

**INTEGRATED SAFEGUARDS DATA SHEET
APPRAISAL STAGE**

Report No.: ISDSA19940

Date ISDS Prepared/Updated: 13-Dec-2016

Date ISDS Approved/Disclosed: 14-Dec-2016

I. BASIC INFORMATION

1. Basic Project Data

Country:	China	Project ID:	P154623
Project Name:	China: Gansu Technical and Vocational Education and Training Project (P154623)		
Task Team Leader(s):	Liping Xiao		
Estimated Appraisal Date:	27-Dec-2016	Estimated Board Date:	03-Jul-2017
Managing Unit:	GED02	Lending Instrument:	Investment Project Financing
Is this project processed under OP 8.50 (Emergency Recovery) or OP 8.00 (Rapid Response to Crises and Emergencies)?			No
Financing (In USD Million)			
Total Project Cost:	144.52	Total Bank Financing:	120.00
Financing Gap:	0.00		
Financing Source			Amount
Borrower			24.52
International Bank for Reconstruction and Development			120.00
Total			144.52
Environmental Category:	B - Partial Assessment		
Is this a Repeater project?	No		

2. Project Development Objective(s)

The project development objective is to improve the quality and relevance of Project schools in Gansu and strengthen the school and industry linkage.

3. Project Description

The project will support the reform of the TVET sector in Gansu province which is in line with provincial and national policies like 2016-2020 development plans, the Medium to Long-term Education and Talent Development Plans (2010-2020), and the new Skills Development Policy.

These plans give priority to workforce development in China's Western region, provide more support to poor regions, enhance capacity for provision of a skilled workforce, and encourage innovations in governance. The project is consistent with Outcome 2.2 of Strategic Theme Two (Promoting More Inclusive Development) of the World Bank Group's China CPS for FY2013-16 which was approved by the Board on November 6, 2012. The project will also contribute to the achievement of the twin goals of reducing poverty and boosting shared prosperity. By developing model schools serving a primarily rural population, the project will improve employability of the poor by delivering pertinent and high-quality skills training. Both China's and international experience show that better education is instrumental for poverty reduction, and a skilled workforce is vital to economic growth and productivity increases.

The proposed project design builds on international experience of developing demand-driven TVET systems, and also on the World Bank's knowledge and experience working in China and elsewhere both within the education sector and specifically in the TVET sub-sector. The proposed project follows a similar conceptual framework and design as the TVET Projects in other provinces. In addition to component 2 on school level reform, the project highlighted the system level reform at the provincial level.

The project will have three main components: (i) strengthen the demand-driven TVET system; (ii) strengthen TVET delivery through comprehensive school reforms; and (iii) project management and monitoring and evaluation. TVET governance will be enhanced and shifted to demand-driven through piloted Skills Council, coordination, and policy making. School level reforms will improve the quality, relevance of TVET provision in selected project schools through a set of innovations centering around school-industry linkage and competence-based teaching and learning. Project management will be improved through capacity building, knowledge sharing and monitoring and evaluation.

This project will be implemented by the Provincial Management Office (PMO) situated in the Management Committee of TVET Park under the Gansu Department of Education (GDoE). The project location and schools were chosen by the GDoE to pilot a set of school-based reforms for skills development. Two of the largest project schools have been recently merged from smaller schools and the newly consolidated campuses are located in the TVET Park in the Lanzhou New District (LND) and being able to take advantage of the abundant employment opportunities offered by the industrial parks in the LND. Gansu Senior Technical School of Mechanics is located at Tianshui, offering technical training in mechanics, electronic and engineering as a provincial key TVET college. Lanzhou University of Arts and Science is located at Lanzhou, consisting of Gansu Art School, TVET colleges and undergraduate school. The selected schools serve the key pillars of local economy including energy, chemical engineering, mechanics, tourism and other modern services.

The total investment cost of the project will be US\$144.52 million, of which US\$120 million is financed through the World Bank loan while US\$24.52 million is financed by project schools and GDoE. The project will cover a period of five years.

4. Project location and salient physical characteristics relevant to the safeguard analysis (if known)

The project schools located in the Lanzhou and Tianshui City in Gansu Province. The project will include four project schools, namely: Gansu Vocational College of Energy & Chemical Industry, Gansu Finance & Trade Vocational College, Lanzhou University of Arts and Science, and Gansu

Senior Technical School of Mechanics. Lanzhou belongs to the temperate continental climate, the annual average temperature of 10.3 °C, the average annual sunshine hours is 2446 hours, frost-free period of 180 days, the average annual rainfall of 327 mm, mainly concentrated in the June to September. For Tianshui City, the average annual rainfall of 574 mm, the average annual sunshine hours are 2100 hours. It has mild climate and four distinct seasons.

5. Environmental and Social Safeguards Specialists

Yiren Feng (GEN2A)

6. Safeguard Policies	Triggered?	Explanation (Optional)
Environmental Assessment OP/BP 4.01	Yes	The proposed project will finance some new school buildings. The civil works of each school basically comprise of buildings of 5 or 6 stories, with the construction areas ranges from 6100m ² to 58013m ² respectively in each school. Such buildings will be located on existing land on campus and no land acquisition or resettlement is involved. The project will have very limited adverse impacts during the construction and operation phase. The negative environmental impacts include ambient air, water, noise, solid wastes, and safety of the public and workers. These negative impacts will be limited, short-term, temporary and site-specific. During the operational stage, main environmental impacts are expected from domestic waste management. The project is classified as Category B due to the potential impacts that are small scale and limited to the site. An Environmental and Social Management Plan (ESMP) was prepared for the civil works of the four schools to cover the environmental management activities of the project.
Natural Habitats OP/BP 4.04	No	The civil works of the project are within the existing campuses; sites visit confirmed that the project will not affect any natural habitats or critical natural habitats as defined under the policy.
Forests OP/BP 4.36	No	Project activities will not affect forest areas; it will not involve any logging or planting activities in forest areas.
Pest Management OP 4.09	No	The project will not procure pesticides or increase use of pesticides.
Physical Cultural Resources OP/BP 4.11	No	The civil works of the project are all within the existing campuses, the EA team conducted the survey and confirmed there are no physical cultural resources as defined by the OP4.11. However, the chance finding procedure was included in the ESMP, and the relevant clauses will be included in all construction contracts.
Indigenous Peoples OP/BP 4.10	No	Based on social screening conducted during social assessment, the project will not trigger OP4.10 since all four project schools (with three in Lanzhou City, and one in Tianshui City), are not located in the areas with concentrated ethnic minorities, and the minority students

		in four project schools account for less than 4% of student population.
Involuntary Resettlement OP/BP 4.12	No	According to screening conducted among all four project schools, the proposed infrastructure improvement activities will be carried out within the existing campus of project schools with no new land acquisition. Among them, two are located in TVET Park in Lanzhou New District, one is urban area of Tianshui City, and one in urban area of Lanzhou City. For two schools located in new TVET Park, due diligence review was conducted by the third party, and found that land acquisition for two new schools had been occurred before the Bank's Identification Mission and in compliance with national laws and local regulations and consistent with the objectives of OP 4.12.
Safety of Dams OP/BP 4.37	No	The project will not finance construction or rehabilitation of any dams as defined under this policy.
Projects on International Waterways OP/BP 7.50	No	The project is not located in any international waterways as defined under the policy.
Projects in Disputed Areas OP/BP 7.60	No	The project is not located in any known disputed areas as defined under the policy.

II. Key Safeguard Policy Issues and Their Management

A. Summary of Key Safeguard Issues

1. Describe any safeguard issues and impacts associated with the proposed project. Identify and describe any potential large scale, significant and/or irreversible impacts:

OP4.01 Environmental Assessment.

The proposed project will finance the construction of new school buildings for additional training space and skills training. All planned civil works will be built on existing land within the campus of the four project schools. The project is classified as Category B by considering the type, location, sensitivity, and scale of the proposed project, and the potential environmental and social impacts. The project will have very limited adverse impacts during the construction and operation phase. The negative environmental impacts include ambient air, water, noise, solid wastes, and safety of the public and workers. These negative impacts will be limited, short-term, temporary and site-specific. During the operational stage, main environmental impacts are expected from domestic waste management.

The Indigenous People Policy (OP4.10) is not triggered, since based on social screening conducted during social assessment, all four project schools (with three in Lanzhou City, and one in Tianshui City), are not located in the areas with concentrated ethnic minorities, and the minority students in four project schools account for less than 4 percent of student population.

The Involuntary Resettlement Policy (OP4.12) is not triggered, since according to screening conducted among all four project schools, the proposed infrastructure improvement activities will be carried out within the existing campus of project schools with no new land acquisition. Among them, two are located in TVET Park in Lanzhou New District, one is urban area of Tianshui City, and one in urban area of Lanzhou City. For two schools located in new TVET Park, since land

<p>acquisition was completed recently prior to the Bank involvement, due diligence review was conducted by the third party, and found that land acquisition for two new schools had been occurred before the Bank's Identification Mission and in compliance with national laws and local regulations and consistent with the objectives of OP 4.12 with no problems reported.</p>
<p>2. Describe any potential indirect and/or long term impacts due to anticipated future activities in the project area:</p>
<p>This project will play a significant role in improving the quality and relevance of Gansu vocational education, which will have great benefits for the project schools, teachers and students, and also for the industries in Gansu. After the implementation of the project, schools' infrastructure will be significantly improved; the capacity of teaching and learning and school management will be improved; students' skills and employability will be increased. As results, the Gansu TVET system will be improved and local economy and industry will be promoted by higher skilled workforce. As the project serves a primarily rural population (78 percent of students coming from rural areas and 74% from poor households), the project will contribute to poverty reduction in Gansu by increased employment and higher income of graduates.</p>
<p>3. Describe any project alternatives (if relevant) considered to help avoid or minimize adverse impacts.</p>
<p>N/A</p>
<p>4. Describe measures taken by the borrower to address safeguard policy issues. Provide an assessment of borrower capacity to plan and implement the measures described.</p>
<p>The ESMP was selected as the environmental instrument due to the nature of the project. The ESMP was prepared based on national norms, practice proven in other World Bank financed projects and the practice recommended in Environmental Health and Safety (EHS) Guidelines. It specifies each aspect of environmental management during the whole project cycle, including but not limited to, site preparation, construction dust management, air pollution control, noise impact control, water pollution control, waste management, and public and workers' health and safety. The environmental sensitive sites of each project school have been identified and assessed with the specific mitigation measures incorporated into the project design, construction and operation phase respectively, especially the route of the transportation vehicles in each project school has been carefully designed to avoid or minimize the potential impacts on the public within the schools. It also includes the institutional arrangement, environmental monitoring plan, environmental protection investment cost estimate, the training and capacity building, reporting and supervision arrangements for the implementation phase of the project. Proper implementation of the mitigation measures required by the project will minimize the impacts to an acceptable level, or eliminate them entirely. The ESMP was reviewed by the World Bank safeguards team and found to be satisfactory. The ESMP will be included in the bidding documents and the corresponding contracts.</p>
<p>The World Bank has supported several projects in Gansu Province; this is the first investment project in education and vocational training. The project will be managed by the Provincial Project Management Office (PMO) established under Gansu Department of Education. The Bank assessment indicates that the borrower has reasonable capacity to conduct construction and project implementation consistent with the ESMP. The PMO is staffed with 6 fulltime staff; one staff will be responsible for safeguard-related work. The Bank's safeguards specialists will provide further training on safeguards during the project implementation phase.</p>
<p>5. Identify the key stakeholders and describe the mechanisms for consultation and disclosure on safeguard policies, with an emphasis on potentially affected people.</p>

During the project preparation, the project schools, PMO, environmental and social consultants carried out public consultation and information disclosure through posters, questionnaire survey, interviews and public meetings in project cities. The key stakeholders include staffs and students of the schools, communities nearby, and local relevant government agencies. Public opinions were incorporated into the project design and safeguard reports including ESMP, SA and DDR properly. Prior to project appraisal, the ESMP was disclosed locally on August 24, 2016 and at the World Bank Infoshop on November 1, 2016; and both SA and DDR were also disclosed locally on October 21, 2016 and at the World Bank Infoshop on November 28, 2016.

B. Disclosure Requirements

Environmental Assessment/Audit/Management Plan/Other	
Date of receipt by the Bank	25-Nov-2016
Date of submission to InfoShop	28-Nov-2016
For category A projects, date of distributing the Executive Summary of the EA to the Executive Directors	
"In country" Disclosure	
China	21-Oct-2016
<i>Comments:</i> The ESMP was disclosed locally on August 24, 2016. The DDR and SA were disclosed locally on October 21, 2016.	
If the project triggers the Pest Management and/or Physical Cultural Resources policies, the respective issues are to be addressed and disclosed as part of the Environmental Assessment/Audit/or EMP.	
If in-country disclosure of any of the above documents is not expected, please explain why:	

C. Compliance Monitoring Indicators at the Corporate Level

OP/BP/GP 4.01 - Environment Assessment	
Does the project require a stand-alone EA (including EMP) report?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
If yes, then did the Regional Environment Unit or Practice Manager (PM) review and approve the EA report?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
Are the cost and the accountabilities for the EMP incorporated in the credit/loan?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
The World Bank Policy on Disclosure of Information	
Have relevant safeguard policies documents been sent to the World Bank's Infoshop?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
Have relevant documents been disclosed in-country in a public place in a form and language that are understandable and accessible to project-affected groups and local NGOs?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
All Safeguard Policies	
Have satisfactory calendar, budget and clear institutional responsibilities been prepared for the implementation of measures related to safeguard policies?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]

Have costs related to safeguard policy measures been included in the project cost?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
Does the Monitoring and Evaluation system of the project include the monitoring of safeguard impacts and measures related to safeguard policies?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]
Have satisfactory implementation arrangements been agreed with the borrower and the same been adequately reflected in the project legal documents?	Yes [<input checked="" type="checkbox"/>] No [<input type="checkbox"/>] NA [<input type="checkbox"/>]

III. APPROVALS

Task Team Leader(s):	Name: Liping Xiao	
<i>Approved By</i>		
Safeguards Advisor:	Name: Josefo Tuyor (SA)	Date: 14-Dec-2016
Practice Manager/ Manager:	Name: Harry Anthony Patrinos (PMGR)	Date: 14-Dec-2016