PROJECT OUTLINE

1. **Name of the Country:** Socialist Republic of Vietnam

2. **Title of the Aid Item:** Project for developing rehabilitation model and human resource training on rehabilitation, with application of pedaled wheelchair, in Vietnam

3. **Background and Necessity of the Aid Item:** The number of disabled people in Vietnam, especially with joint/movement disorder, has been increasing recently due to some factors such as the increase of traffic accident, and there is high demand for rehabilitation. On the other hand, rehabilitation quality in Vietnam is still under the development stage. The stay period of rehabilitation patients in the hospital is very short, and once the patients become able to move to some extent, both the health care workers and patients do not find compulsion to prolong the rehabilitation activities. Therefore, it is seriously needed to develop rehabilitation human resource as well as to create the rehabilitation environment for people with disabilities so that they can aim to return to the society, by using patients-oriented rehabilitation model. Once the rehabilitation model is established, this can be widely expanded to medical institutes other than Bach Mai Hospital and it connect to encourage further development of human resources.

4. **Purpose:** The Organizations will work together to act toward the project purpose during the project duration, and ultimately to achieve the overall goal.
   1) **Overall Goal:** To develop enabling environment to popularize rehabilitation methodology in relevant hospitals and staffs.
   2) **Project Purpose:** To establish patients-oriented rehabilitation utilizing pedaled wheelchair Profhand (hereafter referred to as “Profhand”).

5. **Target Area:** Ha Noi City, neighboring provinces of Ha Noi City (for main activities), and Ho Chi Minh City (for R&D and manufacturing of “Vietnam Version” Profhand)

6. **Target Group:**
   1) Staffs at Bach Mai Hospital Rehabilitation Center, other medical institutes near Ha Noi City and Ho Chi Minh City
   2) Patients of above mentioned institutes

7. **Expected Outcomes:**
   1) Rehabilitation effects of Profhand is examined through research and widely introduced in Vietnam
2) New rehabilitation modules which utilize Profhand is studied, piloted and systematized.
3) Human resources on rehabilitation in Bach Mai hospital and other medical institutions are trained to get familiar with Profhand and new rehabilitation methodology.
4) System to allow various users (including low-income households) to get access to Profhand is piloted.

8. Activities:
1-1 Research and data collection on the rehabilitation impact of Profhand
1-2 Data analysis and dissemination of research results through seminars, etc.
2-1 Study and trial on the new method of rehabilitation which combines current modules plus Profhand utilization
2-2 Preparation of materials (textbook, leaflet, etc.) to introduce such new methodology
2-3 Demonstration and PR event/activities of Profhand and new rehabilitation modules
3-1 Training for Bach Mai Hospital Rehabilitation Center staff satellite rehabilitation center staff in rural area on rehabilitation methods and skills with Profhand use in Japan and Vietnam (by Japanese rehabilitation experts).
3-2 Further training for hospital staff in neighboring provinces through/by Bach Mai hospital
4-1 R&D on “Vietnam version” of Profhand
4-2 Pilot trial of rental system of Profhand
4-3 Sub-project activities in provinces outside Hanoi City, to better accommodate the needs of those who live in provinces


10. Implementing Organizations:
  - Japanese Side: TESS Co., Ltd.
    Miyagi Prefecture
    Sendai University
    re:terra
    Tepia Corporation Japan
  - Vietnamese Side: Bach Mai Hospital