



THE UNITED REPUBLIC OF TANZANIA  
MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY  
THE NATIONAL COUNCIL FOR TECHNICAL  
AND VOCATIONAL EDUCATION AND TRAINING

SN. 100059002



*"Striving for World-Class Excellence in Technical and Vocational Education and Training"*

Our Ref : DA.259/309/01/80

Date: 18<sup>th</sup> August, 2023

Your Ref:

China–Africa Vocational Education Alliance,  
1699 Zhujiang Road, Huangdao Development Zone,  
Qingdao City, Shandong Province,  
**CHINA.**

China–Africa (Chongqing) Vocational Education Alliance,  
76 East University City Road, Shapingba District,  
Chongqing City,  
**CHINA.**

CIIC International Education Technology (Beijing) Co., Ltd.,  
12B16, East Area of Hanwei Building, 7 Guanghua Road, Chaoyang District,  
Beijing,  
**CHINA.**

Sunmaker Training Institute,  
Plot 1A-10/12 Nyondo Close, Bugolobi  
P. O. Box 5210, Kampala  
**UGANDA.**

**Re: REQUEST FOR COLLABORATION ON "APPLICATION OF DEVELOPED  
OCCUPATIONAL STANDARDS AND PROGRAM DELIVERY STANDARDS  
- TANZANIA-CHINA JOINT TALENT DEVELOPMENT PROJECT" TO  
SUPPORT TVET DEVELOPMENT IN TANZANIA**

Please refer to the above captioned subject.

2. The Council is glad to know that the Development of Occupational Standards and Program Delivery Standards (2<sup>nd</sup> Batch) Project has reached its final stages until August, 2023. Thanks to the efforts and dedication of Chinese technical and vocational institutes and TVET experts from China and Tanzania. Most of the required documents have been received and approved by the National Council for Technical and Vocational Education and Training (NACTVET). The Council will continue to process these documents including publication and offer them for use and application by and for the benefit of our institutes in Tanzania. The Council is also happy to know that the Development of Curriculum Standards and National TVET Teaching and Training Resource Database is progressing smoothly.

3. With both the Occupational Standards and the corresponding Program Delivery Standards being ready, and National TVET Teaching and Training Resource Database being under development, the Council is planning to further promote the dissemination and implementation of existing Occupational Standards and the corresponding Program Delivery Standards. Thus, the Council is requesting your support and has granted you authorization in mobilizing the necessary resources from China to jointly implement the “Application of Developed Occupational Standards and Program Delivery Standards - Tanzania-China Joint Talent Development Project”. According to Hon. Omari Juma Kipanga, Deputy Minister of Education, Science and Technology in Tanzania, during this Project, the Council will select, batch by batch, over 500 Tanzanian TVET institutions out of the 1,329 registered nationwide, under the Council’s supervision, to carry out One-on-One Collaborations with a large number of Chinese TVET institutions selected and mobilized by your offices-China-Africa Vocational Education Alliance, China–Africa (Chongqing) Vocational Education Alliance, CIIC International Education Technology (Beijing) Co., Ltd, and Sunmaker Training Institute. The purpose of the Project is to work within the framework of the Tanzanian National Occupational Standards and Program Delivery Standards developed by Chinese TVET institutions, guiding Tanzanian TVET institutions to gain deeper understanding of the development approach and application scenarios. The ultimate goal is to promote the implementation and dissemination of National Occupational Standards and Program Delivery Standards in TVET institutions in Tanzania, utilizing normative requirements for the working ability level of employees to guide TVET teaching activities.

4. The Project encompasses, but is not limited to, the following aspects:

- i) Institutional-Level Curriculum Adjustment and Development and Teaching Resource Development including Long Courses and Short Courses: Chinese TVET institutions should support Tanzanian TVET institutions in curriculum review and development, teaching material compilation, and resource development based on the existing National Occupational Standards and Program Delivery Standard framework under specific context of the Tanzanian TVET Institutions. The developed courses and resources will serve as the foundation for TVET teaching in a certain program for the Tanzanian TVET institution and will also be included in the National TVET Teaching & Training Resource Database.
- ii) Capacity Building: Tanzanian TVET teachers should receive capacity building from Chinese TVET institutions based on the Tanzanian National Occupational Standards and Program Delivery Standards to ensure the effective implementation of these standards in teaching activities. This should be implemented through both offline and online channels. Experts



from China should continuously visit Tanzania Institutions, and also some of the Tanzanian Lecturers should be sent to China to the capacity building activities. The Capacity Building should also be carried out for Partner Industries of Tanzania Institutions including enterprises from both Tanzania and China.

- iii) Joint Talent Cultivation, Education and Training: Tanzanian and Chinese TVET institutions will collaborate in training students based on the Tanzanian National Occupational Standards and Program Delivery Standards. There should be mutual recognition of credits and graduation certifications among Tanzanian and Chinese TVET institutions. Student Exchanges should be carried out for both Diploma Programs and Short Courses.

Please note that considering the mismatch in the scale of individual TVET institution in Tanzania and China, a Chinese TVET institution may undertake similar demands from multiple Tanzanian institutions in practice.

5. Below is the first batch of Tanzanian TVET institutions recommended by the Council for collaboration with Chinese TVET institutions (Appendix I). These schools are representative in key fields. Additionally, the Council will continue to filter and update Tanzanian institutions in a gradual manner.

6. Therefore, the Council hereby requests your assistance in selecting Chinese TVET institutions. Considering the existing TVET fields in the Tanzanian National Occupational Standards and Program Delivery Standards, the areas of collaboration include but are not limited to the programs shown in Appendix II.

7. Please feel free to propose and add more programs in other sectors and areas to be collaborated to support TVET development in Tanzania under this period based on the available support capacity from your side.

8. The Council firmly believes that through the implementation of the aforementioned Project, the development level of TVET in Tanzania can be systematically improved. The mutual exchange and integration of Tanzania and China TVET will facilitate learning between the TVET institutions of both countries, jointly promoting the development of TVET levels. This will further facilitate the entry of high-quality technical talents into the labour market and promote the sound development of Tanzanian and Chinese enterprises. The Council is looking forward to cooperating with you on the Use and Application of National Occupational Standards and Program Delivery Standards, in order to enhance the development

of TVET Institutions in Tanzania and to ensure production of qualified graduates to feed the various sectors of the economy in the country.

Looking forward to your continued cooperation.

Yours Sincerely,



Dr. A. B. Rutayuga  
**EXECUTIVE SECRETARY**

**Copy to:**

- a) Permanent Secretary, Ministry of Education, Science, and Technology – Dodoma, Tanzania.
- b) Embassy of the People's Republic of China to the United Republic of Tanzania.
- c) Embassy of the United Republic of Tanzania to the People's Republic of China.

**Appendix I**

<b>S/N.</b>	<b>Reg. No</b>	<b>Institute Name</b>	<b>Town</b>
1.	REG/BMG/009	Tanzania Public Service College - Dar Es Salaam	Ilala Municipal Council
2.	REG/BMG/005	College of Business Education - Dar Es Salaam	Ilala Municipal Council
3.	REG/PWF/042	Tanzania Institute of Project Management (TIPM) - Dar Es Salaam	Ilala Municipal Council
4.	REG/ANE/024	College of Agriculture and Natural Resources	Ilala Municipal Council
5.	REG/EOS/002	Dar Es Salaam Maritime Institute	Ilala Municipal Council
6.	REG/SAT/042	Msimbazi Centre Training Institute	Ilala Municipal Council
7.	REG/PWF/018	Institute of Adult Education - Dar Es Salaam	Ilala Municipal Council
8.	REG/EOS/032	Fire and Rescue Training Centre	Ilala Municipal Council
9.	REG/SAT/009	Veta-Kipawa Information and Communication and Technology (ict) Centre - Dar Es Salaam	Ilala Municipal Council
10	REG/EOS/001	Dar Es Salaam Institute of Technology	Ilala Municipal Council
11	REG/ANE/037	National College of Tourism - Bustani	Ilala Municipal Council
12	REG/EOS/029	Unique Academy	Ilala Municipal Council
13	REG/EOS/006	Civil Aviation Training Centre	Ilala Municipal Council
14	REG/BTP/002	Raida School of Journalism and Media Studies - Dar Es Salaam	Ilala Municipal Council
15	REG/BTP/051	Tanzania Correctional Training Academy (TCTA) - Dar Es Salaam	Ilala Municipal Council
16	REG/BTP/075	School of Library, Archives and Documentation Studies (SLADS) - Dar Es Salaam Campus	Ilala Municipal Council
17	REG/BMG/001	Institute of Finance Management - Dar Es Salaam	Ilala Municipal Council
18	REG/PWF/012	Dar Es Salaam School of Journalism	Ilala Municipal Council



S/N.	Reg. No	Institute Name	Town
19	REG/PWF/003	The Mwalimu Nyerere Memorial Academy - Dar Es Salaam	Kigamboni Municipal Council
20	REG/BMG/053	West Evan College of Business Health and Allied Sciences	Kigamboni Municipal Council
21	REG/HAS/168	Kigamboni City College of Health and Allied Sciences	Kigamboni Municipal Council
22	REG/ANE/029	Kilimanjaro Institute of Technology and Management	Kinondoni Municipal Council
23	REG/EOS/009	National Institute of Transport (NIT)	Kinondoni Municipal Council
24	REG/BMG/017	Institute of Tax Administration Dar Es Salaam	Kinondoni Municipal Council
25	REG/HAS/212	Nyaishozi College of Health and Allied Sciences	Kinondoni Municipal Council
26	REG/EOS/039	Al-maktoum College of Engineering and Technology	Kinondoni Municipal Council
27	REG/BTP/026	Excellent College of Health and Allied Sciences - Dar Es Salaam	Kinondoni Municipal Council
28	REG/EOS/026	University of Dar Es Salaam Computing Centre - Dar Es Salaam	Kinondoni Municipal Council
29	REG/HAS/061	Lugalo Military Medical School	Kinondoni Municipal Council
30	REG/HAS/104	Kam College of Health Sciences	Kinondoni Municipal Council
31	REG/PWF/002	Institute of Social Work - Dar Es Salaam	Kinondoni Municipal Council
32	REG/PWF/009	Eastern Africa Statistical Training Centre - Dar Es Salaam	Kinondoni Municipal Council
33	REG/HAS/207	Vignan Institute of Science and Technology	Kinondoni Municipal Council
34	REG/SAT/043	Nlab Innovation Academy	Kinondoni Municipal Council
35	REG/BTP/022	Institute of Accountancy Arusha (IAA) - Dar Es Salaam Campus	Kinondoni Municipal Council
36	REG/HAS/254	Sir Edward College of Health and Allied Sciences	Kinondoni Municipal Council
37	REG/SAT/060	Institute of Heavy Equipment and Technology	Kinondoni Municipal Council
38	REG/PWF/032	Dar Es Salaam Police Academy	Temeke Municipal Council

S/N.	Reg. No	Institute Name	Town
39	REG/PWF/039	Centre for Foreign Relations (CFR) - Dar Es Salaam	Temeke Municipal Council
40	REG/HAS/139	City College of Health and Allied Sciences	Temeke Municipal Council
41	REG/BMG/007	Tanzania Institute of Accountancy (TIA) - Dar Es Salaam	Temeke Municipal Council
42	REG/SAT/028	Borigaram Agriculture Technical College (friends On The Path)	Temeke Municipal Council
43	REG/ANE/015	National College of Tourism (NCT) - Temeke	Temeke Municipal Council
44	REG/HAS/186	Padre Pio College of Health and Allied Sciences	Temeke Municipal Council
45	REG/EOS/018	Bandari College Dar Es Salaam	Temeke Municipal Council
46	REG/SAT/61	East Africa College of Business	Temeke Municipal Council
47	REG/SAT/62	Universal College of Africa - Dar Es Salaam	Temeke Municipal Council
48	REG/SAT/056	Dar Es Salaam Regional Vocational and Services Centre	Temeke Municipal Council
49	REG/BMG/033	Paradigms Institute Dar-es-salaam	Ubungu Municipal Council
50	REG/HAS/229	Kilenzi Memorial College of Health and Allied Sciences	Ubungu Municipal Council
51	REG/EOS/007	Water Institute	Ubungu Municipal Council
52	REG/ANE/023	National College of Tourism - Arusha	Arusha City Council
53	REG/HAS/086	Centre for Educational Development in Health Arusha	Arusha City Council
54	REG/HAS/237	City College of Health and Allied Sciences - Arusha Campus	Arusha City Council
55	REG/ANE/007	Forestry Training Institute Olmotonyi	Arusha City Council
56	REG/BTP/001	VETA Hotel and Tourism Training Institute (VHTTI)	Arusha City Council
57	REG/EOS/004	Arusha Technical College - Arusha	Arusha City Council
58	REG/BMG/019	Eastern and Southern African Management Institute	Arusha City Council
59	REG/EOS/017	Jr Institute of Information Technology	Arusha City Council
60	REG/BTP/006	The Arusha East African Training	Arusha City Council

<b>S/N.</b>	<b>Reg. No</b>	<b>Institute Name</b>	<b>Town</b>
		Institute – Arusha	
61	REG/SAT/033	Tanzania Gemological Centre	Arusha City Council
62	REG/ANE/001	Livestock Training Agency Tengeru Campus	Arusha District Council
63	REG/HAS/115	Arusha Lutheran Medical Training Centre	Arusha District Council
64	REG/EOS/027	Kilimanjaro International Institute for Telecommunications Electronics and Computers	Arusha District Council
65	REG/BMG/002	Institute of Accountancy Arusha (IAA) – Arusha	Arusha District Council
66	REG/BMG/006	College of Business Education - Dodoma	Dodoma Municipal Council
67	REG/HAS/142	Decca College of Health and Allied Sciences - Dodoma	Dodoma Municipal Council
68	REG/BMG/020	Local Government Training Institute Hombolo - Dodoma	Dodoma Municipal Council
69	REG/BTP/134	Don Bosco Technical Training College - Dodoma	Dodoma Municipal Council
70	REG/EOS/011	Mineral Resources Institute (Madini Institute) - Dodoma	Dodoma Municipal Council
71	REG/PWF/001	Institute of Rural Development Planning – Dodoma	Dodoma Municipal Council
72	REG/BTP/206	Local Government Training Institute - Dodoma Town Centre	Dodoma Municipal Council
73	REG/HAS/241	Benjamin Mkapa Institute of Health and Allied Sciences	Dodoma Municipal Council
74	REG/EOS/037	University of Dar Es Salaam Computing Centre - Dodoma	Dodoma Municipal Council



## Appendix II

S/N.	Program Name	NTA Level
1.	Electrical Engineering	4 - 6
2.	Electrical Engineering	7 - 8
3.	Information Technology	4 - 6
4.	Information Technology	7 - 8
5.	Computer Engineering	4 - 6
6.	Computer Engineering	7 - 8
7.	Leather Products Engineering	4 - 6
8.	Aircraft Maintenance Engineering (Airframe & Power-Plant)	4 - 6
9.	Avionics Maintenance Engineering	4 - 6
10.	Automotive Engineering	4 - 6
11.	Automotive Engineering	7 - 8
12.	Quantity Surveying	7 - 8
13.	Civil Engineering	4 - 6
14.	Civil Engineering	7 - 8
15.	Architecture	7 - 8
16.	Architectural Technology	7 - 8
17.	Food Science and Technology	4 - 6
18.	Food Science and Technology	7 - 8
19.	Freight Clearing and Forwarding	4 - 6
20.	Bioprocess and Postharvest Engineering	4 - 6
21.	Bioprocess and Postharvest Engineering	7 - 8
22.	Marine Navigation	4 - 6
23.	Avionics Maintenance Engineering	7 - 8
24.	Civil Aviation Ground Equipment Maintenance Engineering	4 - 6
25.	Drone Pilot	4 - 6
26.	Textile	4 - 6
27.	Garment Design	4 - 6
28.	Garment Production	4 - 6
29.	Metrology	4 - 6
30.	Welding	4 - 6
31.	Welding	7 - 8
32.	Renewable Energy Engineering (Hydro)	4 - 6
33.	Renewable Energy Engineering (Hydro)	7 - 8
34.	Renewable Energy Engineering (Solar)	4 - 6
35.	Renewable Energy Engineering (Solar)	7 - 8
36.	New-Energy Vehicle Engineering	4 - 6

<b>S/N.</b>	<b>Program Name</b>	<b>NTA Level</b>
37.	New-Energy Vehicle Engineering	7 - 8
38.	Geotechnical Surveying	4 - 6
39.	Land Survey and Mapping	4 - 6
40.	Architectural Engineering	4 - 6
41.	Architectural Engineering	7 - 8
42.	Water Conservancy and Hydropower Engineering	4 - 6
43.	Water Conservancy and Hydropower Engineering	7 - 8
44.	Architectural Interior Designing	4 - 6
45.	Early Childhood Teaching	4 - 6
46.	Infant and Toddler Service	4 - 6
47.	Marine Engineering	4 - 6
48.	Marine Electrical and Electronic Engineering	4 - 6
49.	Culinary	4 - 6
50.	Culinary	
51.	Hotel Catering Management and Service	4 - 6
52.	Tourism Management Service	4 - 6
53.	Livestock Veterinary	4 - 6
54.	Livestock Veterinary	7 - 8
55.	Aquaculture Technology	4 - 6
56.	Crop Planting Technology	4 - 6
57.	Crop Planting Technology	7 - 8
58.	Postharvest Technology	4 - 6
59.	Animal Breeding Technology	4 - 6
60.	Animal Breeding Technology	7 - 8
61.	Flower Production and Processing Technology	4 - 6
62.	Tea Production and Processing Technology	4 - 6
63.	Herbal Medicine Planting Technology	4 - 6
64.	Fertilizer Production Engineering	4 - 6
65.	Brewing Technology	4 - 6
66.	Railway	4 - 6
67.	Railway Locomotive Operation and Maintenance Engineering	4 - 6
68.	Railway Locomotive Operation and Maintenance Engineering	7 - 8
69.	Jewelry Processing	4 - 6
70.	Coal Mining Engineering	4 - 6
71.	Metal Mining Engineering	4 - 6
72.	Petrochemical Product Technology	4 - 6
73.	Oil and Gas Storage and Transportation	4 - 6

<b>S/N.</b>	<b>Program Name</b>	<b>NTA Level</b>
74.	Environmental Monitoring	4 - 6
75.	Chemical Testing	4 - 6
76.	Nursing	4 - 6
77.	Pharmaceutical Preparation Engineering	4 - 6
78.	Pharmaceutical Preparation Engineering	7 - 8
79.	Public Health Safety Inspection and Quarantine	4 - 6
80.	Medical Equipment Engineering	4 - 6
81.	Mechanical Equipment Installation Engineering	4 - 6
82.	Mechanical Equipment Maintenance Engineering	4 - 6
83.	Mechanical Equipment Maintenance Engineering	7 - 8
84.	Mechatronics Engineering	4 - 6
85.	Mechatronics Engineering	7 - 8
86.	Lifting, Loading and Unloading Machinery Operation	4 - 6
87.	Electrical Equipment Installation and Maintenance Engineering	4 - 6
88.	Electronic Equipment Assembly and Repair	4 - 6
89.	Software Engineering	4 - 6
90.	Software Engineering	7 - 8
91.	Mobile Application Development Engineering	4 - 6
92.	Mobile Application Development Engineering	7 - 8
93.	Cyber Security	4 - 6
94.	Cyber Security	7 - 8
95.	Artificial Intelligence	4 - 6
96.	Artificial Intelligence	7 - 8
97.	Big-Data	4 - 6
98.	Big-Data	7 - 8
99.	Cross-border E-Commerce	4 - 6
100.	Cross-border E-Commerce	7 - 8
101.	Webcast	4 - 6
102.	Digital Media Technology	4 - 6
103.	Film and Television Production	4 - 6
104.	Accounting	4 - 6
105.	Food Safety Management	4 - 6
106.	Food Safety Management	7 - 8
107.	Food Compliance Management	4 - 6
108.	Food Inspection and Testing	4 - 6
109.	Food Inspection and Testing	7 - 8