

TERMS OF REFERENCE (TOR)

Name of Borrower: Democratic Socialist Republic of Sri Lanka

Name of Project: Science and Technology Human Resource Development Project

Credit/ Loan No: L3699

Procurement Plan No. STHRDP/CRG/R3/KE/04-S13

Name of Consultancy Service: Resource person to support the role of Data Entry/Support personnel of the project “Automated AI job recommendation, optimize and analysis system.”

Background

1. Sri Lanka is a fast-growing economy and has a population of over 20 million. Long history of state sponsored welfare policies and programs has led to an impressive performance in social development, particularly in comparison to other countries in South Asia. Sri Lanka attained middle-income country status in 2010 and many strategies were developed to move towards upper middle-income country category. Two of the key factors that contributed to a high literacy rate (92.6%) are mandatory primary education and free education by state provided up to tertiary level. Sri Lanka’s university system is state-owned and state-funded. The higher education system has three types of institutes: (i) universities and higher education institutions under the Ministry of Education; (ii) universities and higher education institutes under other Ministries; and (iii) higher education institutions managed by the private sector.

2. One of the biggest challenges faced by the higher education system of Sri Lanka is to cater to the increasing demand for higher education from the increasing ranks of those qualified for university education. The Government of Sri Lanka introduced new bachelor’s degree programs in technology in several state universities as one of strategies to face the demands of higher education.

Brief Description of the Project:

3. The Asian Development Bank (ADB) as requested by the Government of Sri Lanka supports the government efforts in increasing human resource capacity for its transformation to a knowledge-based and innovation-based economy. Considering Sri Lanka’s economic structure, such transformation would require more proportion of workforce that are trained in science and technology disciplines, who can add higher value to Sri Lanka’s resource base, manufacturing, and service sector.

Considering the above, ADB agreed to support establishment of three Technology Faculties and one Engineering Faculty in line with following outputs:

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- a). Innovative technology learning and research environment established.
- b). Quality and industry-relevant higher technology education program implemented.
- c). Industry linkages and international collaborations strengthened.
- d). Faculty management capacity strengthened.
- e). New higher education project preparation supported.

4. The executing agency is the Ministry of Education (MOE); and the implementing agencies — University of Kelaniya, Rajarata University of Sri Lanka, Sabaragamuwa University of Sri Lanka, and University of Sri Jayewardenepura are responsible for implementing the project, following the policies and procedures of the Government of Sri Lanka and ADB as agreed jointly between the borrower and ADB.

Description of the Assignment

5. The youth population is the strength of the country. According to the Department of Census and Statistics Sri Lanka's youth (age 15 – 24 years) unemployment rate corresponding to the first quarter of 2020 is 26.8 percent and that is the highest reported unemployment rate among all age groups. This rate would be higher due to COVID 19 sociol-economic impact. Unstable youth populations develop social unrest, and it leads to violence as we experienced in the history of Sri Lanka. Recently we noticed lots of youth preparing to leave the country which is a huge loss of talent as a country.

6. Faculty of Computing and Technology (FCT), University of Kelaniya has secured funding from the competitive grants scheme of the STHRD project is to develop an Automated AI-based optimized job recommendation, feedback, and data analysis system.

7. Our System includes gathering labor market data (jobs, company data etc.). Therefore, data entry and support personnel are needed.

Objectives of the assignment:

8. Main objectives of this assignment are to enter daily jobs from newspapers ,reply emails and gather data from different sources.

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Source of Funding:

9. Democratic Socialist Republic of Sri Lanka received a credit from the ADB equivalent to US\$ 145.0 Million towards the cost of the Science and Technology Human Resource Development Project, and the Ministry of Education intends to apply portion of the proceeds of this credit to eligible payments under this contract.

Scope of the Assignment:

10. The scope of this assignment is to enter data to our system and act as support personnel.

Duties and Responsibilities:

11. Main duties and responsibilities of the resource person are to:

- a). Enter data from newspaper job ads.
- b). Contact government offices/companies about getting relevant labor market data to our system.
- c). Reply to any user inquiries via email/phone.
- d). Post ads/promote about our system in social media and other platforms.

Deliverables and Reporting requirements

12. The consultant is expected to fulfill the following deliverables and reporting requirements:

a). The consultant should report to the project supervisor after each task he/she completed within the week with a report.

Qualifications & Experience:

13. The resource person should have the following qualifications and experience:

- a). Graduate from a University which is recognized by the UGC of Sri Lanka
- b). Good English knowledge
- d). Good communications skills

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Payment Schedule

14. Total estimated cost for the consultancy is LKR 666,324, and it will be paid on each month LKR 55,527 (for 12 months). Payments will be arranged once he/she completes the following task in expected level via under the supervision of the QA Engineer.

Daily Task	Estimated Hours
Enter all daily local newspaper ads to the system	2
Promotion of our system	2
Reply to all user inquiries	1
Gather labor market data from various sources (government offices like census and statistics department)	3

Facilities Provided by the Client:

15. Client will provide following facilities in addition to the remuneration mentioned under Payment schedule.

- a). We will provide access to the system and email addresses.

Review Committee:

16. The output of the consultancy will be reviewed by the Dean of the Faculty of Computing and Technology, University of Kelaniya.

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