



Technical Assistance Report

Project Number: 48039-001
Capacity Development Technical Assistance (CDTA)
May 2015

Republic of Uzbekistan: Enhancing Efficiency in Rural Infrastructure

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Asian Development Bank

CURRENCY EQUIVALENTS

(as of 6 April 2015)

Currency unit	–	sum (SUM)
SUM1.00	=	\$0.000402
\$1.00	=	SUM2,490.48

ABBREVIATIONS

ADB	–	Asian Development Bank
HIRD	–	Housing for Integrated Rural Development
TA	–	technical assistance
TFPR	–	technical and financial performance review
TPFA	–	technical and financial performance audit

NOTE

In this report, “\$” refers to US dollars.

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CAPACITY DEVELOPMENT TECHNICAL ASSISTANCE AT A GLANCE

1. Basic Data		Project Number: 48039-001	
Project Name	Enhancing Efficiency in Rural Infrastructure	Department /Division	CWRD/CWPF
Country Borrower	Uzbekistan NA	Executing Agency	Ministry of Economy
2. Sector	Subsector(s)	ADB Financing (\$ million)	
✓ Water and other urban infrastructure and services	Urban housing		0.36
Industry and trade	Small and medium enterprise development		0.12
Public sector management	Public administration		0.12
Total			0.60
3. Strategic Agenda	Subcomponents	Climate Change Information	
Inclusive economic growth (IEG)	Pillar 2: Access to economic opportunities, including jobs, made more inclusive	Climate Change impact on the Project	Low
4. Drivers of Change	Components	Gender Equity and Mainstreaming	
Governance and capacity development (GCD)	Public financial governance	Some gender elements (SGE)	✓
5. Poverty Targeting		Location Impact	
Project directly targets poverty	No	Rural Urban	High Low
6. TA Category:	B		
7. Safeguard Categorization	Not Applicable		
8. Financing			
Modality and Sources		Amount (\$ million)	
ADB		0.60	
Capacity development technical assistance: Technical Assistance Special Fund		0.60	
Cofinancing		0.00	
None		0.00	
Counterpart		0.00	
None		0.00	
Total		0.60	
9. Effective Development Cooperation			
Use of country procurement systems		No	
Use of country public financial management systems		No	

I. INTRODUCTION

1. The Government of Uzbekistan is committed to increasing economic growth and improving the delivery of public services to people in the regions. The Government's Housing for Integrated Rural Development (HIRD) investment program is a key pillar of the government's efforts to meet these objectives. The government has requested Asian Development Bank (ADB) assistance to support its efforts in improving the welfare of people in rural areas, particularly through its flagship HIRD program. The technical assistance (TA) was discussed with the government and confirmed in a memorandum of understanding signed in October 2014.¹ The design and monitoring framework is in Appendix 1.

II. ISSUES

2. Economic growth in Uzbekistan has been robust in recent years. Since 2009 it has remained above 8% per year, and it is expected to stay above 7% in 2014 and 2015.² Rural areas are typified by an uneven level of economic development, low industrialization, and high levels of inequity in education and income distribution.³ About 16% of people in Uzbekistan live below the poverty line, 75% of whom live in rural areas.⁴

3. Under the government's Welfare Improvement Strategy, 2013–2015, a key objective is higher rates of economic development in regions that have lower per capita income, industrial production, and services, especially those lagging behind Tashkent City. The government objective is to ensure that living conditions for the rural population are brought as close as possible to the level enjoyed in cities. This is to be achieved through the development of transport and public utilities infrastructure, educational institutions, health care units, and sporting facilities.

4. Prior to 2012, the government made a number of policy changes and implemented various programs to improve the regional economic performance. From 2007 to 2011, it initiated many stimulus measures to expand mortgage loans and housing construction, particularly in rural areas. Two tax benefits included a deduction from taxable income for amounts paid on mortgage loans for young families with mortgage loans living in rural areas, and a 5-year exemption from all taxes for any newly established organizations constructing or renovating houses.

5. The major program launched to support rural housing is the HIRD investment program. As originally envisaged, 40,800 rural houses would be built nationwide from 2011 to 2015. The government supports this program on a number of levels, including giving tax concessions to building contractors, construction materials factories, and homebuyers, offering lower-than-market interest rates on mortgage loans, and providing to homebuyers free housing plots with utility connections developed from land reserves by local governments. To help meet the government's other objectives in rural areas, health workers, teachers, and entrepreneurs were targeted as rural homebuyers. In 2011, ADB approved a \$500 million multitranche financing facility to support HIRD through intermediary financing to the participating commercial banks that provide mortgage loans to homebuyers.⁵

¹ The TA first appeared in the business opportunities section of ADB's website on 4 December 2014.

² ADB. 2014. *Asian Development Outlook Update 2014: Asia in Global Value Chains*. Manila.

³ Government of Uzbekistan. 2013. *Welfare Improvement Strategy of Uzbekistan for 2013–2015*. Tashkent.

⁴ United Nations Development Programme. About Uzbekistan. <http://www.uz.undp.org/content/uzbekistan/en/home/countryinfo/>

⁵ ADB. 2011. *Report and Recommendation of the President to the Board of Directors: Proposed Multitranche Financing Facility to the Republic of Uzbekistan for the Housing for Integrated Rural Development Investment Program*. Manila.

6. The government is keen to build on the work to date and provide additional support for the rural housing sector. This includes providing community services and improving (i) the energy efficiency of housing projects constructed under HIRD, (ii) housing construction standards and quality controls, and (iii) the business environment for rural micro and small businesses. The government also wants to increase the quality of public utility services and ensure that critical pieces of infrastructure, such as natural gas, electricity, drinking water, and roads, are available when needed (footnote 5).

7. As the rural housing market grows, homebuyers are becoming more discerning, demanding more robust construction standards, and expecting swift action to be taken against underperforming construction firms. The government has introduced new processes: (i) greater transparency in procurement; (ii) oversight by local governments, community groups, and regulatory agencies; (iii) a formalized complaints process; and (iv) feedback mechanisms for complaints to ensure that construction of houses under HIRD occurs in a timely manner and complies with the laws of Uzbekistan and ADB's policies.

8. Challenges to the introduction of these processes included coordination of central government, local government, and community groups; familiarization of construction firms with HIRD's tender process; ensuring consistency in the evaluation of tenders; and quick correction of errors to minimize delays. Construction quality performance varies significantly across regions, both in terms of the construction inspection process and in the performance of contractors. The speed and volume of houses built exceeds the government's ability to oversee construction activities, and training for officials is needed. Limitations in construction oversight include a lack of understanding regarding the technology solutions available, few incentives to use innovative techniques and technology, and limited capacity to integrate technology into existing oversight methods. The government is also interested in improving the energy efficiency and cost-effectiveness of HIRD houses.

9. A technical and financial performance review (TFPR) for HIRD houses built from 2009 to 2011, prior to the commencement of ADB support for HIRD, is currently ongoing. In February 2015, a technical and financial performance audit (TFPA) began for HIRD houses built in 2012–2013, i.e., with ADB support. The TFPR and TFPA will review construction quality but will not focus on regulatory issues. The proposed TA will build on the conclusions and recommendations of the TFPR and TFPA and support the development of recommendations for regulatory changes and capacity development improvements. The TA will assist the government in implementing the recommendations, including building capacity in relevant government agencies.

10. The key development issues to be addressed under the TA include:
- (i) clarification of government roles and responsibilities in housing construction oversight;
 - (ii) improved construction of HIRD houses and related infrastructure;
 - (iii) strengthened government oversight of rural housing construction;
 - (iv) strengthened procurement processes within HIRD;
 - (v) improved application of technology in rural housing construction; and
 - (vi) strengthened government support to small, home-based private businesses.

III. THE CAPACITY DEVELOPMENT TECHNICAL ASSISTANCE

A. Impact and Outcome

11. The impact will be improved housing construction, associated infrastructure, and individual work opportunities. The outcome will be improved government technical capacity to deliver rural housing and associated infrastructure, and to support home-based enterprises.

B. Methodology and Key Activities

12. The TA will have the following outputs:

- (i) **Output 1: Improved field technical assessment tools and procurement of Housing for Integrated Rural Development program construction.** The TA will (a) review HIRD designs, procurement processes, construction techniques, regulatory standards, and regulatory oversight processes with government agencies, construction firms, and other relevant stakeholders; (b) assess construction and procurement processes undertaken to date in all provinces (this assessment will be undertaken annually), construction techniques, regulatory oversight mechanisms, documentation at local levels, and any other issues as required; and (c) design and deliver training to government agencies based on findings (to be delivered annually).
- (ii) **Output 2: Improved field technical assessment tools of Housing for Integrated Rural Development program infrastructure and community facilities.** The TA will (a) review the HIRD program infrastructure and community facilities with government agencies and other relevant stakeholders; (b) assess infrastructure and community facilities in all provinces and determine their appropriateness, relevance, and accessibility to homebuyers and *massifs* (residential housing sites); (c) assess field findings against government programs and objectives to determine the progress and effectiveness of government initiatives; and (d) design and deliver training to stakeholders and government agencies based on the findings.
- (iii) **Output 3: Improved field technical assessment tools of program housing in support of home-based enterprises.** The TA will (a) review documentation associated with government efforts to increase home-based enterprises related to the HIRD program, (b) consult with government agencies and other relevant stakeholders in the HIRD program in relation to home-based enterprises, (c) assess home-based enterprises in all provinces to determine the progress and effectiveness of government initiatives, and (d) design and deliver training to stakeholders and government agencies based on the findings.

13. Major assumptions in the development of the TA are that (i) the government continues the HIRD program beyond 2015; (ii) the government reviews and changes necessary technical assessment processes and related resources in a timely manner for rural housing; and (iii) access by consultants to houses, contractors, and other key stakeholders is fully provided in a timely manner.⁶ Major risks to the success of the TA are insufficient government financing for the required changes, government resistance to using new methods and technology, and difficulty in accessing new technology in rural areas.

⁶ On 27 August 2014, the Islamic Development Bank approved a loan providing \$100 million in support for HIRD in 2015.

C. Cost and Financing

14. The TA is estimated to cost \$650,000, of which \$600,000 will be financed on a grant basis by ADB's Technical Assistance Special Fund (TASF-V). The government will provide counterpart support in the form of counterpart staff, logistics support, office accommodation, and other in-kind contributions. The cost estimates and financing plan are in Appendix 2.

D. Implementation Arrangements

15. The TA will be implemented over 30 months from July 2015 to December 2017. The proposed executing agency is the Ministry of Economy. The proposed implementing agency is the State Committee for Architecture and Construction. The Public Management, Financial Sector, and Trade Division and the Uzbekistan Resident Mission, both within the Central and West Asia Department, will manage the TA.

16. The TA will provide a total of 49 person-months of consulting services, which will be supplied through a firm (20 person-months) and the procurement of three individual consultants (29 person-months). The firm will provide four international experts—a civil engineer (team leader), a procurement specialist, a community services specialist, and a small businesses specialist. The three individual consultants will be a civil engineer (international), a civil engineer (national), and a procurement specialist (national).⁷ The national specialists will support the firm. However, the firm will be responsible for all TA outputs delivered after the firm is deployed. The detailed list of consultants and summary terms of reference are in Appendix 3. The firm will be selected in accordance with quality- and cost-based selection using simplified technical proposals and a quality–cost ratio of 80:20. The selection of the firm and the individual consultants will be made in accordance with ADB's Guidelines on the Use of Consultants (2013, as amended from time to time).

17. The consultants will maintain close working relationships with the executing and implementing agencies and will regularly discuss project progress and findings. Consultants will provide both inception reports and deliverables consistent with the design and monitoring framework activities, outputs, and delivery dates. All deliverables will be linked to the design and monitoring framework. All consultant reports will be prepared and provided in English and translated into Russian and/or Uzbek for the government's ease of reference.

18. The TA will follow monitoring and supervision procedures for ADB-administered TA projects. Field reviews will take place at least semiannually, and the TA will be discussed during review missions for related loan projects. The outputs of the TA will be used for policy dialogue, disseminated through various workshops and government websites, and incorporated into future government programs. An evaluation of performance and outcomes will be carried out at the end of the TA and reflected in a TA completion report.

IV. THE PRESIDENT'S DECISION

19. The President, acting under the authority delegated by the Board, has approved the provision of technical assistance not exceeding the equivalent of \$600,000 on a grant basis to the Government of Uzbekistan for Enhancing Efficiency in Rural Infrastructure, and hereby reports this action to the Board.

⁷ The civil engineer (international) will be hired as soon as possible after TA approval in order to provide necessary support during the construction of HIRD houses in 2015 and to prepare the groundwork for the consultants of the firm, which will be selected in late 2015.

DESIGN AND MONITORING FRAMEWORK

Design Summary	Performance Targets and Indicators with Baselines	Data Sources and Reporting Mechanisms	Assumptions and Risks
<p>Impact Improved housing construction, associated infrastructure, and individual work opportunities</p>	<p>Complaints related to HIRD program and associated infrastructure reduced by 10% (baseline: 245 complaints in 2012) by 2020</p> <p>Number of jobs created by home-based enterprises increased by 10% (baseline: 220,000 in 2012) by 2020</p>	<p>HIRD program implementation unit annual statistics</p>	<p>Assumption Government continues the HIRD program beyond 2015.</p> <p>Risk Insufficient government financing for the required changes.</p>
<p>Outcome Improved government technical capacity to deliver rural housing and associated infrastructure, and to support home-based enterprises</p>	<p>Infrastructure inspection processes are enhanced by the expansion and modernization of new inspection and participatory processes by 2017 (baseline: 0 homeowners involved in infrastructure process in 2012).</p> <p>Construction oversight reports are provided to the State Committee of Architecture and Construction within 1 month of inspections and made public (first one in 2015).</p>	<p>Government resolutions of new inspection processes</p> <p>Consultant's reports</p>	<p>Assumption Government reviews and changes necessary technical assessment processes and related resources in a timely manner for rural housing.</p> <p>Risk Government resistance to using new methods or technologies.</p>
<p>Outputs 1. Improved field technical assessment tools and procurement of HIRD program construction</p>	<p>At least 100 houses in each of the 13 provinces assessed annually starting in 2015</p> <p>At least 50 people from Qishloq Qurilish Invest, Tender Committees, and State Committee for Architecture and Construction trained annually in procurement techniques in each of the 13 provinces in 2016 and 2017</p>	<p>Consultant's reports</p>	<p>Assumption Access by consultants to houses, contractors, and other key stakeholders is fully provided in a timely manner.</p> <p>Risk Difficulty in accessing new technology in rural areas</p>

Design Summary	Performance Targets and Indicators with Baselines	Data Sources and Reporting Mechanisms	Assumptions and Risks
	<p>At least 50 people from the rural design institutes and State Committee for Architecture and Construction trained annually in technical assessments in each of the 13 provinces in 2016 and 2017</p> <p>At least 50 bank staff and 50 rural home buyers trained annually in technical assessments in 2016 and 2017</p>		
<p>2. Improved field technical assessment tools of HIRD program infrastructure and community facilities</p>	<p>At least 1 community facility and the HIRD infrastructure of at least 5 <i>massifs</i> assessed in each of the 13 provinces each year starting in 2015</p> <p>At least 50 people trained annually in technical assessments related to HIRD infrastructure from the rural design institutes, <i>Hokimyats</i> (regional or municipal government), and State Committee for Architecture and Construction in each of the 13 provinces in 2016 and 2017</p>	<p>Consultant's reports</p>	
<p>3. Improved field technical assessment tools of HIRD program housing in support of home-based enterprises</p>	<p>At least 5 <i>massifs</i>' home-based business arrangements and options assessed in each of the 13 provinces each year starting from 2015</p> <p>At least 50 bank staff and other relevant government agencies trained annually in technical assessments related to home-based enterprises in 2016 and 2017</p>	<p>Consultant's reports</p>	

Activities with Milestones	Inputs
<p>1. Improved field technical assessment tools for Housing for Integrated Rural Development program construction</p> <p>1.1 Consultants meet and discuss HIRD designs, construction techniques, procurement processes, regulatory standards, and regulatory oversight processes with government agencies, construction firms, and other relevant stakeholders (Q2 2015)</p> <p>1.2 Consultants visit provinces and assess construction undertaken to date, construction techniques, procurement processes, regulatory oversight mechanisms, documentation at local levels, and any other issues as required (Q2 each year)</p> <p>1.3 Consultants design and deliver training to government agencies based on findings (Q3 each year)</p> <p>1.4 Consultants prepare reports on findings of technical assessments each year, and assess if improvements and changes have been implemented based on previous recommendations, and make changes to training as required (Q2 each year)</p> <p>2. Improved field technical assessment tools of HIRD program infrastructure and community facilities</p> <p>2.1 Consultants meet and discuss HIRD program infrastructure and community facilities' services with government agencies and other relevant stakeholders (Q2 2015)</p> <p>2.2 Consultants visit provinces and assess infrastructure and community facilities' services; and discuss their appropriateness, accessibility, and relevance to homebuyers and <i>massifs</i> (Q2 each year)</p> <p>2.3 Consultants assess field findings against government programs and objectives to determine the progress and effectiveness of government initiatives (Q3 each year)</p> <p>2.4 Consultants design and deliver training to stakeholders and government agencies based on findings (Q3 each year)</p> <p>3. Improved field technical assessment tools of program housing in support of home-based enterprises</p> <p>3.1 Consultants review documentation associated with government efforts to increase home-based enterprises related to the HIRD program (Q1 2016)</p> <p>3.2 Consultants meet and discuss HIRD program home-based enterprises with government agencies and other relevant stakeholders (Q1 2016)</p> <p>3.3 Consultants visit provinces and assess prevalence of home-based enterprises and their contributions to the household and <i>massifs</i> (Q2 each year)</p> <p>3.4 Consultants assess field findings against government programs and objectives to determine progress and effectiveness of government initiatives (Q2 each year)</p> <p>3.5 Consultants design and deliver training to stakeholders and government agencies based on findings (Q3 each year)</p>	<p>ADB: \$600,000</p> <p>Note: The government will provide counterpart support in the form of counterpart staff, logistics support, office accommodation, and other in-kind contributions.</p>

ADB = Asian Development Bank, HIRD = Housing for Integrated Rural Development, Q = quarter.

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 consultants (24 person-months)	430.0
ii. National consultants (25 person-months)	52.0
b. International and local travel	50.0
c. Reports and communications	3.0
2. Training, seminars, and conferences	30.0
3. Miscellaneous administration and support costs	5.0
4. Contingencies	30.0
Total	600.0

Note: The technical assistance (TA) is estimated to cost \$650,000, of which contributions from the Asian Development Bank are presented in the table above. The government will provide counterpart support in the form of counterpart staff, logistics support, office accommodation, and other in-kind contributions. The value of government contribution is estimated to account for 8% of the total TA cost.

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

Source: Asian Development Bank estimates.

OUTLINE TERMS OF REFERENCE FOR CONSULTANTS

1. A total of 49 person-months of international (24 months) and national (25 months) consulting services will be required to ensure that the technical assistance (TA) project is effectively managed and the intended outcome is achieved. A combination of individuals and a consulting firm will be engaged. The firm will be selected following the quality- and cost-based method (80:20) and simplified technical proposals in accordance with the Asian Development Bank (ADB) Guidelines on the Use of Consultants (2013, as amended from time to time). The firm inputs will be on an intermittent basis, responding to the government's requirements and progress made during implementation. The individuals will be selected in accordance with the ADB Guidelines on the Use of Consultants (2013, as amended from time to time). The TA will be implemented over 30 months. Reporting and outputs will be closely linked to the design and monitoring framework (DMF) and its indicators, and will be documented in inception reports to be finalized with the government and ADB within 3 weeks of startup. Reports will be provided in English and Russian, with the national consultants responsible for the translated versions.

Consulting Services Inputs

No.	Position	Person-months	Method of Recruitment
International Consultants			
1.	Civil Engineer and Team Leader	5	Firm
2.	Community Services Specialist	5	Firm
3.	Small Businesses Specialist	5	Firm
4.	Procurement Specialist	5	Firm
5.	Civil Engineer	4	Individual
Subtotal International Consultants		24	
National Consultants			
1.	Civil Engineer	9	Individual
2.	Procurement Specialist	16	Individual
Subtotal National Consultants		25	
Total Inputs		49	

Source: Asian Development Bank.

A. Consulting Firm

2. The consulting firm will
 - (i) assign a team leader to provide overall project management, including reporting on the status of activities to the ADB project officer and communicating with government officials and other stakeholders as needed;
 - (ii) develop a project plan through consultation with all stakeholders, including the ADB project officer, government officials, and other consultants; and
 - (iii) ensure timely completion of activities and quality delivery of the outputs as defined in the design and monitoring framework.

B. International Consultants

1. Civil Engineer and Team Leader (5 person-months)

3. The team leader will be responsible for overall management of the TA and timely delivery of all outputs and reports. The team leader will develop and oversee the team work program and ensure effective coordination of all team inputs. The team leader will manage the team of international consultants and coordinate closely with all stakeholders. The consultant will need a civil engineering or similar qualification, with at least 10 years of experience in housing construction, preferably in large government programs. Fluency in Russian and/or Uzbek is highly desirable, along with experience in Central Asia. In close coordination with implementing agencies, the team leader will be responsible for the timely development and delivery of the following tasks:

- (i) research relevant best practices from other countries with regard to housing design, construction techniques, government oversight, and other activities that are relevant to the Housing for Integrated Rural Development (HIRD) program;
- (ii) with other specialists, examine HIRD housing designs, local building standards, local building practices for housing construction, and associated infrastructure;
- (iii) undertake assessments in the field of housing construction, infrastructure, and community facilities;
- (iv) with other specialists, interview homeowners, *mahalla* (local neighborhood community) chiefs, construction firms, and other relevant stakeholders; and
- (v) with other specialists and based on findings, design and deliver various training sessions to relevant parties.

2. Community Services Specialist (5 person-months)

4. The consultant will need a tertiary qualification related to community services, with at least 10 years of experience working on community services issues, preferably in close coordination with key government agencies. Fluency in Russian and/or Uzbek is highly desirable, along with experience in Central Asia. The community services specialist will be responsible for

- (i) undertaking an assessment of the government's policies and programs related to social service provision in the context of the HIRD program;
- (ii) conducting research on relevant best practices in terms of ensuring social services can be delivered in rural locations;
- (iii) interviewing homeowners, *mahalla* chiefs, social service providers and their employees, and other relevant stakeholders; and
- (iv) with other specialists and based on findings, designing and delivering various trainings to relevant parties.

3. Small Businesses Specialist (5 person-months)

5. The consultant will need a tertiary qualification related to small business services, with at least 10 years of experience working on small business services issues, preferably in close coordination with key government agencies. Fluency in Russian and/or Uzbek is highly desirable, along with experience in Central Asia. The small businesses specialist will be responsible for

- (i) undertaking an assessment of the government's policies and programs related to encouraging small businesses in the context of the HIRD program;

- (ii) conducting research on relevant best practices in terms of government policies and programs that encourage small business development, particularly in rural locations;
- (iii) interviewing homeowners, *mahalla* chiefs, and other relevant stakeholders;
- (iv) sampling and assessing home-based businesses operating in HIRD homes to determine successes, issues, profitability, and contributions to household income; and
- (v) with other specialists and based on findings, designing and delivering various trainings to relevant parties.

4. Procurement Specialist (5 person-months)

6. The consultant will need a tertiary qualification, preferably in civil engineering or a related field, with at least 10 years' experience working on procurement issues. The consultant will need to have an understanding of the procurement practices of international financial institutions, and a thorough knowledge of ADB's procurement guidelines and procedures is particularly advantageous. Fluency in Russian and/or Uzbek is highly desirable, along with experience in Central Asia. The procurement specialist will be responsible for

- (i) reviewing the procurement assessment of Qishloq Qurilish Invest and obtaining an understanding of the procurement capacity within that agency;
- (ii) reviewing the procurement documentation of previous years of Qishloq Qurilish Invest, the Tender Committees and other documentation⁸ to gain an understanding of how HIRD procurement practices can be improved;
- (iii) taking a sample of procurement documentation and assess it against actual HIRD homes to determine and assess if the oversight mechanisms are effective or where they could be improved; and
- (iv) with other specialists and based on findings, designing and delivering various trainings to relevant parties.

C. Individual Consultants

7. Three individuals (one international and two national consultants) will be selected. The international consultant will provide necessary support during the construction of HIRD houses in 2015 and prepare the groundwork for the firm that will be selected in late 2015. Although the national consultants will support the firm in its work, the firm will be responsible for the delivery of the outputs under the TA.

D. International Consultant

1. Civil Engineer (4 person-months)

8. The civil engineer will support Qishloq Qurilish Invest and the State Committee for Architecture and Construction in its work during the construction of HIRD 2015 houses. This includes visiting the *massifs* during construction, liaising with local *hokimyats*, regional design institutes, and other stakeholders during construction of the houses. Furthermore, the consultant will be required to prepare an assessment of the construction process for housing construction. The consultant will need a civil engineering or similar qualification, with at least 10 years' experience in housing construction, preferably in large government programs. Fluency in

⁸ ADB. 2013. *Uzbekistan Housing for Integrated Rural Development Investment Program Procurement Review for Effective Implementation*. Manila

Russian and/or Uzbek is highly desirable, along with experience in Central Asia. The consultant will be responsible for the timely development and delivery of the following tasks:

- (i) review the technical and financial performance review and the technical and financial performance audit and other documents related to housing construction in Uzbekistan to obtain an understanding of where efforts should be focused during the consultancy;
- (ii) work with Qishloq Qurilish Invest and the State Committee for Architecture and Construction on the HIRD 2015 construction schedule and determine how the consultant can support these two agencies in their work during construction;
- (iii) visit at least one *massif* in each province to support the activities of the government agencies involved in the construction of the HIRD 2015 houses; and
- (iv) review the construction standards and regulatory processes for housing construction in the context of the HIRD program and provide a report on the processes and procedures from site approvals, regulatory approval for construction, construction itself, and formal regulatory approval of the completed house.

E. National Consultant

1. Civil Engineer (9 person-months)

9. The consultant will support the civil engineer (international) selected as an individual and the firm in the delivery of their respective outputs. The consultant will also participate in the visits to *massifs* made by the Civil Engineer (international). The consultant will assist in the gathering of documentation regarding the regulatory frameworks and processes for housing construction. In addition, the consultant will provide local insights into local building practices which will be fed into the various reports required by the Civil Engineer (international) and the firm. The consultant will need a civil engineering or similar qualification, with at least 10 years of experience in housing construction in Uzbekistan.

2. Procurement Specialist (16 person-months)

10. The consultant will have two distinct tasks. First, assess if the procurement processes have been adhered to ensure an efficient and effective selection of contractors to build the HIRD houses. Second, assist the individual consultants and the firm in the delivery of their respective outputs. The consultant will also participate in the visits to *massifs* made by the civil engineer (international) and the civil engineer (national). The consultant will assist in the gathering of documentation regarding the procurement processes of the government, Qishloq Qurilish Invest, and the State Committee for Architecture and Construction. In addition, the consultant will provide local insights into local procurement practices which will be fed into the various reports required by the firm. The consultant will have a tertiary qualification, preferably in civil engineering or a related field, with at least 10 years of experience in procurement in Uzbekistan.