatland                                                                                              |   |   |   | \$67,000 | \$42,000 |
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| Activity 1.2.1: Organize training courses for stakeholders (govt. agencies, the private sectors, local communities etc.) on peatland management.              |               |                      |         | (1) Training course on Peat<br>Assessment (5000)<br>(2) Study Tour –<br>Indonesia/Thailand (7000)                                      | _ |   | _ | \$17,000 | \$12,000 |
| Activity 1.2.2: Carry out an awareness programme on best management practices and fire prevention.                                                            |               |                      |         | 1 Awareness programme/planting programme & 2 public talk (for stakeholders & local communitties)- continuous programme                 |   |   |   | \$20,000 | \$10,000 |
| Activity 1.2.3: Strengthen the state-level multi-stakeholder committee and state working group for peatlands to improve coordination for peatland management. |               |                      |         | (1) State PSC meeting & working comitee, Field visit (8000) (2) State action planpreliminary assessment data collection (12000)        |   |   |   | \$30,000 | \$20,000 |
| OUTPUT 1.3: Peatland Education                                                                                                                                | Centre at pil | ot site (N           | North S | ngor Peat Swamp Forest) established                                                                                                    |   |   |   | \$19,000 | \$19,000 |
| Activity 1.3.1: Provide inputs to the assessment of pilot site for specific public awareness activities.                                                      |               | _                    |         | Development of communication plan for pilot site                                                                                       |   | L |   | \$7,500  | \$7,500  |
| Activity 1.3.2: Support the development of information materials for the pilot site and support activities for the pilot site.                                |               |                      |         | Implementation of communication plans - prepare public awareness materials (e.g. media release, printed materials, video footage, etc) |   |   |   | \$11,500 | \$11,500 |

| Outp                                                                                                                                                                                     | SUB-TOTAL SUB-OUTCOME 1  PONENT SUB-OUTCOME 2: The degradation of peatlands in Malaysia due to fires minimised  OUTPUT 2.1: Status and trends of Malaysian peatlands determined (1) Travel & subsistance (3,000); Assessment of Pembers (10,000); Assessment of Pembers (10,000); (3) Field equipments and their root causes affecting earsity, carbon content and water ces.  The component of peatlands in Malaysian peatlands determined (1) Travel & subsistance (3,000); Assessment of Pembers (10,000); (3) Field equipments (10,000); (2) Blueprint for K (5000) – continuous programme  The component of the peatland areas protected (1) Travel & subsistance |                 |                   |                                                                                                                                  |  |  | \$49,000  | \$35,000  |
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| Activity 1.4.1: Provide technical coordination and support to component                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                   | National Expert (GEC)                                                                                                            |  |  | \$49,000  | \$35,000  |
|                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | SUB-T           | OTAL SUB-OUT      | COME 1                                                                                                                           |  |  | \$240,000 | \$157,300 |
|                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | f peatlands in  | areas             | Degraded peatland identified                                                                                                     |  |  |           |           |
|                                                                                                                                                                                          | ОИТРИТ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.1: Status and | trends of Malaysi | an peatlands determined                                                                                                          |  |  | \$125,000 | \$67,000  |
| Activity 2.1.1: Support the inventory of peatlands (National Forest Inventory 5) by Peninsular Malaysia Forest Department and record current status of peatlands in Peninsular Malaysia. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                   | Assessment of Peninsular<br>Malaysia Peatswamp Forest                                                                            |  |  | \$47,000  | \$23,000  |
| Activity 2.1.2: Undertake appropriate assessments on key issues including fire incidents and their root causes affecting biodiversity, carbon content and water resources.               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                   | (1) Consultantcy assessment<br>for carbon content of Selangor<br>PSF (5,000);<br>(2) Blueprint for KLSPSF<br>(5000) – continuous |  |  | \$23,000  | \$10,000  |
| Activity 2.1.3: Regular monitoring to determine changes or trends for management actions.                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                   | Monitoring and reporting<br>Malaysia Peatland issues                                                                             |  |  | \$20,000  | \$14,000  |
| Activity 2.1.4: Identify priority areas for conservation measures for peatland biodiversity and implement initial activities.                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                 |                   | (1) Development of peat profile<br>for Malaysia (5,000)<br>(2) Scientific Expedition on<br>KLSPSF/Raja Musa (15000)              |  |  | \$35,000  | \$20,000  |

| OUTPUT 2.2: Degradation of peatlands by fire in Selangor State reduced | \$80,000 | \$60,000 |  |
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| Activity 2.2.1: Identify critical fire-prone areas at NSPSF and South Selangor peatlands and develop appropriate fire prevention measures for these areas and undertake regular monitoring through increased patrols and enforcement activities. |                |               | 1) Travel & subsistence (3000) (2) Signboard/ Border marking (5,000) (3) Awareness material on fire prevention (4000) (4) Assessment of fire prone area in North Selangor Peatswamp Forest (5,000) | \$40,000  | \$20,000  |
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| Activity 2.2.2: Test and verify a fire prediction and warning system at pilot site.                                                                                                                                                              |                |               | Establish and maintain fire prediction and warning system                                                                                                                                          | \$20,000  | \$20,000  |
| Activity 2.2.3: Promote the involvement of community and local land owners in fire prevention and control (including support to the State Forest Fire Team).                                                                                     |                |               | Friends of Peat Swamp Forest                                                                                                                                                                       | \$20,000  | \$20,000  |
| OUTPUT 2.3: G                                                                                                                                                                                                                                    | Guidelines for | integrated pe | atland management in Malaysia developed and promoted                                                                                                                                               | \$57,000  | \$36,000  |
| Activity 2.3.1: Provide support in the development of an integrated fire prediction and warning system (fire hazard map, hotspots, fire danger rating, fire scars map).                                                                          |                |               | 1 training/workshop (for stakeholders agencies)                                                                                                                                                    | \$10,000  | \$6,000   |
| Activity 2.3.2: Promote ASEAN zero burning guidelines for fire prevention and control in peatlands in Malaysia through awareness activities.                                                                                                     |                |               | 1 Road show/ exhibition/ public talk (in any related workshop, conference, exhibition) & awarenees materials publication                                                                           | \$17,000  | \$10,000  |
| Activity 2.3.3: Collate, adapt and promote guidelines for sustainable use of peatlands relating to the following sectors: forestry, agriculture (small-holders and large-scale estates) & infrastructure through awareness activities.           |                |               | 2 Road show/ exhibition/ public talk (in any related workshop, conference, exhibition) & awarenees materials publication                                                                           | \$30,000  | \$20,000  |
|                                                                                                                                                                                                                                                  |                | SUB-TO        | TAL SUB-OUTCOME 2                                                                                                                                                                                  | \$262,000 | \$163,000 |

| COMPONENT SUB-OUTCOME 3: Best of selected demonstration sites iden                                                                                                                                                                                                         |               |           | es at   | Enhancing<br>sustainable<br>management<br>and use of<br>peatlands | Promoting the sustainable uses of peatland                                                                                                                                           |            |   |           |           |
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| OUTPUT 3.1:                                                                                                                                                                                                                                                                | Sustainable   | manager   | nent op | tions fr peatlands                                                | s showcased through demonstra                                                                                                                                                        | tion sites |   | \$141,600 | \$121,600 |
| Activity 3.1.1: Document and promote best management practices of demonstration sites (e.g. Maludam NP, Sarawak; Loagan Bunut, Sarawak; Klias Forest Reserve, Sabah; S.E Pahang PSF, Pahang; United Plantation, Perak) to upscale good management practices for peatlands. |               |           |         |                                                                   | Working Group Committee to discuss TOR (document & promotion for best management practices in peatland at demo sites)                                                                |            |   | \$96,600  | \$96,600  |
| Activity 3.1.2: Facilitate visits and study tours to demonstration sites. e.g. Princess Sirindhorn Centre, Phru Tho Daeng Thailand.                                                                                                                                        |               |           |         |                                                                   | (1) Training on Fire Prevention and Management - Thailand (April) (2) Intregrated Management of Peatlands - Thailand/Indonesia/Vietnam (April/Sept) (3) TWG Meeting - Brunei (April) |            | - | \$45,000  | \$25,000  |
| OUTF                                                                                                                                                                                                                                                                       | PUT 3.2: Inte | egrated m | anagen  | nent strategies fo                                                | r NSPSF and buffer zone adopted                                                                                                                                                      | d          |   | \$40,000  | \$30,000  |
| Activity 3.2.1: Review and update the Integrated Management Plan for NSPSF and support implementation of initial activities.                                                                                                                                               |               |           |         |                                                                   | Review Integrated<br>Management Plan for NSPSF                                                                                                                                       |            |   | \$15,000  | \$10,000  |
| Activity 3.2.2: Develop and promote approval of the management strategy for the NSPSF buffer zone to address land use conflicts and support implementation of initial activities.                                                                                          |               | _         |         |                                                                   | Consultancy to develop<br>management strategy for buffer<br>zone areas of NSPSF                                                                                                      |            |   | \$25,000  | \$20,000  |

| OUTPUT 3.3: Rehabili                                                                                                                             | tation o | f degr | aded p | eat swa | mp forest demoi | nstrated in Raja Musa FR and adj                                                                                                                | acent buffer z | one | \$90,000  | \$55,000  |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|--------|---------|-----------------|-------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----|-----------|-----------|
| Activity 3.3.1: Update and review the Rehabilitation Plan for the Raja Musa F.R and adjacent buffer zone.                                        |          |        |        |         |                 | (1) Consultancy (Rehabilitation<br>Plan developed for Raja Musa<br>F.R (15,000)<br>(2) Site Office - Pejabat<br>Ranger Bertari Jaya (20,000)    |                | _   | \$40,000  | \$35,000  |
| Activity 3.3.2: Organize workshops for training on rehabilitation techniques for relevant local stakeholders.                                    |          |        |        |         |                 | Participation in workshop/training for rehabilitation techniques (Workshop on Resource mobilization/incentive options- Cambodia/Indonesia-Sept; |                |     | \$15,000  | \$10,000  |
| Activity 3.3.3: Undertake and monitor results of rehabilitation activities including blocking of abandoned drains and replanting degraded areas. |          |        |        |         |                 | Canal blocking & Site<br>Rehabilitation activities                                                                                              |                |     | \$20,000  | \$0       |
| Activity 3.3.4: Document experience and lessons learned and promote to other areas in Selangor State to upscale learning.                        |          |        |        |         |                 | Documentation of lesson learnt from NSPF on rehabilitation                                                                                      |                |     | \$15,000  | \$10,000  |
|                                                                                                                                                  |          |        | 5      | SUB-TO  | TAL SUB-OUT     | COME 3                                                                                                                                          |                |     | \$271,600 | \$206,600 |

| COMPONENT SUB-OUTCOME 4: Guidelines for selected sector relating to peatland management prepared and adopted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Development of partnership s between private sector and local communities | Recruitment of members for working group                                                                                                                                                                                                                              |                      |                      |
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| OUTPUT 4.1: Sustainable ed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | conomic activities in                                                     | buffer zone of NSPSF enhanced                                                                                                                                                                                                                                         | \$80,000             | \$70,000             |
| Activity 4.1.1: Support a study to review impacts of existing livelihood and economic activities (water supply, township development, plantation, etc.) on peatlands and recommend mitigation measures within the buffer zone (e.g. better agriculture plantation management, development of eco-zone to reduce peat fire and haze in Berjuntai Bestari Jaya township).  Activity 4.1.2: Promote community involvement in sustainable peatland management activities through developing options for sustainable livelihood activities (e.g. ecotourism, recreational activities and community forestry programmes). |                                                                           | (1) Consultancy study on socio- economic activities within the buffer zone area of NSPSF (30,000); (2) workshop (10000)  Develop options for sustainable livelihood activities-to support Friends of Peat Swamp Forest (depends on research finding – Activity 4.1.1) | \$40,000<br>\$40,000 | \$40,000<br>\$30,000 |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 3-TOTAL SUB-OUT                                                           | COME 4                                                                                                                                                                                                                                                                | \$80,000             | \$70,000             |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Total Sub-Outcor                                                          | me                                                                                                                                                                                                                                                                    | \$853,600            | \$596,900            |
| SUB-OUTCOME 5: PROJEC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | T MANAGEMENT                                                              |                                                                                                                                                                                                                                                                       |                      |                      |
| Projec                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | t Administration & S                                                      | upport 3%                                                                                                                                                                                                                                                             | \$26,400             | \$18,000             |
| ТОТА                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | AL PROJECT                                                                | COSTS                                                                                                                                                                                                                                                                 | \$880,000            | \$614,900            |

### PART II (B) –MALAYSIA CAWPB 2012 BY ACCOUNTING CATEGORY

|                                                                                                                                                                                                     |                       |                       |                        |                   |             |              | ACCO        | UNTING CATE     | GORY        |     |     |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------------|------------------------|-------------------|-------------|--------------|-------------|-----------------|-------------|-----|-----|----------|
| ACTIVITIES                                                                                                                                                                                          | GEF<br>TOTAL<br>(USD) | GEF<br>BUDGET<br>2012 | GEF<br>BUDGET<br>SPENT | %<br>SPENT<br>GEF | A           | В            | С           | D               | E           | F   | G   | TOTAL    |
| COMPONENT S                                                                                                                                                                                         | UB-OUTCOME            | 1: Capacity ar        | nd institutional       | framework         | for sustain | able peatlan | d managemen | t in Malaysia s | trengthened |     |     |          |
| OUTPUT 1.1: Policy and planning framework for peatland management strengthened at national level                                                                                                    | \$105,000             | \$61,300              | \$23,819               | 23%               | \$0         | \$0          | \$5,000     | \$56,300        | \$0         | \$0 | \$0 | \$61,300 |
| Activity 1.1.1: Implement and regularly update national policies on peatlands – particularly National Action Plan for Peatlands and National Wetland Policy through the National Wetland Committee. | \$36,850              | \$18,400              | \$8,576                | 23%               |             |              | \$5,000     | \$13,400        |             |     |     | \$18,400 |
| Activity 1.1.2: Organise a campaign on sustainable peatland management and fire prevention with relevant awareness materials.                                                                       | \$28,150              | \$12,900              | \$15,243               | 54%               |             |              |             | \$12,900        |             |     |     | \$12,900 |
| Activity 1.1.3: Develop training materials and conduct training (workshops, study tours and seminars) for key stakeholders on sustainable management and restoration of peatlands.                  | \$40,000              | \$30,000              | \$0                    | 0%                |             |              |             | \$30,000        |             |     |     | \$30,000 |
| OUTPUT 1.2: Capacity for sustainable peatland<br>management in Selangor State strengthened to<br>support peatland mgmt practices                                                                    | \$67,000              | \$42,000              | \$8,629                | 13%               | \$0         | \$0          | \$20,000    | \$22,000        | \$0         | \$0 | \$0 | \$42,000 |
| Activity 1.2.1: Organize training courses for stakeholders (govt. agencies, the private sectors, local communities etc.) on peatland management.                                                    | \$17,000              | \$12,000              | \$3,443                | 20%               |             |              |             | \$12,000        |             |     |     | \$12,000 |
| Activity 1.2.2: Carry out an awareness programme on best management practices and fire prevention.                                                                                                  | \$20,000              | \$10,000              | \$5,186                | 26%               |             |              |             | \$10,000        |             |     |     | \$10,000 |
| Activity 1.2.3: Strengthen the state-level multi-<br>stakeholder committee and state working group for<br>peatlands to improve coordination for peatland<br>management.                             | \$30,000              | \$20,000              | \$0                    | 0%                |             |              | \$20,000    |                 |             |     |     | \$20,000 |
| OUTPUT 1.3: Peatland Education Centre at pilot<br>site (North Selangor Peat Swamp Forest)<br>established                                                                                            | \$19,000              | \$19,000              | \$0                    | 0%                | \$0         | \$0          | \$7,500     | \$11,500        | \$0         | \$0 | \$0 | \$19,000 |

| Activity 1.3.1: Provide inputs to the assessment of pilot site for specific public awareness activities.                                                                                                                                         | \$7,500   | \$7,500      | \$0           | 0%          |             |             | \$7,500        |          |         |         |     | \$7,500   |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|--------------|---------------|-------------|-------------|-------------|----------------|----------|---------|---------|-----|-----------|
| Activity 1.3.2: Support the development of information materials for the pilot site and support activities for the pilot site.                                                                                                                   | \$11,500  | \$11,500     | \$0           | 0%          |             |             |                | \$11,500 |         |         |     | \$11,500  |
| Output 1.4: Component technically supported                                                                                                                                                                                                      | \$49,000  | \$35,000     | \$4,767       | 10%         | \$0         | \$0         | \$30,000       | \$0      | \$0     | \$5,000 | \$0 | \$35,000  |
| Activity 1.4.1: Provide technical coordination and support to component                                                                                                                                                                          | \$49,000  | \$35,000     | \$4,767       | 10%         |             |             | \$30,000       |          |         | \$5,000 |     | \$35,000  |
| SUB-TOTAL SUB-OUTCOME 1                                                                                                                                                                                                                          | \$240,000 | \$157,300    | \$37,215      | 16%         | \$0         | \$0         | \$62,500       | \$89,800 | \$0     | \$5,000 | \$0 | \$157,300 |
|                                                                                                                                                                                                                                                  | COMPONEN  | IT SUB-OUTCO | OME 2: The de | gradation o | f peatlands | in Malaysia | due to fires m | inimised |         |         |     |           |
| OUTPUT 2.1: Status and trends of Malaysian peatlands determined                                                                                                                                                                                  | \$125,000 | \$67,000     | \$35,691      | 29%         | \$0         | \$10,000    | \$35,000       | \$19,000 | \$3,000 | \$0     | \$0 | \$67,000  |
| Activity 2.1.1: Support the inventory of peatlands (National Forest Inventory 5) by Peninsular Malaysia Forest Department and record current status of peatlands in Peninsular Malaysia.                                                         | \$47,000  | \$23,000     | \$23,043      | 49%         |             | \$10,000    | \$10,000       |          | \$3,000 |         |     | \$23,000  |
| Activity 2.1.2: Undertake appropriate assessments on key issues including fire incidents and their root causes affecting biodiversity, carbon content and water resources.                                                                       | \$23,000  | \$10,000     | \$12,648      | 55%         |             |             | \$10,000       |          |         |         |     | \$10,000  |
| Activity 2.1.3: Regular monitoring to determine changes or trends for management actions.                                                                                                                                                        | \$20,000  | \$14,000     | \$0           | 0%          |             |             | \$10,000       | \$4,000  |         |         |     | \$14,000  |
| Activity 2.1.4: Identify priority areas for conservation measures for peatland biodiversity and implement initial activities.                                                                                                                    | \$35,000  | \$20,000     | \$0           | 0%          |             |             | \$5,000        | \$15,000 |         |         |     | \$20,000  |
| OUTPUT 2.2: Degradation of peatlands by fire in<br>Selangor State reduced                                                                                                                                                                        | \$80,000  | \$60,000     | \$11,021      | 14%         | \$20,000    | \$0         | \$30,000       | \$4,000  | \$3,000 | \$3,000 | \$0 | \$60,000  |
| Activity 2.2.1: Identify critical fire-prone areas at NSPSF and South Selangor peatlands and develop appropriate fire prevention measures for these areas and undertake regular monitoring through increased patrols and enforcement activities. | \$40,000  | \$20,000     | \$11,021      | 28%         |             |             | \$10,000       | \$4,000  | \$3,000 | \$3,000 |     | \$20,000  |
| Activity 2.2.2: Test and verify a fire prediction and warning system at pilot site.                                                                                                                                                              | \$20,000  | \$20,000     | \$0           | 0%          |             |             | \$20,000       |          |         |         |     | \$20,000  |
| Activity 2.2.3: Promote the involvement of community and local land owners in fire prevention and control (including support to the State Forest Fire Team).                                                                                     | \$20,000  | \$20,000     | \$0           | 0%          | \$20,000    |             |                |          |         |         |     | \$20,000  |

| OUTPUT 2.3: Guidelines for integrated peatland                                                                                                                                                                                                                             |              |              |              |              |             |            |                 |                 |         |          |         |           |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|--------------|--------------|--------------|-------------|------------|-----------------|-----------------|---------|----------|---------|-----------|
| management in Malaysia developed and promoted                                                                                                                                                                                                                              | \$57,000     | \$36,000     | \$2,831      | 5%           | \$0         | \$0        | \$0             | \$36,000        | \$0     | \$0      | \$0     | \$36,000  |
| Activity 2.3.1: Provide support in the development of an integrated fire prediction and warning system (fire hazard map, hotspots, fire danger rating, fire scars map).                                                                                                    | \$10,000     | \$6,000      | \$2,831      | 28%          |             |            |                 | \$6,000         |         |          |         | \$6,000   |
| Activity 2.3.2: Promote ASEAN zero burning guidelines for fire prevention and control in peatlands in Malaysia through awareness activities.                                                                                                                               | \$17,000     | \$10,000     | \$0          | 0%           |             |            |                 | \$10,000        |         |          |         | \$10,000  |
| Activity 2.3.3: Collate, adapt and promote guidelines for sustainable use of peatlands relating to the following sectors: forestry, agriculture (small-holders and large-scale estates) & infrastructure through awareness activities.                                     | \$30,000     | \$20,000     | \$0          | 0%           |             |            |                 | \$20,000        |         |          |         | \$20,000  |
| SUB-TOTAL SUB-OUTCOME 2                                                                                                                                                                                                                                                    | \$262,000    | \$163,000    | \$49,543     | 19%          | \$20,000    | \$10,000   | \$65,000        | \$59,000        | \$6,000 | \$3,000  | \$0     | \$163,000 |
| СОМРО                                                                                                                                                                                                                                                                      | ONENT SUB-OU | JTCOME 3: Be | st managemer | nt practices | at selected | demonstrat | ion sites ident | ified and pract | ised    |          |         |           |
| OUTPUT 3.1: Sustainable management options fr peatlands showcased through demonstration sites                                                                                                                                                                              | \$141,600    | \$121,600    | \$3,735      | 3%           | \$0         | \$0        | \$93,000        | \$25,000        | \$0     | \$0      | \$3,600 | \$121,600 |
| Activity 3.1.1: Document and promote best management practices of demonstration sites (e.g. Maludam NP, Sarawak; Loagan Bunut, Sarawak; Klias Forest Reserve, Sabah; S.E Pahang PSF, Pahang; United Plantation, Perak) to upscale good management practices for peatlands. | \$96,600     | \$96,600     | \$0          | 0%           |             |            | \$93,000        |                 |         |          | \$3,600 | \$96,600  |
| Activity 3.1.2: Facilitate visits and study tours to demonstration sites. e.g. Princess Sirindhorn Centre, Phru Tho Daeng Thailand.                                                                                                                                        | \$45,000     | \$25,000     | \$3,735      | 8%           |             |            |                 | \$25,000        |         |          |         | \$25,000  |
| OUTPUT 3.2: Integrated management strategies for NSPSF and buffer zone adopted                                                                                                                                                                                             | \$40,000     | \$30,000     | \$0          | 0%           | \$0         | \$0        | \$30,000        | \$0             | \$0     | \$0      | \$0     | \$30,000  |
| Activity 3.2.1: Review and update the Integrated Management Plan for NSPSF and support implementation of initial activities.                                                                                                                                               | \$15,000     | \$10,000     | \$0          | 0%           |             |            | \$10,000        |                 |         |          |         | \$10,000  |
| Activity 3.2.2: Develop and promote approval of the management strategy for the NSPSF buffer zone to address land use conflicts and support implementation of initial activities.                                                                                          | \$25,000     | \$20,000     | \$0          | 0%           |             |            | \$20,000        |                 |         |          |         | \$20,000  |
| OUTPUT 3.3: Rehabilitation of degraded peat<br>swamp forest demonstrated in Raja Musa FR and<br>adjacent buffer zone                                                                                                                                                       | \$90,000     | \$55,000     | \$4,832      | 5%           | \$0         | \$10,000   | \$25,000        | \$10,000        | \$0     | \$10,000 | \$0     | \$55,000  |

| <b>Activity 3.3.1:</b> Update and review the Rehabilitation Plan for the Raja Musa F.R and adjacent buffer zone.                                                                                                                                                | \$40,000             | \$35,000             | \$4,832          | 12%         |               | \$10,000   | \$15,000     |               |       | \$10,000 |         | \$35,000             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------|-------------|---------------|------------|--------------|---------------|-------|----------|---------|----------------------|
| Activity 3.3.2: Organize workshops for training on rehabilitation techniques for relevant local stakeholders.                                                                                                                                                   | \$15,000             | \$10,000             | \$0              | 0%          |               |            |              | \$10,000      |       |          |         | \$10,000             |
| Activity 3.3.3: Undertake and monitor results of rehabilitation activities including blocking of abandoned drains and replanting degraded areas.                                                                                                                | \$20,000             | \$0                  | \$0              | 0%          |               |            |              |               |       |          |         | \$0                  |
| Activity 3.3.4: Document experience and lessons learned and promote to other areas in Selangor State to upscale learning.                                                                                                                                       | \$15,000             | \$10,000             | \$0              | 0%          |               |            | \$10,000     |               |       |          |         | \$10,000             |
| SUB-TOTAL SUB-OUTCOME 3                                                                                                                                                                                                                                         | \$271,600            | \$206,600            | \$8,567          | 3%          | \$0           | \$10,000   | \$148,000    | \$35,000      | \$0   | \$10,000 | \$3,600 | \$206,600            |
|                                                                                                                                                                                                                                                                 | ENT SUB-OUT          | COME 4: Guid         | lelines for sele | cted sector | s relating to | peatland m | anagement pr | epared and ad | opted |          |         |                      |
| OUTPUT 4.1: Sustainable economic activities in<br>buffer zone of NSPSF enhanced                                                                                                                                                                                 | \$80,000             | \$70,000             | \$0              | 0%          | \$30,000      | \$0        | \$30,000     | \$10,000      | \$0   | \$0      | \$0     | \$70,000             |
| Activity 4.1.1: Support a study to review impacts of existing livelihood and economic activities (water                                                                                                                                                         |                      |                      |                  |             |               |            |              |               |       |          |         |                      |
| supply, township development, plantation, etc.) on peatlands and recommend mitigation measures within the buffer zone (e.g. better agriculture plantation management, development of eco-zone to reduce peat fire and haze in Berjuntai Bestari Jaya township). | \$40,000             | \$40,000             | \$0              | 0%          |               |            | \$30,000     | \$10,000      |       |          |         | \$40,000             |
| peatlands and recommend mitigation measures within<br>the buffer zone (e.g. better agriculture plantation<br>management, development of eco-zone to reduce peat                                                                                                 | \$40,000<br>\$40,000 | \$40,000<br>\$30,000 | \$0<br>\$0       | 0%          | \$30,000      |            | \$30,000     | \$10,000      |       |          |         | \$40,000<br>\$30,000 |

| Total Sub-Outcome                   | \$853,600                         | \$596,900 | \$95,325 | 11% | \$50,000 | \$0 | \$305,500 | \$193,800 | \$33,000 | \$38,000 | \$3,600 | \$623,900 |
|-------------------------------------|-----------------------------------|-----------|----------|-----|----------|-----|-----------|-----------|----------|----------|---------|-----------|
|                                     | SUB-OUTCOME 5: PROJECT MANAGEMENT |           |          |     |          |     |           |           |          |          |         |           |
| Project Administration & Support 3% | \$26,400                          | \$18,000  | \$0      | 0%  |          |     |           |           |          | \$18,000 |         | \$18,000  |
| TOTAL PROJECT COSTS                 | \$880,000                         | \$614,900 | \$95,325 | 11% | \$50,000 | \$0 | \$305,500 | \$193,800 | \$33,000 | \$56,000 | \$3,600 | \$614,900 |

### PART II (C) –SUMMARY OF MALAYSIA TOTAL BUDGET 2012

| ACCOUNTING CATEGORY                                         | OUTCOME | OUTCOME | OUTCOME | OUTCOME | OUTCOME | TOTAL   |
|-------------------------------------------------------------|---------|---------|---------|---------|---------|---------|
| ACCOUNTING CATEGORY                                         | 1       | 2       | 3       | 4       | 5       | TOTAL   |
|                                                             |         |         |         |         |         |         |
| A. Community-based Services                                 | 0       | 20,000  | 0       | 30,000  | 0       | 50,000  |
| B. Equipment <sup>2</sup>                                   | 0       | 10,000  | 10,000  | 0       | 0       | 20,000  |
| C. Technical Support/ Studies 3 & 5                         | 62,500  | 65,000  | 148,000 | 30,000  | 0       | 305,500 |
| D. Training/ Workshops/ Awareness/Publications <sup>4</sup> | 89,800  | 59,000  | 35,000  | 10,000  | 0       | 193,800 |
| E. Staff Salaries and Allowances <sup>6</sup>               | 0       | 6,000   | 0       | 0       | 0       | 6,000   |
| F: Operations and Maintenance 7                             | 5,000   | 3,000   | 10,000  | 0       | 18,000  | 36,000  |
| G. Travel and Subsistence for Management <sup>8</sup>       | 0       | 0       | 3,600   | 0       | 0       | 3,600   |
|                                                             |         |         |         |         |         |         |
| Grand Total                                                 | 157,300 | 163,000 | 206,600 | 70,000  | 18,000  | 614,900 |

### PART II (D) –STATUS OF THE MALAYSIA TOTAL BUDGET 2012

| Outcomes                                                   | Approved<br>GEF<br>Budget | Cumulative<br>Budget<br>Spent to<br>Date | Balance<br>Budget | New<br>Annual<br>Budget<br>Request |
|------------------------------------------------------------|---------------------------|------------------------------------------|-------------------|------------------------------------|
|                                                            |                           |                                          |                   |                                    |
| I. Capacity Building for Sustainble Peatland Management    | \$240,000.00              | \$37,215.00                              | \$202,785.00      | \$157,300.00                       |
| II. Reduction of Peatland Degradation                      | \$262,000.00              | \$49,543.00                              | \$212,457.00      | \$163,000.00                       |
| III. Integrated Management and Rehabilitation of Peatlands | \$271,600.00              | \$8,567.00                               | \$263,033.00      | \$206,600.00                       |
| IV. Multi-stakeholder partnerships                         | \$80,000.00               | \$0.00                                   | \$80,000.00       | \$70,000.00                        |
| V. Project Management                                      | \$26,400.00               | \$0.00                                   | \$26,400.00       | \$18,000.00                        |
| TOTAL                                                      | \$880,000.00              | \$95,325.00                              | \$784,675.00      | \$614,900.00                       |

## [Malaysia Component] PROCUREMENT PLAN FOR CONSULTANCIES

# Project Title/ Grant Ref: Rehabilitation and Sustainable Use of Peatland Forests in South East Asia GEF Project ID: GEFSEC ID 2751

#### **Project Implementation Agency: Peninsular Malaysia Forestry Department**

| DATE OF GPN:<br>STATUS AS OF (Date):   | Thresholds: |
|----------------------------------------|-------------|
| IFAD APPROVAL DATE: Original: Current: |             |

|               | SL No. | Package No. | Review by IFAD Prior/Post | Description of Services and Accounting Category                             | Estimated Cost<br>(US\$) for First 12<br>months (Jan-Dec<br>2012) | Method of<br>Selection @       | Name of<br>Contractor/Nationality | Services<br>completed<br>(date) | Expenditure incurred to Date |
|---------------|--------|-------------|---------------------------|-----------------------------------------------------------------------------|-------------------------------------------------------------------|--------------------------------|-----------------------------------|---------------------------------|------------------------------|
|               | 1      | 2           | 3                         | 4                                                                           | 5                                                                 | 6                              | 16                                | 17                              | 18                           |
| A - C         | ommı   | unity-      | based                     | l Services                                                                  |                                                                   |                                |                                   |                                 |                              |
| *PP<br>R<br>A | 2      | 2.2.3       |                           | Community participation in fire prevention                                  | 20,000                                                            | Single-<br>source<br>selection | Sahabat Hutan<br>Gambut/GEC       |                                 |                              |
| *PP<br>R<br>A | 4      | 4.1.2       |                           | Sustainable livelihood activities                                           | 30,000                                                            | Single-<br>source<br>selection | Sahabat Hutan<br>Gambut/GEC       |                                 |                              |
|               |        |             | Tot                       | tal A                                                                       | 50,000                                                            |                                |                                   |                                 |                              |
| C - Te        | chni   | cal Su      | ıppor                     | t/ Studies (Component 1                                                     | )                                                                 | l                              |                                   | I                               |                              |
| *PP<br>R<br>A | 1      | 1.1.1       |                           | Update and review national Wetland policy                                   | 5,000                                                             | Single-<br>source<br>selection | NRE                               |                                 |                              |
| *PP<br>R<br>A | 2      | 1.2.3       |                           | State action plan -<br>pleminary<br>assessment data<br>collection           | 20,000                                                            | Single-<br>source<br>selection | GEC                               |                                 |                              |
| *PP<br>R<br>A | 3      | 1.3.1       |                           | Development of communication plan for pilot site                            | 7,500                                                             | Single-<br>source<br>selection | GEC                               |                                 |                              |
| *PP<br>R<br>A | 4      | 1.4.1       |                           | National Expert                                                             | 30,000                                                            | Single-<br>source<br>selection | GEC                               |                                 |                              |
|               |        | То          | tal C                     | (Comp 1)                                                                    | 62,500                                                            |                                |                                   |                                 |                              |
| C - Te        | echni  | cal Su      | ıppor                     | t/ Studies (Component 2                                                     | 2)                                                                |                                |                                   |                                 |                              |
| *PP<br>R<br>A | 1      | 2.1.1       |                           | Assessment of<br>Peninsular Malaysia<br>Peatswamp Forest                    | 10,000                                                            | Single-<br>source<br>selection | FDPM                              |                                 |                              |
| *PP<br>R<br>A | 2      | 2.1.2       |                           | Assessment (bio-d, carbon content & water resources) & Blueprint for KLSPSF | 10,000                                                            | Single-<br>source<br>selection | FRIM                              |                                 |                              |
| *PP           | 3      | 2.1.3       |                           | Malaysia peatland issues                                                    | 10,000                                                            | Single-<br>source              | FDPM                              |                                 |                              |

| Α             |       |        |       |                                                                           |         | selection                      |         |  |
|---------------|-------|--------|-------|---------------------------------------------------------------------------|---------|--------------------------------|---------|--|
| *PP<br>R<br>A | 4     | 2.1.4  |       | Development of peat profile for Malaysia                                  | 5,000   | Single-<br>source<br>selection | GEC/UPM |  |
| *PP<br>R<br>A | 5     | 2.2.1  |       | Assessment of fire<br>prone area in North<br>Selangor Peatswamp<br>Forest | 5,000   | Single-<br>source<br>selection | SFD     |  |
| *PP<br>R<br>A | 7     | 2.2.2  |       | Establish and<br>maintainence fire<br>prediction and<br>warning system    | 20,000  | Single-<br>source<br>selection | FDPM    |  |
|               |       | То     | tal C | (Comp 2)                                                                  | 60,000  |                                |         |  |
| C - Ted       | chnic | cal Su | ippor | t/ Studies (Component 3                                                   | )       |                                |         |  |
| *PP<br>R<br>A | 1     | 3.1.1  |       | Best Management<br>Practices (promotion<br>and documentation)             | 93,000  | Single-<br>source<br>selection | FDPM    |  |
| *PP<br>R<br>A | 2     | 3.2.1  |       | Integrated<br>Management Plan for<br>NSPSF                                | 10,000  | Single-<br>source<br>selection | SFD     |  |
| *PP<br>R<br>A | 3     | 3.1.1  |       | Develop management<br>strategy for buffer<br>zone areas of NSPSF          | 20,000  | Single-<br>source<br>selection | GEC     |  |
| *PP<br>R<br>A | 4     | 3.3.1  |       | Rehabilitation Plan for<br>Raja Musa FR                                   | 15,000  | Single-<br>source<br>selection | GEC     |  |
| *PP<br>R<br>A | 5     | 3.3.4  |       | Assessment on rehabilitation Site                                         | 10,000  | Single-<br>source<br>selection | SFD     |  |
|               | 1     | То     | tal C | (Comp 3)                                                                  | 148,000 |                                |         |  |
| C - Ted       | chnic | cal Su | ippor | t/ Studies (Component 4                                                   | )       |                                |         |  |
| *PP<br>R<br>A | 1     | 4.1.1  |       | Assesment of economic activities                                          | 30,000  | Single-<br>source<br>selection | GEC     |  |
|               |       | То     | tal C | (Comp 4)                                                                  | 30,000  |                                |         |  |
|               |       |        | •     | mponent 1-4)                                                              | 300,500 |                                |         |  |
|               | То    | tal A- | C (C  | omponent 1-4)                                                             | 350,500 |                                |         |  |

PP: Target dates agreed as per Procurement Plan; R: revision 1,2 etc.; A: actual dates; "RFP (Request for Proposal): Same as 'Bid Document' #Technical and Financial

<sup>@</sup> State whether (i) Single firm or individual; or (ii) Competitive. If Competitive, then state whether Quality and Cost Based Selection (QCBS) or Quality Based Selection (QBS)

## [Malaysia component] PROCUREMENT PLAN FOR GOODS/WORKS

## Project Title/ Grant Ref: Rehabilitation and Sustainable Use of Peatland Forests in South East Asia

## GEF Project ID: GEFSEC ID 2751 Project Implementation Agency:

| DATE OF GPN:                           | Thresholds: |
|----------------------------------------|-------------|
| STATUS AS OF (Date):                   | milesnoids. |
| IFAD APPROVAL DATE: Original: Current: |             |

|     | SL No.  | Package No. | Review by IFAD Prior/Post | Description of Goods/<br>Works and Accounting<br>Category      | Estimated Cost<br>(US\$) | Method of<br>Selection @ | Name of<br>Contractor/Nationality | Expenditure incurred to Date |
|-----|---------|-------------|---------------------------|----------------------------------------------------------------|--------------------------|--------------------------|-----------------------------------|------------------------------|
|     | 1       | 2           | 3                         | 4                                                              | 5                        | 6                        | 16                                | 17                           |
| В-  | Equi    | pmen        | t                         |                                                                |                          |                          |                                   |                              |
| *PP |         |             |                           |                                                                |                          |                          |                                   |                              |
| R   |         | Ψ.          |                           | field equiment (fire                                           | 10.000                   | National                 |                                   |                              |
| Α   | 1       | 2.1.1       |                           | fighting) `                                                    | 10,000                   | shopping                 |                                   |                              |
| *PP |         |             |                           |                                                                |                          |                          |                                   |                              |
| R   | 2       | 3.3.1       |                           | office equipment<br>(table, chair, cabinet,<br>bookshelve etc) | 10,000                   | National shopping        |                                   |                              |
| Α   |         |             |                           |                                                                |                          |                          |                                   |                              |
|     | Total B |             |                           | tal B                                                          | 20,000                   |                          |                                   |                              |

<sup>\*</sup>PP: Target dates agreed as per Procurement Plan

R: revision 1,2 etc.

<sup>\*\*</sup> Applicable in case of 'Prior Review' by IFAD

<sup>@</sup> State whether

<sup>(</sup>i) Direct Contracting; or

<sup>(</sup>ii) Competitive. If Competitive, then state whether International Competitive Bidding (ICB), National Competitive Bidding (NCB), International or National Shopping

<sup>(</sup>iii) Work by Force Account (if applicable)