

## Summarized Procurement Plan

(This is only a sample with the minimum content that is required to be included in the PAD. The detailed procurement plan is still mandatory for disclosure on the Bank's website in accordance with the guidelines. The initial procurement plan will cover the first 18 months of the project and then updated annually or earlier as necessary).

### I. General

1. **Bank's approval Date of the procurement Plan:** March 2019
2. **Date of General Procurement Notice:** March 2019
3. **Period covered by this procurement plan:** *for the whole project*

### II. Goods and Works and non-consulting services.

1. **Prior Review Threshold:** Procurement Decisions subject to Prior Review by the Bank as stated in Appendix 1 to the Guidelines for Procurement: Procurement Risk Rating- **Substantial**

	Procurement Method	Prior Review Threshold US\$	Comments
1.	ICB and LIB (Goods)	<i>Above US\$ 3 million</i>	<i>No package available</i>
2.	NCB (Goods)	<i>Above US\$ 2 million</i>	<i>No package available</i>
3.	ICB (Works)	<i>Above US\$ 20 million</i>	<i>No package available</i>
4.	NCB (Works)	<i>Above US\$ 10 million</i>	<i>No package available</i>
5.	Shopping for Works ( <i>Below US\$ 200,000</i> )	<i>None</i>	
6.	Shopping for Goods ( <i>Below US\$ 100,000</i> )	<i>None</i>	

2. **Prequalification.** Bidders for *Not applicable* shall be prequalified in accordance with the provisions of paragraphs 2.9 and 2.10 of the Guidelines.
3. **Proposed Procedures for CDD Components (as per paragraph. 3.17 of the Guidelines:** *not applicable*
4. **Reference to (if any) Project Operational/Procurement Manual:** *Project Implementation Manual for World Bank Trust Fund P152232 issued on 2019 by the PMU at DCC*
5. **Any Other Special Procurement Arrangements:** *[not applicable]*
6. **Summary of the Procurement Packages planned during the first 18 months after project effectiveness ( including those that are subject to retroactive financing and advanced procurement)**

1	2	3	4	5	6	7
Ref. No.	Description	Estimated Cost US\$ million	Packages	Domestic Preference (yes/no)	Review by Bank (Prior / Post)	Comments
	Summary of the ICB (Works)	0	0	No	N/A	
	Summary of the ICB (Goods)	0	0	No	N/A	
	Summary of the NCB (Works)	0	0	No	N/A	
	Summary of the NCB (Goods)	0.85	2	No	Post	
	Summary of the ICB (Non-Consultant Services)	0	0	No	N/A	

### III. Selection of Consultants

- Prior Review Threshold:** Selection decisions subject to Prior Review by Bank as stated in Appendix 1 to the Guidelines Selection and Employment of Consultants:

	Selection Method	Prior Review Threshold	Comments
1.	Competitive Methods (Firms)	Above US\$ 1 million	QCBS & QBS & FBS
2.	Single Source (Firms)	Above US\$ 1 million	SSS
3.	Individual including Direct selection	Above US\$ 300,000	IC

- Short list comprising entirely of national consultants:** Short list of consultants for services, estimated to cost less than US\$ 300,000 equivalent per contract, may comprise entirely of national consultants in accordance with the provisions of paragraph 2.7 of the Consultant Guidelines.
- Any Other Special Selection Arrangements:** *not applicable*
- Consultancy Assignments with Selection Methods and Time Schedule**

1	2	3	4	5	6
Ref. No.	Description of Assignment	Estimated Cost US\$ million	Packages	Review by Bank (Prior / Post)	Comments
	Summary of number of	0	0	Prior	QCBS & FBS

	contracts that will be let under QCBS				
	Summary of number of contracts that will be let under QBS	<i>0</i>	<i>0</i>	<i>Prior</i>	<i>QBS</i>
	Summary of number of contracts that will be let under other methods for firms	<i>0.32</i>	<i>5</i>	<i>Post</i>	<i>CQS</i>
	Summary of number of contracts with Individuals	<i>TBD</i>	<i>10</i>	<i>Post</i>	<i>IC</i>



C2-CSF1 / Consultant for review of eligibility of enterprises and sub-project appraisal in foam, refrigeration and air conditioning sectors.	TF / AR361	Component 2: Technical Assistance and Policy Actions	Post	Consultant Qualification Selection	Open - National		92,000.00	90,099.90	Signed	2019-07-23	2019-07-31	2019-08-13	2019-09-26	2019-08-28							2019-10-26	2019-09-13	2019-11-30	2019-09-26	2020-05-28
C2-CSF2 / C2-CSF2: Consultant to support participating enterprises in preparation and implementation of sub-projects in Refrigeration manufacturing, Foam and Air conditioning sectors	TF / AR361	Component 2: Technical Assistance and Policy Actions	Post	Consultant Qualification Selection	Open - National		128,000.00	125,788.94	Signed	2019-07-23	2019-07-31	2019-08-13	2019-09-26	2019-10-17							2019-10-26	2019-11-11	2019-11-30	2019-11-12	2020-05-28

**INDIVIDUAL CONSULTANTS**

Activity Reference No. / Description	Loan / Credit No.	Component	Review Type	Method	Market Approach	Contract Type	Estimated Amount (US\$)	Actual Amount (US\$)	Process Status	Terms of Reference		Invitation to Identified/Selected Consultant		Draft Negotiated Contract		Signed Contract		Contract Completion	
										Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual	Planned	Actual
C3-IC4 / PMU Staff - procurement Consultant	TF / AR361	Component 3: Project Management	Prior	Individual Consultant Selection	Open		82,500.00	1,483.00	Signed	2019-04-10		2019-05-25	2019-07-09	2019-06-15	2019-08-05	2019-07-20	2019-08-15	2023-12-31	
C3-IC1 / Hiring PMU Staff -Project Coordinator	TF / AR361	Component 3: Project Management	Post	Individual Consultant Selection	Open		151,800.00	151,800.00	Signed	2019-04-10	2019-04-10	2019-05-25	2019-05-20	2019-06-15	2019-05-21	2019-07-20	2019-06-03	2023-12-31	
C3-IC2 / Hiring PMU Staff - Technical Consultant	TF / AR361	Component 3: Project Management	Post	Individual Consultant Selection	Open		125,400.00	125,400.00	Signed	2019-04-15	2019-04-10	2019-05-30	2019-05-21	2019-06-20	2019-05-21	2019-07-25	2019-06-03	2023-12-31	
C3-IC3 / PMU Staff - Project Monitoring Consultant	TF / AR361	Component 3: Project Management	Post	Individual Consultant Selection	Open		82,500.00	82,500.00	Signed	2019-04-10	2019-04-10	2019-05-25	2019-05-22	2019-06-15	2019-05-22	2019-07-20	2019-07-01	2023-12-31	
C3-IC5 / PMU Staff - Accountant cum administrative Consultant	TF / AR361	Component 3: Project Management	Post	Individual Consultant Selection	Open		92,400.00	92,400.00	Signed	2019-04-10	2019-04-10	2019-05-25	2019-07-09	2019-06-15	2019-05-21	2019-07-20	2019-06-03	2023-12-27	
C1-IC2 / Individual Consultant for assistance in selection and distribution tool kits to vocational center/schools and servicing shops for estimated 3 man-month	TF / AR361	Component 1: HCFC Consumption Reduction	Post	Individual Consultant Selection	Open		15,000.00	14,784.94	Signed	2019-05-15	2019-09-13	2019-07-03	2019-11-15	2019-07-24	2019-11-15	2019-06-28	2019-11-18	2021-12-31	
C2-IC1 / Individual Consultant for development of training curriculum on R&AC using flammable refrigerants for estimated 3 man-month	TF / AR361	Component 2: Technical Assistance and Policy Actions	Post	Individual Consultant Selection	Open		15,000.00	14,799.03	Signed	2019-06-25	2019-09-13	2019-08-13	2019-11-11	2019-09-03	2019-11-11	2019-10-08	2019-11-18	2021-12-31	
C2-IC2 / Individual Consultant for HCFC consumption verification for estimated 8 man-month	TF / AR361	Component 2: Technical Assistance and Policy Actions	Post	Individual Consultant Selection	Open		20,000.00	19,769.60	Signed	2019-06-10	2019-08-09	2019-07-29	2019-08-26	2019-08-19	2019-08-26	2019-09-23	2019-08-26	2022-12-31	
C2-IC3 / Individual Consultant for Development of national standard for foam production using flammable blowing agents for estimated 6 man-month	TF / AR361	Component 2: Technical Assistance and Policy Actions	Post	Individual Consultant Selection	Open		18,000.00	17,793.88	Signed	2019-09-10	2019-10-10	2019-10-29	2019-12-13	2019-11-19	2019-12-13	2019-12-24	2019-12-13	2021-12-31	

C1-IC1 / To develop training material and provide training for about 60 trainers on good practice to handle HCFC, new and flammable refrigerants; HCFC R&R; conversion HCFC based refrigeration system to non-HCFC system.	TF / AR361	Component 1: HCFC Consumption Reduction	Post	Individual Consultant Selection	Open		25,000.00	24,641.56	Signed	2019-08-15	2019-09-13	2019-10-03	2019-11-04	2019-10-24	2019-11-04	2019-11-28	2019-11-04	2022-01-10
C1-IC3 / To evaluate the leakage management activities and energy efficiency options at industrial refrigeration end users	TF / AR361	Component 1: HCFC Consumption Reduction	Post	Individual Consultant Selection	Open		34,000.00	33,512.53	Signed	2019-08-05	2019-07-31	2019-09-23	2019-09-19	2019-10-14	2019-09-19	2019-11-18	2019-09-26	2022-12-31
C3 - IC6 / Consultant for the survey of the potential eligible enterprises for participation in technology conversion to phase out HCFC-141b pre-blended polyol in the foam sector	TF / AR361	Component 3: Project Management	Post	Individual Consultant Selection	Open		7,500.00	0.00	Pending Implementation	2020-08-04		2020-09-22		2020-10-13		2020-11-17		2021-11-12
C3 - IC7 / Consultant for the survey of the potential eligible enterprises for participation in technology conversion to phase out HCFC-22 in the refrigeration sector	TF / AR361	Component 3: Project Management	Post	Individual Consultant Selection	Open		7,500.00	0.00	Pending Implementation	2020-08-04		2020-09-22		2020-10-13		2020-11-17		2021-11-12