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MUNICIPAL INFRASTRUCTURE AND IDP HOUSING REHABILITATION PROJECT

MDF GMIP PROCUREMENT OUTREACH EVENT

CONTRACT: AID-EDH-I-00-08-00027-00, TASK ORDER: AID-114-TO-11-00002

April 23, 2012

This document was produced for review by the United States Agency for International Development. It was prepared by Tetra Tech for the Municipal Infrastructure and IDP Housing Rehabilitation Project, Task Order number AID-114-TO-11-00002 under the USAID Architectural and Engineering (A&E IQC).



MUNICIPAL INFRASTRUCTURE AND IDP HOUSING REHABILITATION PROJECT

MDF GMIP PROCUREMENT OUTREACH EVENT

CONTRACT: AID-EDH-I-00-08-00027-00, TASK
ORDER: AID-I14-TO-I1-00002

April 23, 2012

The following document was prepared by Tetra Tech ES, Inc. (<http://www.tetrattech.com>).

DISCLAIMER

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May 2, 2012

Mr. Bradley Carr
Water Irrigation and Infrastructure Advisor
Office of Economic Growth
US Agency for International Development
11 George Balanchine Street
Tbilisi, 0131
Georgia

Re: MDF GMIP Procurement Outreach Event April 23.2012

Dear Mr. Carr:

This report is being submitted to you in accordance with the requirements of task order no. AID-114-TO-11-00002 of contract AID-EDH-I-00-08-00027-00. It provides Tetra Tech's report on the MDF GMIP Procurement Outreach Event held at Radisson Blu Iveria, Tbilisi on April 23, 2012 for the Municipal Infrastructure and IDP Housing Rehabilitation Project.

We look forward to your review and welcome your comments and suggestions.

Very truly yours,

A handwritten signature in black ink that reads 'Jeffrey W. Fredericks'.

Jeffrey W. Fredericks, P.E., PhD
Chief of Party
Tetra Tech, Inc.
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(GMIP)
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Tbilisi, 0102, Georgia
Tel: +995322910401, Fax: +995322910401
Email: Jeff.Fredericks@tetrattech.com

CC: USAID (George Kokochashvili); MDF (Kartlos Gviniashvili); Tetra Tech (Firouz Rooyani, Dean White, Tom Chicca, Illia Eloshvili); Jeff Fredericks Tetra Tech COP

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Acronyms

CCN	Cooperating Country National
CFR	Code of Federal Regulations
CO	USAID Contracts Office
COP	Chief Of Party
DCOP	Deputy Chief Of Party
DRC	Danish Refugee Council
EA	Environmental Assessment
EC	European Commission
EIA	Environmental Impact Assessment
EPI	Economic Prosperity Initiative USAID Project
ESS	Environmental Scoping Statement
GEL	Georgian Lari
Geo	Geo Ltd
GMIP	Municipal Infrastructure And IDP Housing Rehabilitation Project (the project)
GoG	Government of Georgia
HO	Home Office
ICRC	International Committee of the Red Cross
IDP	Internally Displaced Persons
IL	Implementing Letters
KAV	Kavgiprotrans-Mg Ltd
KfW	Kreditanstalt für Wiederaufbau (German International Development Banking Agency)
LTTA	Long Term Technical Assistance
MDF	Municipal Development Fund
MLHSA	Ministry of Labor Health and Social Affairs
MRA	Ministry of Refugee Affairs
MRDI	Ministry of Regional Development and Infrastructure
NEO	New Economic Opportunities (USAID Project)
NGO	Non-Government Organization
NTP	Notification to Proceed
PE	Licensed Professional Engineer
PEA	Programmatic Environmental Assessment
PMC	Project Management Committee
PMP	Performance Monitoring Plan
SDC	Swiss Agency for Development and Cooperation
SIDA	Swedish International Development Corporation Agency
SOW	Scope of Work
STTA	Short Term Technical Assistance
TBD	To Be Determined
TOCOTR	USAID Task Order Cognizant Technical Officer
Tt	Tetra Tech EM Inc
UNHCR	United Nations High Commissioner for Refugees
UNTC	United Nations Treaty Commission
USAID	United States Agency For International Development
USG	U.S. Government
WB	World Bank

USAID/ Caucasus – Municipal Infrastructure and IDP Housing Rehabilitation Project
(GMIP)
MDF GMIP Procurement Outreach Event
Radisson Blu Iveria, Tbilisi
April 23, 2012

1. Background

Under the United States Agency for International Development (USAID)/ Caucasus – Municipal Infrastructure and IDP Housing Rehabilitation Project (GMIP) Contract No. AID-EDH-I-00-08-00027-00 Order No: AID-114-TO-I 1-00002, Tetra Tech EM Inc. (Tt) is responsible for providing support to monitor current processes and practices, identify and mitigate areas of risk, and carry out oversight and quality control efforts to ensure that selected municipal and Internally Displaced Persons (IDP) infrastructure projects are implemented effectively and in accordance with U.S. and Georgian standards and regulations.

The major purpose of this project is to improve the infrastructure in five selected municipalities - Dusheti, Mtskheta, Gori, Kareli, and Oni, affected during Russian Georgian conflict in 2008 and improve living standards for nearly 4,000 houses constructed by the GoG without running water or sewer systems for IDPs from the August 2008 conflict, to provide each house with a shower, sink, toilet, water taps and other renovation as necessary. The funds will also be used to upgrade existing IDP shelters and redevelop buildings for use as durable housing for IDPs from previous conflicts. Funding will also support various other activities focused on ensuring overall sustainability of IDP housing.

The USAID/Georgia Municipal Infrastructure and IDP Housing Rehabilitation Project (GMIP) has three components: Component 1, Municipal Infrastructure (\$9.57 million); Component 2, Rehabilitation of Irrigation Infrastructure (\$8.16 million); and Component 3, IDP Durable Housing (\$34.67 million).

Under Component 1 Municipal Infrastructure GMIP has identified 4 road projects (over 25 km) for rehabilitation in five municipalities with an estimated construction cost of USD 4.5 M. It has been proposed that a design-build (DB) project delivery procurement procedure be used for these projects.

2. Purpose of the Event

The purpose of the event was to increase awareness and competition for potential upcoming bid participants on the GMIP road projects. Other goals and objectives included:

- Spread information about the ongoing road rehabilitation project among the potential bidders
- To deliver appropriate background detail to potential contractors and to obtain feedback on how we can improve project implementation activities
- When and where tenders are announced
- What are the major evaluation and qualification criteria for participation in the tenders

- Technical aspects of anticipated projects
- Familiarization with structure of design-build bidding documents
- Spread information on the upcoming road rehabilitation projects
- Enhance transparency and competition, ensure most efficient use of funds
- Feedback on how to improve the procurement process

3. Event Outcomes

Event was successful and mutually beneficial as for Contractors as well as for USAID/MDF/Tt. Contractors received clear information, where and when tenders will be announced, and also what kind of criteria's are required from employer. Technical explanation of the anticipated projects would help contractors to understand better the location, duration and some other aspects. Explanation of Design/Build concept will help contractors to choose the right strategy and partners during the bidding process. Contractors also became aware, that quality is the most important factor for the employer and Employers requirements shall be assessed carefully and necessity of developing correct QA/QC plans is essential for further cooperation.

For USAID /MDF /Tt – the session of questions and answers was the most important. It was clear from verbal conversations and also from questionnaire filled, that Design/Build concept is not restrictive factor for companies to participate in tenders, however for small and medium size companies Oni project might be the reason not to participate because of the location. Those findings will support USAID/MDF/Tt to find the right procurement strategy for future.

4. Event Agenda (See Attachment for the Workshop agenda)

There were 9 sessions each lasting about 20 minutes. These included:

1. General Presentation of GMIP Project. Reasons and Objectives of Event presented by Kartlos Gviniashvili (MDF).
2. Presentation of Anticipated Road Projects – Location, Duration, and Scope of Work etc. presented by Vasil Pekhmashvili (MDF).
3. Explanation of Design Build Concept presented by Zurab Baratashvili (MDF)
4. Presentation/Explanation of Financial Criteria, Insurances, and Securities required presented by Zurab Baratashvili (MDF) and Sergo Gviniashvili (Tetra Tech).
5. Presentation/Explanation of Technical Criteria and Requirements. Schedule, Technical Proposal, Staffing, Equipment, QA/QC plan presented by Vasil Apkhazava (Tetra Tech).
6. Environmental and Health and Safety Requirements presented by Mamuka Gvilava (TetraTech).
7. Employer's Requirements & Quality of the Works presented by Vasil Apkhazava (Tetra Tech).
8. Questions and Answers/Filling Questionnaires by the Contractors/Opportunity for Additional Questions from Contractors led by Mr. Ilia Eloshvili (Tetra Tech) and Mr. Zurab Baratashvili (MDF).
9. Opportunity for MDF/Tetra Tech to Elaborate on First Findings Based on the Questionnaires.

5. Event Participants (A list of Participants is included as Attachment)

The total number of 35 persons participated in the event (3 Ladies and 32 Gentlemen). This included participants from USAID (3), MDF (3), "Tsekuri Ltd" (1), "Ltd Mshenebeli 80" (2), "Ltd Black Sea Group" (3), "Watkinson LLC" (2), "Ltd Iberia Tech" (2), "Ltd Serpantini" (1), "Eptisa" (1), "New Energy" (1), "Akkord Georgia" (2) and Tetra Tech (14).

Three (3) Companies requested to have a copy of Power Point Presentation ("New Energy", "Watkinson LLC" and "Eptisa") and they were sent dual language presentation as a follow up.

6. Attachments

- A. MDF GMIP Procurement Outreach Power Point Presentation
- B. Workshop Agenda
- C. Workshop List of Participants
- D. Questionnaires

Attachment A MDF GMIP Procurement Outreach Power Point Presentation



USAID/Georgia Municipal Infrastructure and IDP Housing Rehabilitation Project

MDF GMIP PROCUREMENT OUTREACH EVENT

Radisson Blu Iveria, Tbilisi

Monday, 23 April 2012



Outreach: Section 1

Goals and Objectives of Outreach Event

Main Goal:

Increase awareness of potential bidders

- When and where tenders are announced
- What are the major criteria
- Technical aspects of anticipated projects
- Familiarization with structure of standard bidding documents

Goals and Objectives of Outreach Event

Objectives:

Spread information on the upcoming road rehabilitation projects

Enhance transparency and competition

Ensure most efficient use of funds

Feedback on how to improve the procurement process



Outreach: Section 2

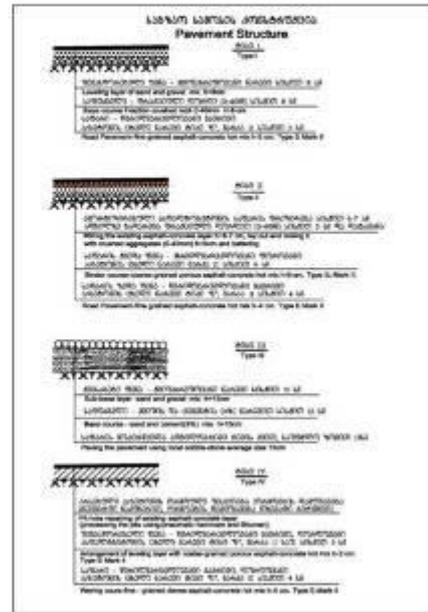
General Situation Road Map (5 roads project)

1. Oni Roads
2. Dusheti Roads
3. Mtskheta Roads
4. Sagolasheni – Dvani Road
5. Gorijvari Road



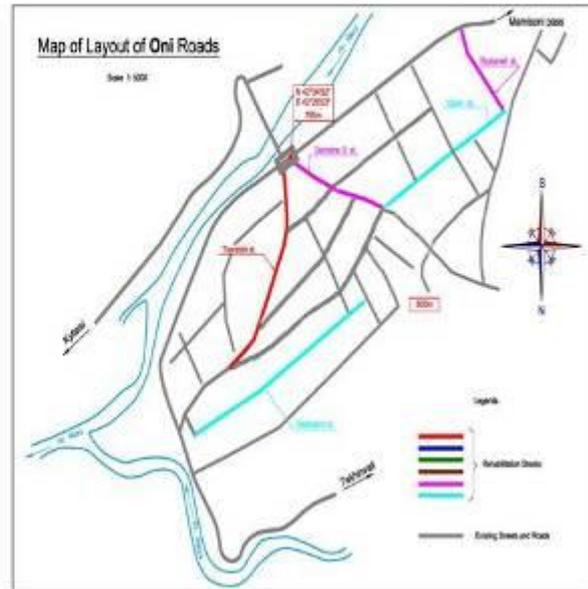
Anticipated Rehabilitation Works

- **Project duration from 6 to 12 months**
- Milling of existing asphalt
- Earth works (cut, fill, level)
- Arranging paving
- Arranging asphalt layer
- Arranging sidewalks and kerbs
- Restoration/cleaning of existing water channels
- Arranging new concrete channels
- Restoration/arrangement of nearby structure of road (railings, road signs, lightings, etc)
- Wrapping/protecting underground communications



Rehabilitation of 5 roads in Oni

- Installation of asphalt paving in Town Oni internal roads
- Main Social Outcomes direct beneficiaries 3400 population
- The 40-50% of asphalt layer is amortized (average width is 6.0 -7.0m)
- The types of damages of the asphalt pavement are various : piats, alligator cracks, etc.
- The road does not have water avoidance system
- Project implementation will result in rehabilitation of 2.34 km motor road section



Photos of Oni Roads to be rehabilitated



Rehabilitation of 8 roads in Dusheti

- Rehabilitation of Town Dusheti streets and storm drains
- The 50-60% of asphalt layer is amortized
- Main Social Outcomes 5600 population
- Rehabilitation of the streets damaged as result of mudslide in Dusheti, restoration-rehabilitation and reinstallation of storm drains (asphalt 2,620 km, stone pavement 1,040 km)

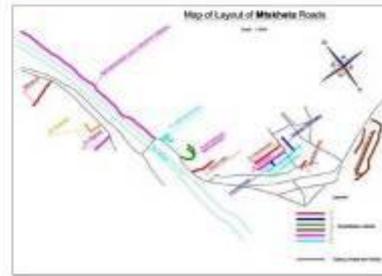
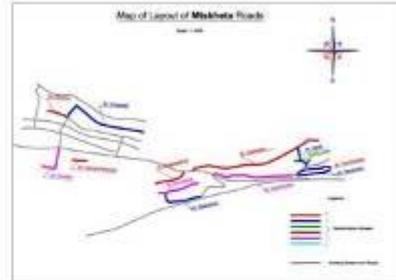


Photos of Dusheti Roads to be rehabilitated



Rehabilitation of 32 roads in Mtskheta

- Construction and rehabilitation of Mtskheta internal roads, installation of the respective service lines
- The 50-60% of asphalt layer is amortized
- Will serve 10 000 population, approximately 100,000 tourists annually. Will foster infrastructure development, private business and tourism.
- Project implementation will result in rehabilitation of 10.345 km motor road section



Photos of Mtskheta Roads to be rehabilitated



Rehabilitation of Sogholasheni-Dvani motor road (Khareli)

- The rehabilitation road is so amortized that it takes 1.5 hours to cover 12,3 km distance.
- The 70-80% of asphalt layer is amortized (average width is 4.5 - 7.0 m)
- The types of damages of the asphalt pavement are various : piats, étalements, alligator cracks, etc.
- The road does not have water avoidance system
- Project implementation will result in rehabilitation of 12,3 km motor road section
- Project implementation will result in improved conveyance conditions for 5 villages (6500 population)

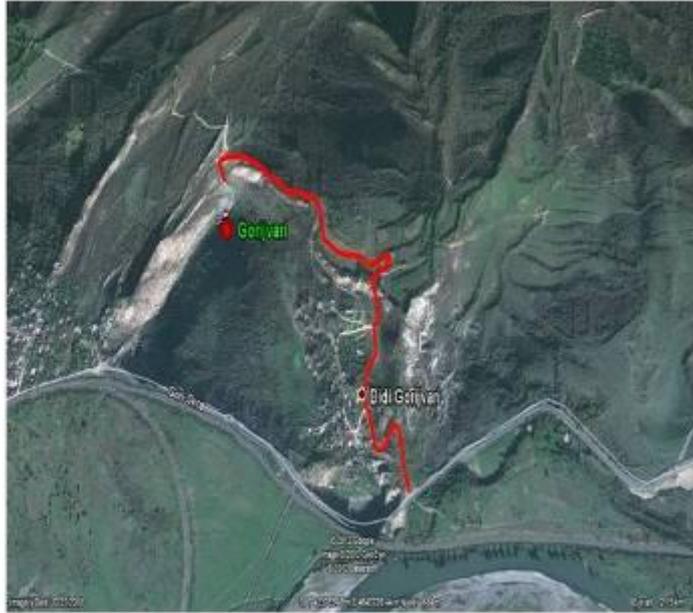


Photos of Sagolasheni – Dvani Road to be rehabilitated



Rehabilitation of Gorijvari road

- Village Gorijvari is located in Eastern Georgia, in Gory Municipality
- 1,445 km of Gorijvari road needs rehabilitation
- Road is V category road with 4.5 m width
- Due to specific configuration of relief, combination of cable stone and asphalt pavements will be used
- Works include restoration of road surface and construction of engineering structures



Photos of Gorijvari Road to be rehabilitated





Outreach: Section 3

Eligible Countries

NATIONALITY AND SOURCE OF GOODS AND SERVICES, INCLUDING DELIVERY SERVICES in USAID -Financed Procurement

Grantee contracting is subject to nationality, source, origin, and cargo preference policies set forth in the Strategic Objective Grant Agreement (Assistance Agreement) and Annex 2 thereto, and in mandatory clauses contain in Attachment 2. In general, in order to be eligible for USAID financing all goods and services provided by the Contractor or any subcontractor under a contract awarded by the Contracting Agency with funds provided under the Grant Agreement (Assistance Agreement) must have their nationality, source, and origin in those countries listed in USAID Geographic Code 000 and 110 in effect on the date of acquisition, which currently consists of the United States, Georgia, Armenia, Azerbaijan, Belarus, Kazakhstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan.

Waiver of this requirement may only be approved by USAID in writing.

Selection procedures

The Borrower shall ascertain whether the bids (a) meet the eligibility requirements, (b) have been properly signed, (c) are accompanied by the required securities or required declaration signed as specified in the bidding documents, (d) are substantially responsive to the bidding

documents, and (v) are otherwise generally in order. If a bid is not substantially responsive, that is, it contains material deviations from or reservations to the terms, conditions, and specifications in the bidding documents, it shall not be considered further.

The bidder shall not be permitted to correct or withdraw material deviations or reservations once bids have been opened.

Bidding documents specify the relevant factors in addition to price to be considered in bid evaluation and the manner in which they will be applied for the purpose of determining the lowest evaluated bid. The factors other than price to be used for determining the lowest evaluated bid shall, to the extent practicable, be expressed in monetary terms, or given a relative weight in the evaluation provisions in the bidding document.

Design Build Concept

Design-build (or design/build, and abbreviated D-B or D/B accordingly) is a project delivery system used in the construction industry. It is a method to deliver a project in which the design and construction services are contracted by a single entity known as the design-builder or design-build contractor. In contrast to "design-bid-build" (or "design-tender"), design-build relies on a single point of responsibility contract and is used to minimize risks for the project owner and to reduce the delivery schedule by overlapping the design phase and construction phase of a project. "DB with its single point responsibility carries the clearest contractual remedies for the clients because the DB contractor will be responsible for all of the work on the project, regardless of the nature of the fault".

The traditional approach for construction projects consists of the appointment of a designer on one side, and the appointment of a contractor on the other side. The design-build procurement route changes the traditional sequence of work. It answers the client's wishes for a single-point of responsibility in an attempt to reduce risks and overall costs. It is now commonly used in many countries and forms of contracts are widely available.

Design-build is sometimes compared to the "master builder" approach, one of the oldest forms of construction procedure. Comparing design-build to the traditional method of procurement, the authors of "Design-build Contracting Handbook" noted that "from a historical perspective the so-called traditional approach is actually a very recent concept, only being in use approximately 150 years. In contrast, the design-build concept—also known as the "master builder" concept—as been reported as being in use for over four millennia."

The "design-builder" is often a general contractor, but in many cases a project is led by a design professional (architect, engineer, architectural technologist or other professional designers). Some design-build firms employ professionals from both the design and construction sector. Where the design-builder is a general contractor, the designers are typically retained directly by the contractor. Partnership or a joint venture between a design firm and a construction firm may be created on a long term basis or for one project only.



Outreach: Section 4

Evaluation and Qualification Criteria

- **Historical Contract Non-Performance**
 - **History of non-performing contracts**
 - **Pending Litigation**

- **Financial Situation**
 - **Historical Financial Performance**
 - **Average Annual Turnover**
 - **Financial Resources**

Historical Contract Non-Performance

- **History of non-performing contracts**
 - **Non-performance of a contract did not occur within the last XXXX years prior to the deadline for bid opening date.**
- **Pending Litigation**
 - **All pending litigation shall in total not represent more than XXXX percent of the Bidder's net worth.**
- **Form CON-2**

Historical Contract Non-Performance

Non-Performing Contracts in accordance with (Evaluation and Qualification Criteria)			
<input type="checkbox"/> Contract non-performance did not occur during the stipulated period, in accordance with Sub-Factor 2.2.1 of Section III (Evaluation and Qualification Criteria). <input type="checkbox"/> Contract non-performance during the stipulated period, in accordance with Sub-Factor 2.2.1 of Section III (Evaluation and Qualification Criteria).			
Year	Outcome as Percent of Total Assets	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
_____	_____	Contract Identification: Name of Employer: Address of Employer: Matter in dispute:	_____
Pending Litigation, in accordance with Section III (Evaluation and Qualification Criteria)			
<input type="checkbox"/> No pending litigation in accordance with Sub-Factor 2.2.2 of Section III (Evaluation and Qualification Criteria). <input type="checkbox"/> Pending litigation in accordance with Sub-Factor 2.2.2 of Section III (Evaluation and Qualification Criteria), as indicated below:			
Year	Outcome as Percent of Total Assets	Contract Identification	Total Contract Amount (current value, US\$ equivalent)
_____	_____	Contract Identification: Name of Employer: Address of Employer: Matter in dispute:	_____
_____	_____	Contract Identification: Name of Employer: Address of Employer: Matter in dispute:	_____

Financial Situation

- **Historical Financial Performance**
 - Audited financial statements, audited by independent certified auditor, for the last XXXX years to demonstrate the current soundness of the bidders financial position and its prospective long term profitability.
 - As a minimum, a Bidder's net worth calculated as the difference between total assets and total liabilities should be positive.
- **Form FIN-3.1**

Financial Situation

Form FIN-3.1

Financial information in US\$ equivalent	Historic information for previous _____ () years (US\$ equivalent in 000s)						
	Year 1	Year 2	Year 3	Year ...	Year n	Avg.	Avg. Ratio
Information from Balance Sheet							
Total Assets (TA)							
Total Liabilities (TL)							
Net Worth (NW)							
Current Assets (CA)							
Current Liabilities (CL)							
Information from Income Statement							
Total Revenue (TR)							
Profit Before Taxes (PBT)							

Financial Situation

- **Average Annual Turnover**
 - Minimum average annual turnover of XXXX GEL; calculated as total certified payments received for contracts in progress or completed, within the last XXXX years
 - Average annual turnover calculated as total certified payments received for work in progress or completed over the number of years
- **Form FIN-3.2**

Financial Situation

Form FIN-3.2

Annual turnover data		
Year	Amount and Currency	US\$ equivalent
* Average Annual Turnover		

Financial Situation

- **Financial Resources**
 - The Bidder must demonstrate access to, or availability of, financial resources such as liquid assets, unencumbered real assets, lines of credit, and other financial means, other than any contractual advance payments to meet:
 - (I) the following cash-flow requirement: XXXX (GEL); and
 - (ii) the overall cash flow requirements for the contract and its concurrent commitments.
- **Form FIN-3.3**
- **Form CCC (Current Contractual Commitments)**

Financial Situation

Form FIN-3.3

Source of financing	Amount (US\$ equivalent)
1.	
2.	
3.	
4.	

Financial Situation

Form CCC (Current Contractual Commitments)

Name of contract	Employer, contact address/tel/fax	Value of outstanding work (current US\$ equivalent)	Estimated completion date	Average monthly invoicing over last six months (US\$/month)
1.				
2.				
3.				
4.				
5.				
etc.				

Insurance coverage

The minimum insurance coverage shall be:

- (a) For loss or damage to the Works, Plant and Materials**
- (b) For loss or damage to Equipment**
- (c) For loss or damage to Property (except the Works, Plant, Materials, and Equipment) in connection with Contract**
- (d) For personal injury or death of the Contractor's employees**
- (e) For personal injury or death of the other people**
- (f) Third Party Liability**

Securities to be provided

- **Bid Security in amount of % of anticipated contract price**
- **The Performance Security in amount of 10% of contract price**
- **Advance Payment Bank Guarantee**



Outreach: Section 5

Technical Proposal (Part 1 – Bidding Forms)

- 1) Forms for Personnel
- 2) Forms for Equipment
- 3) Method Statement
- 4) Mobilization/Site Organization
- 5) Site investigation/Design/Construction
Methodology
- 6) Project QA/QC plan (Initial issue)
- 7) Program and Schedule

Technical Proposal (Part 1 – Bidding Forms) 1) Forms for Personnel

Position*		
Personnel information	Name *	Date of birth
	Professional qualifications	
Present employment	Name of Employer	
	Address of Employer	
	Tele phone	Contact (manager / personnel officer)
	Fax	E-mail
	Job title	Years with present Employer

Technical Proposal (Part 1 – Bidding Forms) 2) Forms for Equipment

Type of Equipment*	
Equipment Information	Name of manufacturer
	Model and power rating
	Capacity*
	Year of manufacture*
Current Status	Current location
	Details of current commitments
Source	Indicate source of the equipment <input type="checkbox"/> Owned <input type="checkbox"/> Rented <input type="checkbox"/> Leased <input type="checkbox"/> Specially manufactured

Technical Proposal (Part 1 – Bidding Forms)

3) Method Statement

Excavation
Concreting
Reinforcement
Asphalt
Electrical
Piping

Technical Proposal (Part 1 – Bidding Forms)

4) Mobilization/Site Organization

Recourses

Schedule

Site / plant / storage plan

Technical Proposal (Part 1 – Bidding Forms)

6) Project QA/QC plan

(Initial issue) - *See next pages*



**TABLE OF CONTENT FOR CONTRACTOR'S
INITIAL QC PLAN DEVELOPMENT**

ORGANIZATION AND RESPONSIBILITIES

INSPECTION

TESTING

REPORTS AND RECORDS

SUBMITTALS

NON_CONFORMANCES

MATERIAL RECEIVING, HANDLING AND STORAGE

ATTACHMENTS:

Appendix A	Letters of Authorization with Resumes
Appendix B	Construction Procedures (Concreting, Reinforcing, Asphalt, etc.)
Appendix C	Forms
Appendix D	Submittal Flow Chart / Schedule
Appendix E	Major Definable Features of Work
Appendix F	Time Schedule
Appendix G	Organizational Chart

Construction QC Plan

The Construction QC Plan shall list the sequence of activities involved in the project development such as:

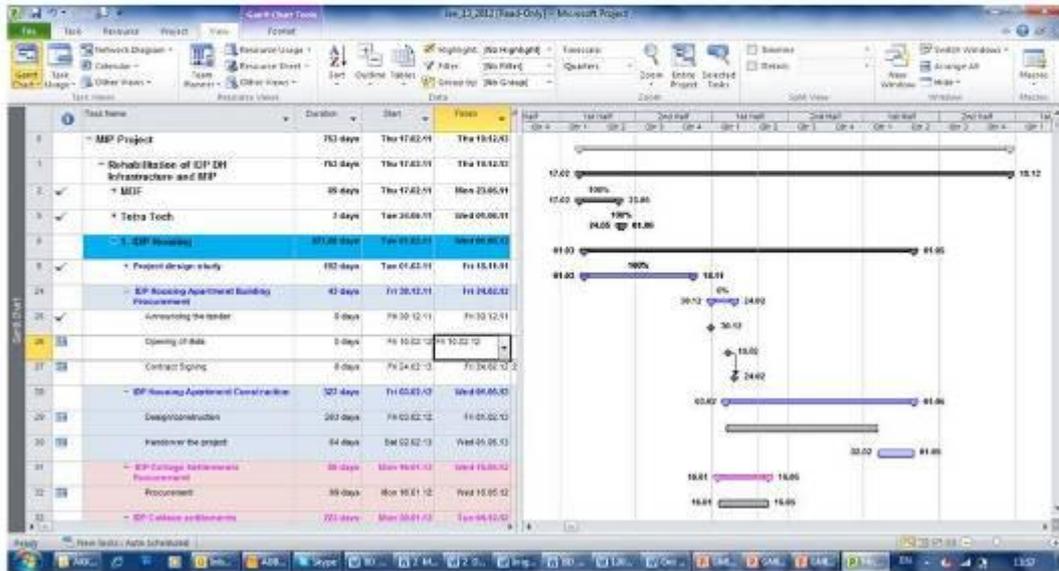
- Engineering preparation
- Purchasing and vendor inspection
- Material management
- Process and operator qualifications
- Equipment calibration
- Contract and Sub-Contractor works
- Construction activities
- Inspection and testing
- Collection and review of records

Design QA/QC Plan

The Design QC Plan shall list the sequence of activities involved in the design development such as:

- Identification of features of Design
- Identification of Designer of Reports (DOR)
- Identify an Applicable Standards
- Describe Design control stages and processes
- Provide Design Organizational Chart / Personnel Responsibilities
- Provide Design Quality Control Checklists
- Explain the sequence and dependence with construction process
- Describe the Design, Revision, Submission, Approval processes
- Etc.

Program and Schedule





Outreach: Section 6



Environmental and Health and Safety Requirements
(to be provided by Mamuka Gvilava)



Outreach: Section 7



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Section 1 - Instructions to Bidders

Section II - Bid Data Sheet (BDS)

Section III - Evaluation and Qualification Criteria

Section IV - Bidding Forms

PART 2 – Employer’s Requirements

Section VI - Employer’s Requirements

PART 3 – Conditions of Contract and Contract Forms

Section VII. General Conditions of Contract

Section VIII. Particular Conditions of Contract

Section IX - Contract Forms

PART 4 – Attachments



Section VI - Employer's Requirements

Section 6-A Particular Specifications

- 1 Project Background
- 2 The Site
- 3 Works Under the Contract
- 4 Program of Performance**
- 5 Responsibility of the Contractor for Design**
- 6 Quality of the Works**
- 7 Program Schedule**
- 8 Physical And Other Data Available To Contractor
- 9 Layout of Work and Surveys
- 10 Approval of Materials and Equipment**
- 11 Construction Camps
- 12 Health and Safety
- 13 Construction Utilities
- 14 Traffic - Roads, Bridges
- 15 Signboards
- 16 Environmental Protection
- 17 Standards Of Countries Other Than Those Specified
- 18 Photographs
- 19 Measurement And Payment - General
- 20 Measurement and Payment for General Provisions
- 21 Day work

Section 6B – TECHNICAL SPECIFICATIONS

Section 6C - DRAWINGS AND SECTION

Section 6D - SUPPLEMENTARY INFORMATION

6 Quality of the Works

6.1 General

6.2 Quality Control Plan

6.2.1 General

6.2.2 Content of the Initial QC Plan

6.2.3 Acceptance of Plan

6.2.4 Notification of Changes

6.2.5 Coordination Meeting

6.3 QC Organization

6.4 Design Quality Control (DQC) Plan

6.5 Construction Quality Control (CQC) Plan

6.5.1 Preparatory Phase

6.5.2 Initial Phase

6.5.3 Follow up Phase

6.5.4 Additional Preparatory and Initial Phases

10 Approval of Materials and Equipment

10.1 Quality of Materials

10.2 Submission of Samples and Data

10.3 Testing

10.3.1 Testing Procedure

10.4 Testing Laboratories

10.5 Cost

10.6 Inspection

10.6.1 Completion Inspection

10.6.1.3 Final Acceptance Inspection

10.6.2 Documentation

10.6.3 Sample Forms

10.6.4 Notification of Noncompliance

17 Standards Of Countries Other Than Those Specified

NO	AUTHORITY	ABBREVIATION
1	American Association of State Highway and Transportation Officials 444 North Capital St, N.W. Suite 225 Washington, D.C. 20001, USA	AASHTO
2	American Concrete Institute P.O. Box 19150, Redford Station Detroit, Michigan 48219, USA	ACI
3	American Institute of Steel Construction One East Wacker Drive, Suite 3100 Chicago, Illinois 60601, USA	AISC
4	American National Standards Institute, Inc. 1430 Emsdway, New York, NY 10018, USA	ANSI
5	American Society for Testing and Materials 1916 Race Street Philadelphia, Pennsylvania 19103, USA	ASTM
6	American Society of Mechanical Project Managers	ASME

Section 6B – TECHNICAL SPECIFICATIONS

Preparation of construction site

Material

Construction Requirements

Measurement

Payment

Structures

- Culverts
- Bridge Repair
- Concrete Works
- Reinforcement
- Retaining walls
- Hot Asphalt Concrete Pavement

Plant and Equipment

Drawings



Outreach: Section 8

არის თუ არა დიზაინი-შენიშვნა (Design/Build) კონკრეტული ხელის შეშლელი ფაქტორი გზების რეაბილიტაციის პროექტის ტენდერში თქვენი მონაწილეობისათვის?
Does design/build concept impede your participation in the road rehabilitation tender?

კი / yes არა / no

თუ კი, გთხოვთ, განსაზღვროთ კონკრეტულად რომელი ასპექტია: / In Yes, please specify which component:

მიიღებთ თუ არა გზების რეაბილიტაციის პროექტის ტენდერში მონაწილეობას, თუ ყველა პროექტი გაერთიანდა ერთ ლოტში ქ. ონის გზების რეაბილიტაციის პროექტის ჩათვლით?
Will you be participating in the road rehabilitation project tender in case all road projects are consolidated in one lot?

კი / yes არა / no

თუ არა, გთხოვთ, დაასახლოთ მიზეზი: / In No, please explain the reason:

წარმოადგენს თუ არა ქ. ონის გზების რეაბილიტაციის პროექტი, მისი გეოგრაფიული მდებარეობის გამო, გამაზრკოლებელ ფაქტორს თქვენი ტენდერში მონაწილეობისათვის.
Does Oni internal road rehabilitation project, due to geographical location, impede your participation in the tender?

კი / yes არა / no

დაგეხმარათ თუ არა დღევანდელი შეხვედრა თქვენი ტენდერში მონაწილეობისთვის გადაწყვეტილების მიხედვით?
Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

კი / yes არა / no

თუ არა, გთხოვთ, დაასახლოთ მიზეზი: / In No, please explain the reason:



Thank You!

Attachment B. Workshop Agenda

Presentation will be formal with questions and answers allowed after each section

- 10:00 Convene in Conference Room**
1. General Presentation of GMIP Project. Reasons and Objectives of Event
MDF Representative (20 Minutes)
 2. Presentation of Anticipated Road Projects – Location, Duration, and Scope of Work etc.
Vasil Pekhmashvili (MDF – 20 Minutes)
 3. Short Explanation of Design Build Concept
Zurab Baratashvili (MDF – 20 Minutes)
 4. Presentation/Explanation of Financial Criteria, Insurances, Securities Required
Zurab Baratashvili in Cooperation with Sergo Gviniashvili (MDF/Tetra Tech 20 Minutes)
 5. Presentation/Explanation of Technical Criteria and Requirements. Schedule, Technical Proposal, Staffing, Equipment, QA/QC plan
Vasil Apkhazava (Tetra Tech – 20 Minutes)
 6. Environmental and Health and Safety Requirements
Mamuka Gvilava (Tetra Tech – 20 minutes)
- 12:15 Coffee Break**
- 12:30 Convene in Conference Room**
7. Employer's Requirements & Quality of the Works
Vasil Apkhazava (Tetra Tech - 20 Minutes)
 8. Questions and Answers:
 - Filling Questioners by the Contractors *(10 Minutes)*
 - Opportunity for Additional Questions from Contractors *(10 Minutes)*
 - Opportunity for MDF/Tetra Tech to Elaborate on First Findings Based on the Questioners *(10 Minutes)*
 9. Closing Remarks
MDF Representative (10 Minutes)
- 13:30 Adjourn, Buffet Refreshments for Participants**

Attachment C. Workshop List of Participants

List of Participants for Outreach Event held on Monday April 23, 2012

Name/Organization	Title	Signature
USAID		
1 Bradley Carr	Water, Irrigation and Infrastructure Advisor	<i>[Signature]</i>
2 George Kokochashvili	Engineering Specialist	<i>[Signature]</i>
3 Jesse Gutierrez	Engineering Officer	<i>[Signature]</i>
MDF		
4 Paata Charakashvili	Head of Division for Relations with Int Organizations	<i>[Signature]</i>
5 Vasil Peikhmashvili	Road Engineer	<i>[Signature]</i>
6 Zurab Baratashvili	Procurement Manager	<i>[Signature]</i>
7 Kartlos Gviniashvili	Program Manager	<i>[Signature]</i>
8 Iliana Khvichia	Public Relations	
LTD Tsekuri		
9 Beka Khabuliani	Executive Director	<i>[Signature]</i>
LTD Ibcilia		
10 David Goderdzishvili	Deputy Director	
LTD Mshenebeli 80		
11 Valeri Butskhridze	Director	<i>[Signature]</i>
12 Giorgi Oboladze	Head of Technical Department	<i>[Signature]</i>
LTD Black Sea Group		
13 David Dzvelaia	Head of Technical Department	
14 Genadi Akopashvili	Engineer of Technical Department	<i>[Signature]</i>
15 Eleonora Kutsia	Office manager	<i>[Signature]</i>
16 Mariam Swanidze	Project Manager Assistant	<i>[Signature]</i>
LTD In-si		
17 Irakli Togonidze	Director	
18 Ioseb Ambokadze	Financial Manager	
Watkinson LLC		
18 Ana Bokeria	Did not Specify	<i>[Signature]</i>
19 John Watkinson	Did not Specify	<i>[Signature]</i>
LTD Iberia Tech		
20 Grigol Giginelshvili	Executive Director	<i>[Signature]</i>
21 Giorgi Moshvili	General Director	<i>[Signature]</i>
LTD Serpantini		
22 Zurab Pelkrishvili	Director	<i>[Signature]</i>
Eptisa		
23 Zurab Kviriashvili	Representative in Georgia	<i>[Signature]</i>
Tetra tech		
24 Jeffrey Fredericks	COP	<i>[Signature]</i>
25 Iliia Eloshvili	Deputy COP	<i>[Signature]</i>
26 Michael McGovern	PM/Procurement Consultant	<i>[Signature]</i>
27 Teimuraz Levanishvili	Housing Rehabilitation Manager	<i>[Signature]</i>
28 Givi Varduashvili	Civil Engineer	<i>[Signature]</i>
29 Vasil Apkhazava	QA/QC Specialist	<i>[Signature]</i>
30 Sergo Gviniashvili	Finance and Procurement Manager	<i>[Signature]</i>
31 Otar Maghalashvili	Irrigation Engineer	<i>[Signature]</i>
32 Mamuka Shaorshadze	Environmental Engineer	<i>[Signature]</i>
33 Irakli Kakulia	Paralegal	<i>[Signature]</i>
34 Archil Lezhava	Program Specialist/Public Outreach	<i>[Signature]</i>
35 George Nizharadze	Office Administrator	<i>[Signature]</i>
36 Maia Dali	Translator/Interpreter	<i>[Signature]</i>
37 Koba Tsiramua	Regional Engineer	<i>[Signature]</i>
38 Mamuka Gvilava	Environmental Consultant	<i>[Signature]</i>
Total	38 Persons	

New Energies *[Signature]*
 Arkord Georgia - *[Signature]*
 AKKORD Georgia - *[Signature]*

Attachment D. Questionnaires

ქ.ს.ს. "ნიგოია ტექ"

არის თუ არა დიზაინი-შენებლობა (Design/Build) კონცეფცია ხელის შეშლელი ფაქტორი გზების რეაბილიტაციის პროექტის ტენდერში თქვენი მონაწილეობისათვის?

Does design/build concept impede your participation in the road rehabilitation tender?

კი / yes

არა / no

თუ კი, გთხოვთ, განმარტოთ, კონკრეტულად რომელი ასპექტი: / In Yes, please specify which component:

მიიღებთ თუ არა გზების რეაბილიტაციის პროექტის ტენდერში მონაწილეობას, თუ ყველა პროექტი გაერთიანდა ერთ ლოტში ქ. ონის გზების რეაბილიტაციის პროექტის ჩათვლით?

Will you be participating in the road rehabilitation project tender in case all road projects are consolidated in one lot?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

იმის ნიშნის გამო, რომ ჩვენი კომპანია მონაწილეობს მხოლოდ ერთ პროექტში (განსაკუთრებით ონის პროექტში) შეუძლებელი იქნება დაეხმარებოდნენ და შეამზადონ პროექტის კაიენტი, რადგან საბაზისი რისკებია.

წარმოადგენს თუ არა ქ. ონის გზების რეაბილიტაციის პროექტი, მისი გეოგრაფიული მდებარეობის გამო, გამაბრკოლებელ ფაქტორს თქვენი ტენდერში მონაწილეობისათვის.

Does Oni internal road rehabilitation project, due to geographical location, impede your participation in the tender?

კი / yes

არა / no

დაგეხმარათ თუ არა დღევანდელი შეხვედრა თქვენი ტენდერში მონაწილეობისთვის გადაწყვეტილების მისაღებად.

Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

მისაღებია თუ არა თქვენი კომპანიისთვის, რომ USAID-ს შემდგომ ეტაპზე გაუზიაროთ თქვენი შთაბეჭდილება აღნიშნულშესული შესყიდვების პროცესთან დაკავშირებით?

Would your Company be comfortable with USAID contacting then to request their feedback and satisfaction with their experience with these procurements?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

არის თუ არა დიზაინი-შენებლობა (Design/Build) კონცეფცია ხელის შეშლელი ფაქტორი გზების რეაბილიტაციის პროექტის ტენდერში თქვენი მონაწილეობისათვის?

Does design/build concept impede your participation in the road rehabilitation tender?

კი / yes

არა / no

თუ კი, გთხოვთ, განმარტოთ, კონკრეტულად რომელი ასპექტი: / In Yes, please specify which component:

მიიღებთ თუ არა გზების რეაბილიტაციის პროექტის ტენდერში მონაწილეობას, თუ ყველა პროექტი გაერთიანდა ერთ ლოტში ქ. ონის გზების რეაბილიტაციის პროექტის ჩათვლით?

Will you be participating in the road rehabilitation project tender in case all road projects are consolidated in one lot?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

მიმდინარე სპეციფიკაციის არსებობის გამო.

წარმოადგენს თუ არა ქ. ონის გზების რეაბილიტაციის პროექტი, მისი გეოგრაფიული მდებარეობის გამო, გამაბრკოლებელ ფაქტორს თქვენი ტენდერში მონაწილეობისათვის.

Does Oni internal road rehabilitation project, due to geographical location, impede your participation in the tender?

კი / yes

არა / no

დაგეხმარათ თუ არა დღევანდელი შეხვედრა თქვენი ტენდერში მონაწილეობისთვის გადაწყვეტილების მისაღებად.

Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

მისაღებია თუ არა თქვენი კომპანიისთვის, რომ USAID-ს შემდგომ ეტაპზე გაუზიაროთ თქვენი შთაბეჭდილება აღნიშნულშეწყობის პროცესთან დაკავშირებით?

Would your Company be comfortable with USAID contacting them to request their feedback and satisfaction with their experience with these procurements?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

ქვეყნის შიგნით

არის თუ არა დიზაინი-შენიშვნა (Design/Build) კონცეფცია ხელის შეშლელი ფაქტორი გზების რეაბილიტაციის პროექტის ტენდერში თქვენი მონაწილეობისათვის?
Does design/build concept impede your participation in the road rehabilitation tender?

კი / yes არა / no

თუ კი, გთხოვთ, განმარტოთ, კონკრეტულად რომელი ასპექტი: / In Yes, please specify which component:

მიიღებთ თუ არა გზების რეაბილიტაციის პროექტის ტენდერში მონაწილეობას, თუ ყველა პროექტი გაერთიანდა ერთ ლოტში ქ. ონის გზების რეაბილიტაციის პროექტის ჩათვლით?
Will you be participating in the road rehabilitation project tender in case all road projects are consolidated in one lot?

კი / yes არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

სერვისი ქონის ძველ ხუჩილ-ქუჩა რთხარაოქს 10.02.21
ქონდესში.

წარმოადგენს თუ არა ქ. ონის გზების რეაბილიტაციის პროექტი, მისი გეოგრაფიული მდებარეობის გამო, გამაზრკოლებელ ფაქტორს თქვენი ტენდერში მონაწილეობისათვის.
Does Oni internal road rehabilitation project, due to geographical location, impede your participation in the tender?

კი / yes არა / no

დაგეხმარათ თუ არა დღევანდელი შეხვედრა თქვენი ტენდერში მონაწილეობისთვის გადაწყვეტილების მისაღებად.
Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

კი / yes არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

მისაღებია თუ არა თქვენი კომპანიისთვის, რომ USAID-ს შემდგომ ეტაპზე გაუზიაროთ თქვენი შთაბეჭდილება აღნიშნულ შესყიდვების პროცესთან დაკავშირებით?
Would your Company be comfortable with USAID contacting then to request their feedback and satisfaction with their experience with these procurements?

კი / yes არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

ქვე "კომპანია მლოქ სი გრუპი"

არის თუ არა დიზაინი-შენებლობა (Design/Build) კონცეფცია ხელის შეშლელი ფაქტორი გზების რეაბილიტაციის პროექტის ტენდერში თქვენი მონაწილეობისათვის?
Does design/build concept impede your participation in the road rehabilitation tender?

კი / yes

არა / no

თუ კი, გთხოვთ, განმარტოთ, კონკრეტულად რომელი ასპექტი: / In Yes, please specify which component:

მიიღებთ თუ არა გზების რეაბილიტაციის პროექტის ტენდერში მონაწილეობას, თუ ყველა პროექტი გაერთიანდა ერთ ლოტში ქ. ონის გზების რეაბილიტაციის პროექტის ჩათვლით?
Will you be participating in the road rehabilitation project tender in case all road projects are consolidated in one lot?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

წარმოადგენს თუ არა ქ. ონის გზების რეაბილიტაციის პროექტი, მისი გეოგრაფიული მდებარეობის გამო, გამაბრკოლებელ ფაქტორს თქვენი ტენდერში მონაწილეობისათვის.
Does Oni internal road rehabilitation project, due to geographical location, impede your participation in the tender?

კი / yes

არა / no

დაგეხმარათ თუ არა დღევანდელი შეხვედრა თქვენი ტენდერში მონაწილეობისთვის გადაწყვეტილების მისაღებად.
Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

მისაღებია თუ არა თქვენი კომპანიისთვის, რომ USAID-ს შემდგომ ეტაპზე გაუზიაროთ თქვენი შთაბეჭდილება აღნიშნულნი შესყიდვების პროცესთან დაკავშირებით?
Would your Company be comfortable with USAID contacting them to request their feedback and satisfaction with their experience with these procurements?

Would your Company be comfortable with USAID contacting them to request their feedback and satisfaction with their experience with these procurements?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

HATKINSON LLC

არის თუ არა დიზაინი-შენებლობა (Design/Build) კონცეფცია ხელის შეშლელი ფაქტორი გზების რეაბილიტაციის პროექტის ტენდერში თქვენი მონაწილეობისათვის?

Does design/build concept impede your participation in the road rehabilitation tender?

კი / yes

არა / no

თუ კი, გთხოვთ, განმარტოთ, კონკრეტულად რომელი ასპექტი: / In Yes, please specify which component:

მიიღებთ თუ არა გზების რეაბილიტაციის პროექტის ტენდერში მონაწილეობას, თუ ყველა პროექტი გაერთიანდა ერთ ლოტში ქ. ონის გზების რეაბილიტაციის პროექტის ჩათვლით?

Will you be participating in the road rehabilitation project tender in case all road projects are consolidated in one lot?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

წარმოადგენს თუ არა ქ. ონის გზების რეაბილიტაციის პროექტი, მისი გეოგრაფიული მდებარეობის გამო, გამაბრკოლებელ ფაქტორს თქვენი ტენდერში მონაწილეობისათვის.

Does Oni internal road rehabilitation project, due to geographical location, impede your participation in the tender?

კი / yes

არა / no

დაგეხმარათ თუ არა დღევანდელი შეხვედრა თქვენი ტენდერში მონაწილეობისთვის გადაწყვეტილების მისაღებად.

Was today's event helpful to stimulate your positive decision for participation in the upcoming tender?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

მისაღებია თუ არა თქვენი კომპანიისთვის, რომ USAID-ს შემდგომ ეტაპზე გაუზიაროთ თქვენი შთაბეჭდილება აღნიშნულ შეწყვიდების პროცესთან დაკავშირებით?

Would your Company be comfortable with USAID contacting them to request their feedback and satisfaction with their experience with these procurements?

კი / yes

არა / no

თუ არა, გთხოვთ, დაასახელოთ მიზეზი: / In No, please explain the reason:

Eptisa