

**Tender Document for Prequalification of Suppliers/ Vendors**  
**Supply of Assorted Equipment and Tools**

Prequalification Number:	PYWD/Prog/004
Prequalification issued by:	Louis Berger – Punjab Youth Workforce Development Project
RFP Issuance Date:	February 12, 2018
Last date for Questions:	February 28, 2018
Last date for submission of Proposal/ Quotation:	1700 Hours, March 05, 2018
Address for submission of Proposals/ Quotations:	The Award Committee Louis Berger – Punjab Youth Workforce Development Project House 164-A, Ahmed Block, New Garden Town, Lahore
For additional information/ questioning/ clarification:	Mr. Zeeshan Lodhi, Procurement Specialist Email: <a href="mailto:ZLodhi@louisberger.com">ZLodhi@louisberger.com</a>

**Tender Document for Prequalification of Suppliers/ Vendors**  
**RFP Number: PYWD/Prog/004**

Dear Applicants/ Bidders,

Louis Berger has been awarded Punjab Youth Workforce Development (PYWD) Project by United States Agency for International Development (USAID). PYWD Project aims to train and provide employment for youth, currently in Multan, Lodhran, Muzaffargarh and Bahawalpur districts of Punjab. With head office in Lahore, the PYWD project, is being implemented with the assistance of its two Subcontractors Institute of Rural Management and Fincon Services (Pvt.) Limited. In addition, the project is being executed in coordination with public and private institutions, who are providing vocational training and create employment opportunities for youth in focus districts of Punjab; building capacity of youth-serving institutions for skill training and mobilize local communities for youth development. The PYWD project also supports the overarching goals of Punjab Youth Policy.

Louis Berger PYWD Project welcomes the submission of proposals for prequalification of vendors and suppliers of equipment, on DDP basis Project location, as per the items specified in Section 3 of this prequalification document. The project anticipates awarding Fixed Price Subcontracts/ Purchase Orders after evaluation of proposals/ quotation on criteria given in Section 4. The project will retain the provided information in its record and may also solicit revised/ additional quotations from shortlisted vendors/ suppliers. This Prequalification document is comprised of five (5) sections as listed below:

- Section 1: Summary Information
- Section 2: Instructions to the bidder/ offerors
- Section 3: Scope of Work
- Section 4: Evaluation Criteria and Process
- Section 5: Required Certifications

This Prequalification process does not constitute an award commitment on the part of Louis Berger, PYWD Project, its Subcontractors, USAID and/or any other organization or associated agency. Louis Berger PYWD Project reserves the right to accept or reject any bid, and to cancel the prequalification and bidding process at any stage and/or reject all bids at any time prior to award, without thereby incurring any liability to bidders or any obligation to inform bidders of the grounds for such action. Louis Berger PYWD Project will not pay for any costs incurred in the preparation or submission of a proposals or quotations. Due to shortage of processing and implementation time, only shortlisted entities will be contacted for final selection.

Requests for additional information, clarifications or other questions must be submitted in writing to Procurement Specialist, Mr. Zeeshan Lodhi (through email [ZLodhi@louisberger.com](mailto:ZLodhi@louisberger.com)) by close of business February 28, 2018, in accordance with Section 2 of this document. The quotations/ proposal should be submitted in accordance with the instructions set forth in Paragraph 2.7 of Section 2 of this RFP by 1700 hours March 05, 2018.

The Project look forward for making award(s) to the most advantageous offer and individual enquiries may not be entertained for determination of status of applications and feedback on the process.

Best Regards

The Awards Committee  
Louis Berger – PYWD Project  
House 164-A, Ahmed Block  
New Garden Town, Lahore

## SECTION 1 - SUMMARY INFORMATION

### 1.1 Prequalification Document Issued By:

This prequalification document has been issued by Louis Berger. Louis Berger has been awarded Punjab Youth Workforce Development (PYWD) Project by United States Agency for International Development (USAID). PYWD Project aims to train and provide employment for youth, currently in Multan, Lodhran, Muzaffargarh and Bahawalpur districts of Punjab. With head office in Lahore, the PYWD project, is being implemented with the assistance of its two Subcontractors Institute of Rural Management (IRM) and Fincon Services (Pvt.) Limited. In addition, the project is being executed in coordination with public and private institutions, who are providing technical and vocational training and create employment opportunities for youth in focus districts of Punjab; building the capacity of youth-serving institutions for skill training and mobilize local communities for youth development. The PYWD project also supports the overarching goals of Punjab Youth Policy.

### 1.2 Activity Objective:

This prequalification tendering is being done to solicit Proposals/ Quotations from vendors/ suppliers, for procurement of various items, on DDP basis – Project Location. In addition, the PYWD Project intends to develop & maintain its qualified/eligible suppliers' database and to invite quotations/ proposals in future for items specified in Section 3 of this document.

The purchase order will be awarded by the Louis Berger or its Subcontractors based on the recommendations of Award Committee – PYWD Project. The Award Committee of PYWD Project will recommend award of Subcontracts and/or Purchase Orders based on competition among the qualified vendors. The Award Committee may also suggest undertaking Limited Competition among the suppliers/ vendors/ bidder's or solicit revised quotations, as required by the circumstances.

Please note that the terms "DDP", used in this document should be read and understood as defined by the Incoterms 2010 by the International Chamber of Commerce Official Rules for the interpretation of trade terms. The term eligible/ qualified vendors/ suppliers refer to firm/ organizations, legally registered to undertake the business and are registered with tax authorities of Pakistan. The specifications of required items, their current quantities for immediate procurement and required delivery details are listed in Section 3 of this Prequalification Tender Document.

### 1.3 RFP Number: PYWD/Prog/004

While making any correspondence or submission of any proposal/ quotation in response to this Prequalification Tender Document, please mention the given RFP number for reference.

### 1.4 Questions or Requests for Additional Information/ Clarifications:

Questions, requests for additional information, clarifications must be submitted in writing through email to Procurement Specialist, Mr. Zeeshan Lodhi (Email: [zlodhi@louisberger.com](mailto:zlodhi@louisberger.com)). Verbal requests/ telephone calls will **NOT** be entertained. The closing date for questions is Wednesday, February 28, 2018.

### 1.5 Last date for submission of Proposals/Quotations:

Last date of the submission of quotations/ proposals is Monday, March 05, 2018 by 1700 hours Pakistan Standard Time (PST). The proposals should be addressed to The Award Committee - PYWD Project. The proposals are required to be received at the address mentioned below:

The Award Committee  
Louis Berger  
Punjab Youth Workforce Development (PYWD) Project  
House 164-A, Ahmed Block,  
New Garden Town, Lahore

PYWD Project Award Committee reserves the rights to reject any or all submitted proposals at its discretion and is under no obligation to issue an award. Similarly, the issuing authority may cancel the bidding process and reject all bids at any time prior to award, without thereby incurring any liability to bidders/ applicants or any obligation to inform bidders/ applicants of the grounds for such action.

**1.6 Amendment of Prequalification Tender Document:**

The Award Committee - PYWD Project reserves the right to amend this Prequalification document upon written notice to bidders/applicants and/or through advertisement on website [www.brightspyre.com](http://www.brightspyre.com)

Louis Berger reserve the right to increase or decrease the quantity of required items any time before the award of subcontract/ purchase order to the successful bidders/ vendors.

**1.7 Award of Purchase Order/ Subcontract:**

After completing the prequalification process by PYWD Project, Louis Berger or Institute of Rural Management (IRM) shall award the Purchase Order/ Subcontract for the Supply of goods/ services at specific project location(s), on recommendations of PYWD Project Award Committee. The basis of Award shall be as under:

- (A) The PYWD Award Committee may recommend awarding a subcontract based on initial offers received without discussions. Therefore, each initial offer should contain the Offeror's/ bidder's best terms from the cost/price and technical standpoint. It is intended that in project's life, the Award Committee will use this prequalification process for recommendation to award of Purchase Orders/ Subcontracts for the items specified in Section 3 of this document.
- (B) The Awarding Agency will base the potential award of a Subcontract/ Purchase Order resulting from this solicitation to the responsible Offeror/ bidder whose offer conforming to the solicitation which is most advantageous to the project, considering cost/ price or other factors considered, as detailed in this Prequalification Tender Document. The selection criteria are given in Section 4 and associated covenants/ requirements are mentioned in Section 2 of this document.
- (C) Prior to get into the award process, the Awarding Agency may seek additional information and complete necessary Administrative Procedures. The Award Process is subject to compliance of Tax Laws of Islamic Republic of Pakistan, regulation of USAID, procurement rules and necessary approvals from competent authorities.
- (D) This solicitation does not commit Louis Berger, IRM, PYWD Project, USAID or any associated agency/ partner organization to make a contract award. The Award Committee of PYWD Project may (a) reject any or all offers, (b) accept other than the lowest offer, and (c) waive informalities or irregularities in offers received.

## SECTION 2: INSTRUCTIONS TO THE BIDDER/ OFFERORS

### 2.1 General:

Eligible offerors are invited to submit proposals are under no obligation to do so. Offerors/bidders will **NOT** be reimbursed for any costs incurred in connection with the preparation and submission of their proposals/quotations. PYWD Project - Award Committee looks forward making an award to the most advantageous offer and due to shortage of processing and implementation time, only shortlisted entities may be contacted for final selection. Individual enquiries will not be entertained for determination of status of applications.

### 2.2 Type of Award:

PYWD Project Award Committee contemplates awarding **Fixed Price** subcontract(s)/ Purchase Order(s) through this prequalification process. Payments terms may be decided after negotiation with the shortlisted firm/ offeror/ bidder.

The Offeror shall follow the instructions contained herein and supply all information as required. Failure to furnish all information requested may disqualify a proposal/ quotation. A responsive proposal/ quotation is one that fully complies with all terms and conditions of the prequalification document without modification. Incomplete Proposals/ Quotations will not be considered for further processing.

### 2.3 Receipt of Proposal and Acceptance Period:

Proposals must be received by Monday, March 05, 2018, 1700 hours Pakistan Standard Times (PST). The proposals/ quotation should be submitted in hard and soft copy after signatures of authorized signatory and company seal of the applicant. Proposals/ quotations without bid bond, as stated in paragraph 2.7.4, will not be considered for further processing.

Digital/ Soft copy of the proposals should also be attached with the hard copy using portable Universal Serial Bus (USB)/ flash drive. The digital copy of the financial proposal/ quotation should be submitted in MS-Excel file format for analytical and comparison purposes. Soft copy of the format for Financial Proposal/ quotation can be sought from Mr. Zeeshan Lodhi, the Procurement Specialist through email: [Zlodhi@louisberger.com](mailto:Zlodhi@louisberger.com). Other than financial offer, the documents can be provided in MS Word, PDF or JPEG format.

The proposal/ Quotation package should be submitted in sealed envelope stating the RFP number, in bold. The proposals must remain available for acceptance by the Award committee for a minimum of one hundred and eighty (180) calendar days after the closing date of this Prequalification document. Particularly, the quoted price should remain valid for at least 150 days. The Award Committee may seek revised proposals/ quotations from the shortlisted offeror/ vendors.

### 2.4 Preparation of Proposals

The offeror/ bidder may submit proposal/ quotation for one or all categories of items, required in Section 3. All sections of the proposal should be completed in accordance with paragraph 2.7 of Section 2 of this document. Documentation must be typewritten in English, and signed by an individual authorized to commit an offer on behalf of your firm/ company. The completed forms shall have no erasures except those necessary to correct errors made by the Offeror, in which case such corrections shall be initialed by the person or persons signing the offer.

## **2.5 Source and Nationality Requirements:**

All goods and services offered in response to this advertisement are to be quoted and supplied, must meet USAID Geographic Code 937 in accordance with the United States Code of Federal Regulations (CFR), 22 CFR §228. The cooperating country for this procurement is 'Pakistan'. Please fill and attach the Geographic Location compliance sheet (format given in Section 5) with the technical proposal after signatures and company seal. Attachment to the compliance sheet with the proposal is mandatory.

In addition, offerors/ bidders may not offer or supply any commodities or services that are manufactured or assembled in, shipped from, transported through, or otherwise involving any of the following countries: **Burma (Myanmar), Cuba, Iran, North Korea, (North) Sudan, Syria.**

## **2.6 Arbitration and Grievance Resolution:**

The Chief of Party (COP) of Punjab Youth Workforce Development Project will be the final authority and sole for arbitration. Any grievance or complaint regarding procurement process or decision should be addressed to the COP – PYWD Project.

## **2.7 The Proposal/ Quotation:**

The Proposal should be in the English language, typed, on white paper, single-spaced, with each page numbered consecutively. The below mentioned requirements are meant to have a complete picture of the applicant organization. Please use additional documents/ information, as you feel necessary and relevant.

A standard proposal package should comprise of following:

- A. Cover Letter
- B. The profile of the firm/ company
- C. Technical proposal
- D. Financial proposal/ quotation based on price of single unit.
- E. Required Certifications, as given in Section 5

The detail of each section of the proposal is given below:

### **2.7.1 Cover Letter**

The cover letter should be written on the letterhead of the firm/ company and it should:

1. State that the proposal is made to The Award Committee, PYWD Project.
2. State the Solicitation number for reference.
3. Furnish contact details of the company and contact person. This information should include full legal name, address, telephone & fax number, email of the organization, and the date of submission.
4. Category Name, for which proposal/ quotation is being submitted.
5. Contact detail of focal person for the proposal.

### **2.7.2 The profile of the Firm/ Company:**

The profile of the company should include but not limited to:

- List of office and branch offices, if any
- Accreditation and affiliations with other companies/ organizations, if any
- After sales service facilities and technical support.
- Past Performance Information: List up to 3 of the most relevant contracts for efforts similar to the work in the subject proposal. Please also mention the rupees value of such supplies, year of execution of the contract, name and contact details of the clients. Checks may be undertaken at any time, at the discretion of Awards Committee.

- Undertaking by the applicant that organization has never been black-listed, nationally or internationally for undertaking any procurement by Public or Private organization.
- Registration status with the Income Tax and Sales Tax authorities. Please also attach PNTN, if registered in Punjab Tax Authorities, copy of NTN and GST.

### **2.7.3 Technical Proposal:**

The technical proposal should provide brief description of how the agency will approach and complete the supply and delivery of the item(s) in stated locations of Southern Punjab. The scope of work and detail of required items are outlined in Section 3 of this document. Offerors/bidders are encouraged to suggest details, and if appropriate, offer alternative and/or additional suggestions. The offerors are also encouraged to include brochure, catalogs and pamphlets of proposed equipment/ machine/ items, as relevant.

Where possible, the items must be proposed with their make, model, country of origin, availability of parts and service warranty, availability of after sale services, and suitability of those items with local environment. The technical proposal should also include detailed technical specifications, list of auxiliary parts and standard accessories to make equipment complete and operable in field for intended use. The proposal may also incorporate optional parts/ items to increase the effectiveness and broaden its utility for other functions.

The delivery of these items is required in different location of four districts of Southern Punjab. These districts are Multan, Muzaffargarh, Bahawalpur and Lodhran. The Technical proposal should also specify the expected delivery/ lead time of supply.

### **2.7.4 Financial Proposal**

Soft copy of the format for Financial Proposal/ quotation can be sought from the Procurement Specialist, Mr. Zeeshan Lodhi at email: [Zlodhi@louisberger.com](mailto:Zlodhi@louisberger.com).

The Offeror are requested to:

- Prepare financial proposal (Quotation) in Pakistani Rupees.
- Quote prices that must be valid for at least 150 (one hundred and fifty) days from the last date of submission of proposal.
- Mention the GST amount separately.
- Undertake that applicable penalty by tax authorities shall be paid by your company, in case your company is not registered with the GST authorities.
- Please quote the prices on DDP basis Project locations i.e. Multan/ Bahawalpur/ Lodhran and Muzaffargarh.
- Bid bond is required for submission of quotation. The bidders/ applicants will be liable to submit the bid security in form of call deposit, equivalent to 1% of the total quoted price.
- Undertake to furnish the performance bond, if necessary, relevant and required, before issuance of subcontract/ purchase order.

PYWD Project is funded by USAID under Pakistan Enhanced Partnership Agreement (PEPA) between the United States of America and Islamic Republic of Pakistan. Therefore, the bidder must include GST in their financial bid separately. Later successful bidder will provide GST Invoice (Advance Copy) for which PYWD Project will provide the appropriate GST exemption document through Economic Affairs Division to the successful Bidder.

Louis Berger - Award Committee intend to award a subcontract based on offers received without further discussions. Therefore, each offer should contain the Offeror's/ bidder's best terms from the cost or price and technical standpoint.

#### **2.7.5 Required Certifications**

The bidders/ offerors are required to attach the certifications given in section 5 of this RFP with their proposal after signatures and stamp of the company.

#### **2.8 Important Note:**

In cooperation with the Office of the Inspector General, USAID/Pakistan established the "Anti-Fraud Hotline" to provide an avenue for the reporting of fraud, waste, and abuse potentially associated with USAID-funded projects in Pakistan. The Anti-Fraud Hotline handles complaints with complete confidentiality and individuals are encouraged to report when corruption, fraud, waste or abuse may exist in the USAID/Pakistan activities. Reports can be filed anonymously via the easy-to-use Hotline (toll free number 0800 84700); e-mail at [complaints@antifraudhotline.com](mailto:complaints@antifraudhotline.com); fax at 021-35390410; postal address at 5-C, 2nd Floor Khayban-e-Ittehad, Phase VII, DHA, Karachi, Pakistan; and on the website [www.anti-fraudhotline.com](http://www.anti-fraudhotline.com).



## **SECTION 3: SCOPE OF WORK**

### **3.1 Responsibility of Successful Supplier/ Vendor:**

The selected vendor(s) of this solicitation will be responsible for supply of items including unloading, at specific delivery locations. In addition, the supplier will be responsible for packing, coordination in inspection and providing signed & stamped valid warranty cards, user manuals, as relevant and available. The details are given as under:

#### **3.1.1 Packing and Transportation:**

All Equipment shall be individually packed in standard packing provided by the manufacturer for safe transportation and delivery. Any item damaged during transportation will be replaced by the bidders at their own cost.

#### **3.1.2 Technical / User Manual /Publication:**

Successful vendor(s) will be bound to provide subject material to technical and User manual at the time of delivery.

#### **3.1.3 Tool Kits/Accessories:**

Standard sets of General Tool kit/ accessories supplied with equipment shall be supplied by the seller along with the equipment (where applicable) within the quoted cost of the main equipment.

#### **3.1.4 Inspection and Testing:**

PYWD Project will inspect the items as per quoted specifications at the time of delivery. PYWD Project reserves the right to carry out necessary testing of equipment and render a certificate of correctness. The vendor/ supplier will be required to cooperate in inspection and testing process.

#### **3.1.5 Warranty:**

Wherever applicable, standard warranty service and repair within Pakistan is required under this procurement. The warranty coverage must be valid on all commodities for a minimum of twelve (12) months after successful supply, installation and commissioning of the equipment. The suppliers will provide signed and stamped warranty cards, where applicable to do so.

### **3.2 Ordered Quantity:**

The Awarding Agency shall have the right to decrease or increase the quantity of units required at the time of issuance of purchase order/contract after due consideration of bid prices, delivery time, warranty and payment terms. The unit price of the items will not be change with change in number. If required, the Awarding Agency may place a repeat order (at previous or revised rates and conditions) for the supply of subject item(s), during project period.

### **3.3 Delivery Locations:**

The Project locations are four districts of Southern Punjab. The current project districts are Multan, Muzaffargarh, Lodhran and Bahawalpur. The Purchase Order will specify the quantity and respective place of delivery.

### **3.4 Categories of Required Items:**

Through this RFP document, required items are classified in different categories. The offeror/ bidders may submit quotation/ proposal for one or more number of the categories, mentioned hereunder:

<b>Item Category</b>	<b>Description of Item</b>	<b>Details Given As</b>
Category 1	Equipment for Dress Making	10 items, Annex E
Category 2	Equipment for Embroidery	3 items, Annex F
Category 3	Equipment for Beautician	24 items, Annex G
Category 4	Equipment for HVACR	59 items, Annex H
Category 5	Equipment for Repair and Maintenance of Electrical Home Appliances	18 items, Annex I
Category 6	Equipment for Motorcycle Mechanic	13 items, Annex J
Category 7	Furniture & Fixture	26 items, Annex K
Category 8	Supply and Installation of Solar System	2 Locations, Annex L
Category 9	IT Equipment	21 items, Annex M
Category 10	Electronic Equipment and Appliances	31 items, Annex N

## SECTION 4: EVALUATION CRITERIA

Evaluation criteria for selecting the successful Company/ Firm will include both technical and cost considerations consistent with the scope of work. The Awards Committee of PYWD project will assess and evaluate the proposals. The relative weight accorded to each criterion is expressed in points with maximum 100 in total.

The Proposals received for categories 1 to 7, both inclusive will be evaluated using the following evaluation criteria:

#	Selection Criteria	Maximum score
1.	<b>Technical Specifications:</b> The proposal should mention detailed technical specifications of the items, for which quotation is being submitted. The quoted equipment must be stated with their country of origin, make, model, etc., as appropriate	15
2.	<b>Capabilities and Relevant Experience:</b> The profile of the applicant organization should demonstrate capabilities and experience in supply of similar items. Please see Section 2.7.2 above	10
3.	<b>Delivery Period:</b> Please specify the Delivery Period in Calendar days at specific location.	15
4.	<b>Financial (Price) &amp; Price Validity:</b> The prices must be quoted in PKR. GST should be specified separately. Bid validity of should not be less than 150 calendar days Proposals without 1% bid bond shall not be considered.	60
<b>Total Score</b>		<b>100</b>

The Proposals received for categories 8, 9 and 10 will be evaluated using the following evaluation criteria:

#	Selection Criteria	Maximum score
1.	<b>Technical Specifications:</b> The proposal should mention detailed technical specifications of the items, for which quotation is being submitted. The quoted equipment must be stated with their country of origin, make, model, etc., as appropriate	25
2.	<b>Warranty and After Sales Services.</b> The vendor must state the warranty period, availability of parts and available after sales services.	10
3.	<b>Delivery Period:</b> Please specify the Delivery Period in Calendar days at specific location.	10
4.	<b>Capabilities and Relevant Experience:</b> The profile of the applicant organization should demonstrate capabilities and experience in supply of similar items. Please see Section 2.7.2 above	15
5.	<b>Financial (Price) &amp; Price Validity:</b> The prices must be quoted in PKR. GST should be specified separately. Bid validity of should not be less than 150 calendar days Proposals without 1% bid bond shall not be considered.	40
<b>Total Score</b>		<b>100</b>

## **Key Points in evaluation of Proposals:**

- 4.1 To assist in the evaluation of proposals, the Award Committee may, at its discretion, ask any applicant for a clarification of its proposal which shall be submitted within a stated reasonable period of time. Any request for clarification and all clarifications shall be in writing. If applicant does not provide clarifications of the information requested by the date and time set in Louis Berger's request for clarification, its proposal may be rejected.
- 4.2 Section 3 of this RFP provides guidance to offerors/ bidders concerning the documentation necessary to conduct an informed evaluation of each Bid. The bidders must furnish adequate and specific information in the proposals. A proposal may be eliminated from further consideration before a detailed evaluation is performed if the proposal is considered obviously deficient as to be totally unacceptable on its face or which prices are inordinately high or unrealistically low.
- 4.3 Louis Berger shall use all the factors, methods and criteria defined in the evaluation criteria to evaluate the bids of the Bidders and any specialist subcontractors. Louis Berger reserves the right to waive minor deviations in the evaluation criteria if they do not materially affect the capability of a Bidder to perform the contract.
- 4.4 The Award Committee reserves the right to award a contract under this RFP based on initial offers without discussions. Similarly, the committee also reserves the right to accept or reject one or all proposals received against this RFP.
- 4.5 Bidders shall not have a conflict of interest. Bidders shall be considered to have a conflict of interest, if they participated as a consultant in the preparation of the design or technical specifications of the works that are the subject of this solicitation. Where a firm, or a firm from the same economic or financial group, in addition to consulting, also has the capability to manufacture or supply goods or to construct works, that firm, or a firm from the same economic or financial group, cannot normally be a supplier of goods or works, if it provided consulting services for the contract corresponding to this solicitation, unless it can be demonstrated that there is not a significant degree of common ownership, influence or control.
- 4.6 Louis Berger requires that Suppliers, Contractors, and Consultants observe the highest standard of ethics during the procurement and execution of such contracts. In pursuit of this policy, Louis Berger:
  - (a) Defines, for the purposes of this provision, the terms set forth below as follows:
    - (i) "corrupt practice" means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution; and
    - (ii) "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practices among Bidders (prior to or after bid submission) designed to establish bid prices/ proposal at artificial, non-competitive levels and to deprive the borrower of the benefits of free and open competition;
  - (b) Will reject a Bid/ proposal for award if it determines that the Bidder recommended for award has engaged in corrupt or fraudulent practices in competing for the Contract; and
  - (c) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a subcontract if it at any time determines that the firm has engaged in

corrupt or fraudulent practices in competing for, or in executing, a Louis Berger financed contract.

- 4.7 Any attempt by a Bidder to influence Louis Berger's representatives in the evaluation of the bids or contract award decisions may result in the rejection of its bid/ proposal.

## **SECTION 5: REQUIRED CERTIFICATIONS**

Following certificates need to be signed by all applicants. These certifications are integral part of the proposal. Please print the below certificates and send back to us with your proposal after signature and stamp on each certificate. These certificates are:

- ✓ Certification Regarding Terrorist Financing
- ✓ Narcotics offenses and drug trafficking- key individual certification
- ✓ Narcotics offenses and drug trafficking - participant certification
- ✓ Certification regarding debarment, suspension, ineligibility and voluntary exclusion lower tier covered transactions
- ✓ Source and Nationality Compliance Form

### **Certification Regarding Terrorist Financing Implementing E.O. 13224**

USAID requires that recipients sign the certification below as a prerequisite to receiving a grant from a U.S. Government source. By signing and submitting this application, the prospective recipient provides the certification set out below:

1. The Recipient has not provided, and will take all reasonable steps to ensure that it does not and will not knowingly provide, material support or resources to any individual or entity that commits, attempts to commit, advocates, facilitates, or participates in terrorist acts, or has committed, attempted to commit, facilitated, or participated in terrorist acts.

2. Specifically, in order to comply with its obligations under paragraph 1, the Recipient will take the following steps:

- a. Before providing any material support or resources to an individual or entity, the Recipient will verify that the individual or entity does not appear (i) on the master list of Specially Designated Nationals and Blocked Persons, which list is maintained by the U.S. Treasury's Office of Foreign Assets Control (OFAC) and is available online at OFAC's website : <http://www.treas.gov/offices/eotffc/ofac/sdn/t11sdn.pdf> , or (ii) on any supplementary list of prohibited individuals or entities that may be provided by USAID to the Recipient. The Recipient also will verify that the individual or entity has not been designated by the United Nations Security (UNSC) sanctions committee established under UNSC Resolution 1267 (1999) (the "1267 Committee") [individuals and entities linked to the Taliban, Usama bin Laden, or the Al Qaida Organization]. To determine whether there has been a published designation of an individual or entity by the 1267 Committee, the Recipient should refer to the consolidated list available online at the Committee's website: <http://www.un.org/Docs/sc/committees/1267/1267ListEng.htm> .
- b. Before providing any material support or resources to an individual or entity, the Recipient will consider all information about that individual or entity of which it is aware or that is available to the public.
- c. The Recipient will implement reasonable monitoring and oversight procedures to safeguard against assistance being diverted to support terrorist activity.

3. For purposes of this Certification-

- a. "Material support and resources" means currency or monetary instruments or financial securities, financial services, lodging, training, expert advice or assistance, safe houses, false documentation or identification, communications equipment, facilities, weapons, lethal substances, explosives, personnel, transportation, and other physical assets, except medicine or religious materials.
- b. "Terrorist act" means-
  - (i) an act prohibited pursuant to one of the 12 United Nations Conventions and Protocols related to terrorism (see UN terrorism conventions Internet site: <http://untreaty.un.org/English/Terrorism.asp> ); or
  - (ii) an act of premeditated, politically motivated violence perpetrated against noncombatant targets by sub national groups or clandestine agents; or
  - (iii) any other act intended to cause death or serious bodily injury to a civilian, or to any other person not taking an active part in hostilities in a situation of armed conflict, when the purpose of such act, by its nature or context, is to intimidate a population, or to compel a government or an international organization to do or to abstain from doing any act.
- c. "Entity" means a partnership, association, corporation, or other organization, group or subgroup.

This Certification is an express term and condition of any agreement issued as a result of this application, and any violation of it shall be grounds for unilateral termination of the agreement by USAID prior to the end of its term.

APPLICANT:

Name: \_\_\_\_\_ Signature: \_\_\_\_\_

Title: \_\_\_\_\_ Date: \_\_\_\_\_



**ANNEX B.1**

**KEY INDIVIDUAL CERTIFICATION  
NARCOTICS OFFENSES AND DRUG TRAFFICKING**

I hereby certify that within the last ten years:

1. I have not been convicted of a violation of, or a conspiracy to violate, any law or regulation of the United States or any other country concerning narcotic or psychotropic drugs or other controlled substances.
2. I am not and have not been an illicit trafficker in any such drug or controlled substance.
3. I am not and have not been a knowing assistor, abettor, conspirator, or colluder with others in the illicit trafficking in any such drug or substance.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name: \_\_\_\_\_

Title/Position: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date of Birth: \_\_\_\_\_

**NOTICE:**

1. You are required to sign this Certification under the provisions of 22 CFR Part 140, Prohibition on Assistance to Drug Traffickers. These regulations were issued by the Department of State and require that certain key individuals of organizations must sign this Certification.
2. If you make a false Certification you are subject to U.S. criminal prosecution under 18 U.S.C. 1001.

**ANNEX B.2**

**PARTICIPANT CERTIFICATION  
NARCOTICS OFFENSES AND DRUG TRAFFICKING**

1. I hereby certify that within the last ten years:

- a. I have not been convicted of a violation of, or a conspiracy to violate, any law or regulation of the United States or any other country concerning narcotic or psychotropic drugs or other controlled substances.
- b. I am not and have not been an illicit trafficker in any such drug or controlled substance.
- c. I am not or have not been a knowing assistor, abettor, conspirator, or colluder with others in the illicit trafficking in any such drug or substance.

2. I understand that USAID may terminate my training if it is determined that I engaged in the above conduct during the last ten years or during my USAID training.

Signature: \_\_\_\_\_

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Address: \_\_\_\_\_

\_\_\_\_\_

Date of Birth: \_\_\_\_\_

**NOTICE:**

- 1. You are required to sign this Certification under the provisions of 22 CFR Part 140, Prohibition on Assistance to Drug Traffickers. These regulations were issued by the Department of State and require that certain participants must sign this Certification.
- 2. If you make a false Certification you are subject to U.S. criminal prosecution under 18 U.S.C. 1001.

## ANNEX C

### **Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion Lower Tier Covered Transactions**

#### (a) Instructions for Certification

1. By signing and submitting this proposal, the prospective lower tier participant is providing the certification set out below.

2. The certification in this clause is a material representation of fact upon which reliance was placed when this transaction was entered into. If it is later determined that the prospective lower tier participant knowingly rendered an erroneous certification, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

3. The prospective lower tier participant shall provide immediate written notice to the person to which this proposal is submitted if at any time the prospective lower tier participant learns that its certification was erroneous when submitted or has become erroneous by reason of changed circumstances.

4. The terms "covered transaction," "debarred," "suspended," "ineligible," "lower tier covered transaction," "participant," "person," "primary covered transaction," "principal," "proposal," and "voluntarily excluded," as used in this clause, has the meanings set out in the Definitions and Coverage sections of rules implementing Executive Order 12549. 1/ You may contact the person to which this proposal is submitted for assistance in obtaining a copy of those regulations.

5. The prospective lower tier participant agrees by submitting this proposal that, should the proposed covered transaction be entered into, it shall not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the department or agency with which this transaction originated.

6. The prospective lower tier participant further agrees by submitting this proposal that it will include this clause titled "Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier covered Transaction," 2/ without modification, in all lower tier covered transactions and in all solicitations for lower tier covered transactions.

7. A participant in a covered transaction may rely upon a certification of a prospective participant in a lower tier covered transaction that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless it knows that the certification is erroneous. A participant may decide the method and frequency by which it determines the eligibility of its principals. Each participant may, but is not required to, check the Non procurement List.

8. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this clause. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.

9. Except for transactions authorized under paragraph 5 of these instructions, if a participant in a covered transaction knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the Federal Government, the department or agency with which this transaction originated may pursue available remedies, including suspension and/or debarment.

1/ See ADS Chapter 303, 22 CFR 208.

2/ For USAID, this clause is entitled "Debarment, Suspension, Ineligibility, and Voluntary Exclusion (March 1989)" and is set forth in the USAID grant standard provision for U.S. nongovernmental organizations entitled "Debarment, Suspension, and Related Matters" (see ADS Chapter 303), or in the USAID grant standard provision for non-U.S. nongovernmental organizations entitled "Debarment, Suspension, and Other Responsibility Matters" (see ADS Chapter 303).

(b) Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion--Lower Tier Covered Transactions

(1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.

(2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

Solicitation No: RFA No.

Application/ Proposal No.

Date of Application/Proposal:

Name of Recipient:

Typed Name and Title

Signature\_\_\_\_\_ Date

**ANNEX D**

**SOURCE AND NATIONALITY COMPLIANCE FORM**  
**(Attachment of this form with Technical Proposal is must)**

The purpose of this form is to gather information from bidders about source/nationality compliance. The authorized USAID geographic code for the USPCAS-E is 937.

**1. Origin:**

While the concept of “origin” has been deleted from the USAID procurement regulations, there are still significant U.S. regulations (such as OFAC regulations) that prohibit transactions with certain countries. As such, I confirm that the quoted items are not manufactured, grown, produced, shipped from, or otherwise originate from any of the following countries: ***Burma (Myanmar), Cuba, Iran, North Korea, (North) Sudan, or Syria.***

No, I cannot confirm

Yes, I confirm this is true.

**2. Source:**

The offered good are “Available for Sale” in the Cooperating Country:

- Supplier is an authorized sales representative/dealer of the manufacturer in the cooperating country. (Yes /NO)  
If yes please provide brief introduction and attach copies of dealership certifications.
- Quoted items are included in supplier’s standard catalog. (Yes /NO)  
If yes, attach catalog.
- Supplier certifies that quoted items are routinely traded or offered for sale in the cooperating country. (YES /NO)
- Supplier has an installation base in the cooperating country. (YES / NO)  
If yes provide some details of after sale support points with complete addresses.
- Offered equipment is serviceable by the supplier and has a valid warranty in the cooperating country (YES / NO)  
IF yes, please provide details of capability how equipment is serviceable in cooperating country
- Complete details of type of warranty offered in cooperating country (or attach standard warranty terms and conditions offered).
- Supplier will be responsible of ensuring that after sale service support / spare parts are available will try all efforts to make it available. (Bidder / Supplier agrees with is statement) (Yes / NO)

**For items purchased outside of the cooperating country:**

If the items are not “available for purchase” in the cooperating country, identify the “source” of the equipment and describe compliance with the authorized geographic code 937:

**The items will be imported from source is**

[Describe the "source" countries and compliance with the authorized geo code.]

3. **Nationality:**

Per 22 CFR 228.12, organizations must meet both (a) and (b) below, as well as either (c) or (d):

- A. The supplier is incorporated or legally organized under the laws of a country in the authorized geographic code:  
[Describe the supplier's registration status; attach a copy of their business license or official registration to support registration status.]
- B. The supplier is operating as an “on-going concern” in a country in the authorized geographic code.
- C. The supplier is managed by a governing body, the majority of who are citizens (or lawful permanent residents) of countries in the authorized geographic code:  
[Provide details and/or attach a certification from the supplier documenting that they comply with this.]
- D. The supplier employs citizens (or lawful permanent residents) of countries in the authorized geographic code, in more than 50% of its permanent full-time positions and more than 50% of its principal management positions:  
[Provide details, such as organizational chart with information, and/or attach a certification from the supplier documenting that they comply with this]

**Annex E****Category 1 Equipment for Dress Making**

<b>#</b>	<b>Description</b>	<b>Required Specifications</b>	<b>Quantity</b>
1	Sewing Machine with Electric Motor and Stand	Domestic Type, Single Needle, SS bobbin, Pure Mechanical with attached Electric Motor and Steel Stand along with Wooden Top	20
2	Sewing Machine Tool Kit	Measurement tape Small screw driver, Machine Oil (one Bottle), Thread (one Box) Machine Needles (1 Packet) Carrying box etc.	30
3	Scissors Plucking for stitching	5" Scissor with plastic handle grip for handy use	25
4	Scissor Large	9" Cutting purposes, good quality especially for stitching	40
5	Computerized Embroidery Machine with card	Computerized Sewing & Embroidery machine with adjustable card with minimum 200 stitching designs.	4
6	Lock Stitch Machine	Single Needle Lock Stich Machines along with Servo Motor, table top and stand. The required machines should be suitable for light to medium weight knitted and woven fabric.	3
7	Electric Iron	1000 Watts 230 V, (50 Hz) Fully automatic control knob with thermostat, over heating protection, Six speed adjustable control, Pilot light, Non stick coating sole plate	9
8	Dummy (Stand Set)	Sewing Mannequin, Skin color, headless, standing form, Upper half, Size 8", 10" and 12"	24
9	Boutique/ Display Stands	Portable steel stand meant for cloths' display with capacity to adjust 8 plus stitched suits.	12
10	Marking sets (T-Foot, L-foot, etc.)	Either Wooden or Steel made, required T shaped and L Shaped marking sets	6

**Annex F****Category 2 Equipment for Embroidery**

<b>#</b>	<b>Description</b>	<b>Required Specifications</b>	<b>Quantity</b>
1	Sewing Machine with Electric Motor and Stand	Domestic Type, Single Needle, SS bobbin, Pure Mechanical with attached Electric Motor and Steel Stand along with wooden top	15
2	Zig Zag Scissors	9" for Zig Zag patterning and cutting	5
3	Lock Stitch Machine	Single Needle Lock Stich Machines (Brand New) along with Servo Motor, table top and stand. This required machine should be suitable for light to medium weight knitted and woven fabric.	1



**Annex G**

**Category 3 Equipment for Beautician**

#	Description	Required Specifications	Quantity
1	Hair Dryer	Instant cold shot button. Thermal grill with multiple heat and speed setting. Two narrow concentrator nozzles, variable speed flow, variable heat control, operable at 220 V with accessories	13
2	Hair Styling Rod	½"-1" Curling Wand Creates Medium Curls Pearl Ceramic Technology – Smoother, Harder, Longer Lasting Barrel 410°F High Heat For Professional Results Maximum 40 Second Heat Up	9
3	Electric Machine for Hair Clean	Adjustable Razor Cordless Operation Design: temple Trimmer Motor Drive Blade With Low Noise Should be suitable for High Cutting Performance Rechargeable Sharp blade Endurance	12
4	Hair Steamer Hanging on Wall	Transparent head cover with adjustable height stand and timer Automatic shut off, Adjustable height Plastic Hair drying hood Metal rod stand Not more than 700 Watts Should include: Hair dryer with stand and 4 wheel base	2
5	Shampoo Unit with wash basin	Shower set with water basin and attached seat	3
6	Pedicure Machine (Foot SPA)	Air Bubble, Infrared, Vibration, Heating Air Bubble, Vibration Infrared Heating Rated Power: Not more than 400 Watts Package should Include 1 x Foot Bath Massage	10
7	Trolley for keeping facial kit and makeup accessories	Four wheeler trolley used in beauty parlors to keep facial kit and make up accessories	15
8	Skin Analyzer	All measurements should be performed using a single device Minimum High Quality Image 1/4" Super HAD CCD camera High resolution and high sensitivity: more than 400,000 pixels Should include an ergonomic applicator to determine the skin type with electric and handy facial tester Display: LCD display monitor required	3
9	Sterilizer	Sterilizer with UV light for sterilizing salon equipment such as combs and scissors etc.	3
10	Simple Cutting Razer and comb razer	Prime standard quality used for hair cutting	6

#	Description	Required Specifications	Quantity
11	Hair Accelerator or hood dryer	Rollerball Orbiting Infrared Professional Salon Hair Dryer Color Processor Accelerator with Rolling Base	2
12	Facial Steamer	Steamer with glass Jar and ozone light. Adjustable height with rolling base and rotating nozzle. Should not be more than 800 Watts	2
13	Electric Rollers Box	Plastic rollers that should be suitable for Hair curling	6 Boxes
14	Towel Warmer	Incubator with fixable temperature with a Capacity of minimum 06 Towels warm at one time	1
15	Galvanic Machine	Skin Care Equipment, 2 in 1 Compact Tabletop Galvanic & High Frequency Facial Machine	3
16	Crimping Iron	Powerful Electric Hair Crimping Machine	9
17	Volume Iron	Multi-style creates; Stylish curls, Flicks, Waves, Volume and Straightens Extra smooth curved tourmaline coated plates for ease of use Variable temperature (to 200c), with instant heat recovery Super fast heat up with an even spread of heat over the plates	9
18	Rebounding Iron	Straightener with Keratin sheet for hair protection	9
19	Curling Iron	Hair styling curling iron with minimum 25 mm rod Automatic shut off Temperature recovery system	2
20	Small Scissors	Stainless and Steel with rubber band Scissor, Chaudhary Company or Equivalent. With Scissor Box	6
21	Flexible hair Rollers	6 Rollers; Velcro Roller	6
22	Hair Straightener	Styler temperature with 210 c', ceramic plate, maximum 60 second heat up time	6
23	Paraffin Wax Container (Hand and Foot)	With Temperature control system	6
24	Wax Machine (Hot Wax)	Heater with bucket with heating control thermostat (0 to 80 Degree Celsius) Heavy duty professional use Metal body with removable pots 4 inches double pot opening	2

## Annex H

### Category 4 Equipment for HVACR

#	Description	Required Specifications	Quantity
1	Grinder Pedestal	Secane or Equivalent	4
2	Electronic Leak Detector		5
3	Gas Charging Station		5
4	Humidity Meter	Temperature range: -20°C to 60°C (-4°F to 140°F) Temperature update rate up to 500 ms Temperature sensor type: NTC Relative humidity range: 5% to 95% RH	5
5	Air Velocity Meter	Velocity Probe: Range: 0 to 6000 ft/min (0 to 30 m/s) Accuracy <sup>1&amp;2</sup> : ±3% of reading or ±3 ft/min (±0.015 m/s), whichever is greater Resolution: 1 ft/min (0.01 m/s) Duct Size: Range: 1.0 to 500 inches in increments of 0.1 in. (2.5 to 1270 cm in increments of 0.1 cm) Volumetric Flow Rate: Range: Actual range is a function of actual velocity Temperature from Velocity Probe: Range: 14 to 140°F (-10 to 60°C) Accuracy <sup>3</sup> : ±0.5°F (±0.3°C) Resolution: 0.1°F (0.1°C) Relative Humidity from Velocity Probe: Range: 5 to 95% RH Accuracy <sup>4</sup> : ±3% RH Resolution: 0.1% RH Wet Bulb Temperature from Velocity Probe: Range: 40 to 140°F (5 to 60°C) Resolution: 0.1°F (0.1°C) Instrument Temperature Range: Operating (Electronics): 40 to 113°F (5 to 45°C) Operating (Probe): 14 to 140°F (-10 to 60°C) Storage: -4 to 140°F (-20 to 60°C)	5
6	Package Unit (Self Canteen Unit)	Fine Quality	4
7	Techo Meter	Battery 4 x 1.5V AAA ( UM4 ) batteries. Measurement Photo Tachometer : Power Photo tachometer : & Range 5 to 99,999 RPM. ... 0.5 to 19,999 RPM.	4

#	Description	Required Specifications	Quantity
8	Baro Meter	Sensing Element: SenSym SDX15A4 Pressure Range (as shipped): 0.8 to 1.05 atm (25 to 31.5 in of Hg) Maximum pressure that the sensor can tolerate without permanent damage: 2.04 atm or 61 in of Hg Sensitivity: 436 mV/in of Hg to 13.06 V/atm. Typical Resolution: 1.0026 X 10 <sup>-4</sup> atm (0.003 in of Hg) Combined Linearity and Hysteresis: Typical ±0.1% full scale, maximum ±0.5% full scale Response Time: 100 microseconds	4
9	Flow Meter	The programming of the meter should be possible through touch control operation without opening the meter cover. 4. Flowmeter shall be suitable for operation with 85 to 260 VAC, 45 to 65 Hz, Single phase AC supply. 5. Base accuracy of the combined system i.e. sensor, Transmitter & Indicator must be ± 0.5% or better, of flow at any value in the range, supplier to submit flow meter sizing print out for given minimum, Normal and Maximum flow data and also to submit typical (actual) calibration curve for offered model along with the offer.	4
10	Frequency Meter	Measuring Current Range: 10mA~20A Measuring Voltage Range: 5v~600v Dimensions: 355mm*223mm*112mm Accuracy Class: 0.5 Operating Temperature: 10~55 Power Supply: 100~240V AC 50/60 Hz	4
11	Digital Thermo Meter	Dimensions: 96*96mm Measuring Energy Range: 0-9999 Output Voltage: AC/DC80~270V,DC24V Operating Temperature: -40~+70°C Accuracy Class: 0.2/0.5	8
12	Clamp on Meter	Material: Aluminum Structure: insulation clamps Usage: Pipe Clamp	5
13	Oil Charging Pump	Application: transmission Theory: Rotary Pump Fuel: electric	4
14	Absolute Vacuum Pump	Theory: Vacuum Pump Usage: Air Pump Structure: Single-stage Pump Power: Electric Pressure: High Pressure	5
15	Lever type tube bender	In 1 Pipe Bender 90/180 degree Lever Type Tube Bending Tool 1/4" 5/16" 3/8"	11

#	Description	Required Specifications	Quantity
16	Transformer Step Up and Step Down	110V/220V-2000	11
17	AC and DC Motor	golden or Equivalent	3
18	Resistance Starter Motor, Capacitor Run and Capacitor Starter Motor	Fine Quality	3
19	Potential Relay Tester	operating Temperature: -10~50 Measuring Range: 50-200kV(customized)	3
20	Thermostat Tester	Range: -50 c to +70 c -58 F to +158 F Accuracy: ±1 Degree Sensor: External Sensor Length 1.5 meter	3
21	Watt Meter	Dimensions: 216mm*128.5mm*114mm Measuring Energy Range: 0---99999KWH Output Voltage: 110V,220V,230V,240V Operating Temperature: -40°C-40 Accuracy Class: 1.0 or 2.0s Display Type: Digital Only	3
22	Non-Frosting, De Frosting, Frosting, Shell and Coil Type, Shell and Tube Type, Double Tube Type Evaporator	Fine Quality	4
23	Gas Welding Set	Oxygen cylinder, LPG cylinder+guge+20ft pip	4
24	Gauge Manifold Set	Connection: 1/4",1/2", 1/8",3/8"NPT, PT (ZG, Size: 70mm / 80mm Range: -0.1- 0 -100MPA, BAR, PSI, KG/CM2 Accuracy: 2.5%,1.6%,1%	5
25	AC Fan Motor (Three Speed)	Fine Quality	2
26	Thermostatic Expansion Valve, Gate Valve, Globe Valve, Check Valve, Pressure Relief Valve, Compressor Service Valve, Solenoid Valve, Two Temperature Valve, Water Valve,	Japan made or Equivalent	1
27	Low Pressure Switch	Max. Current: 10A Max. Voltage: 250V	2
28	High Pressure Switch	Max. Current: 10A Max. Voltage: 250V	2
29	Thermostat For No Frost (Refrigerator) Shutter Type	Fine Quality	2
30	Dead Sealed Reciprocating Compressor Used in working condition	Fine Quality	2

#	Description	Required Specifications	Quantity
31	Capacitor Analyzer / Capacitor Meter	Dimensions: 72x72 Measuring Energy Range: 0-100A Output Voltage: 220V,380V Operating Temperature: -10~50°C Accuracy Class: 1.5 and 2.5 Display Type: digital	2
32	Tachometer	Fine Quality	1
33	Barometer	Theory: Pressure Thermometer Usage: Outdoors size: 75mm Accuracy: 3.5hpa Temperature range: 940-1070mbar	1
34	Anemometer	Measure range: 0.05---30 m/s Dimension: 190*90*40mm	1
35	Inspection Mirror Set	Fine Quality	1
36	Blow Lamp	Fine Quality	1
37	Open Type Reciprocating Compressor (2 <sup>nd</sup> Hand)		1
38	Commercial Type Semi Sealed compressor (2 <sup>nd</sup> Hand)		1
39	Rotary Compressor	Mitsubishi or Equivalent	1
40	Non Frosting, De Frosting, Frosting, Shell and Coil Type, Shell and Tube Type, Double Tube Type Evaporator		1
41	Soft Ice Cream Maker	Weight: 170kg Voltage: 220V/ 50Hz 60Hz Application: Ice Cream Certification: ETL CE CB UL	1
42	Oil Pressure Switch		1
43	Electric Welding Plant		1
44	Cooling Tower (Model)		1
45	Scroll Compressor		1
46	Centrifugal Compressor (Model)		1
47	Pressure Type, Dispenser Type Water Cooler		1
48	Duct and Grill		1
49	Electrostatic Filters		1
50	Stabilizer (Regular Type 5000 Watt)		1
51	Automobile Air conditioner	GKI Toyota or Equivalent	1
52	Hand Drill Machine	Should not be more than 720 Watts	1
53	Oil Separator	Type: Air Filter, Air Filter compressed air filter Material: Aluminum alloy, carbon steel	1

#	Description	Required Specifications	Quantity
54	Electric Drill Machine (1 inch)	Should not be more than 500 Watts	1
55	Megger		2
56	Fire Cylinder		1
57	Bering Puller		2
58	Wall cutter		2
59	AC Service pressure pump		2

**Annex I****Category 5 Equipment for Repair and Maintenance of Electrical Home Appliances**

#	Description	Required Specifications	Quantity
1	Induction Motor 1/4 Horsepower	Golden or equivalent	6
2	Induction Motor 1/2 Horsepower	Golden or equivalent	6
3	Induction Motors 1 Horsepower	Golden or equivalent	6
4	Induction Motors 3 Horsepower (3 Phase)	Golden or equivalent	2
5	Induction Motors 3 Horsepower (3 Phase) (With Burnt Windings)	Golden or equivalent	6
6	Water Pump (With Burnt Windings)	Golden or equivalent	6
7	Battery Charger	Fine Quality	2
8	D.C Ampere Meter	Fine Quality	6
9	D.C Volt Meter	Fine Quality	6
10	D.O.L Stator	Fine Quality	2
11	Fluorescent Tube light (complete set) 40 watts	Philips or equivalent	6
12	Earth Leakage Circuit Breaker 4 Pole	Different Companies	4
13	Emergency Light	National or equivalent	2
14	Energy Meter (Single phase)	Syed Bhais or equivalent	3
15	Energy Meter (Three phase)	Syed Bhais or equivalent	2
16	DC Clump on Meter	Operating Temperature: -10 °C ~ 50 °C Measuring Current Range: 200A/2000A Measuring Voltage Range: 0 - 600 V Measuring Resistance Range: 0 ~ 20 MM	5
17	MPPT Charge Controller	50-A or Equivalent	2
18	PWM Charge Controller	30-A or Equivalent	2



## Annex J

### Category 6 Equipment for Motorcycle Mechanic

#	Description	Required Specifications	Quantity
1	Motorcycle	70cc, Four stroked engine Air cooled engine OHC with a fuel tank capacity of 9 Liters	1
2	Automotive Petrol Engine Compression Tester Test Kit	Pressure gauge with rubber protection Pressure gauge Diameter: 75mm Test pressure: max 21 bar / 300 psi 4 Adapters: M10x1.0mm M12x1.25mm M14x1.25mm M18X1.5mm Hose Overall length: More than 400mm Pressure tube length: More than 150mm Angled pressure tube length: More than 160mm	1
3	Self Start Engine CD-70	ATV engine, Karts engine, scooter engine. Horizontal Simplex 4-Stroke Air Cooling, electric and kick start, automatic clutch for 70cc	1
4	Self Start Engine CD-100	100cc, ATV engine, karts engine, scooter engine. Horizontal Simplex 4-Stroke Air Cooling, electric and kick start, automatic clutch	1
5	Self Start Engine CD-125.	125 cc	1
6	Motorcycle	Capacity 110 cc, 4 Stroke single cylinder	1
7	Cut Engine	70 cc, locally customized engine segregation for learning	1
8	Cut Engine	100 cc ,locally customized engine segregation for learning	1
9	Cut Engine	125 cyclically customized engine segregation for learning	1
10	Mechanic Stethoscope	Sensitive Engine Diagnostic for Motorcycle	1
11	Air Compressor with realign system	Electric, Power 300 Pound, 12V and is used to inflate tires.	1
12	Pneumatic Pressure Bolt Gun	For loosening the bolts, with 1/2' in detent pin square drive anvil	1
13	Pneumatic Pressure Screw Gun	For tightening screws, cordless, brushless,18V	1

## Annex K

### Category 7 Furniture & Fixture

#	Description	Required Specifications	Quantity
1	Tracing Table for Dress Making	Wooden table with glass top W24" x H36"xL26"	2
2	Cloth cutting / Pattern making Tables	6'x4' Wooden table	4
3	Teacher Chair	Standard wooden with foam base and back	2
4	Display / Green Soft Board	Size 5 'x3'	3
5	Display Board	Size 4'x8'	2
6	White board	Size 4'x8' wooden	2
7	Soft Board	Size 4' x 2'	16
8	White Board	Size 4' x 2'	16
9	Tool Board	Size 4'x8'	2
10	Steal Almirah	Standard for storage purpose with a lock	5
11	Tracing Table For Embroidery	Wooden table with glass top W24" x H36"xL26"	1
12	Workstation for Beautician Trade	Wooden attached with wall and supported by wall hanging mirror	30
13	Beauty Saloon Chair	Beauty pallor chair with adjustable back	30
14	Cutting Stool for beauty Saloon	light weight Steel body used for hair cutting	3
15	Tables for Computer workstations	To be customized at location (Rate needed per running feet)	25
16	Chairs for Computer Workstations	Smart, Revolving with flexible back and soft cushion seat	25
17	Additional tables for switch and printers	1.5'x1.5' rack type	2
18	Student Chairs	Tabloid Chair (wooden with 16 gage steel frame	50
19	Office/ Teacher Chair	Standard wooden with foam base and back	4
20	Office/ Teacher Table	Office Table 4'x2.5' along with 3 drawers and lock	8
21	Wooden stools	Standard	40
22	Computer Table	Size: 4 x 2 ½ x 2 ½ , It includes One (1) CPU Box, One (1) Lockable drawer, One (1) Keyboard Tray, Footrest and Back Closed.	24
23	Computer Chairs	Computer Revolving Chairs low back with steel frame and caster-laterite	24
24	Office Table with Side Racks	Office Table (Lamination) minimum 5' x 3' with Computer Side Rack with 3 drawers and lock	8
25	Visitor's Chair	Office Visitor Chairs Seat Back Rexion Poshish, minimum m16 gauge Steel Frame	16
26	Lamp Work Tables	Size 8'x4', made of wood	5

**Annex L**

**Category 8 Supply and Installation of Solar System**

#	Description	Required Specifications	Quantity
1	Solar System Complete with installation (off grid/on grid)	2 KW, Solar Plates 250 W, Charge Controller 50 Amp, Invertor 2000 Watt, Batteries 150 AH. Hisel or Equivalent	2

**Annex M**

**Category 9 IT Equipment**

#	Description	Required Specifications	Quantity
1	Desktop Computers	Minimum 7 Generation Intel, Minimum core i5, 2.5GHz/Turbo Boot upto 3.1GHz, CMT Desktop or Equivalent RAM: Minimum 8GB hard Disk: Minimum 1TB with minimum 7200 RPM, Integrated Intel HD graphic, Interface: HDMI, VGA port, Minimum 04 USB ports (including 2 ports 3.0), LAN/WLAN, Key Board, Mouse, Power Cables as per manufacturer standard, Registered Windows & Anti Virus with One year Warranty.	145
2	LED Screen	Screen: Screen: Minimum 18.5" LED,	121
3	LED Screen	Screen: Minimum 21" LED; Two Conjoined Screen Display for each system	24
4	Printer Laser Jet (Black & White)	HP LaserJet Pro 402 or Equivalent	6
5	Printer Ink Jet Color	Epson Dot Matrix Lpq/350 or Equivalent	3
6	Multi-Propose Black & White Printers	a) Black and White Printer, copier, scanner; b) Print Quality: up to 1200x1200dpi, c) Connectivity: Network, USB & RJ45	8
7	Scanner	HP Flatbed Pix 55200 or Equivalent	5
8	Digital Camera	Sony Office Jet 7612 or Equivalent	2
9	Multimedia Projector	a) Display: LCD b) Lumens: Up to 3500 c) Lamp Life: Minimum 4000 hours (Standard Mode) d) Input: VGA, HDMI, USB e) Resolution: WXGA 1200 x 800 (Native) f) Accessories: Carrying Bag for Portability	12
10	Multimedia Screen	a) Size: 8' x 6' b) Stand: Tripod Stand Required	12
11	Complete Tool Kit	General + Networking tool kit	3
12	Laptops	a) Generation: Minimum 7 Generation Intel, b)Screen size: Minimum 15" HD (1366 x 768) c) Processor: Minimum Core i7 & Minimum 7 Generation, Minimum 64 bit, x64 based processor, Cache minimum L3,3B d) RAM: Minimum 8 GB, e)HDD: Minimum 1 TB, f) Graphics: Intel HD graphics h) Interface: HDMI, VGA port, Minimum 02 USB ports i) Key board, Web camera, Wi-Fi, as per manufacturer standard j) Accessories: Carrying Bag, Charging Adopter k) O/S & Software: Pro Window 10 registered	13

#	Description	Required Specifications	Quantity
		l) Warrantee: Required 1 year	
13	Photocopier Machine	a. Type: Standingb. Paper Size: Maximum A3c. Copy Size: Cassette 1, 2 and 3: A3, A4, A4R, A5R Custom size: W:85 to 297 mm L: 200 to 600 mm, Cassette 2: A3, A4, A4R, A5R, Envelope (with optional Envelope Feeder Attachment-D1), Stack Bypass: A3, A4, A4R, A5R, Envelopes Custom size: W:216 x 330 mm L: 216 x 340 mmd. Maximum Resolution: 1200dpi x 1200dpi. Print/photocopy Color: Monochrome, Black and Whitef. Photocopy Speed: A4 paper: From 40 to maximum 45 Page Per Minute A3 paper: From 18 to maximum 25 Page Per Minuteg. Zoom: 25-400%	5
14	Web Cam	Samsung/ Canon or Equivalent	25
15	Networking accessories (7 Sets)	Ethernet switch, networking cards, cables, face plates, cabinet etc.	7
16	UPS	UPS Capacity required 2 KVA	11
17	Batteries Dry Cell	Dry Cell Batteries 150 AMP	62
18	Storage Battery 100 Amp	Wet Cell Batteries, minimum 21 plates of 100 AMP	2
19	Storage Battery 125 Amp	Wet Cell Batteries, minimum 21 plates of 125 AMP	2
20	Storage Battery 150 Amp	Wet Cell Batteries, minimum 21 plates of 150 AMP	2
21	Storage Battery 200 Amp	Wet Cell Batteries, minimum 21 plates of 200 AMP	2

**Annex N**

**Category 10 Electronic Equipment and Appliances**

#	Description	Required Specifications	Quantity
1	Refrigerator Direct Cool & Cool Bank (2+1=3)	Required Capacity: Total: More than 300 Liters Refrigerator: More than 200 Liter Freezer: More than 90 Liter Operational Temperature: Freezer Less than -20 degree centigrade Refrigerator: 2 to 7 degree centigrade No of shelves Freezer Minimum 1 Refrigerator: Minimum 3 Noise level: Less than 50 dB Refrigerator light: Required	6
2	Refrigerator No Frost	Required Capacity: Total: More than 300 Liters Refrigerator: More than 200 Liter Freezer: More than 90 Liter Operational Temperature: Freezer Less than -20 degree centigrade Refrigerator: 2 to 7 degree centigrade No of shelves Freezer Minimum 1 Refrigerator: Minimum 3 Noise level: Less than 50 dB Refrigerator light: Required	4
3	Thermo Electric Refrigerator	Maximum operating temperature: +200°C (2-Stage and Round Modules +100°C) Melting point of internal solder (Sn/Sb 5%): +235°C (2-Stage and Round Modules +138°C) Lead wires - Stranded tinned copper PVC insulated - see data sheets for gauge (Other wire available) Height tolerance: ± 0.025 mm (Lapping to a close-height tolerance of ± 0.01 mm available) Flatness and Parallel variance not more than: 0.05mm Alumina Oxide Ceramics: Al <sub>2</sub> O <sub>3</sub> Maximum compressive load: 1MPa ΔT <sub>max</sub> is measured in vacuum 1.3PaA Thermal Cycling version of each single-stage module	3
4	Deep Freezer	Defrost System: Manual Defrost Water Drain: Required Light Indicator: Yes Security Lock: Yes Capacity: Overall Capacity: More than 14 Cubic Feet	5
5	Display Refrigerator	Storage capacity of cans (330ml) / Facing: At least 850 Storage of bottles (PET 500ml) / Facing: At least 420 Product facing (330ml cans): More than 8 Foot Print Area (m <sup>2</sup> ): At least 0.60	4

#	Description	Required Specifications	Quantity
6	Window type AC Heat and Cool	Functions: Heat and cool Function Type: Window Air conditioner, Invertor Functional Type: Operable at 220 Volts/ 50 Hertz Working Conditions: Should be operable at temperature more than 50 degree centigrade Cooling Capacity: More than 17,500 BTU Heating capacity: More than 17,500 BTU	5
7	Window AC	Functions: Cool Function Type: Window Air conditioner, Invertor Functional Type: Operable at 220 Volts/ 50 Hertz Working Conditions: Should be operable at temperature more than 50 degree centigrade Cooling Capacity: More than 17,500 BTU Heating capacity: More than 17,500 BTU	5
8	Split AC	Functions: Heat and cool Function Type: Split Air conditioner, Invertor Functional Type: Operable at 220 Volts/ 50 Hertz Working Conditions: Should be operable at temperature more than 50 degree centigrade Cooling Capacity: More than 17,500 BTU Heating capacity: More than 17,500 BTU	5
9	Window Type Air Conditioner Heat and Cool	Functions: Heat and cool Function Type: Window Air conditioner, Invertor Functional Type: Operable at 220 Volts/ 50 Hertz Working Conditions: Should be operable at temperature more than 50 degree centigrade Cooling Capacity: More than 17,500 BTU Heating capacity: More than 17,500 BTU	4
10	Inverter split Ac	Functions: Heat and cool Function Type: Split Air conditioner, Invertor Functional Type: Operable at 220 Volts/ 50 Hertz Working Conditions: Should be operable at temperature more than 50 degree centigrade Cooling Capacity: More than 17,500 BTU Heating capacity: More than 17,500 BTU	3
11	Split Air Conditioner (1.5 and 2 ton prices required)	Functions: Heat and cool Function Type: Split Air conditioner, Invertor Functional Type: Operable at 220 Volts/ 50 Hertz. Working Conditions: Should be operable at temperature more than 50 degree centigrade. Cooling Capacity: More than 17,400 BTU. Heating capacity: More than 17,400 BTU	8
12	DC Pedestal Fan	Waves / Pak Asia or equivalent	5
13	LED	LED, 55" Display, Latest Model with USB and HD Ports	12
14	Ceiling Fans 56"	Waves / Pak Asia or equivalent	6
15	Exhaust fan 20" Metal body	Pak Fan / GFC or equivalent	6
16	Exhaust fan 12" Plastic body	Pak Fan / GFC or equivalent	6
17	Bracket fan	Pak Fan / GFC or equivalent	6
18	Electric Iron 6Lb	National / West point or equivalent	6

#	Description	Required Specifications	Quantity
	Automatic		
19	Electric Steam Iron	National / West point or equivalent	3
20	Electric Iron	National / West point or equivalent	5
21	Mixer /Grinder Machine	National or equivalent	8
22	Juicer Blender Machine	National or equivalent	6
23	Fan Heater	Annex 1500 W or equivalent	8
24	Reflector Type Rod Heater	WestPoint/ Annex Steel body or equivalent	8
25	Electric Toaster	West point or equivalent	6
26	Sandwich Maker	West point or equivalent	2
27	Electric Kettle	Toshiba, 6 Volt, 12 Volt or equivalent	6
28	Air Cooler/Desert Cooler	Orient or equivalent	1
29	DC Ceiling Fans	Pooma size 56" or equivalent	5
30	DC Air Cooler	Local Made	5
31	DC Electric Iron	Local Made	4