

USAID Construction Assessment Survey

INTRODUCTION

The USAID Construction Assessment details the amount and characteristics of USAID's construction portfolio, as well as the advisory and supervisory role of the Agency. The information collected may be used to improve USAID's technical oversight of construction awards.

The survey is being administered on behalf of USAID by NORC, a research center affiliated with the University of Chicago, and CH2MHILL, a global consulting and engineering firm. USAID will ensure that individual responses remain confidential and that the anonymity of respondents is preserved. Questions in this survey reflect awards that include construction activities that are in progress and those that have already been completed. You or an associate recently took part in a discovery process which listed all of the awards with construction components that were part of your mission portfolio. The following survey will ask you to describe the content of those awards and associated construction processes. Your answers are critical for the current survey and will help USAID improve its programs and impacts in host countries.

You may stop at any time and resume where you left off or skip to specific sections of the survey as needed.

If you have any questions or have trouble accessing the survey, please send an email to _____ so that we may assist you.

CONSENT

[START] Will you participate in this survey and complete the questions to the best of your knowledge??

- Yes
- No

Logic: If START = 'yes' skip to PROJNAME else ask REASON_REFUSAL

[REASON_REFUSAL] Can you please tell me the reason why you are choosing not to continue at this time?

[CONT_LEVEL] AWARD LEVEL

The following section covers general award information such as the phase the award is in, award type, and cooperative partner agreements (as applicable).

[GEN_AWARD_INFO] GENERAL AWARD INFORMATION

The following survey references award PROJNAME, award number AWARD_NO. When completing the survey please reference this award.

[PROJNAME_CONF] Is the award name correct?

- Yes
- No; please enter corrected award name: _____

[AWARD_NO_CONF] Is the award number correct?

- Yes
- No; please enter corrected award number: _____

[PROJ_PHASE] What phase is the USAID award in? (Check one only)

- Award/Mobilization
- In implementation
- Award ended

[CON_PHASE] What phases is the construction component of the award in? (Check one only)

- Award/Mobilization
- Under construction
- Construction closeout (punch list)

Completed

[COUNTRY_LOC1] In which country/countries is/was construction work being conducted? **[DROP DOWN LIST OF COUNTRIES FOR FOLLOWING 5 QUESTIONS]**

[COUNTRY_LOC2]

[COUNTRY_LOC3]

[COUNTRY_LOC4]

[COUNTRY_LOC5]

[COUNTRY_LOC_ADD]

[SPONSOROFF] Is the primary responsible managing party for this award a USAID Mission or a Washington operating unit?

- USAID Mission
- Washington Operating Unit
- Don't know
- Other Specify _____

LOGIC: If SPONSOROFF = ' USAID Mission' ask MISSIONOFF, if SPONSOROFF = ' WOU' ask WAUOFF, else skip to FRAMEWORK

[MISSIONOFF] Which USAID Mission is cognizant (the primary responsible managing entity) for the award? **(drop-down)**

- Angola
- Benin
- Botswana
- Burkina Faso
- Burundi
- Cote d' Ivoire
- Djibouti
- Democratic Republic of the Congo
- East Africa Regional
- Ethiopia
- Ghana
- Guinea and Sierra Leone
- Kenya
- Liberia
- Madagascar
- Malawi
- Mali
- Mozambique
- Namibia
- Niger
- Nigeria
- Rwanda
- Senegal
- South Africa
- Sudan
- South Sudan

- Tanzania
- Uganda
- West Africa Regional
- Zambia
- Zimbabwe
- Afghanistan
- Bangladesh
- Burma
- Cambodia
- Central Asian Republics Regional
- East Timor
- India
- Indonesia
- Kyrgyzstan
- Mongolia
- Nepal
- Pakistan
- Philippines
- Regional Development Mission-Asia
- Sri Lanka
- Vietnam
- Albania
- Armenia
- Azerbaijan
- Bosnia-Herzegovina
- Cyprus
- Georgia
- Hungary

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- Kosovo
- Macedonia
- Russia
- Serbia and Montenegro
- Ukraine, Moldova and Belarus
- Bolivia
- Brazil
- Caribbean Regional Program
- Central America Regional Program
- Colombia
- Dominican Republic
- Ecuador
- El Salvador
- Guatemala
- Guyana
- Haiti
- Honduras
- Jamaica
- Mexico
- Nicaragua
- Panama
- Paraguay
- Peru
- Barbados-Eastern Caribbean
- Egypt
- Iraq
- Jordan
- Lebanon

- Libya
- Morocco
- Tunisia
- West Bank/Gaza
- Yemen
- Southern Africa

[WAUOFF] Which Washington Operating Unit is cognizant (the primary responsible managing entity) for the award?

ADMINISTRATOR

- Office of the Administrator (A/AID)
- Bureau of Foreign Assistance
- Office of the Chief Operating Officer (A/AID/COO)
- Office of the General Counsel (A/GC)
- Ethics Administration (A/GC/EA)
- Office of Human Resources (HR)
- Office of Security (SEC)
- Executive Secretariat (A/ES)
- Office of Civil Rights and Diversity (OCRD)
- Office of the Inspector General (OIG)
- Office of Legislative and Public Affairs (LPA)
- Office of Small and Disadvantaged Business Utilization (OSDBU)
- Office of Innovation and Development Alliances (IDEA)
- Office of Faith-Based and Community Initiatives
- Office of Afghanistan and Pakistan Affairs (OAPA)
- Office of Science and Technology (OST)
- Office of Budget and Resource Management (BRM)

DEMOCRACY, CONFLICT & HUMANITARIAN ASSISTANCE BUREAU (DCHA)

- Office of Program, Policy, and Management (DCHA/PPM)
- Office of Civilian Response (DCHA/OCR)

Office of Conflict Management and Mitigation (DCHA/CMM)
Center of Excellence on Democracy, Human Rights and Governance (DCHA/DRG)
Office of Foreign Disaster Assistance (DCHA/OFDA)
Office of Food for Peace (DCHA/FFP)
Volunteers for Prosperity (external website)
Office of Civilian-Military Cooperation (DCHA/CMC)
Office of Transition Initiatives (DCHA/OTI)
Office of American Schools and Hospitals Abroad (DCHA/ASHA)
DCHA OHA - Rome

BUREAU FOR ECONOMIC GROWTH, EDUCATION & ENVIRONMENT (E3)

Office of Development Credit (E3/DC)
Office of Economic Policy (E3/EP)
Office of Education (E3/ED)
Office of Energy & Infrastructure (E3/EI)
Office of Forestry & Biodiversity (E3/FAB)
Office of Gender Equality & Women's Empowerment (E3/GEWE)
Office of Global Climate Change (E3/GCC)
Office of Land Tenure & Resources Management (E3/LTRM)
Office of Microenterprise & Private Enterprise Promotion (E3/MPEP)
Office of Planning, Learning & Coordination (E3/PLC)
Office of Professional Development & Management Services (E3/PDMS)
Office of Trade & Regulatory Reform (E3/TRR)
Office of Water

BUREAU FOR FOOD SECURITY (BFS)

Office of Markets, Partnerships and Innovation (MEPI)
Office of Strategic Planning and Performance Management (SPPM)
Office of Country Strategies and Implementation (CSI)
Office of Agricultural Research and Policy (ARP)

BUREAU FOR FOREIGN ASSISTANCE (FA)

BUREAU FOR GLOBAL HEALTH (GH)

Office of the Assistant Administrator (AA)
Office of Country Support (OCS)
Office of Health, Infectious Diseases, and Nutrition (HIDN)
Office of Health Systems (OHS)
Office of HIV/AIDS (OHA)
Office of Policy, Programs, and Planning (OPPP)
Office of Population and Reproductive Health (PRH)
Office of Professional Development and Management Support (PDMS)

BUREAU FOR MANAGEMENT (M)

Management Services (M/MS)
Overseas Management Support (M/OMS)
Office of the Chief Financial Officer (M/CFO)
Office of the Chief Information Officer (M/CIO)
Office of Acquisition and Assistance (M/OAA)
Office of Management Policy, Budget, and Performance (M/MPBP)

BUREAU FOR POLICY, PLANNING AND LEARNING (PPL)

Office of Policy
Office of Strategic & Program Planning
Office of Learning, Evaluation & Research
Office of Donor Engagement
PPL Overseas - Belgium
PPL Overseas - China
PPL Overseas - France
PPL Overseas - Japan
PPL Overseas - Switzerland

AFRICA BUREAU (AFR)

AA Front Office (AA)
Administrative Management Staff Office (AMS)
Development Planning Office (DP)

East Africa Affairs Office (EA)
Southern Africa Affairs Office (SA)
Sustainable Development Office (SD)
Sudan Programs Office (SP)
West Africa Affairs Office (WA)

LATIN AMERICA & THE CARIBBEAN BUREAU (LAC)

Strategy and Program Office
Office of Caribbean Affairs
Office of South American Affairs
Office of Regional Sustainable Development
Office of Central American and Mexico Affairs
Office of Cuban Affairs

ASIA BUREAU

Office of East Asian Affairs (EAA)
Office of South and Central Asian Affairs (SCAA)
Office of Strategic Planning and Operations (SPO)
Office of Administrative Management Services (AMS)

EUROPE & EURASIA BUREAU (E&E)

Office of Assistant Administrator (AA)
Management Office (MO)
Office of Democracy, Governance and Social Transition (DGST)
Office of Economic Growth (EG)
Program Office (PO)
Office of Eurasian Affairs (EA)
Office of European Country Affairs (ECA)

MIDDLE EAST BUREAU

Assistant Administrator (AA)
Office of Middle East Affairs (MEA)
Office of South and Central Asian Affairs (SCAA)

Office of Iraq Arabian and Peninsula Affairs (IAPA)
Office of Technical Services (TS)

[FRAMEWORK] What is the F Framework program area? Select all that apply.

- 1.1 Counter Terrorism
- 1.2 Combating WMD
- 1.3 Stabilization Operations and Defense Reform
- 1.4 Counter-narcotics
- 1.5 Transnational Crime
- 1.6 Conflict Mitigation and Response
- 2.1 Rule of Law and Human Rights
- 2.2 Good Governance
- 2.3 Political Competition and Consensus-Building
- 2.4 Civil Society
- 3.1 Health
- 3.2 Education
- 3.3 Social Services and Protection for Vulnerable Populations
- 4.1 Macroeconomic Foundation for Growth
- 4.2 Trade and Investment
- 4.3 Financial Sector
- 4.4 Infrastructure
- 4.5 Agriculture
- 4.6 Private Sector Competitiveness
- 4.7 Economic Opportunity
- 4.8 Environment
- 5.1 Protection, Assistance and Solutions
- 5.2 Disaster Readiness
- 5.3 Migration Management

Don't know

[ECD_NUM] Is there an Environmental Compliance Data base file number associated with this award?

- Yes; ECD number: _____
- No
- Don't know

LOGIC: If ECD_NUM = 'no' or 'don't know' ask ECDNUM_SPC else skip

[ECDNUM_SPC] Please specify the reason there is no ECD number is available: _____

[AWARD_MECH] What type of agreement was this award completed under?

- 1 Direct Contract
- 2 Grant (excluding PIO)
- 3 Public International Organization (PIO) Grant
- 4 Cooperative Agreement
- 5 Host Country Award
- 6 Government- to-Government Agreement
- 7 Fixed amount reimbursement agreement (FARA)
- 8 USG Interagency Agreement
- 9 Development Credit Authority Guarantees
- 10 Multi-donor Funds

LOGIC: If AWARD_MECH = USG Interagency Agreement skip to PRE_PREP

LOGIC: If AWARD_MECH = 'Direct Contract' ask GRNT_CNTRCT, else skip to CAP_BUILD

[GRNT_CNTRCT] Did this direct contract include sub-grants?

Yes

- No
- Don't know

[CAP_BUILD_AWARD] CAPACITY ASSESSMENT

The next section deals with capacity assessment activities undertaken with the implementer of the construction activities. This may be the prime contractor of the award or the government in charge of the award (in cases of government-to-government agreements). Later we will ask you about the capabilities of the owner & operator of the constructed facility/facilities to manage the output. For now though, please focus on capabilities related to constructing the facility.

[IMPLM_ASSESS] Prior to receiving USAID financing, was the implementing partner's capacity and experience in carrying out construction activities assessed?

- Yes
- No
- Don't know

LOGIC: if IMPLM_ASSESS = 'no' or 'dk' skip to ENAB_ENV_SUPPORT, else ask ASSESS_WHO

[ASSESS_WHO] Who carried out the capacity assessment? Check all that apply.

- USAID
- Awardee self-assessment
- Other USG Specify _____
- Other donor Specify _____
- Host Country Government
- Other Specify _____

[ASSESS_PROC] What process(es) were used to assess the capacity of the implementing partner (select all that apply)

- Public Financial Management Risk Assessment Framework (PFMRAF) Stage 2 Risk Assessment under ADS 220 **[LOGIC: Show only if AWARD_MECH = FARA, Host Country Award, Government- to-Government Agreement]**
- "Assurance" under ADS 317 **[LOGIC: Show only if AWARD_MECH = FARA, Host Country Award, Government- to-Government Agreement]**

- "Certification" under ADS 301/305 [**LOGIC: Show only if AWARD_MECH = FARA, Host Country Award, Government- to-Government Agreement**]
- Technical capacity analysis in project design under ADS 201 [**LOGIC: Show for all**]
- Pre-award Survey [**LOGIC: Show for all**]
- Technical evaluation in competition process [**LOGIC: Show for Direct contract, Grant, cooperative agreement, Multi-donor funds**]
- Responsibility determination [**LOGIC: Show for Direct contract, Grant, Public International Organization (PIO) Grant, cooperative agreement, Multi-donor funds**]
- Don't know
- Other specify_____

[ASSESS_OUTCOME] What was the outcome of the assessment?

- Implementing partner had appropriate capacity
- Implementing partner did not have appropriate capacity and needed support
- Don't know

[ENAB_ENV_SUPPORT] Has the implementing partner received any type of support related to the construction activities in the award?

- Yes
- No
- Don't know

LOGIC: If ENAB_ENV_SUPPORT = 'No' or DK, skip to OM

[ENAB_ENV_TYPE] What types of support were provided? (Select all that apply.)

- Sector regulatory reform
- Building code reform
- Strengthening internal operations (financial systems, personnel systems, business management)
- Tariff development/reform
- Construction trades training
- Operations & maintenance training
- Environmental procedures

- Regulatory authorities
- Monitoring and evaluation
- Other (Specify): _____

[CAP_BUILD] Other than “capacity building” in the form of training, did the implementing partner receive any other type of capacity building (for the construction component of the award)?

- Yes; type(s) of capacity building provided: _____
- No
- Don't know

[OM] OPERATIONS AND MAINTENANCE

The following section deals with operations and maintenance (O&M) funding for the construction components of the award and deal with the owner and operator of the final output.

[OMFUND_AVAIL] Was availability of operations and maintenance (O&M) funding assessed?

- Yes, by USAID staff
- Yes, by USAID awardee
- Yes, by others specify ____
- No
- Don't know

Logic: If OMFUND_AVAIL = 'No' or 'DK' skip to OMFUND_CON

[OM_OUTCOME] What was the outcome of the O&M funding assessment?

- O&M funds will not be available
- Some O&M funds will be available,
- All estimated O&M funds will be available
- Don't know

[OMFUND_CON] What source(s) will provide continued operations and maintenance (O&M) funding? Check all that apply

- Host government commitment (historical budget allocation)
- Host government commitment (new budget allocations)
- Local Community
- Tariff system/user fees [viable, provides adequate O&M funds]
- Tariff system/user fees [unviable, does not provide adequate O&M funds]
- Maintenance fund
- USAID Funding
- Public international organization or other donor funding
- Not determined
- Don't know
- Other Please specify _____

Logic: If OM_OUTCOME = 'All estimated O&M funds will be available', skip to CERT_USE; else, go to OM_CONTIN

[OM_CONTIN] Are there additional requirements upon which adequate O&M funding is contingent? Select all that apply.

- Capacity building
- New laws
- Increased Number of users
- Better collection of tariffs and user fees
- Community organization/support
- Increased User Fees
- Other Specify _____
- None
- Don't know

[CERT_USE] Was a 611 (e) certification of the end-users ability to use and maintain the infrastructure made and considered prior to financing?

- Yes

- No
- Don't know

[PRE_PREP] PRE-AWARD PREPARATION

The following section covers pre-award preparation and documentation

[GENDER] Was gender analysis included as part of the planning and design process of the construction component?

- Yes
- No
- Don't know

[RISK_REG] Did USAID develop a means to identify and track potential issues and risks (i.e. risk register)?

- Yes
- No
- Don't know

[GOV_CONSULT] Was the host country government consulted in the design of the infrastructure component before the overall construction activity was approved?

- Yes
- No
- Don't know

Logic: If GOV_CONSULT = 'No' or 'DK' skip to STKH_CONSULT

[GOV_CONSULT_WHO] Which government entities were consulted in the design of the infrastructure? Select all that apply.

- Central government authorities/Ministry officials
- Regional officials

- Local officials
- Other (Specify): _____

[STKH_CONSULT] Were non-governmental stakeholders consulted in the design of the infrastructure component before the overall construction activity was approved?

- Yes
- No
- Don't know

Logic: If STKH_CONSULT = 'No' or 'DK' skip to SITE_APPRV

[STKH_CONSULT_WHO] Which non-governmental stakeholders were consulted in the design of the infrastructure? Select all that apply.

- NGOs/CSOs
- User/business associations
- Community groups
- Other (Specify): _____

Logic: If AWARD_MECH = Host Country Award skip to CONT_DES

Logic: If AWARD_MECH = Government-to-Government Agreement skip to DES_STD_AWARD

Logic: If AWARD_MECH = FARA skip to DES_STD_AWARD

[SITE_APPRV] Did USAID receive formal approval for the construction activity site from the government?

- Yes
- No
- Don't know

LOGIC: If SITE_APPRV = 'No' or 'DK' skip to SECINFRA

[SITE_APPRV_WHO] Which government entities gave formal approval for the construction activity site? (Select all that apply.)

- Central government authorities/Ministry officials
- Regional officials
- Local officials
- Other (Specify): _____

[SECINFRA] Was the construction activity dependent on other infrastructure projects not funded by USAID?

- Yes
- No
- Don't know

[CRB_REV] Was the solicitation reviewed by the Contract Review Board (CRB)?

- Yes
- No
- Don't know

[USG_TECH] Were USG officials outside of the implementing mission/bureau involved in directing technical aspects of the construction planning and implementation (e.g. timing, siting, materials used, design specifications, etc.).

- Yes
- No
- DK

LOGIC: If USG_TECH = 'yes' ask TECH_WHO else skip to AWARD_STD

[TECH_WHO] Which USG officials were involved? (Select all that apply)

- USAID/Washington
- Other country team

- State Department/Washington
- Congress
- Department of Defense
- Other specify
- Don't know

[CONT_DES] AWARD DESIGN

[AWARD_STD] Does the USAID award agreement include or require the awardee to use a standard form of construction award, e.g. FIDIC, or FIDIC based, American Institutes of Architects, American General Awards Association, etc.?

- Yes
- No
- Don't know

LOGIC: If AWARD_STD = 'No' or 'DK' skip to DLP

[AWARD_TYPE] What was the standard form of award used?

- FAR based only
- FIDIC-based
- American Institutes of Architects-based
- American General Awards Association-based
- Other (Specify): _____

LOGIC: If AWARD_MECH = Direct Contract ask FAR16 else skip to DLP

[FAR16] Was the award agreement designed using FAR 16?

- Yes

- No
- Don't know

LOGIC: if FAR16 = 'No' or 'DK' skip to CONTRCT_SUP

[FAR16_TYPE] What type of FAR Part 16 award was used?

- Firm-Fixed-Price
- Fixed-Price with economic price adjustment
- Fixed-Price with prospective price redetermination
- Fixed-Ceiling-Price with retroactive price redetermination
- Firm-fixed-price, level of effort
- Fixed-price incentive
- Cost-sharing
- Cost-plus incentive fee
- Cost-plus award fee
- Cost-plus fixed fee
- Indefinite Delivery/Indefinite Quantity
- Time-and-Materials/Labor Hour
- Letter Award
- Basic Agreement
- Don't know

[CONTRCT_SUP] Did the award include both construction and non-construction activities?

- Yes
- No
- Don't know

LOGIC: if CONTRCT_SUP = 'No' or 'DK' skip to DLP

[CON_NONCON] Was the award predominantly for construction or non-construction activities?

- Predominantly construction
- Predominantly non-construction
- Don't know

[CON_DIVIDE] Was the award divided into construction and non-construction parts?

- Yes
- No
- Don't know

LOGIC: if CON_DIVIDE = 'yes' ask FAR36_523 else skip to FAR36_MATRIX

[FAR36_523] Did the construction part of the award include construction clauses as specified in FAR Subpart 36.5 and the FAR Matrix at 52.3?

- Yes
- No
- Don't know

LOGIC: if CON_NONCON = 'Predominantly construction' ask FAR36_MATRIX else skip to DLP

[FAR36_MATRIX] Did the award include construction clauses as specified in FAR Subpart 36.5 and the FAR Matrix at 52.3?

- Yes
- No
- Don't know

[FAR36_53] Did the award use the forms specified in FAR Subparts 36.7 and 53.2?

- Yes

- No
- Don't know

[DLP] Does the award include a defects liability period (DLP) or defects notification period (DNP)?

- Yes; enter length of the DLP in days: _____
- Yes; enter length of the DNP in days: _____
- No
- Don't know

[DES_STD_AWARD] What design standards were used in the award? (Check all that apply.)

- International Building Code (IBC)
- Uniform Building Code
- Local Codes
- AASHTO: American Association of State and Highway Transportation Officials
- International Code Council
- ASCE: American Society of Civil Engineers
- ANSI: American National Standards Institute
- OSHA: Occupational Safety And Health Administration
- Other (specify): _____

[HAZARD_MATL] Does the award agreement include specifications or award clauses addressing the use of safe, nonhazardous building materials? (For example, no asbestos containing materials, no lead-based paint, formaldehyde-free materials, etc.)

- Yes
- No; Explain: _____
- Don't know

LOGIC: If HAZARD_MATL = 'no' or 'dk' skip to SEIS_DES, else ask HAZARD_MATL_BS

[HAZARD_MATL_BS] What standards were used specifying the use of safe, nonhazardous building materials? (Select all that apply).

- US Standards
- Local Standards
- International Standards
- Don't know
- Other Specify _____

[SEIS_DES] Was/Is seismic design included in the design?

- Yes
- No
- Don't know

LOGIC: If SEIS_DES = 'No' or 'DK' skip to HUR_DES, else ask SEIS_DES_STD

[SEIS_DES_STD] What standard were/are used for seismic design? Select all that apply.

- Regulations for Seismic Design: A World List, 1996
- Regulations for Seismic Design: Supplement, 2000
- Regulations for Seismic Design: A World List, 2004
- Practice of Earthquake Hazard Assessment
- International Handbook of Earthquake Engineering
- Seismic Design for Buildings
- Uniform Building Code, 1997
- International Building Code, 2003
- Other (specify): _____
- Don't know

[SEIS_CAT] What magnitude seismic design category (International Building Code (IBC) 2000) or Uniform Building Code (UBC) Zone, ground acceleration, etc. was/is used as the basis of the engineering design?

- Design category (specific units) _____
- Don't know

[HUR_DES] Were/Are hurricanes/typhoons a consideration in the design?

- Yes
- No
- Don't know

[FLOOD_DES] Was the potential for flooding taken into consideration during project design?

- Yes
- No
- Don't know

[WIND_STD] What standards were/are used for wind design?

- IBC: International Building Code
- UBC: Uniform Building Code
- Local building codes
- Other (specify): _____
- None
- Don't know

[COST_EST] COST ESTIMATE

The following section captures information on pre-award cost estimates and scoping estimates.

[GOV_EST] Was an independent USAID cost estimate of construction activities developed?

- Yes
- No
- Don't know

LOGIC: If GOV_EST = 'No' or 'DK' skip to GOV_SCHED else ask EST_PREP

[EST_PREP] Who prepared the USAID cost estimate?

- USAID Direct Hire (non-engineer)
- USAID Direct Hire (engineer)
- USAID Direct Hire (professional licensed engineer)licensed
- FSN (non-engineer)
- FSN (engineer)
- FSN (professional licensed engineer)
- PSC (non-engineer)
- PSC (engineer)
- PSC (professional qualified engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Host country government engineer
- Other USG Agency (e.g. Army Corps of Engineers)
- Other (specify): _____
- Don't know

LOGIC: Please provide options as drop down menu.

[EST_BASIS] What was the basis of the USAID cost estimate?

- Parametric models (i.e. cost square footage, cost per km, cost per cubic meter of water per day etc).
- Capacity standard (cost/student, cost/hospital bed, etc).
- Judgment estimate

- Budget authorization/control (Unit Cost Estimate based upon incomplete / limited design)
- Control/Bid and Tender (Detailed Unit Cost Estimate based upon complete design).

LOGIC: Please provide options as drop down menu.

[COST_REV] Who reviewed the USAID cost estimate?

- USAID Direct Hire (non-engineer)
- USAID Direct Hire (engineer)
- USAID Direct Hire (professional licensed engineer)
- FSN (non-engineer)
- FSN (engineer)
- FSN (professional licensed engineer)
- PSC (non-engineer)
- PSC (engineer)
- PSC (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Host country government engineer
- Other USG Agency (e.g. Army Corps of Engineers)
- Other (specify): _____
- Don't know
- Was not reviewed

[COR_APP] Did the COR/AOR review and approve the USAID cost estimate?

- Yes
- No
- Don't know

[GOV_SCHED] Was an acquisition plan developed for this award?

- Yes
- No
- Don't know

LOGIC: If GOV_SCHED = 'yes' ask EST_SCHED_PREP; else skip to USG_INC

[EST_SCHED_PREP] Who developed the acquisition plan?

- USAID Direct Hire (non-engineer)
- USAID Direct Hire (engineer)
- USAID Direct Hire (professional licensed engineer)
- FSN (non-engineer)
- FSN (engineer)
- FSN (professional licensed engineer)
- PSC (non-engineer)
- PSC (engineer)
- PSC (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Host country government engineer
- Other USG Agency (e.g. Army Corps of Engineers)
- Other (specify): _____
- Don't know

LOGIC: If AWARD_MECH = 'Direct Contract' go to USG_INC; else, skip to COST_BEN_ANALY

[USG_INC] Was value engineering a part of the award as described in FAR 48?

- Yes; Describe _____
- No
- Don't know

[COST_BEN_ANALY] Did the award include cost benefit analysis and/or economic analysis of the proposed construction investment during the design phase?

- Yes, cost benefit analysis only
- Yes, economic analysis only
- Yes, both cost benefit analysis and economic analysis
- No
- Don't know

LOGIC: If COST_BEN_ANALY = 'Yes, economic analysis only' or 'Yes, both cost benefit analysis and economic analysis' go to RETURN_RATE; if COST_BEN_ANALY = 'Yes, cost benefit analysis only' skip to BUILD_COST; If COST_BEN_ANALY = 'No' or 'DK', skip to PRIME_COMP

[RETURN_RATE] What was the economic internal rate of return (EIRR) of the proposed construction investment?

_____ (%)
 Don't know

[BUILD_COST] Did cost benefit analysis/economic analysis consider long term sustainability and operations and maintenance cost versus initial material costs?

- Yes
- No
- Don't know

LOGIC: If AWARD_MECH = 'Government-to-Government' skip to BUDGET_INFO

LOGIC: If AWARD_MECH = 'FARA' skip to BUDGET_INFO

[PRIME_COMP] Which of the following options would best characterize the award competition?

- Full and open competition
- Qualifications-based short list
- Limited competition

- Sole source
- Government-to-government/FARA/donor-to-donor
- Don't know

LOGIC: If AWARD_MECH = 'Direct Contract', 'Grant (excluding PIO)', 'PIO', 'Cooperative Agreement', or 'Multi-donor Funds' go to PRIME_STAT; else, skip to BONDING

[PRIME_STAT] Which of the following best characterizes the awardee?

- International Construction/Engineering Firm
- International Firm (not primarily construction focused)
- International NGO/PVO
- Other international organization (specify)_____
- Local Construction/Engineering Firm
- Local form (not primarily construction focused)
- Local NGO
- Other Local organization (specify)_____

LOGIC: If AWARD_MECH = 'Direct Contract', ask FINSTAT; else, skip to BONDING

[FINSTAT] As part of the solicitation process, was the direct contract awardee required to submit financial statements as part of the procurement process?

- Yes
- No
- Don't know

[BONDING] Was a construction surety bond or other assurance required by the award?

- Yes
- No
- Don't know

[BUDGET_INFO] BUDGET INFORMATION

The following section captures information on the award budget and post-award modifications/modifications. Please note that we will ask you about both the award write-large as well as the construction components of the overall award. Please answer appropriately for each question.

[CONT_START] What was the start date of the award?

_____ (MM/YYYY)

[CONT_END_PLAN] What was the planned end date of the award?

_____ (MM/YYYY)

[TOTAL_BUDGET_PLAN] What was the original award budget for all activities (including non-construction activities)?

_____ (USD)

[CONSTRUCT_BUDGET_PLAN] Within the original award budget above, please provide an estimate of the amount specified for construction.

_____ (USD)

Logic: CONSTRUCT_BUDGET_PLAN must be equal to or less than TOTAL_BUDGET

[AWARD_AMD] Was the construction component of the award modified?

- Yes
- No
- Don't know

LOGIC: If AWARD_AMD = 'No' or 'DK', skip to CO/AO

[LIC_APP] Who was primarily involved in approving award modifications (other than the CO/COR)?

- USAID Direct Hire (non-engineer)
- USAID Direct Hire (engineer)
- USAID Direct Hire (professional licensed engineer)
- FSN (non-engineer)
- FSN (engineer)
- FSN (professional licensed engineer)
- PSC (non-engineer)
- PSC (engineer)
- PSC (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Host country government engineer
- Other USG Agency (e.g. Army Corps of Engineers)
- Other (specify): _____
- Don't know

[MOD_NO] How many award modifications for the construction component were issued?

_____ (No. award modifications)

[MOD1_DES] For the 1st modification please tell us if the modification covered any of the following reasons?

- Increase in quantity delivered/requested
- Decrease in quantity delivered/requested
- Increase in capacity delivered/requested
- Decrease in capacity delivered/requested
- Schedule extended
- Schedule shortened
- Rework needed

- Sustainability - anything to improve the longevity of the facilities constructed (improve design standards, functionality, improved future O&M funding, resilience to natural hazards)
- Compliance to meet Health & safety requirements
- Compliance to meet environmental requirements
- Compliance to meet disability access requirements (local or international)
- Other Requirements
- Other, Specify _____
- Don't know

[MOD1_VALUE] What was the value of the modification (USD)?

Amount _____

LOGIC: Loop MOD1_DES and MOD1_VALUE for each iteration identified in MOD_NO

[CONT_END_AMD] What is the current completion date of the award?

_____ (MM/YYYY)

[CONT_END_REASON] Which of these external factors below contributed to the award end date being modified? (Select all that apply.)

- Natural Disasters
- Weather-related delays
- Materials shortages
- Permits
- Skilled labor shortages
- Fuel shortages
- Elections
- Political unrest/demonstrations
- Labor unrest/strikes
- Local insurgency

- Other security concerns
- Reduced donor financing
- USAID specific requirements
- Other USG requirements
- Other (specify): _____
- No factors external to the award contributed to the award end date being modified

[AMEND_FIN_BUDG] What was the revised award amount after modifications?

_____ (USD)

- Do not know

[FIN_CONST_AMT] What was the revised amount budgeted within the award for construction activities after modifications?

_____ (USD)

- Do not know

[FIN_CONST_REASON] Which of these external factors below contributed to the amount budgeted within the award for construction activities being modified? (Select all that apply.)

- Natural Disasters
- Permits
- General price inflation
- Building materials cost increases
- Skilled labor wage increases
- Fuel cost increases
- Weather-related delays
- Elections
- Political unrest/demonstrations
- Labor unrest/strikes
- Local insurgency
- Other security concerns

- Reduced donor financing
- USAID specific requirements
- Other USG requirements
- Other (specify): _____
- No factors external to the award contributed to the amount budgeted within the award for construction activities being modified

LOGIC: If AWARD_MECH = 'Direct Contract', 'Grant (excluding PIO)', 'PIO Grant', 'FARA', 'Government-to-government', 'Host Country Award', 'Multi-donor Funds' go to CLAIMS; else, skip to CO_AO

[CLAIMS] Have there been/were there claims by the contractor that were paid?

- Yes
- No
- Don't Know

LOGIC: If CLAIMS = 'No' or 'DK', skip to CLAIMPEND; else, go to CLAIMNO1

[CLAIMNO1] Please tell us the total number of claims.

Total Number _____

[CLAIMAMT1] Please tell us the total amount.

_____ (USD)

[CLAIMPEND] Are there any pending Contractor claims?

- Yes
- No
- Don't Know

LOGIC: If CLAIMPEND = 'No' or 'DK', skip to CO_AO; else, go to CLAIMNO2

[CLAIMNO2] Please tell us the total number of pending claims.

Total Number _____

[CLAIMAMT2] Please tell us the total amount.

_____ (USD)

[CO_AO] CO/AO

The next section asks for details on the current (for projects in progress) or most recent (for completed projects) Awarding/Assistance Officer supervising the award.

[CO_NO] Over the life of the award to date, how many Awarding Officers (CO)/Assistance Officers (AO) administered the award?

_____ (Number of COs/AOs)

None, eg in the case of G2G agreements

LOGIC: If CO_NO = 'none' skip to COR_AOR

[CO_SUP_PER_START] What was the start date of the period during which the current/most recent CO/AO has been administering the award?

_____ (MM/YYYY)

[CO_SUP_PER_END] What was the end date of the period during which the current/most recent CO/AO has been administering the award?

_____ (MM/YYYY)

The CO's tenure is ongoing

[CO_SITEVISIT] Throughout the construction period, on average, how many times annually did the current/most recent CO/AO visit construction sites associated with the award?

_____ (Average number of site visits annually)

- Don't know

[CO_CERT] Did the current/most recent CO/AO receive training in construction awards and/or A&E awarding?

- Yes, construction only
- Yes, A&E only
- Yes, both A&E and construction
- No
- Don't know

[CO_PROC_ORD] Is/was the current/most recent CO/AO familiar with processing construction change orders prior to this award?

- Yes, under general form of awards
- Yes, under construction form of award – other than FIDIC-based
- Yes, under FIDIC-based construction award
- No
- Don't know

[CO_PRIOR_EXP] Prior to the award, how many years of USG or other construction awarding experience did the current/most recent CO/AO have?

- Less than 2 years
- 2-5 years
- More than 5 years
- Don't know

[CO_SUP_PRIOR] Not including this award, how many prior construction awards had the current/most recent CO/AO administered?

- None
- 1-3
- 4-5

- 6-10
- More than 10
- Don't know

[CO_FIDIC_SUP] Did the current/most recent CO/AO have previous experience managing FIDIC awards?

- Yes
- No
- Don't know

[COR_AOR] COR/AOR

The next section asks for details on the current (for projects in progress) or most recent (for completed projects) Awarding Officer Representative/Agreement Officer Representative on the award.

[COR_NO] Over the life of the award to date how many Awarding Officer Representatives (COR) / Agreement Officer Representatives (AOR) or equivalent for other award types administered the award?

- _____ (Number of COR/AOR)
- None

[COR_SUP_PER_START] What was the start date of the period during which the current/most recent COR/AOR has been administering the award?

_____ (MM/YYYY)

[COR_SUP_PER_END] What was the end date of the period during which the current/most recent COR/AOR has been administering the award?

_____ (MM/YYYY)

[COR_SITEVISIT] Throughout the construction period, on average, how many times annually did the current/most recent COR/AOR visit construction sites associated with the award?

_____ (Average number of site visits annually)

- Don't know

[COR_CERT] Did the current/most recent COR/AOR receive training in construction awards and/or A&E awarding?

- Yes, construction only
- Yes, A&E only
- Yes, both A&E and construction
- No
- Don't know

[COR_PROC_ORD] Was current/most recent COR/AOR familiar with processing construction change orders and administering construction claims?

- Yes, under general form of awards
- Yes, under construction form of award – other than FIDIC-based
- Yes, under FIDIC-based construction award
- No
- Don't know

[COR_SUP_PRIOR] Not including this award, how many prior construction awards had the current/most recent COR/AOR been delegated?

- None
- 1-3
- 4-5
- 6-10
- More than 10
- Don't know

[COR_FIDIC_TRAIN] Did the current/most recent COR/AOR receive FIDIC training or have previous experience managing a FIDIC award?

- Yes

- No
- Don't know

[COR_LIC_ENG] Is/was the current/most recent COR/AOR a professional licensed engineer?

- Yes, US licensed
- Yes, Host Country licensed
- Yes, internationally licensed
- No
- Don't know

[COR_MGMT_CERT] Does/did the current/most recent COR/AOR have any of the following certifications (select all that apply):

- PMP (Project Management Professional)
- CCM (Certified Construction Manager)
- CCC (Certified Cost Consultant)
- CCE (Certified Cost Engineer)
- Other equivalent certification _____
- None
- Don't know

[RELATION_US_PRIME] USAID-PRIME RELATIONSHIP

The following section collects information on the post-award documentation submitted for this award as well as the USAID and Awardee relationship.

[CONST_DOC] Which of the following were provided to the awardee prior to initiation of construction? (Select all that apply)

- Design drawings
- IEE (Initial Environmental Evaluation)
- Geo-Technical Reports
- CBA (Cost benefit Analysis)

- Environmental Assessment
- Site topographic surveys
- Schedule
- Terms and conditions
- None
- Don't know

LOGIC: If CONST_DOC = 'none' skip to PROJAUDIT

[DOC_PRVD] Who provided these documents to the Awardee or contractor?

- USAID
- Host country government
- Other specify_____

[DOC_WHEN] When were these documents given to the Awardee or contractor?

- Tendering Process
- Prior to notice to proceed
- After notice to proceed
- Other specify_____
- Don't know

[PROJAUDIT] Is/Was a USAID performance evaluation of the construction components performed during the life of the award?

- Yes; mid-term evaluation
- Yes; final evaluation
- No
- Don't know

[STKRCH] Did the award have a stakeholder engagement plan developed for the construction components?

- Yes
- No
- Don't know

[REP_FREQ_CO_COR] How often is/was a progress report required to the CO/AO or COR/AOR, or equivalent?

- Weekly
- Monthly
- Quarterly
- Other, Specify _____
- Don't know/Not applicable

[REP_FREQ_SUP_ENG] How often is/was a progress report required to the Supervising Engineer (USAID or awarded)?

- Weekly
- Monthly
- Quarterly
- Other, Specify _____
- Don't know/Not applicable

[PROG_REP] When reporting for the infrastructure component to USAID or the supervising engineer, what is included in progress reporting? Select all that apply.

- Daily site reports
- Financial status (actual work done and its actual cost)
- Schedule status (actual work completed versus planned work)
- Health and safety record
- Non-compliance with award
- Potential delays and cost changes
- Claims status
- Issues for Engineer determination
- Design issues and unforeseen conditions

- QA/QC procedures
- Forward reporting period work plan
- Environmental management and monitoring
- Other (specify): _____
- Don't know

[SAFETY_ENV] SAFETY AND ENVIRONMENTAL INCIDENTS

LOGIC: If PROJ_PHASE = 'Award/Mobilization', skip to END

The next section asks for information on safety and environmental incidents that may have taken place during construction associated with this award

[HS_REP] Is the awardee required to report to USAID and/or the supervising engineer, any health and safety incidents (defined as any death or injury that causes any of the following: days away from work, restricted work or transfer to another job, medical treatment beyond first aid, or loss of consciousness or if it involves a significant injury or illness diagnosed by a physician or other licensed health care professional, even if it does not result in days away from work, restricted work or job transfer, medical treatment beyond first aid, or loss of consciousness.)

- Yes
- No
- Don't know

Logic: If HS_REP = 'No' or 'DK', skip to ENV_REP

[NUM_INCI] How many incidents of death or injury were reported during the life of the award?

_____ (Number of incidents where death or injuries were reported)

Logic: For each NUM_INCI (up to 10) ask INCI_DES, NUM_INJUR and NUM_DEATH

[INCI_DES] Please describe the incident, and the severity of injuries.

[NUM_INJUR] Number of injuries
_____ (Number of injuries that occurred as a result of the incident)

[NUM_DEATH] Number of deaths
_____ (Number of deaths that occurred as a result of the incident)

[ENV_REP] Is the awardee required to report to USAID environmental incidents/impacts (any unplanned change to the environment caused in whole or in part by the infrastructure component as otherwise defined in the award environmental mitigation and monitoring plan)?

- Yes
- No
- Don't know

Logic: If ENV_REP = 'yes' ask NUM_ENV_INC else skip to ENG_OVER_AWARD

[NUM_ENV_INC] How many environmental incidents were reported during the life of the award?
_____ (Number of environmental incidents)

Logic: For each NUM_ENV_INC ask ENV_INC_DES

[ENV_INC_DES] Please describe the incident

[ENG_OVER_AWARD] ENGINEERING OVERSIGHT

The following section collects information on engineering oversight

[ENG_APPROV] Prior to construction, what documents was the awardee required to provide to USAID or Supervising Engineer for approval? (Check all that apply.)

- Detailed Work Program with implementation schedule
- Health and Safety Plan
- Quality Assurance/Quality Control Plan
- Site-Specific Environmental Management Plan
- Methods and Materials Statement/Shop drawing
- Staffing Plan
- Other (specify): _____
- None

[DES_OVER] Was there a supervising engineer for the engineering design process?

- 1 Yes, USAID
- 2 Yes, Other organization
- 0 No
- 1 Don't know

LOGIC: If DES_OVER = 'No' or 'DK' skip to SITE_INSPCT

LOGIC: If DES_OVER = 'Yes USAID' ask ENG_OVER

LOGIC: If DES_OVER = 'Yes Other organization' ask ENG_OVER2

[ENG_OVER] Who provided the engineering design oversight? Note: A licensed professional engineer is an engineer with an internationally recognized credential such as US professional engineer, UK chartered engineer, or other rigorous national accreditation.

- 1 USAID Direct Hire (non-engineer)

- 2 USAID Direct Hire (engineer)
- 3 USAID Direct Hire (professional licensed engineer)
- 4 FSN (non-engineer)
- 5 FSN (engineer)
- 6 FSN (professional licensed engineer)
- 7 PSC (non-engineer)
- 8 PSC (engineer)
- 9 PSC (professional licensed engineer)
- 10 A&E firm (US)
- 11 A&E firm (Host Country)
- 12 A&E firm (Third Country National)
- 13 Host country government engineer
- 14 Other USG Agency (e.g. Army Corps of Engineers)
- 15 Other (specify): _____
- 96 Don't know

LOGIC: Options should be provided as drop-down menu.

[ENG_OVER2] Who provided the engineering design oversight?

- US or international staff/consultant (non-engineer)
- US or international staff/consultant (engineer)
- US or international staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (non-engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)

LOGIC: Options should be provided as drop-down menu.

[SUP_CON] Was the supervising engineer on staff prior to construction award execution?

- Yes
- No
- Don't know

LOGIC: If ENG_APPROV = 'None', skip to SITE_INSPCT

[SUP_REV] Did the supervising engineer review design documents prior to construction award execution?

- Yes
- No
- Don't know

[SITE_INSPCT] Were construction site inspections conducted?

- Yes, USAID
- Yes, Other organization
- No
- Don't know

LOGIC: If SITE_INSPCT = 'Yes USAID' ask CON_OVER

LOGIC: If SITE_INSPCT = 'Yes Other organization' ask CON_OVER2

LOGIC: If SITE_INSPCT = 'No' or 'DK' skip to MATL_TEST

[CON_OVER] Who is/was the main provider of construction site inspections? Note: A licensed professional engineer is an engineer with an internationally recognized credential such as US professional engineer, UK chartered engineer, or other rigorous national accreditation.

- USAID Direct Hire (non-engineer)
- USAID Direct Hire (engineer)
- USAID Direct Hire (professional licensed engineer)

- FSN (non-engineer)
- FSN (engineer)
- FSN (professional licensed engineer)
- PSC (non-engineer)
- PSC (engineer)
- PSC (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Host country government engineer
- Other USG Agency (e.g. Army Corps of Engineers)
- Other (specify): _____
- Don't know

LOGIC: If SITE_INSPCT = 'Yes USAID', skip to INSPCT_NUM

LOGIC: Options should be provided as drop-down menu.

[CON_OVER2] Who is/was the main provider of construction site inspections?

- US or international staff/consultant (non-engineer)
- US or international staff/consultant (engineer)
- US or international staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (non-engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Other (specify): _____
- Don't know

LOGIC: Options should be provided as drop-down menu.

[INSPCT_NUM] Throughout the construction period, on average, how often did the site inspector visit construction sites associated with the award?

- Daily
- Weekly
- Bi-weekly
- Monthly
- Quarterly
- Don't know

[MATL_TEST] Which of the following describes the construction material testing associated with this construction activity? Examples of material testing include: concrete strength testing, rebar tensile testing, geotechnical foundation and material tests.

- Award requirement, the awardee provided material submittals and USAID confirms engineering oversight
- USAID confirms that the awardee conducted testing, but no award requirements and no engineering oversight
- USAID cannot confirm any testing was completed
- Other; please describe: _____
- Don't know/cannot answer; please explain: _____

[CLOSEOUT] CLOSEOUT

The following section asks about closeout activities on this award. When answering please focus on the construction aspects of the award only.

LOGIC: Ask CLOSEOUT only if PROJ_PHASE = 'Award ended'

[CLOSEOUT_ACT] What construction closeout completion activities were completed or are planned (Select all that apply)?

- Develop a project commissioning plan and checklist (i.e. equipment inspections and start-up test plan)
- Conduct and monitor project commissioning and start-up
- Receive project operations manual
- Receive all equipment warranties and operation manuals

- Receive and approve all as-built drawings
- Conducted detailed turn-over inspection/final inspection and punch-list
- Receive Certificate of project warranty
- Receive Certificate of final release of liens and indemnity
- Provide Official Project Acceptance Letter
- Other specify _____
- Don't know

[PROJ_FOLLOW] What follow-up activities were conducted in association with the construction portion of the award? Select all that apply.

- Warranty period inspection by USAID
- Follow up review by implementer
- Verification of the facility use by beneficiaries
- Verification of appropriate operational practices and procedures
- None of the above

[SUB_LEVEL] SUBAWARD LEVEL

The next section is going to ask you about the specific construction components of the award we've been discussing. As you may know, construction projects are often divided among different sub-awards either by USAID or the awardee of the overall award. If there are no sub-awards associated with this award then you will be answering for the award as a whole. However, if the awardee sub-awarded the work into several packages you will need to answer for each individual sub-award made. This **EXCLUDES** sub-awards that are only trades (i.e. painters, electricians, stone masons, etc.).

[SUB_DET] SUB-AWARD DETAILS

LOGIC: Begin loop for CONSTRUCT_TYPE asking for each sub-award

[CONSTRUCT_TYPE] What types of construction were/are included in this sub-award? Please check all that apply. (Note: Airports runways and railway rail beds should be counted under the transportation category and airport terminals and train station are to be counted under the building category.)

- Transportation (roads, bridges, rail beds, ports, etc.)

- Buildings (new construction, renovation, and/or repair; includes airport terminals and railway stations)
- Water/wastewater facilities (potable water distribution, water treatment plants, wastewater treatment plants, community septic systems, sewers, etc.)
- Energy related facilities (carbon-based, solar and wind, electrical and natural gas transmission, hydroelectric generation excluding hydroelectric dams)
- Telecommunication facilities (cell towers, antennae, switching stations)
- Solid waste management facilities (landfills, transfer stations, recycling centers, incinerators,)
- Water resources facilities (dams, irrigation systems, includes hydroelectric dams)
- Water storage/rainwater catchment systems (below or on-ground cisterns/water catchment, above ground cisterns or water towers, rainwater catchment systems)
- Other construction activities (non-building cultural heritage sites, market or outdoor sports facilities, etc.)

Logic: After [CONSTRUCT_TYPE] is completely filled, skip to the following sections for each package, collecting all details about a single package before moving to the next.

Sections: (for Transportation Category) [ROADWAY_ITEM], [BUILD_ITEM], [WASTEWATER_FAC_ITEM], (for Energy category) [ENER_CARBN_ITEM], [TELECOMM_LINE_ITEM], [WASTEMGMT_ITEM], [WATERRES_DAM_ITEM], [WATERSTORE_ITEM], [OTHER_CONST_ITEM]

[TRANSPORT] TRANSPORTATION

The following section asks about the transportation related construction activities associated with this award such as roadways, bridges, railways, airport runways, and ports.

[ROADWAY] ROADWAYS

[ROADWAY_ITEM] Does the sub award include any roadway related items?

- Yes
- No

Logic: If [ROADWAY_ITEM] = 'no' skip to [ROAD_BRIDGE]

[ROADWAY_TYPE] For roadway construction under the sub-award, please select all that apply and provide as much information as possible.

USAID Construction Assessment Quex

Roadway Type	Construction location	Was/Is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of segments (by location)	Actual(if complete)/ Estimated (if ongoing)# of segments	Planned total km	Actual/ Estimated total km	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Concrete, 4 or more lanes	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Concrete, 2 lanes	“	“		“	“	“	“	“	“	“	“
Asphalt, 4 or more lanes											
Asphalt, 2 lanes											
Gravel, 2 lanes											
Dirt, 2 lanes	“	“		“	“	“	“	“	“	“	“
Other (specify): _____	“	“		“	“	“	“	“	“	“	“

[ROADWAY_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[ROAD_BRIDGE] ROADWAY BRIDGES

[ROAD_BRIDGE_ITEM] Did/Does this sub-award include any road bridges-related items?

- Yes
- No

Logic: If [ROAD_BRIDGE_ITEM] = 'no' skip to [RAILBED]

[ROAD_BRIDGE_TYPE] For bridges along roads, please select all that apply and provide as much information as possible.

USAID Construction Assessment Quex

Structure Type	Construction location	Was/Is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites	Actual/ Estimated # of sites	Typical span (m)	Typical Number of spans	Planned/ designed economic life of the constructed facility (in years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Steel, 4 or more lanes	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> <5 <input type="checkbox"/> 5-9 <input type="checkbox"/> 10-14 <input type="checkbox"/> 15-19 <input type="checkbox"/> 20 or more <input type="checkbox"/> Don't Know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____	
Steel, 2 lanes											
Concrete, 4 or more lanes	“	“		“	“	“		“	“	“	
Concrete, 2 lanes											
Wood, 4 or more lanes	“	“		“	“	“		“	“	“	
Wood, 2 lanes											

USAID Construction Assessment Quex

Structure Type	Construction location	Was/Is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites	Actual/ Estimated # of sites	Typical span (m)	Typical Number of spans	Planned/ designed economic life of the constructed facility (in years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Other (specify):	"	"		"	"	"		"	"	"	

[BRIDGE_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[RAILBED] RAILBEDS

[RAILBED_ITEM] Does this sub-award include any railbed-related items?

- Yes
- No

Logic: If RAILBED_ITEM = 'no' skip to RAIL_BRIDGE

[RAILBED_TYPE] For rail bed construction components, please select all that apply and provide as much information as possible.

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Railed type	Construction location	Was/Is construction in a conflict area?	Planned # of segments	Actual # of segments	Planned total km	Actual total km	Planned/ designed economic life of the constructed facility (in years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Single track	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Double track	“	“	“	“	“	“	“	“		
Other (specify):	“	“	“	“	“	“	“	“		

[BED_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[RAIL_BRIDGE] RAILWAY BRIDGES

[RAILWAY_BRIDGE_ITEM] Did/Does this sub-award include any railway bridges-related items?

- Yes
- No

Logic: If [RAILWAY_BRIDGE_ITEM] = 'no' skip to [RUNWAY]

[RAILWAY_BRIDGE_TYPE] For bridges along railways, please select all that apply and provide as much information as possible.

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Structure Type	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Typical span (m)	What is the typical number of spans	Planned/ designed economic life of the constructed facility (in years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Steel, 1 track	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> <5 <input type="checkbox"/> 5-9 <input type="checkbox"/> 10-14 <input type="checkbox"/> 15-19 <input type="checkbox"/> 20 or more	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____	
Steel, 2 or more tracks											
Concrete, 1 track	“	“		“	“	“		“	“	“	
Concrete, 2 or more tracks											
Wood, 1 track	“	“		“	“	“		“	“	“	

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Structure Type	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Typical span (m)	What is the typical number of spans	Planned/ designed economic life of the constructed facility (in years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Wood, 2 or more tracks											
Other (specify):	“	“		“	“	“		“	“	“	

[RAIL_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[RUNWAY] AIRPORT RUNWAYS

[RUNWAY_ITEM] Does the sub award include any airport runway related items?

- Yes
- No

Logic: If [RUNWAY_ITEM] = 'no' skip to [PORT_ITEM]

[RUNWAY_TYPE] For runway construction under the sub-award, please select all that apply and provide as much information as possible.

USAID Construction Assessment Quex

	Construction location	Was/Is construction in a conflict area?	Location	Surface type	Planned # of segments	Actual/ Estimated # of segments	Planned typical width (m)	Actual/ Estimated typical width (m)	Planned total length (m)	Actual/ Estimated total length (m)	Planned/ designed economic life of the constructed facility (years)?	Actual/Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Runways	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> Concrete <input type="checkbox"/> Asphalt <input type="checkbox"/> Gravel <input type="checkbox"/> Dirt <input type="checkbox"/> Other <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____							
Taxiways	“	“		“			“	“	“	“	“	“		
Other (Please specify):														

[RUNWAY_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[PORT] PORTS

[PORT_ITEM] Does this sub-award include any port-related items?

- Yes
- No

LOGIC: If [PORT_ITEM] = 'no' skip to next section selected in CONSTRUCT_TYPE

[PORT_TYPE] For ports, please select all that apply and provide as much information as possible.

USAID Construction Assessment Quex

	Construction location	Was/Is construction in a conflict area?	Location	Cargo handling equipment	Planned # of sites	Actual/ Estimated # of sites	Planned # of berths	Actual/ Estimated # of berths	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Sea	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____					
River or other inland	“	“	“	“	“	“	“	“	“	“		

[PORT_DIS] What is the closest major city or town to the project site (50k people or more)?

[BUILD] BUILDINGS

The following section deals with buildings associated with the award such as schools, clinics, hospitals, and other building types.

[BUILD_SS_ITEM] Does this sub-award include any single-story buildings?

- Yes
- No

LOGIC: If BUILD_ITEM_SS = 'No', skip to BUILD_ITEM_MS

[BUILD_SS_TYPE] For single-story buildings, please select all that apply and provide as much information as possible.

USAID Construction Assessment Quex

	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical area per building (m ² , by location)	Estimated typical area per building (m ² , by location)	Energy efficiency standards required by the award	Green building standards required by the award (e.g. LEED)	Specifications and /or clauses requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Did/Does the sub-award(s) incorporated design elements to accommodate people with disabilities	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required and not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in LONG or UTM format)
Schools [Schools]	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes; describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes; describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes; Describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Clinics [Clinics]	“	“		“	“	“	“	“	“	“	“	“	“		
Hospitals [Hospitals]	“	“		“	“	“	“	“	“	“	“	“	“		
Community centers [Community centers]	“	“		“	“	“	“	“	“	“	“	“	“		

USAID Construction Assessment Quex

	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical area per building (m ² , by location)	Estimated typical area per building (m ² , by location)	Energy efficiency standards required by the award	Green building standards required by the award (e.g. LEED)	Specifications and /or clauses requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Did/Does the sub-award(s) incorporated design elements to accommodate people with disabilities	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required and not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in LONG or UTM format)
	Libraries [Libraries]	"	"	"	"	"	"	"	"	"	"	"	"		
	Government offices [Government offices]	"	"	"	"	"	"	"	"	"	"	"	"		
	Storage facilities/ warehouses/ hangars [Storage facilities/ warehouses]	"	"	"	"	"	"	"	"	"	"	"	"		
	Factories [Factories]	"	"	"	"	"	"	"	"	"	"	"	"		
	Cultural heritage (e.g. historic sites, museums) [Cultural heritage]	"	"	"	"	"	"	"	"	"	"	"	"		
	Airport terminals [AIRPORT_TERMINAL]	"	"	"	"	"	"	"	"	"	"	"	"		

USAID Construction Assessment Quex

	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical area per building (m ² , by location)	Estimated typical area per building (m ² , by location)	Energy efficiency standards required by the award	Green building standards required by the award (e.g. LEED)	Specifications and /or clauses requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Did/Does the sub-award(s) incorporated design elements to accommodate people with disabilities	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required and not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in LONG or UTM format)
Railway stations [RAILWAY_STN]	"	"		"	"	"	"	"	"	"	"	"	"		
Other (Please specify):	"	"		"	"	"	"	"	"	"	"	"	"		

[BUILD_SS_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[BUILD_MS_ITEM] Does this sub-award include any multi-story building items?

- Yes
- No

LOGIC: If BUILD_ITEM_SS = 'No', skip to next section selected in CONSTRUCT_TYPE

[BUILD_MS_TYPE] For multi-story buildings, please select all that apply and provide as much information as possible.

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	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical area per building (m ² , by location)	Estimated typical area per building (m ² , by location)	Energy efficiency standards required	Green building standards applied (e.g. LEED)	Specifications requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Did/Does the sub-award(s) incorporated design elements to accommodate people with disabilities	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates all related construction structures (provide coordinates separated by semicolon in LONG or UTM format)
Schools [Schools]	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes; describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes; describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes; Describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Clinics [Clinics]	“	“		“	“	“	“	“	“	“	“	“	“		
Hospitals [Hospitals]	“	“		“	“	“	“	“	“	“	“	“	“		
Community centers [Community centers]	“	“		“	“	“	“	“	“	“	“	“	“		

USAID Construction Assessment Quex

	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical area per building (m ² , by location)	Estimated typical area per building (m ² , by location)	Energy efficiency standards required	Green building standards applied (e.g. LEED)	Specifications requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Did/Does the sub-award(s) incorporated design elements to accommodate people with disabilities	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates all related construction structures (provide coordinates separated by semicolon in LONG or UTM format)
Libraries [Libraries]	"	"		"	"	"	"	"	"	"	"	"	"		
Government offices [Government offices]	"	"		"	"	"	"	"	"	"	"	"	"		
Storage facilities/ warehouses/ hangars [Storage facilities/ warehouses]	"	"		"	"	"	"	"	"	"	"	"	"		
Factories [Factories]	"	"		"	"	"	"	"	"	"	"	"	"		
Cultural heritage (e.g. historic sites, museums) [Cultural heritage]	"	"		"	"	"	"	"	"	"	"	"	"		
Airport terminals [AIRPORT_TERMINAL]	"	"		"	"	"	"	"	"	"	"	"	"		

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	Construction location	Was/is construction in a conflict area?	Did this facility include any major pre-fabricated components?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical area per building (m ² , by location)	Estimated typical area per building (m ² , by location)	Energy efficiency standards required	Green building standards applied (e.g. LEED)	Specifications requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Did/Does the sub-award(s) incorporated design elements to accommodate people with disabilities	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates all related construction structures (provide coordinates separated by semicolon in LONG or UTM format)
Railway stations [RAILWAY_STN]	"	"		"	"	"	"	"	"	"	"	"	"		
Other (Please specify):	"	"		"	"	"	"	"	"	"	"	"	"		

[BUILD_MS_DIS] What is the closest major city or town to the project site (50k people or more)?

City Name _____

[WASTEWATER_TREAT] WATER/WASTEWATER TREATMENT AND NETWORKS

The next section collects information on water and wastewater treatment facilities, water distribution and wastewater collection networks.

[WASTEWATER_FAC] WASTEWATER TREATMENT FACILITIES

[WASTEWATER_FAC_ITEM] Does this sub-award include any wastewater treatment facilities?

- Yes
- No

Logic: If WASTEWATER_FAC_ITEM = 'no' skip to WATER_FAC_ITEM

[WASTEWATER_FAC_TYPE] For Wastewater Treatment facilities, please select all that apply and provide as much information as possible.

	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual # of sites (by location)	Planned population served (by location)	Actual/ Estimated population served (by location)	Level of treatment	Disinfection system	Planned typical capacity (liters/day by location)	Actual typical capacity (liters/day, by location)	What is the planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Waste-water treatment facilities	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Primary) <input type="checkbox"/> Secondary <input type="checkbox"/> Tertiary	<input type="checkbox"/> Chlorination <input type="checkbox"/> UV <input type="checkbox"/> Other; specify _____	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

[WATER_FAC] WATER TREATMENT FACILITIES

[WATER_FAC_ITEM] Does this sub-award include any water treatment facilities-related items?

- Yes
- No

Logic: If WATER_FAC_ITEM = 'no' skip to WASTEWATER_NET_ITEM

[WATER_FAC_TYPE] For Water Treatment facilities, please select all that apply and provide as much information as possible.

	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned population served (by location)	Actual/ Estimated population served (by location)	Water source	Type of treatment (Select all that apply)	Planned typical capacity (liters/day)	Actual typical capacity (liters/day)	What is the planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Water treatment facilities	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Shallow well (less than 10 m) <input type="checkbox"/> Deep well (over 10 m) <input type="checkbox"/> Lake/ reservoir <input type="checkbox"/> Major river (requires significant treatment) <input type="checkbox"/> Small river or creek (limited treatment needed) <input type="checkbox"/> Spring <input type="checkbox"/> Don't Know	<input type="checkbox"/> Flocculation and settling system <input type="checkbox"/> Sand filtration <input type="checkbox"/> Fluidized carbon or other carbon-based treatment system <input type="checkbox"/> Other filtration system (i.e. membrane-type filtration) <input type="checkbox"/> Desalination (reverse osmosis) <input type="checkbox"/> Desalination (other) <input type="checkbox"/> Water softening <input type="checkbox"/> Chlorine disinfection <input type="checkbox"/> Ultraviolet disinfection <input type="checkbox"/> Don't Know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

[WASTEWATER_NET] WASTEWATER COLLECTION NETWORKS

[WASTEWATER_NET_ITEM] Does this sub-award include any wastewater collection networks?

- Yes
- No

LOGIC: If WASTEWATER_NET_ITEM = 'no' skip to WATER_NET_ITEM

[WASTEWATER_NET_TYPE] For wastewater collection networks.

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	Construction location	Was/Is construction in a conflict area?	Planned # of networks (by location)	Actual/ Estimated # of networks (by location)	Construction material	Typical pipe diameter (mm)	Planned population serve (by location)	Actual population served (by location)	Planned km installed (by location)	Actual/ estimated km installed (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Waste-water collection networks	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Concrete <input type="checkbox"/> Reinforced fiberglass <input type="checkbox"/> PVC <input type="checkbox"/> Cast iron <input type="checkbox"/> Other; Specify _____	<input type="checkbox"/> <100 mm <input type="checkbox"/> 100-250 mm <input type="checkbox"/> >250 mm <input type="checkbox"/> DK	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

[WATER_NET] WATER DISTRIBUTION NETWORKS

[WATER_NET_ITEM] Does this sub-award include any water distribution networks?

- Yes
- No

LOGIC: If WATER_NET_ITEM = 'no' skip to next section based on CONSTRUCT_TYPE

[WATER_NET_TYPE] For water distribution networks.

	Construction location	Was/Is construction in a conflict area?	Planned # of networks (by location)	Actual/ Estimated # of networks (by location)	Construction material	Typical pipe diameter (mm)	Planned population serve (by location)	Actual population served (by location)	Planned km installed (by location)	Actual/ estimated km installed (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Water distribution networks	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Cast iron <input type="checkbox"/> Non-rigid plastic <input type="checkbox"/> Other; Specify _____ <input type="checkbox"/> DK	<input type="checkbox"/> <100 mm <input type="checkbox"/> 100-250 mm <input type="checkbox"/> >250 mm <input type="checkbox"/> DK	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

[ENERGY] ENERGY

The following section collects information on energy related facilities and construction such as carbon based facilities, solar and wind facilities, hydroelectric plants, and electric and natural gas facilities.

[CARB_ENER] CARBON-BASED

[ENER_CARBON_ITEM] Does this sub-award include any non-renewable or biomass power generation facilities (e.g. diesel. Coal...)?

- Yes
- No

LOGIC: If ENER_CARBON_ITEM = 'no' skip to ENER_SOLWIND_ITEM

[ENER_CARBON_TYPE] For non-renewable or biomass (diesel, heavy fuel oil, natural gas, coal and biomass) power generation facilities, please select all that apply and provide as much information as possible.

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	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual # of sites (by location)	Planned typical generation capacity (MW, by location)	Actual typical generation capacity (MW, by location)	Planned population served (by location)	Actual population served (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Diesel	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximate ly same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____						
Heavy fuel oil	"	"	"	"	"	"			"	"		
Natural gas	"	"	"	"	"	"			"	"		
Coal	"	"	"	"	"	"			"	"		
Biomass	"	"	"	"	"	"			"	"		
Other (specify):	"	"	"	"	"	"			"	"		

[ENER_SOLWIND] SOLAR AND WIND ENERGY

[ENER_SOLWIND_ITEM] Does this sub-award include any solar and wind-based power generation facilities?

Yes

No

LOGIC: If ENER_SOLWIND_ITEM = 'no' skip to ENER_HYDRO_ITEM

[ENER_SOLWIND_TYPE] For solar and wind-based power generation facilities, please select all that apply and provide as much information as possible.

	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical generation capacity (MW, by location)	Actual/ Estimated typical generation capacity (MW, by location)	On/off grid	Planned population served (by location)	Actual population served (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Solar	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximate ly same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> On grid <input type="checkbox"/> Off grid <input type="checkbox"/> Mixed	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Wind	“	“	“	“	“	“	“	“	“	“	“		

[HYDROELEC] HYDROELECTRIC ENERGY

[ENER_HYDROELEC_ITEM] Does this sub-award include any streaming/run-of-the-river hydroelectric power generation facilities?

- Yes
- No

LOGIC: If ENER_HYDROELEC_ITEM = 'no' skip to ENER_ELEC_NATGAS_ITEM

[HYDROELEC_TYPE] For hydroelectric energy generation

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Structure Type	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned typical generation capacity (MW, by location)	Actual typical generation capacity (MW, by location)	Planned population served (by location)	Actual population served (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Streaming/Run of the river	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____						

[ELEC_NATGAS] ELECTRICAL AND NATURAL GAS TRANSMISSION

[ENER_ELEC_NATGAS_ITEM] Does this sub-award include any electricity or natural gas transmission items?

- Yes
- No

LOGIC: If ENER_ELEC_NATGAS_ITEM = 'no' skip to next section based on CONSTRUCT_TYPE

[ENER_ELEC_NATGAS_TYPE] For electricity or natural gas transmission lines, please select all that apply and provide as much information as possible.

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	Construction location	Was/Is construction in a conflict area?	Planned # of segments (by location)	Actual/ Estimated # of segments (by location)	Planned length (km, by location)	Actual/ Estimated length (km, by location)	Planned # of sub-stations (by location)	Actual/ Estimated # of sub-stations (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
High voltage electrical transmission lines (110kv)	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____						
Low voltage electrical distribution lines	“	“	“	“	“	“	“	“	“	“		
High pressure pipelines for natural gas	“	“	“	“	“	“		“		“		

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	Construction location	Was/Is construction in a conflict area?	Planned # of segments (by location)	Actual/ Estimated # of segments (by location)	Planned length (km, by location)	Actual/ Estimated length (km, by location)	Planned # of sub-stations (by location)	Actual/ Estimated # of sub-stations (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Distribution networks for natural gas	"	"	"	"	"	"		"		"		

[TELECOMM] TELECOMMUNICATIONS

The following sections collect information on telecommunications construction such as telecommunication lines and towers.

[TELECOMM_LINE] TELECOMMUNICATIONS LINE

[TELECOMM_LINE_ITEM] Does the sub-award include any telecommunications line-related items?

- Yes
- No

LOGIC: If TELECOMM_LINE_ITEM = 'no' skip to TELECOMM_TOWER_ITEM

[TELECOMM_LINE_TYPE] For telecommunications lines, please select all that apply and provide as much information as possible.

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	Was/Is construction in a conflict area?	Planned # of segments (by location)	Actual # of segments (by location)	Planned length (km, by location))	Actual/ Estimated length (km, by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Copper tele-communications line	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Fiber-optic tele-communications line	“	“	“	“	“	“	“		

[TELECOMM_TOWER] TELECOMMUNICATIONS TOWER

[TELECOMM_TOWER_ITEM] Does this sub-award include any telecommunications tower-related items?

- Yes
- No

LOGIC: If TELECOMM_TOWER_ITEM = 'no' skip to next section based on CONSTRUCT_TYPE

[TELECOMM_TOWER_TYPE] For telecommunications towers, please select all that apply and provide as much information as possible.

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	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Planned total # of towers (by location)	Actual/ Estimated total # of towers (by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Mobile tele-communications tower	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Microwave tele-communications tower	“	“	“	“	“	“	“	“		

[TELE_DIS] What is the closest major city to the project site?

City Name _____

[WASTEMGMT] WASTE MANAGEMENT

The next section asks for information on waste management related construction.

[WASTEMGMT_ITEM] Does this sub-award include any waste management-related items?

- Yes
- No

LOGIC: If WASTEMGMT_ITEM = 'no' skip to next section based on CONSTRUCT_TYPE

[WASTEMGMT_TYPE] For waste management facilities, please select all that apply and provide as much information as possible.

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	Construction location	Was/Is construction in a conflict area?	Planned # of sites (by location)	Actual/ Estimated # of sites (by location)	Waste types (Select all that apply)	Planned capacity (tons/day, by location)	Actual/ Estimated capacity (tons/day, by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in LAT-LONG or UTM format)
Collection	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Household <input type="checkbox"/> Industrial <input type="checkbox"/> Municipal (combined commercial and residential) <input type="checkbox"/> Hazardous	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____	
Landfills	“	“	“	“	“	“	“	“	“		
Recycling facilities	“	“	“	“	“	“	“	“	“		
Incinerators	“	“	“	“	“	“	“	“	“		
Other (specify):	“	“	“	“	“	“	“	“	“		

[WATERRES] WATER RESOURCES

The following section collects information on water resources such as dams and irrigation systems

[WATERRES_DAM] DAMS

[WATERRES_DAM_ITEM] Does this sub-award include any dam-related items (including hydroelectric dams)?

- Yes
- No

LOGIC: If WATERRES_DAM_ITEM = 'no' skip to WATERRES_IRRI_ITEM

[WATERRES_DAM_TYPE] For dams, please select all that apply and provide as much information as possible. Note: For multiple dams of similar type and size, use a single row.

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	Construction location	Was/Is construction in a conflict area?	Location	Dam construction material	Planned # of sites	Actual/ Estimated # of sites	Typical dam height (m)	Typical dam width (m)	Planned typical reservoir volume (m ³)	Actual typical reservoir volume (m ³)	Does this Dam include Hydroelectric generation	Planned Population served	Actual Population served	Planned typical megawatt generation	Actual typical megawatt generation	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award date
Concrete Arch Dam or Gravity-type Dam	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Urban <input type="checkbox"/> Rural	<input type="checkbox"/> Earth/Rock <input type="checkbox"/> Concrete <input type="checkbox"/> Both <input type="checkbox"/> Other <input type="checkbox"/> Unknown ---	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain _____				
Barrage (INSERT DEFINITION)	“	“	“	“	“	“	“	“	“	“						“	“	
Rock-fill (embankment-type) Dam	“	“	“	“	“	“	“	“	“	“						“	“	

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	Construction location	Was/Is construction in a conflict area?	Location	Dam construction material	Planned # of sites	Actual/ Estimated # of sites	Typical dam height (m)	Typical dam width (m)	Planned typical reservoir volume (m ³)	Actual typical reservoir volume (m ³)	Does this Dam include Hydroelectric generation	Planned Population served	Actual Population served	Planned typical megawatt generation	Actual typical megawatt generation	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date
Concrete-face rock-fill (embankment-type) dam	"	"	"	"	"	"	"	"	"	"						"	"	
Earth-fill (embankment-type) dam	"	"	"	"	"	"	"	"	"	"						"	"	
Asphalt-concrete core (embankment-type) dam	"	"	"	"	"	"	"	"	"	"						"	"	

[DAMS_DIS] What is the closest major city to the project site?

City Name _____

[WATERRES_IRRI] IRRIGATION SYSTEMS

[WATERRES_IRRI_ITEM] Does this award include any irrigation systems-related items?

- Yes
- No

LOGIC: If WATERRES_IRRI_ITEM = 'no' skip to next section based on CONSTRUCT_TYPE

[IRRI_SOURCE] For Irrigation Systems, what is the source water? Select all that apply.

- Existing impoundment

- New impoundment built by award
- Natural lake
- Groundwater
- Other (please specify) _____
- Don't know
- Not applicable

[IRRI_TYPE] For irrigation systems, please select all that apply and provide as much information as possible.

	Construction location	Was/Is construction in a conflict area?	Planned primary canal length (km)	Planned secondary canal length (km)	Planned tertiary canal length (km)	Actual/ Estimated primary canal length (km)	Actual/ Estimated secondary canal length (km)	Actual/ Estimated tertiary canal length (km)	Planned area irrigated (ha)	Actual/ Estimated area irrigated (ha)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Canals	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				
Piped	“	“	“	“	“			“	“	“	“	“		
Pivot	“	“	“	“	“			“	“	“	“	“		

[IRRI_DIS] What is the closest major city to the project site?

City Name _____

[WATER_STORE] WATER STORAGE/RAINWATER CATCHMENT SYSTEMS

[WATERSTORE_ITEM] Does this award include any water storage systems-related items?

- Yes
- No

LOGIC: If WATERSTORE_ITEM = 'no' skip to the next section based on CONSTRUCT_TYPE

[WATERSTORE_TYPE] For water storage and rainwater catchment systems, please select all that apply and provide as much information as possible.

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	Construction location	Was/Is construction in a conflict area?	Planned # of Sites (by location)	Actual/ Estimated # of Sites (by location)	Construction material	Major Prefabricated elements?	Main use	Planned population served (by location)	Actual population served (by location)	Planned size installed – volume (Liters, by location)	Actual/ estimated size installed volume (Liters, by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Below ground or on-ground Cistern/water catchment (sides below ground)	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Plastic on ground <input type="checkbox"/> Plastic elevated <input type="checkbox"/> Earth and Geo-membrane (engineered fabric) <input type="checkbox"/> Stone (on ground) <input type="checkbox"/> Steel – on ground <input type="checkbox"/> Steel – above ground <input type="checkbox"/> Other; Specify _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Drinking water <input type="checkbox"/> Livestock <input type="checkbox"/> Industrial and food processing <input type="checkbox"/> Irrigation	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

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	Construction location	Was/Is construction in a conflict area?	Planned # of Sites (by location)	Actual/ Estimated # of Sites (by location)	Construction material	Major Prefabricated elements?	Main use	Planned population served (by location)	Actual population served (by location)	Planned size installed – volume (Liters, by location)	Actual/ estimated size installed volume (Liters, by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Above-ground Cistern or water tower (sides above ground)	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Plastic on ground <input type="checkbox"/> Plastic elevated <input type="checkbox"/> Earth and Geo-membrane (engineered fabric) <input type="checkbox"/> Stone (on ground) <input type="checkbox"/> Steel – on ground <input type="checkbox"/> Steel – above ground <input type="checkbox"/> Other; Specify _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Drinking water <input type="checkbox"/> livestock <input type="checkbox"/> Industrial and food processing <input type="checkbox"/> Irrigation	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

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	Construction location	Was/Is construction in a conflict area?	Planned # of Sites (by location)	Actual/ Estimated # of Sites (by location)	Construction material	Major Prefabricated elements?	Main use	Planned population served (by location)	Actual population served (by location)	Planned size installed – volume (Liters, by location)	Actual/ estimated size installed volume (Liters, by location)	Planned/ designed economic life of the constructed facility (years)	Estimated economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Rainwater catchment System (For Buildings)	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Plastic on ground <input type="checkbox"/> Plastic elevated <input type="checkbox"/> Earth and Geo-membrane (engineered fabric) <input type="checkbox"/> Stone (on ground) <input type="checkbox"/> Steel – on ground <input type="checkbox"/> Steel – above ground <input type="checkbox"/> Other; Specify _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Drinking water <input type="checkbox"/> livestock <input type="checkbox"/> Industrial and food processing <input type="checkbox"/> Irrigation	Urban: _____ Rural: _____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____				

[OTHER_CONST] OTHER CONSTRUCTION ACTIVITIES

[OTHER_CONST_ITEM] Does this sub-award include any other construction activities (eg cultural heritage sites, market or outdoor sports facilities, etc.)?

- Yes
- No

LOGIC: If OTHER_CONST_ITEM = 'no' skip to PACKAGE_PREP

[OTHER_CONST_TYPE] For water storage and rainwater catchment systems, please select all that apply and provide as much information as possible.

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Other Construction Activities	Construction location	Was/Is construction in a conflict area?	Location	Did this facility include any major pre-fabricated components?	Planned # of sites	Actual/ Estimated # of sites	Planned size	Actual/ estimated size	Type of Material	Specifications and /or clauses requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Planned/ designed economic life of the constructed facility (years)	Actual on completion economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Cultural Heritage (non-building type. i.e. monuments and archeological rehabilitation. Describe. _____)	<input type="checkbox"/> New – site no previous construction of any kind <input type="checkbox"/> New – on site with previous construction of any type <input type="checkbox"/> Upgrade <input type="checkbox"/> Expansion of existing facility <input type="checkbox"/> Rehab of existing facility approximately same footprint	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	<input type="checkbox"/> Urban <input type="checkbox"/> Rural <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know <input type="checkbox"/> Not applicable	<input type="checkbox"/> Yes; describe standards: _____ <input type="checkbox"/> No <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	_____ <input type="checkbox"/> Don't know	<input type="checkbox"/> Yes, minor defects <input type="checkbox"/> Yes, major defects <input type="checkbox"/> Yes, major requirements not met; estimate % not usable: _____ <input type="checkbox"/> Yes, completely unusable <input type="checkbox"/> No <input type="checkbox"/> Don't know; explain: _____					
Site work (i.e. site grading for buildings – i.e. factory site)	''	''	''	''	''	''	''	''	''	''	''	''	''	
Site Fencing														
Market Facility (Gravel type with outdoor awning)														

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Other Construction Activities	Construction location	Was/Is construction in a conflict area?	Location	Did this facility include any major pre-fabricated components?	Planned # of sites	Actual/ Estimated # of sites	Planned size	Actual/ estimated size	Type of Material	Specifications and /or clauses requiring use of safe, nonhazardous materials (e.g. no asbestos materials, no lead-based paint, formaldehyde free materials, etc.)	Planned/ designed economic life of the constructed facility (years)	Actual on completion economic life of the constructed facility (years)	Rework required not completed prior to award end date	GPS coordinates for all related construction structures (provide coordinates separated by semicolon in AT-LONG or UTM format)
Market Facility (Concrete or Asphalt type with outdoor awning)														
Outdoor Sports Facility – Grass type only (i.e. football pitch)														
Outdoor Sports Facility – Concrete type only (i.e. basketball court)														
Erosion Control – Slope Stability														
Erosion Control – River/stream Stability														
Erosion Control – Shoreline Stability														
Other – Specify _____	“	“	“		“	“				“	“	“		

[PACKAGE_PREP] SUB-AWARD PREPARATION

The next set of questions is going to ask about how sub-awards were developed, including management plans and relationships with host country governments.

[RISK_REG_PK] Was a means to identify and track potential issues and risks (i.e. risk register) developed?

- Yes
- No
- Don't know

[GOV_CONSULT_PK] Was the host country government consulted in the design of the infrastructure component of the sub-award before the sub-award was approved?

- Yes, by USAID
- Yes, by Prime Recipient
- No
- Don't know

Logic: If 'Yes, by USAID, for all sub-awards' or 'Yes, by Prime Recipient, for all sub-awards', then display GOV_CONSULT_PK only once. Else, display GOV_CONSULT_PK for each package iteration.

[GOV_CONSULT_WHO_PK] Which government entities were consulted in the design of the structures constructed under the sub-award? Select all that apply.

- Central government authorities/Ministry officials
- Regional officials
- Local officials
- Other (Specify): _____
- Don't know

[STKH_CONSULT_PK] Were non-governmental stakeholders consulted in the design of the infrastructure component of the sub-award before the sub-award was approved?

- Yes
- No
- Don't know

Logic: If STKH_CONSULT_PK = 'No' or 'DK' skip to SITE_APPRV_PK

[STKH_CONSULTWHO_PK] Which non-governmental stakeholders were consulted in the design of the infrastructure? Select all that apply.

- NGOs/CSOs
- User/business associations
- Community groups
- Other (Specify): _____

[SITE_APPRV_PK] Was formal approval for the sub-award construction site(s) received by the Host Government?

- Yes, by USAID
- Yes, by awardee
- No
- Don't know

Logic: If SITE_APPRV_PK = 'No' or 'DK' skip to CONSTRCT_EVAL_PK

[SITE_APPRV_WHO_PK] Which government entities gave formal approval for the sub-award construction site(s)? Select all that apply.

- Central government authorities
- Ministry officials
- Regional officials
- Local officials
- Other (Specify): _____
- Don't know

[CONSTRCT_EVAL_PK] Was a constructability review completed?

- Yes, by USAID
- Yes, by awardee
- No
- Don't know

[USG_TECH_PK] Were USG officials outside of the implementing mission/bureau involved in directing technical aspects of the construction planning and implementation (e.g. timing, siting, materials used, design specifications, etc.).

- Yes
- No
- DK

LOGIC: If USG_TECH_PK = 'yes' ask TECH_WHO_PK else skip to MANAGE_PK

[TECH_WHO_PK] Which USG officials were involved? Select all that apply.

- USAID/Washington
- Other country team
- State Department/Washington
- Congress
- Department of Defense
- Other specify
- Don't know

[MANAGE_PK] Was the prime awardee's senior project manager the same over the life of the sub-award?

- Yes
- No
- Don't know

[GOV_EST_PK] Was an independent cost estimate of sub-award construction activities developed?

- Yes
- No
- Don't know

LOGIC: If GOV_EST_PK = 'No' or 'DK' skip to GOV_SCHED_PK else ask EST_PREP_PK

[EST_PREP_PK] Who prepared the cost estimate?

- US or international staff/consultant (engineer)
- US or international staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- Other (specify): _____
- Don't know

LOGIC: Please provide options as drop down menu.

[EST_BASIS_PK] What was the basis of the cost estimate?

- Parametric models (i.e. cost square footage, cost per km, cost per cubic meter of water per day etc.)
- Capacity standard (cost/student, cost/hospital bed, etc.)
- Judgment estimate
- Budget authorization/control (Unit Cost Estimate based upon incomplete / limited design)
- Control/Bid and Tender (Detailed Unit Cost Estimate based upon complete design).

LOGIC: Please provide options as drop down menu.

[GOV_SCHED_PK] Was a sub-award planned schedule developed (i.e. a high level schedule that accounts for procurement and identifies contractor activities to establish reasonable project duration)?

- Yes
- No
- Don't know

LOGIC: If GOV_SCHED_PK = 'yes' ask SCHED_PREP_PK else skip to BONDING_PK

[SCHED_PREP_PK] Who developed the sub-award planned schedule?

- US or international staff/consultant (engineer)
- US or international staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- Don't know

[BONDING_PK] Was a construction surety bond or other assurance required by the sub-award agreement?

- Yes
- No
- Don't know

[SUB_AWARD_COMP] Which of the following options would best characterize the sub-award competition?

- Full and open competition
- Qualifications-based short list
- Limited competition
- Sole source
- Don't know

[FINSTAT_PK] Is/Was the sub-awardee required to submit financial statements as part of the procurement process?

- Yes
- No
- Don't know

[SUB_STAT] Which of the following best characterizes the sub-awardee construction implementer?

- International Construction/Engineering Firm

- International Firm (not primarily construction focused)
- International NGO/PBO
- Other international organization (specify)_____
- Local Construction/Engineering Firm
- Local form (not primarily construction focused)
- Local NGO
- Local Government
- Other Local organization (specify)_____

[SUB_TEAM] Did the sub-awardee have any of the following as part of their construction management team? Check all that apply.

- US or international staff/consultant (engineer)
- US or international staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- None
- Don't know

[CONT_DES_PK] SUB-AWARD DESIGN

[CONT_DES_PK_SAME] Were/Are the construction award terms and conditions the same across all sub-awards?

- Yes
- No
- Don't know

Logic: If CONT_DES_PK_SAME = 'No' or 'DK', display the remaining questions in CONT_DES_PK for each package iteration; else, ask the rest of the questions in CONT_DES_PK only once.

[AWARD_STD_PK] Is the construction award a construction standard form of award, e.g. FIDIC, or FIDIC based; American Institutes of Architects, American General Awards Association, etc.?

- Yes; Form of award: _____
- No
- Don't know

[DLP_PK] Does the construction award include a defects liability period (DLP)?

- Yes; enter length of the DLP in days: _____
- No
- Don't know

[BUDGET_INFO_PK] BUDGET INFORMATION

The next section is going to ask about sub-awardee award details, including scheduling, budget histories, sub-award development and modifications, and project management details. To begin, we will ask a few questions about the sub-award schedule and budget, for each sub-award under the PRIME award.

[CON_ORIGDUR_START] What was the originally planned start date of the sub-award?

_____ (MM/YYYY)
 Don't know

[CON_ORIGDUR_END] What was the originally planned end date of the sub-award?

_____ (MM/YYYY)
 Don't know

[CONSTRUCT_BUDGET_PLAN_PK] What was/is the original sub-award budget (in USD) for construction activities?

_____ (USD)
 Don't know

[AWARD_AMD_PK] Was the sub-award modified?

- Yes
- No
- Don't know

[LIC_APP_PK] Who was primarily involved in approving award modifications (other than the CO/COR)?

- USAID Direct Hire (non-engineer)
- USAID Direct Hire (engineer)
- USAID Direct Hire (professional licensed engineer)
- FSN (non-engineer)
- FSN (engineer)
- FSN (professional licensed engineer)
- PSC (non-engineer)
- PSC (engineer)
- PSC (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Host country government engineer
- Other USG Agency (e.g. Army Corps of Engineers)
- Other (specify): _____
- Don't know

Logic: If AWARD_AMD_PK = 'No' or 'DK' skip to DES_STD_SAME

[MOD_NO_PK] How many sub-award construction related modifications have there been?

_____ (No. sub-agreement modifications)

Please list all of the modifications to the sub-award that were related to construction activities in column 1 of the table below and complete the respective row of the table for each modification.

(1)	(2a)	(2b)	(2c)	(2d)	(2e)	(2f)		(2f)	(2g)
	Please indicate what requirements/issues were addressed by the modification:								
Modification No.	[AWARD_A MD_DET_ QUANTITY _PK] Change in quantity	[AWARD_A MD_DET_C APACITY_PK] Change in capacity	[AWARD_A MD_DET_SC HEDLE_PK] Change in schedule	[AWARD_AM D_DET_QUAL ITY_PK] Quality of work	[AWARD_AM D_DET_SUSTAI N_PK] Sustainability	[AWARD_AM D_DET_HEAL TH_PK] Compliance – Health & safety	[AWARD_AM D_DET_ENVI RO_PK] Compliance - Environment	[AWARD_AM D_DET_DIS_ ACC_PK] Compliance – Disability access	[AWARD_AMD _DET_OTHER_ _PK] Other Requirements
_____	<input type="checkbox"/> No change <input type="checkbox"/> Increase <input type="checkbox"/> Decrease	<input type="checkbox"/> No change <input type="checkbox"/> Increase <input type="checkbox"/> Decrease	<input type="checkbox"/> No change <input type="checkbox"/> Extend <input type="checkbox"/> Shorten	<input type="checkbox"/> No change <input type="checkbox"/> USAID/Govt required change <input type="checkbox"/> Rework <input type="checkbox"/> Other: _____	<input type="checkbox"/> No change <input type="checkbox"/> USAID/Govt required change <input type="checkbox"/> Rework <input type="checkbox"/> Other: _____	<input type="checkbox"/> No change <input type="checkbox"/> USAID/Govt required change <input type="checkbox"/> Rework <input type="checkbox"/> Other: _____	<input type="checkbox"/> No change <input type="checkbox"/> USAID/Govt required change <input type="checkbox"/> Rework <input type="checkbox"/> Other: _____	<input type="checkbox"/> No change <input type="checkbox"/> USAID/Govt required change <input type="checkbox"/> Rework <input type="checkbox"/> Other: _____	<input type="checkbox"/> None <input type="checkbox"/> Yes; specify: _____
_____	"	"	"	"	"	"	"	"	"
_____	"	"	"	"	"	"	"	"	"
_____	"	"	"	"	"	"	"	"	"
_____	"	"	"	"	"	"	"	"	"
_____	"	"	"	"	"	"	"	"	"
_____	"	"	"	"	"	"	"	"	"
_____	"	"	"	"	"	"	"	"	"

[SUB_AG_END_MOD] What was/is the modified end date of the sub-award?

_____ (MM/YYYY)

Don't know

[SUB_AG_BUDG_MOD] What was/is the final sub-award budget amount after modifications?

_____ (USD)

Don't know

[DES_STD] DESIGN STANDARDS

[DES_STD_SAME] Were/Are the design standards same across all sub-awards?

- Yes
- No
- Don't know

Logic: If DES_STD_SAME = 'No' or 'DK', display the remaining questions in DES_STD for each package iteration; else, ask the rest of the questions in DES_STD only once.

[DES_STD_CONT] What design standards were/are included in the design and specifications for the sub-award(s)? Select all that apply.

- International Building Code
- Uniform Building Code
- Local Codes
- AASHTO: American Association of State and Highway Transportation Officials
- International Code Council
- ASCE: American Society of Civil Engineers
- ANSI: American National Standards Institute
- OSHA: Occupational Safety and Health Administration
- Other (specify): _____
- Don't know

[SEIS_DES_PK] Was/Is seismic design included in the design?

- Yes
- No
- Don't know

LOGIC: If SEIS_DES_PK = 'No' or 'DK' skip to HURDES_PK, else ask SEIS_DEISSTD_PK

[SEIS_DEISSTD_PK] What standard was/are used for seismic design? Select all that apply.

- Regulations for Seismic Design: A World List, 1996
- Regulations for Seismic Design: Supplement, 2000
- Regulations for Seismic Design: A World List, 2004
- Practice of Earthquake Hazard Assessment
- International Handbook of Earthquake Engineering
- Seismic Design for Buildings
- Uniform Building Code, 1997
- International Building Code, 2003
- Other (specify): _____
- Don't know

[SEIS_CAT_PK] To what magnitude, seismic design category (International Building Code (IBC) 2000) or Uniform Building Code (UBC) Zone, ground acceleration, etc. was/are used as basis of design?

Design category (specify units) _____
 Don't know

[HURDES_PK] Were/Are hurricanes/typhoons a consideration in the design?

- Yes
- No

Don't know

[FLOOD_DES_PK] Was the potential for flooding taken into consideration during project design on this sub-award?

- Yes
- No
- Don't know

[WIND_STD_PK] What standards were/are used for wind design?

- IBC: International Building Code
- UBC: Uniform Building Code
- Local building codes
- Other (specify): _____
- None
- Don't know

[RELATION_PRIME_SUB] PRIME-SUB-AWARDEE RELATIONSHIP

[CONST_DOC_SAME] Was/Will there be construction documentation provided in a similar manner across all sub-award?

- Yes
- No
- Don't know

Logic: If CONST_DOC_SAME = 'No' or 'DK', display the remaining questions in RELATION_PRIME_SUB for each package iteration; else, ask the rest of the questions in RELATION_PRIME_SUB only once.

For each of the following elements, indicate when the documentation was/will be provided to the construction sub-awardee for the construction activities the sub-awardee that carried/is carrying out:

	With IFB/RFP	Before notice to proceed	Post notice to proceed	Closeout	Not provided	Don't know
[CONST_DOC_DES_BASIS_PK] Basis of design	<input type="checkbox"/>					
[CONST_DOC_DES_PLAN_PK] A/E design plans and award specifications	<input type="checkbox"/>					
[CONST_DOC_GEO_TECH_PK] Geo-technical report	<input type="checkbox"/>					
[CONST_DOC_TOP_SUR_PK] Site topographic surveys	<input type="checkbox"/>					
[CONST_DOC_ENV_ASS_PK] Environmental assessment	<input type="checkbox"/>					

[STKRCH_PK] Was/Will there be a stakeholder outreach plan and/or community relations program developed for the construction components on the sub-award?

- Yes
- No
- Don't know

[STKPRSN_PK] Were there/Will there be assigned community relations/outreach staff on the sub-award?

- Yes
- No
- Don't know

[REP_FREQ_PRIME_PK] What was/is the frequency of required sub-awardee reporting to the Prime Recipient?

- Weekly
- Monthly
- Quarterly
- Other, Specify _____
- Don't know/Not applicable

[REP_FREQ_SUP_ENG_PK] What was/is the frequency of required sub-awardee reporting to the supervising engineer?

- Weekly
- Monthly
- Quarterly
- Other, Specify _____
- Don't know/Not applicable

[PROG_REP_PK] What was/is required in progress reporting to the Prime Awardee? Select all that apply.

- Financial status (actual work done and its actual cost)
- Schedule status (actual work completed versus planned work)
- Health and safety record
- Non-compliance with award
- Potential delays and cost changes
- Claims status
- Issues for engineer determination
- Design issues and unforeseen conditions
- QA/QC procedures
- Forward reporting period work plan
- Other (specify): _____
- Don't know

[ENG_OVER_SUB] ENGINEERING OVERSIGHT_SUB-AWARDEE

[ENG_OVER_SAME] Was/Is engineering oversight from awardee to sub-awardee the same across all sub-awards?

- Yes
- No
- Don't know

Logic: If ENG_OVER_SAME = 'No' or 'DK', display ENG_APPROV_PK through SUP_CON_PK for each package iteration; else, ask ENG_APPROV_PK through SUP_REV_PK only once.

[ENG_APPROV_PK] What documents was/is the sub-awardee required to provide to the prime awardee for approval prior to construction. Check all that apply.

- Detailed Work Program with implementation schedule
- Health and Safety Plan
- Quality Assurance/Quality Control Plan
- Site-Specific Environmental Management Plan
- Methods and Materials Statement/Shop drawing
- Other (specify): _____
- None
- Don't know

NOTE: capture knowledge of the sub-awardee capacity

[DES_SUBOVR] Was the sub-awardee involved in engineering design?

- Yes
- No
- Don't know

LOGIC: If DES_SUBOVR = 'No' or 'DK' skip to CON_OVER_SAME

[DES_OVER_PK] Was/Is there engineering design oversight on the sub-award?

- Yes
- No
- Don't know

LOGIC: If DES_OVER_PK = 'No' or 'DK', skip to CON_OVER_SAME

[ENG_OVER_PK] Who provided/is providing the engineering design oversight? (Note: A licensed professional engineer is an engineer with an internationally recognized credential such as US professional engineer, UK chartered engineer, or other rigorous national accreditation.)

- US staff/consultant (non-engineer)
- US staff/consultant (engineer)
- US staff/consultant (professional licensed engineer)
- TCN staff/consultant (non-engineer)
- TCN staff/consultant (engineer)
- TCN staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (non-engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Other (specify): _____

[SUP_CON_PK] Was the supervising engineer on staff prior to construction award execution?

- Yes
- No
- Don't know

[CON_OVER_SAME] Was/Is construction oversight the same across all sub-awards?

- Yes
- No
- Don't know

Logic: If CON_OVER_SAME = 'No' or 'DK', display CON_OVER_PK through SITE_INSP_HOST_AE_PK for each package iteration; else, ask CON_OVER_PK through SITE_INSP_HOST_AE_PK only once.

[CON_OVER_PK] Who was/is the main provider of construction oversight? (Note: A licensed professional engineer is an engineer with an internationally recognized credential such as US professional engineer, UK chartered engineer, or other rigorous national accreditation.)

- US staff/consultant (non-engineer)
- US staff/consultant (engineer)
- US staff/consultant (professional licensed engineer)
- TCN staff/consultant (non-engineer)
- TCN staff/consultant (engineer)
- TCN staff/consultant (professional licensed engineer)
- HOST COUNTRY staff/consultant (non-engineer)
- HOST COUNTRY staff/consultant (engineer)
- HOST COUNTRY staff/consultant (professional licensed engineer)
- A&E firm (US)
- A&E firm (Host Country)
- A&E firm (Third Country National)
- Other (specify): _____

LOGIC: Options should be provided as drop-down menu.

Do any of the following individuals conduct construction site inspections? If so, please indicate how often (i.e. 1 time per week, 2 times per week, etc.) for the relevant type of inspector:

[SITE_INSP_US_PK] US Staff/Consultant

- Daily
- Once per week
- Twice per week
- Three times per week
- Bi-weekly
- Monthly

- Quarterly
- Other, please describe: _____
- Not Applicable

[SITE_INSP_TCN_PK] TCN Staff/Consultant

- Daily
- Once per week
- Twice per week
- Three times per week
- Bi-weekly
- Monthly
- Quarterly
- Other, please describe: _____
- Not Applicable

[SITE_INSP_HOST_STAFF_PK] HOST COUNTRY Staff/Consultant

- Daily
- Once per week
- Twice per week
- Three times per week
- Bi-weekly
- Monthly
- Quarterly
- Other, please describe: _____
- Not Applicable

[SITE_INSP_INT_AE_PK] International A&E Contractor

- Daily
- Once per week
- Twice per week

- Three times per week
- Bi-weekly
- Monthly
- Quarterly
- Other, please describe: _____
- Not Applicable

[SITE_INSP_HOST_AE_PK] HOST COUNTRY A&E Contractor

- Daily
- Once per week
- Twice per week
- Three times per week
- Bi-weekly
- Monthly
- Quarterly
- Other, please describe: _____
- Not Applicable

[MATL_TEST_PK] Which of the following describes material testing associated with this sub-award?

- Sub-award requirement; the sub-awardee provided material submittals and awardee confirms engineering oversight
- Awardee confirms that the sub-awardee conducted testing, but no sub-award requirements and no engineering oversight
- Awardee cannot confirm any testing was completed
- Other; please describe: _____
- Don't know/cannot answer; please explain: _____

[PROCURE_PK] Did the sub-award construction require materials procurement from outside the host country?

- Yes
- No
- Don't know

[SECINFRA_PK] Was the sub-award construction dependent on other infrastructure projects not funded by USAID?

- Yes
- No
- Don't know

[CAPACITY_BUILD_SUB] CAPACITY BUILDING

The following section discusses the capacity of the owner/operator of the structure(s) being constructed to assume ownership.

[CAP_ASSESS_SAME] Is there a common owner/operator of all the facilities?

- Yes
- No
- Don't know

Logic: If CAP_ASSESS_SAME = 'No' or 'DK', display the remaining questions in CAPACITY_BUILD_PK for each package iteration; else, ask the rest of the questions in CAPACITY_BUILD_PK only once.

[CAP_ASSESS_PK] Was a capacity assessment undertaken of the owner and/or operator of the structure being constructed?

- Yes, by Prime Recipient
- Yes, by USAID
- Yes, by others
- No; explain why not: _____
- Don't know

Logic: If CAP_ASSESS_PK = 'Yes, by Prime Recipient' or 'Yes, by USAID', go to ASSESS_OUTCOME_PK; else, skip to CON_TRAIN_PK

[ASSESS_OUTCOME_PK] What was the outcome of the assessment?

- Owner and/or operator had appropriate capacity
- Owner and/or operator did not have appropriate capacity
- Don't know

[CON_TRAIN_PK] Was/Will there be training provided to the owner and/or operator of the structure being constructed?

- Yes, by USAID; type of training provided: _____
- Yes, by Prime Recipient; type of training provided: _____
- No
- Don't know

[CAP_BUILD_PK] Was/Will there be capacity building for the owner and/or operator of the structure being constructed provided in a form other than training?

- Yes, by USAID; type(s) of capacity building provided: _____
- Yes, by Prime Recipient; type(s) of capacity building provided: _____
- No
- Don't know

[END]

Thank you for taking the time to complete the USAID construction assessment. If entry for the current sub-award is complete, select 'Finish Sub Award'. You will be directed to the homepage for sub-award entry. If this was the only sub-award in your portfolio, click on 'Go to Home' (at the upper right corner of the screen) to select the next award for entry.