



Technical Assistance Report

Project Number: 48004
Policy and Advisory Technical Assistance (PATA)
June 2014

People's Republic of China: Strategic Elderly Care Services Development in Yichang

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Asian Development Bank

CURRENCY EQUIVALENTS

(as of 10 June 2014)

Currency unit	–	yuan (CNY)
CNY1.00	=	\$0.1603
\$1.00	=	CNY6.2402

ABBREVIATIONS

ADB	–	Asian Development Bank
PRC	–	People's Republic of China
TA	–	technical assistance
YFB	–	Yichang Finance Bureau
YMG	–	Yichang Municipal Government

NOTE

In this report, "\$" refers to US dollars

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POLICY AND ADVISORY TECHNICAL ASSISTANCE AT A GLANCE

1. Basic Data		Project Number: 48004-001	
Project Name	Strategic Elderly Care Services Development in Yichang	Department /Division	EARD/EASS
Country Borrower	China, People's Republic of People's Republic of China	Executing Agency	Yichang Municipal Government
2. Sector		ADB Financing (\$ million)	
✓ Health	Health care finance		0.10
	Health insurance and subsidized health programs		0.15
Water and other urban infrastructure and services	Urban policy, institutional and capacity development		0.10
		Total	0.35
3. Strategic Agenda		Climate Change Information	
Inclusive economic growth (IEG)	Pillar 2: Access to economic opportunities, including jobs, made more inclusive Pillar 3: Extreme deprivation prevented and effects of shocks reduced (Social Protection)	Climate Change impact on the Project	Low
4. Drivers of Change		Gender Equity and Mainstreaming	
Governance and capacity development (GCD)	Institutional development	Effective gender mainstreaming (EGM)	✓
Private sector development (PSD)	Promotion of private sector investment		
5. Poverty Targeting		Location Impact	
Project directly targets poverty	No	Urban	High
6. TA Category:	B		
7. Safeguard Categorization	Not Applicable		
8. Financing			
Modality and Sources		Amount (\$ million)	
ADB		0.35	
Sovereign Policy and advisory technical assistance: Technical Assistance Special Fund		0.35	
Cofinancing		0.00	
None		0.00	
Counterpart		0.10	
Government		0.10	
Total		0.45	
9. Effective Development Cooperation			
Use of country procurement systems		No	
Use of country public financial management systems		No	

I. INTRODUCTION

1. The Government of the People's Republic of China (PRC) requested support from the Asian Development Bank (ADB) to strengthen elderly care services in Yichang, Hubei Province. A fact-finding mission took place in Yichang in February–March 2014, and ADB reached an agreement with the Yichang Municipal Government (YMG) on the impact, outcome, outputs, costs and financing, implementation arrangements, and outline terms of reference for consulting services for the technical assistance (TA). The design and monitoring framework is in Appendix 1.¹

II. ISSUES

2. The main demographic challenges facing the PRC in this century are the dramatic aging of its population and the scale of internal migration, which is largely driven by urbanization. The proportion of people above the age of 60 across the PRC is expected to grow from roughly 12% in 2010 to 34% by 2050.² The PRC's population is aging rapidly at a time when the per capita income remains modest; social security systems cover a broad portion of the population, but are still insufficient to meet the financial needs of retired senior citizens, as illustrated by the Yichang experience.³ The high cost of care for the elderly will require long-term care financial coverage mechanisms to avoid major inequities in the way people experience their life as seniors. Furthermore, the current acute shortage of caregivers and nurses specialized in elderly care, most of whom are women, is exacerbated by low compensation levels and working conditions that make these professions unattractive.⁴

3. The PRC has been addressing the consequences of its aging population since the late 1970s, with successive policies to finance old age care, stimulate private sector participation, define the responsibilities of families, and organize community-wide responses to support the elderly. The PRC's Twelfth Five-Year Plan, 2010–2015 further recognized these challenges. It called for establishing an old age care system (with targets for home-based care, community care, and institutional care)⁵ expanding grassroots aging associations; encouraging volunteerism among senior citizens; and improving health management services.

4. The 2012 revision of the Elderly Law includes requirements for local governments to develop community services for senior citizens.⁶ The recent opinions of the State Council (September 2013) to accelerate the development of the elderly care service industry recognizes the progress made and the significant challenges that remain.⁷ The challenges include

¹ The TA first appeared in the business opportunities section of ADB's website on 20 May 2014.

² United Nations Department of Economic and Social Affairs. World Population Prospects: The 2010 Revision. <http://www.un.org/en/development/desa/publications/world-population-prospects-the-2010-revision.html>

³ The average monthly pension for a former state employee is CNY2,300, for an employee of a firm CNY1,400, and for rural citizens CNY60 (shared by the Bureau of Human Resources and Social Security of Yichang Municipality to the project team during the fact-finding mission).

⁴ By 2015, 15 million older people in the PRC will require daily care, while currently there are only 300,000 people employed as caregivers, of whom 100,000 are qualified and trained (D. Peng. 2012. Training Challenges to Meet the Need for Care Givers in China [ADB recognizes this member by the name the People's Republic of China]. Presentation at the Asia/Pacific Regional Conference on Ageing 2012: Rapid ageing: a caring future. Myanmar. 8–11 May).

⁵ Current targets are 90% of elderly to age at home supported by home care services, 7% to receive community-based services, and 3% institutional services. (National People's Congress. 2011. *Twelfth Five-Year Plan for National Economic and Social Development, 2011–2015*. Beijing.)

⁶ Law of the People's Republic of China on Protection of the Rights and Interests of the Elderly.

⁷ State Council. 2013. *Opinions on Promoting the Development of Senior Care Service Industry (Circular No. 35)*. Beijing.

insufficient elderly care services and products, an underdeveloped market, and imbalanced regional rural–urban development. The opinions of the State Council include a comprehensive list of policy directions; set development goals; describe organization and management arrangements; and assign responsibilities to combine public, private, and civil society efforts.

5. In the PRC, children traditionally took primary responsibility for caring for their parents' medical and nonmedical needs (e.g., daily activities and emotional and financial requirements). However, the ability of children to meet this traditional responsibility is increasingly challenged by several factors, including small family size (resulting in part from the one child policy), high labor force mobility, the high labor participation rate of women, increasing financial burdens on the families of children with the duty to care, and the eroding importance of filial piety. Support provided by the government for the poor elderly includes (i) payment of social pensions for poor rural and urban citizens; (ii) provision of residential or community-based care services for selected elderly living on social assistance; and (iii) support to the most destitute, including childless old people and elderly whose children also live in poverty.⁸

6. Currently, only childless elderly people living on social assistance such as the “Three Nos” in the cities and “Five Guarantees” households in the countryside are provided residential or community-based care services by the government.⁹ Other elderly welfare assistance recipients are generally ineligible for care subsidies by the government. There is a need for the government to expand subsidies for these elderly people, including to low-income households that are slightly above the poverty threshold (the marginal poor).¹⁰

7. Yichang Municipality submitted a project proposal to ADB through the Ministry of Finance to provide TA to strengthen local policies and strategies, and to update its elderly service facilities construction plan as a way for the municipality to address elderly care issues for the urban population.¹¹ The municipality previously adopted an elderly service facilities construction plan in urban areas of Yichang City in accordance with the PRC's Twelfth Five-Year Plan. Hubei Province has selected Yichang to become a model city for the provision of elderly care in the PRC. The TA findings will potentially be replicable in Hubei and nationally, and will contribute to the growing body of knowledge on planning elderly care services in the PRC.

⁸ The latter benefits are delivered through two major means-tested social assistance schemes: (i) *wubao* (Five Guarantees Program), which subsidizes the rural elderly who lack family caregivers, working ability, and income; and (ii) *dibao* (minimum living standard guarantee scheme), which provides cash assistance for urban and rural households with per capita incomes less than the locally determined poverty threshold. While a social pension has been widely adopted across the country, its scope is limited. Government subsidies for senior citizens aged 80 and above consist of monthly payments of CNY50–CNY300 per person.

⁹ “Three Nos” and “Five Guarantees” elderly households refer to elderly who have no family caregivers, working ability, and income.

¹⁰ Marginal poor households are usually defined as those with household incomes 150%–170% higher than the local *dibao* threshold.

¹¹ In 2012, Yichang Municipality had a total population of over 4.00 million, and an urban population of 1.34 million; there were 652,100 senior citizens over 60 years of age, representing about 16.06% of the overall population, and above the national average of 13.70%.

III. THE POLICY AND ADVISORY TECHNICAL ASSISTANCE

A. Impact and Outcome

8. The impact of the TA will be a more inclusive and affordable elderly care system in Yichang. The outcome will be a balanced elderly services strategic development plan (covering infrastructure, community, and home-based care) for Yichang.

B. Methodology and Key Activities

9. To prepare an elderly services strategic development plan for Yichang, the TA will (i) identify national and international best practices on elderly care and analyze their applicability to Yichang Municipality, (ii) provide capacity development support to key stakeholders in Yichang to increase their understanding of elderly needs assessment and services planning, and (iii) implement a participatory planning process to develop a strategic elderly care services development plan covering institutional, community, and home-based services (including opportunities to initiate public-private partnerships).

10. Key activities of the TA will be organized under four outputs:

- (i) **Output 1: Study report on the national and international experience on elderly care.** The TA will review national and international literature on elderly care and service planning, identify best practices, and prepare a study report. Anticipated topics of interest are the role of public, private, and nongovernment organizations; a review of the legal framework, including private sector engagement; cost and financing; financial capacity of central and local governments to provide elderly care services; incentive structures to promote private sector investment and management (both profit and nonprofit); special actions for vulnerable groups and women; and human resources development. A limited number of field visits will be organized within the PRC to learn from successful experiences.
- (ii) **Output 2: Capacity development on elderly care services planning.** A training needs assessment will constitute the basis for the preparation of training materials and delivery of training for concerned officials of YMG, the private sector, and civil society stakeholders. Anticipated training topics will include elderly needs assessment, services planning and costing, human resources development, and quality monitoring. The TA will also organize an overseas study tour¹² on elderly care systems planning, development, and monitoring for key officials.
- (iii) **Output 3: Elderly service facilities construction plan of Yichang reviewed and a strategic elderly care services development plan prepared.** The TA will assess the elderly service facilities construction plan of Yichang. Primary data will be collected through a survey (disaggregated by sex and other relevant aspects) to better understand the care needs of the elderly, and the extent to which these are currently covered. Participatory reviews, focus group discussions, and planning workshops that include beneficiaries, public and private sector professionals, and decision makers will help develop and determine the broad strategies, structure (including institutional arrangements), and timeline of a realistic strategic plan.

¹² The study tour will take place in Asia in at least two countries (e.g., Japan and the Republic of Korea) with a focus on establishing public-private partnerships for nursing homes, community, and home-based care.

- (iv) **Output 4: Dissemination of findings.** Two workshops and a final conference will be held to disseminate TA findings, with participation by local, provincial, national, and international experts. A policy brief knowledge product on elderly care system development for the PRC decision makers will be prepared. A final TA report will be submitted to YMG and ADB.

11. Potential risks are (i) inadequate or delayed provision of necessary data, (ii) delayed submission of required studies, (iii) inadequate performance of consultants, and (iv) inefficient dissemination of TA findings and outputs. To mitigate risks, the recruitment and performance of consultants will be monitored closely. The government has agreed to provide all necessary data in a timely manner and adequate counterpart support. Close coordination among the consultants, YMG, and ADB will further mitigate risks, as will the establishment of a multisectoral steering committee.

C. Cost and Financing

12. The TA is estimated to cost \$450,000, of which \$350,000 will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-other sources). The government will provide counterpart support in the form of the provision of office accommodation and venues for selected meetings, counterpart staff (YMG staff) and allowances, miscellaneous administration expenses, local transportation for field visits within Yichang Municipality, and other in-kind contributions.

D. Implementation Arrangements

13. YMG will be the executing agency for the TA. The Yichang Finance Bureau (YFB) will be the implementing agency. YMG and YFB will each designate a senior staff member as TA focal points. A project steering committee composed of concerned Yichang government bureaus and agencies, relevant educational institutions, private sector representatives, and representatives of beneficiaries will be established. YMG will chair the project steering committee and convene quarterly meetings.

14. The proceeds of the TA will be disbursed in accordance with ADB's *TA Disbursement Handbook* (2010, as amended from time to time). To facilitate implementation, ADB may establish an advance payment facility for YFB to support certain agreed cash expenditures—including workshop, survey, training and overseas study tour, and administrative costs—with details of the proposed activities, including cost estimates, submitted through the executing agency to ADB for approval. ADB may also make certain direct payments (e.g., for workshop venues).

15. The TA will be implemented over 12 months, tentatively from 18 July 2014 to 23 July 2015. In dialogue with YMG and YFB, ADB will engage two national (12 person-months) and an international consultant (3 person-months), who will report to YFB and ADB, and as requested, to YMG. The TA will also recruit a national consultant (3 person-months) on a lump-sum basis to implement a survey on the needs of and services for elderly people. The consultants will be hired on an individual basis in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time). The two national consultants will include specialists with expertise in (i) elderly care including social and community care approaches, health, training, and survey methodology; and (ii) elderly care and private sector development, including not-for-profit approaches, finance, and planning. The senior international consultant will be an aging specialist with multi-country expertise in elderly care services planning. Consultant reports will

be prepared in Chinese and English. The outline terms of reference for consultants are in Appendix 3.

16. Regular meetings and seminars will be held involving concerned Yichang government bureaus and agencies, relevant educational institutions, and private sector representatives. TA achievements will be disseminated through two workshops during the preparation of the Yichang elderly care services strategic development plan, the preparation of a knowledge product on elderly care systems development in the PRC, and a final conference on TA findings with local, provincial, national, and international experts.

IV. THE PRESIDENT'S DECISION

17. The President, acting under the authority delegated by the Board, has approved the provision of technical assistance not exceeding the equivalent of \$350,000 on a grant basis to the People's Republic of China for Strategic Elderly Care Services Development in Yichang, and hereby reports this action to the Board.

DESIGN AND MONITORING FRAMEWORK

Design Summary	Performance Targets and Indicators with Baselines	Data Sources and Reporting Mechanisms	Assumptions and Risks
<p>Impact The elderly care system is more inclusive and affordable in Yichang.</p>	<p>Coverage rate of elderly over 60 increases: (i) for residential care from 1.4% in 2014 to 4% in 2030; (ii) for home care from 80% in 2014 to 90% in 2030. For community care, the number of urban community centers increases from 33 in 2014 to 289 in 2030.</p> <p>Average cost of residential care to median net pension of elderly for former state employees changes from 42% in 2014 to 49% in 2030, and for company employees from 70% in 2014 to 49% in 2030.</p>	<p>Yichang municipal statistics</p>	<p>Assumption Economic growth rate remains high in the PRC.</p> <p>Risk The current trend of rising inequality in the PRC continues and prevents the implementation of sound social policies to promote inclusiveness and affordability.</p>
<p>Outcome A balanced elderly services strategic development plan (covering infrastructure, community, and home-based care) for Yichang</p>	<p>An elderly services strategic development plan for Yichang, including institutional, community, and home-based services is submitted to Yichang Municipal Government authorities by April 2016</p>	<p>Official municipal government issuance</p>	<p>Assumption The Yichang Municipal Government maintains its commitment to improving the elderly care system and adopts the plan.</p> <p>Risk Yichang municipal officials prioritize the construction of elderly homes (infrastructure) over more inclusive and cost-effective community and home-based solutions.</p>
<p>Outputs 1. Study report on national and international experience on elderly care services 2. Capacity development to plan elderly care services for concerned officials of Yichang Municipal Government</p>	<p>Study report prepared by October 2014</p> <p>Capacity-building materials produced by November 2014</p> <p>At least 20 bureau and agency officials trained by December 2014</p>	<p>TA implementation reports and publication of study report</p> <p>TA implementation reports</p> <p>TA implementation reports</p>	<p>Assumption Executing and implementing agency interaction with consultants is productive.</p> <p>Risks Various government bureaus fail to agree on the strategic development plan. Bureaus and agency</p>

Design Summary	Performance Targets and Indicators with Baselines	Data Sources and Reporting Mechanisms	Assumptions and Risks
<p>3. Elderly service facilities construction plan of Yichang reviewed and updated into a strategic development plan</p> <p>4. Dissemination of findings</p>	<p>The Yichang elderly services strategic development plan completed by May 2015</p> <p>Knowledge product prepared by June 2015</p> <p>Final TA dissemination conference held in June 2015</p>	<p>TA implementation reports and strategic development plan</p> <p>TA implementation reports and publication</p> <p>TA implementation reports</p>	<p>officials not available for capacity building activities.</p> <p>The vested interest of some stakeholders prevents an appropriate revision of the Yichang elderly service facilities construction plan.</p> <p>Municipal funding for elderly care services is not aligned with needs and prevents expansion of community and home care options.</p>
<p>Activities with Milestones</p> <p>Output 1: Study report on national and international experience on elderly care services (July–October 2014)</p> <p>1.1 Review national and international literature on elderly care systems and identify best practices</p> <p>1.2 Reach agreement with Yichang Municipal Government and Yichang Finance Bureau on specific topics and the outline of the report</p> <p>1.3 Carry out a limited number of field visits in the PRC</p> <p>1.4 Prepare a study report on national and international experience on elderly services</p> <p>Output 2: Capacity development to plan elderly care services for concerned officials of Yichang Municipal Government (July 2014–March 2015)</p> <p>2.1 Carry out a training needs assessment of concerned officials of Yichang Municipal Government</p> <p>2.2 Prepare training materials based on the results of the identified training needs</p> <p>2.3 Pilot test and finalize the training materials</p> <p>2.4 Train selected concerned officials of Yichang Municipal Government</p> <p>2.5 Organize a relevant overseas trip on elderly care systems planning, financing, development, and monitoring</p> <p>Output 3: Elderly service facilities construction plan of Yichang reviewed and updated into a strategic development plan (July 2014–May 2015)</p> <p>3.1 Assess the Yichang elderly service facilities construction plan</p> <p>3.2 Collect relevant data and/or information to ensure realistic planning of elderly care systems development in Yichang</p> <p>3.3 Conduct the survey, analyze, and report on senior citizens' care needs and to what extent these are currently covered</p> <p>3.4 Ensure a participatory strategic planning process, including beneficiaries, professionals, and decision makers.</p> <p>3.5 Prepare a realistic Yichang elderly services strategic development plan</p>			<p>Inputs</p> <p>ADB: \$350,000</p> <p>Note: The government will provide counterpart support in the form of office accommodation and venues for meetings, counterpart staff (Yichang Municipal Government staff) and allowances, miscellaneous administration expenses, local transportation for field visits within Yichang Municipality, and other in-kind contributions.</p>

Design Summary	Performance Targets and Indicators with Baselines	Data Sources and Reporting Mechanisms	Assumptions and Risks
Output 4: Dissemination of findings (October 2014–July 2015) 4.1 Organize two workshops to prepare a realistic Yichang elderly services strategic development plan 4.2 Prepare a policy brief knowledge product on elderly care systems development for the PRC 4.3 Hold a final conference on findings with local, provincial, national, and international experts 4.4 Prepare the final TA report			

ADB = Asian Development Bank, PRC = People's Republic of China, TA = technical assistance.
 Source: Asian Development Bank.

COST ESTIMATES AND FINANCING PLAN
(\$'000)

Item	Amount
Asian Development Bank^a	
1. Consultants	
a. Remuneration and per diem	
i. International consultant (3 person-months)	60.0
ii. National consultants (15 person-months)	105.0
b. International and local travel	25.0
2. Training, seminars, conferences, and workshops	70.0
3. Surveys	5.0
4. Study tours ^b	50.0
5. Miscellaneous administration and support costs ^c	10.0
6. Contingencies	25.0
Total	350.0

Notes:

1. The technical assistance (TA) is estimated to cost \$450,000, of which contributions from the Asian Development Bank are presented in the table above. The government will provide counterpart support in the form of office accommodation and venues for selected meetings, counterpart staff (Yichang Municipal Government staff) and allowances, miscellaneous administration expenses, and local transportation for field visits within Yichang Municipality, and other in-kind contributions. The value of government contribution is estimated to account for 22.2% of the total TA cost.

2. TA funds for budget line items 2 to 5 will be administered by the executing agency; an advance payment facility may be used.

^a Financed by the Asian Development Bank's Technical Assistance Special Fund (TASF-other sources).

^b Includes field visits and an overseas study tour.

^c Includes translation.

Source: Asian Development Bank estimates.

OUTLINE TERMS OF REFERENCE FOR CONSULTANTS

1. The Asian Development Bank (ADB) will recruit an international and three national consultants. The consultants will be recruited in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

2. **Senior aging and elderly care services specialist** (international, 3 person-months). The specialist should have a postgraduate degree in economics or social sciences with at least 10 years of multicountry experience in elderly care planning. Experience in the People's Republic of China (PRC) and good command of the Chinese language are major advantages. The specialist will report to the team leader and perform the following tasks:

- (i) Advise the executing agency (Yichang Municipal Government [YMG]) and the implementing agency (Yichang Finance Bureau [YFB]) regarding elderly care services planning for Yichang Municipality.
- (ii) Prepare the study report on the national and international experience with elderly care services, taking into account specific topics recommended by Yichang officials.
- (iii) Review and comment on the Yichang elderly service facilities construction plan and advise on priority areas for the preparation of the Yichang elderly services strategic development plan.
- (iv) Review and provide comments on the study protocol to assess the care needs of the elderly and the current gaps in care provision through primary data collection on senior citizens, including the survey instrument. Ensure that survey tool and analysis address gender and vulnerability.
- (v) Support the two national consultants in developing the training material for concerned YMG officials.
- (vi) Advise regarding the identification of study countries for the overseas trip, and facilitate contacts.
- (vii) Assist the team leader in preparing the Yichang elderly care services strategic development plan and provide regular feedback on the progress made in developing the plan.
- (viii) Prepare a policy brief knowledge product in coordination with the two national consultants; the outline and content of the knowledge product will be agreed with YMG, YFB, and ADB.

3. **Senior social scientist and aging specialist and team leader** (national, 7 person-months). The specialist should have a postgraduate degree in social sciences or a related field, with at least 10 years of general experience, and 5 years of experience in elderly care systems development and household surveys. ADB and YFB could select the national private sector development expert as the team leader depending on her or his demonstrated skills; this would lead to a reallocation of person-months of consultancy services. The consultant should be fluent in English. The specialist will perform the following tasks:

- (i) Contribute to the development of the study report under the responsibility of the international consultant by providing inputs on national best practices in elderly care.
- (ii) Carry out a limited number of field visits to collect detailed information on national best practices in agreement with YMG and YFB.
- (iii) Finalize the training materials in coordination with the other national and international consultants.
- (iv) Take into account the findings of the assessment of the care needs of the elderly and the current gaps in care provision.

- (v) Train concerned Yichang municipal officials in coordination with the other national consultants.
- (vi) Organize an overseas trip on elderly care services with the input of the international consultant.
- (vii) Assist in assessing the Yichang elderly care service facilities construction plan.
- (viii) Organize two participatory workshops and the final conference with support from YMG and/or YFB.
- (ix) Advise Yichang officials in developing the elderly care services strategic development plan in coordination with the other national and international consultants.
- (x) Prepare the elderly care services strategic development plan with inputs of the other consultants; the plan will be submitted at regular intervals to YFB and YMG for feedback and guidance.
- (xi) Prepare the required reports, including the final technical assistance (TA) report, which will include all outputs prepared by the consultants recruited under the TA.

4. **Senior private sector development specialist** (national, 5 person-months). The specialist should have a postgraduate degree in business administration or a related field with at least 10 years of experience in planning techniques and financing, and 2 years of experience in elderly care systems development. She or he should be fluent in English. The specialist will report to the team leader and perform the following tasks:

- (i) Contribute to the development of the study report under the responsibility of the international consultant by providing inputs on national best practices in elderly care.
- (ii) Carry out a limited number of field visits to collect detailed information on national best practices in agreement with YMG and/or YFB.
- (iii) Train concerned Yichang municipal officials in coordination with the other national consultants, including on elderly care costing and public-private partnership approaches.
- (iv) Contribute to the development of training materials in coordination with the other national and international consultants.
- (v) Assist in assessing the Yichang elderly care service facilities construction plan.
- (vi) Participate as a resource person in two participatory workshops and the final conference.
- (vii) Assist the team leader in preparing the Yichang elderly care services strategic development plan and provide regular feedback on the progress made in developing the plan.
- (viii) Provide inputs relevant to the preparation of the required reports, including the final TA report.

5. **Senior survey expert in social sectors** (national, 3 person-months). The expert should have a postgraduate degree in social sciences or a related field with at least 8 years of experience in planning and implementing surveys in social sectors. Experience in the area of elderly care will be a major plus. She or he should be fluent in English. The expert will be recruited individually on a lump-sum basis and will report to the team leader and cooperate with the international consultant.

6. The objective of the assignment is to plan and carry out a study through primary data collection to assess the care needs of the urban elderly in Yichang Municipality and the current gaps in care provision. She or he will perform the following tasks:

- (i) Develop a study protocol, including the selection of an appropriate sampling framework and an existing survey instrument, given the objectives of the study and the available resources.
- (ii) Agree on the study protocol, the survey instrument and analytical approach with the team leader, YFB, and ADB.
- (iii) Recruit and train data collectors.
- (iv) Arrange and supervise data collection, data encoding, and analysis.
- (v) Implement quality assurance measures for every stage of the study.
- (vi) Prepare a report on survey findings (including analysis of gender and other relevant issues) and include recommendations useful for TA implementation.
- (vii) Present survey findings to YFB and ADB.