

**Skills for Employment Investment Program (SEIP)
Project**

Probashi Kallyan Bhaban (Level-16)

**71-72 Old Elephant Road, Eskaton Garden
Dhaka-1000**

Shopping for Goods

Package No.:GD-104

**Package Name: Procurement of Training for Different TTCs and TSCs
(Electrical Installations and Maintenance)**



SHOPPING FOR GOODS
REQUEST FOR QUOTATION (RFQ)

Project Title: Skills for Employment Investment Program (SEIP)

Source of Funding: **ADB**

Contract Ref: **FD/SEIP/GD-104/489/2019/1336**

Date: **09/11/2020**

To: _____

Sir/Madam:

1. The Skills for Employment Investment Program (SEIP) Project (Purchaser) hereby requests you to submit price quotation(s) for the supply, installation and after sales services of the following items:

Item No.	Description of Item	Unit	Quantity
	Electrical Installation and Maintenance		
1	Electric Hand Drill Machine	No.	90
2	Earth Resistance Testing Megger	No.	45
3	Manual Coil Winding Machine with Counter	No.	27
4	Three Phase Sub-Distribution Board(SDB)	No.	45
5	Angle Grinder	No.	15
6	Multi-meter (Digital)	No.	5
7	Clip-on-meter/Digital Clamp Meter	No.	45
8	03 Phase Energy Meter	No.	45
9	01 Phase Energy Meter	No.	90
10	Ceiling Fan Motor	No.	90
11	Single Phase Induction Motor (2HP)	No.	90
12	Three Phase Induction Motor (05 HP)	No.	45
13	DOL Starter	No.	90
14	Star Delta Starter	No.	90
15	Magnetic Contactor 50Amp	No.	180
16	Solar Power System (50 Amp)	No.	27
17	Ladder	No.	3
	Electronics		
18	Multi-meter (Digital)	No.	15
19	Oscilloscope	No.	2
20	Desoldering Pump	No.	30
21	Color TV Trainer Board with Monitor	No.	2
22	Hot Gun with Soldering Iron	No.	15

If you, however, have been associated with the firm that prepared the design, and specifications of the contract that is subject of this procurement, you shall be disqualified.

To assist you in the preparation of your price quotation we enclose the necessary technical specifications and required quantities.

2. ***You must quote for all the items under this request. Price quotations will be evaluated for all the items together and contract awarded to the firm offering the lowest evaluated total cost of all the items.***
 3. You shall submit one original of the Price Quotation with the Form of Quotation, and clearly marked "Original". In addition, you shall also submit one copy marked as "COPY". In case of any discrepancy between the Original and Copy, the original shall prevail. Your quotation in the attached format should be signed, sealed in an envelope and addressed to and delivered to the following address:
- Purchaser's Address:** Attn: Md. Zahidul Haque
Executive Project Director
Probashi Kallyan Bhaban (Level 16)
71-72 Old Elephant Road, Eskaton Garden, Dhaka-1000.
Telephone: 55138753-5 (PABX), Fax: 55138752
4. Your quotation in duplicate and written in English language, should be accompanied by adequate technical documentation and catalogue(s) and other printed material or pertinent information (in English language) for each item quoted, including names and addresses of firms providing after-sales service facilities in Bangladesh.
 5. The deadline for receipt of your quotation(s) by the Purchaser at the address indicated in Paragraph 3 is: **18/11/2020 at 2.30 PM**
 6. You shall submit only one set of quotations for the above items. Your quotation must be typed or written in indelible ink and shall be signed by you or your authorized representative. Without a signature in your Form of Quotation, your quotation will not be considered further.
 7. Your quotation(s) should be submitted as per the following instructions and in accordance with the attached form of Contract. The attached Terms and Conditions of Supply is an integral part of the Contract.

(i) PRICES: The prices should be quoted for supply and delivery to different Training Centers located in different areas of the country as mentioned in supply schedule(place of destination). Prices shall be quoted in BDT inclusive of all local taxes, carriage, installation, commissioning as applicable and after sales services for one year from the date of commissioning.

(ii) EVALUATION OF QUOTATIONS: Offers determined to be substantially responsive to the technical specifications will be evaluated by comparison of their prices. An offer is not substantially responsive if it contains material deviations or reservations to the terms, conditions, and specifications in this Request for Quotation, and it will not be considered further. The Purchaser will evaluate and compare only the quotations determined to be substantially responsive*. In

evaluating the quotations, the Purchaser will adjust for any arithmetical errors as follows:

- (a) where there is a discrepancy between amounts in figures and in words, the amount in words will govern;
- (b) where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by the quantity, the unit rate as quoted will govern; and
- (c) if a Supplier refuses to accept the correction, his quotation will be rejected.

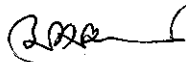
The evaluated price shall include local taxes i.e Value Added Tax (VAT) and Advance Income Tax (AIT) in Bangladesh.

- (iii) AWARD OF PURCHASE ORDER. The award will be made to the bidder offering the lowest evaluated price and that meets the required standards of technical and financial capabilities**. The successful bidder will sign a Contract as per attached form of contract and terms and conditions of supply.
- (iv) VALIDITY OF THE OFFER: Your quotation(s) should be valid for a period of sixty (60) days from the deadline for receipt of quotation(s) indicated in Paragraph 5 of this Request for Quotation.
- (v) If you withdraw your quotation during the validity period and/or refuse to accept the award of a contract when and if awarded, then you will be excluded from the list of suppliers for the project for two years.

8. Further information can be obtained from:

Attn: Md. Shamsuzzaman
Deputy Executive Project Director (FM)
Probashi Kallyan Bhaban (Level 16)
71-72 Old Elephant Road, Eskaton Garden, Dhaka-1000.
Telephone: 55138753-5 (PABX),
Fax: : 55138752
E-mail: zamanshms@yahoo.com

- 9. The bidder whose quotation has been accepted will be notified of the award of contract through the Letter of Acceptance issued by the Purchaser within 60 days from the date of submission of quotation.
- 10. The Purchaser intends to apply funds from the Asian Development Bank (ADB) for eligible payments under the Purchase Order resulting from this RFQ.
- 11. Under ADB's Anticorruption Policy bidders shall observe the highest standard of ethics during the procurement and execution of such contracts. ADB will reject a proposal for award, and will impose sanctions on parties involved, if it determines that the bidder recommended for award or any other party, has engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, the Contract. At the time of submission of your quotation, you should not be in ADB's sanctions list.



12. Please Confirm by fax/e-mail the receipt of this request and whether or not you will submit the price quotation(s).

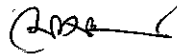
Sincerely,

(Purchaser)

Md. Zahidul Haque
Executive Project Director
Skills for Employment Investment
Program (SEIP) Project

****To substantiate responsiveness of quotations, please furnish supporting documents/evidences, among others, copies of Valid Trade License, Tax Identification Number (TIN), VAT Registration Certificate and Specification Compliance Sheet as Attachment-1 including its word format soft copy in a CD.***

*****To substantiate financial capabilities, please furnish supporting document/evidence such as Bank Solvency Certificate and/or Bank Statement.***



FORM OF QUOTATION

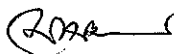
To

Executive Project Director
 Skills for Employment Investment Program (SEIP) Project
 Probashi Kallyan Bhaban (15th Floor)
 71-72 Old Elephant Road
 Eskaton Garden, Dhaka-1000
 Phone : 55138753-5 (PABX)
 Fax: 55138752
 E-mail : zahid63@yahoo.com

We offer to execute the contract titled **GD-104: Procurement of Training for Different TTCs and TSCs (Electrical Installations and Maintenance)** located at different areas of the country in accordance with the Conditions of Contract accompanying this Quotation for the Contract Price of _____ (amount in words and numbers) (BDT)_____. We propose to complete the delivery of Goods described in the Contract within the following Delivery Time from the Date of Signing of the Contract.

Prices (inclusive of local taxes i.e AIT, VAT, etc.) and Schedules for Supply

Item No.	Description of Item	Unit	Quantity	Unit Price in Figure and Word	Total Price in Figure and Word	Delivery Time
	Electrical Installation and Maintenance					
1	Electric Hand Drill Machine	No.	90			
2	Earth Resistance Testing Megger	No.	45			
3	Manual Coil Winding Machine with Counter	No.	27			
4	Three Phase Sub-Distribution Board (SDB)	No.	45			
5	Angle Grinder	No.	15			
6	Multi-meter (Digital)	No.	5			
7	Clip-on-meter	No.	45			
8	03 Phase Energy Meter	No.	45			
9	01 Phase Energy Meter	No.	90			
10	Ceiling Fan Motor	No.	90			
11	Single Phase Induction Motor (2HP)	No.	90			
12	Three Phase Induction Motor (05 HP)	No.	45			
13	DOL Starter	No.	90			
14	Star Delta Starter	No.	90			
15	Magnetic Contactor 50Amp	No.	180			
16	Solar Power System (50 Amp)	No.	27			



Item No.	Description of Item	Unit	Quantity	Unit Price in Figure and Word	Total Price in Figure and Word	Delivery Time
17	Ladder	No.	3			
	Electronics					
18	Multi-meter (Digital)	No.	15			
19	Oscilloscope	No.	2			
20	Desoldering Pump	No.	30			
21	Color TV Trainer Board with Monitor	No.	2			
22	Hot Gun with Soldering Iron	No.	15			

This Quotation and your written acceptance will constitute a binding Contract between us. We understand that you are not bound to accept the lowest or any Quotation you receive.

We hereby confirm that this Quotation complies with the Validity of the Offer and Warranty conditions imposed by the Request for Quotation document and the Terms and Conditions of Supply, respectively.

We have not been associated with the firm that prepared the design and specifications of the contract that is subject of this request for quotation.

We are not in the ADB sanctions list.

Authorized Signature: _____

Name and Title of Signatory _____

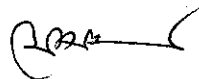
Name of Supplier: _____

Address : _____

Phone Number : _____

Fax Number, if any _____

Email address (optional) _____



FORM OF CONTRACT

THIS AGREEMENT number _____ made on _____, ____ 201_, between _____ (hereinafter called "the Purchaser") on the one part and _____ (hereinafter called "the Supplier") on the other part.

WHEREAS the Purchaser has requested for quotation for _____ (description of goods) to be supplied by Supplier, viz. Contract _____, (hereinafter called "Contract") and has accepted the Quotation by the Supplier for the supply of goods under Contract at the sum of _____ (_____) hereinafter called "the Contract Price".

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
 - a) Form of Quotation; Terms and Conditions of Supply, Technical Specifications;
 - b) Addendum (if applicable);
2. Taking into account payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby concludes an Agreement with the Purchaser to execute and complete the supply of goods under the Contract and remedy any defects therein in conformity with the provisions of the Contract.
3. The Purchaser hereby covenants to pay, in consideration of the acceptance of Contract, supply and delivery of the goods and remedying of defects therein, the Contract Price in accordance with Payment Conditions prescribed by the Contract.

IN WITNESS whereof the parties hereto have executed the Contract under the laws of Bangladesh (country of Purchaser) on the date indicated above.

Signature and seal of the Purchaser:

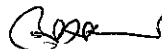
Signature and seal of the Supplier:

For and on behalf of

For and on behalf of

Name of Authorized Representative

Name of Authorized Representative



TERMS AND CONDITIONS OF SUPPLY

Project Name: Skills for Employment Investment Program (SEIP) Project

Purchaser: Executive Project Director
Probashi Kallyan Bhaban (15th Floor)
71-72 Old Elephant Road,
Eskaton Garden, Dhaka-1000

Package No.:GD-104

Package Name: Procurement of Training for Different TTCs and TSCs (Electrical Installations and Maintenance).

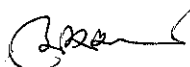
1. Schedules for Supply and Place for Destination

The Place of destination of the goods/equipment are in different areas of Bangladesh and are:

Sl. No.	Name of the Institute
1.	Faridpur Technical Training Center, Faridpur
2.	Gopalganj Technical Training Center, Gopalganj
3.	Jamalpur Technical Training Center, Jamalpur
4.	Rajurbazar Technical Training Center, Netrakona
5.	Tangail Technical Training Center, Tangail
6.	Raipura Technical School and College, Narsingdi
7.	Nabinagar Technical School and College, Sherpur
8.	Khagrachari Technical Training Center, Khagrachari
9.	Rangamati Technical Training Center, Rangmati

The supply shall include carriage, installation, commissioning as applicable and after sales service/defect liability for one year from the date of commissioning. The supply schedule of the equipment/goods for the different Training institute/centers are as stated below:

Item No.	Description of Item and Place of Destination	Unit	Quantity	Delivery Time
Faridpur TTC - Trade: Electrical Installation and Maintenance				30 days from the date of signing contract
1	Electric Hand Drill Machine	No.	10	
2	Earth Resistance Testing Megger	No.	5	
3	Three Phase Sub-Distribution Board (SDB)	No.	5	



Item No.	Description of Item and Place of Destination	Unit	Quantity	Delivery Time	
4	Angle Grinder	No.	5		
5	Manual Coil Winding Machine with Counter	No.	3		
6	Clip-on-meter	No.	5		
7	03 Phase Energy Meter	No.	5		
8	01 Phase Energy Meter	No.	10		
9	Ceiling Fan Motor	No.	10		
10	Single Phase Induction Motor (2HP)	No.	10		
11	Three Phase Induction Motor (05 HP)	No.	5		
12	DOL Starter	No.	10		
13	Star Delta Starter	No.	10		
14	Magnetic Contactor 50Amp	No.	20		
15	Solar Power System (50 Amp)	No.	3		
Gopalganj TTC- Trade: Electrical Installation and Maintenance					30 days from the date of signing contract
1	Electric Hand Drill Machine	No.	10		
2	Earth Resistance Testing Megger	No.	5		
3	Manual Coil Winding Machine with Counter	No.	3		
4	Three Phase Sub-Distribution Board (SDB)	No.	5		
5	Clip-on-meter	No.	5		
6	03 Phase Energy Meter	No.	5		
7	01 Phase Energy Meter	No.	10		
8	Ceiling Fan Motor	No.	10		
9	Single Phase Induction Motor (2HP)	No.	10		
10	Three Phase Induction Motor (05 HP)	No.	5		
11	DOL Starter	No.	10		
12	Star Delta Starter	No.	10		
13	Magnetic Contactor 50Amp	No.	20		
14	Solar Power System (50 Amp)	No.	3		
Jamalpur TTC- Trade: Electrical Installation and Maintenance				30 days from the date of signing contract	
1	Electric Hand Drill Machine	No.	10		
2	Earth Resistance Testing Megger	No.	5		
3	Manual Coil Winding Machine with Counter	No.	3		
4	Three Phase Sub-Distribution Board (SDB)	No.	5		
5	Ladder	No.	3		
6	Clip-on-meter	No.	5		
7	03 Phase Energy Meter	No.	5		
8	01 Phase Energy Meter	No.	10		
9	Ceiling Fan Motor	No.	10		
10	Single Phase Induction Motor (2HP)	No.	10		
11	Three Phase Induction Motor (05 HP)	No.	5		
12	DOL Starter	No.	10		
13	Star Delta Starter	No.	10		

Item No.	Description of Item and Place of Destination	Unit	Quantity	Delivery Time
14	Magnetic Contactor 50Amp	No.	20	
15	Solar Power System (50 Amp)	No.	3	
Jamalpur TTC- Trade: Electronics				30 days from the date of signing contract
1	Multi-meter (Digital)	No.	15	
2	Oscilloscope	No.	2	
3	Desoldering Pump	No.	30	
4	Color TV Trainer Board with Monitor	No.	2	
5	Hot Gun with Soldering Iron	No.	15	
Netrokona TTC- Trade: Electrical Installation and Maintenance				30 days from the date of signing contract
1	Electric Hand Drill Machine	No.	10	
2	Earth Resistance Testing Megger	No.	5	
3	Manual Coil Winding Machine with Counter	No.	3	
4	Three Phase Sub-Distribution Board (SDB)	No.	5	
5	Clip-on-meter	No.	5	
6	03 Phase Energy Meter	No.	5	
7	01 Phase Energy Meter	No.	10	
8	Ceiling Fan Motor	No.	10	
9	Single Phase Induction Motor (2HP)	No.	10	
10	Three Phase Induction Motor (05 HP)	No.	5	
11	DOL Starter	No.	10	
12	Star Delta Starter	No.	10	
13	Magnetic Contactor 50Amp	No.	20	
14	Solar Power System (50 Amp)	No.	3	
Tangail TTC- Trade: Electrical Installation and Maintenance				30 days from the date of signing contract
1	Electric Hand Drill Machine	No.	10	
2	Earth Resistance Testing Megger	No.	5	
3	Manual Coil Winding Machine with Counter	No.	3	
4	Three Phase Sub-Distribution Board (SDB)	No.	5	
5	Clip-on-meter	No.	5	
6	03 Phase Energy Meter	No.	5	
7	01 Phase Energy Meter	No.	10	
8	Ceiling Fan Motor	No.	10	
9	Single Phase Induction Motor (2HP)	No.	10	
10	Three Phase Induction Motor (05 HP)	No.	5	
11	DOL Starter	No.	10	
12	Star Delta Starter	No.	10	
13	Magnetic Contactor 50Amp	No.	20	
14	Solar Power System (50 Amp)	No.	3	
Narsindi TSC- Trade: Electrical Installation and Maintenance				30 days from the date of
1	Electric Hand Drill Machine	No.	10	

Item No.	Description of Item and Place of Destination	Unit	Quantity	Delivery Time
2	Earth Resistance Testing Megger	No.	5	signing contract
3	Manual Coil Winding Machine with Counter	No.	3	
4	Three Phase Sub-Distribution Board (SDB)	No.	5	
5	Angle Grinder	No.	5	
6	Multi-meter (Digital)	No.	5	
7	Clip-on-meter	No.	5	
8	03 Phase Energy Meter	No.	5	
9	01 Phase Energy Meter	No.	10	
10	Ceiling Fan Motor	No.	10	
11	Single Phase Induction Motor (2HP)	No.	10	
12	Three Phase Induction Motor (05 HP)	No.	5	
13	DOL Starter	No.	10	
14	Star Delta Starter	No.	10	
15	Magnetic Contactor 50Amp	No.	20	
16	Solar Power System (50 Amp)	No.	3	
Sherpur TSC- Trade: Electrical Installation and Maintenance				
1	Electric Hand Drill Machine		10	
2	Earth Resistance Testing Megger	No.	5	
3	Manual Coil Winding Machine with Counter	No.	3	
4	Angle Grinder	No.	5	
5	Three Phase Sub-Distribution Board (SDB)	No.	5	
6	Clip-on-meter	No.	5	
7	03 Phase Energy Meter	No.	5	
8	01 Phase Energy Meter	No.	10	
9	Ceiling Fan Motor	No.	10	
10	Single Phase Induction Motor (2HP)	No.	10	
11	Three Phase Induction Motor (05 HP)	No.	5	
12	DOL Starter	No.	10	
13	Star Delta Starter	No.	10	
14	Magnetic Contactor 50Amp	No.	20	
15	Solar Power System (50 Amp)	No.	3	
Khagrachari TTC- Trade: Electrical Installation and Maintenance				30 days from the date of signing contract
1	Electric Hand Drill Machine	No.	10	
2	Earth Resistance Testing Megger	No.	5	
3	Three Phase Sub-Distribution Board (SDB)	No.	5	
4	Manual Coil Winding Machine with Counter	No.	3	
5	Clip-on-meter	No.	5	
6	03 Phase Energy Meter	No.	5	
7	01 Phase Energy Meter	No.	10	
8	Ceiling Fan Motor	No.	10	
9	Single Phase Induction Motor (2HP)	No.	10	

Item No.	Description of Item and Place of Destination	Unit	Quantity	Delivery Time
10	Three Phase Induction Motor (05 HP)	No.	5	
11	DOL Starter	No.	10	
12	Star Delta Starter	No.	10	
13	Magnetic Contactor 50Amp	No.	20	
14	Solar Power System (50 Amp)	No.	3	
Rangamati TTC- Trade: Electrical Installation and Maintenance				30 days from the date of signing contract
1	Electric Hand Drill Machine	No.	10	
2	Earth Resistance Testing Megger	No.	5	
3	Three Phase Sub-Distribution Board (SDB)	No.	5	
4	Manual Coil Winding Machine with Counter	No.	3	
5	Clip-on-meter	No.	5	
6	03 Phase Energy Meter	No.	5	
7	01 Phase Energy Meter	No.	10	
8	Ceiling Fan Motor	No.	10	
9	Single Phase Induction Motor (2HP)	No.	10	
10	Three Phase Induction Motor (05 HP)	No.	5	
11	DOL Starter	No.	10	
12	Star Delta Starter	No.	10	
13	Magnetic Contactor 50Amp	No.	20	
14	Solar Power System (50 Amp)	No.	3	

2. **Fixed Price:** The prices indicated in the Form of Quotation are firm and fixed and not subject to any adjustment during contract performance.
3. **Delivery Schedule:** The delivery should be completed as per above schedule but not exceeding 30 (Thirty) days from the date of signing of contract.
4. **Insurance:** The Goods supplied under the Contract shall be fully insured in a freely convertible currency against loss or damage incidental to manufacture or acquisition, transportation, storage and delivery. The insurance shall be in an amount equal to 110 percent of the value of the Goods on "All risks" basis.
5. **Applicable Law:** The Contract shall be interpreted in accordance with the laws of the Purchaser's country.
6. **Resolution of Disputes:** The Purchaser and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute between them under or in connection with the Contract. In the case of a dispute between the Purchaser and the Supplier, the dispute shall be settled in accordance with the provisions of the Arbitration Act,2001 of the Purchaser's country.
7. **Delivery and Documents:** Upon delivery, the Supplier shall provide the following documents to the Purchaser:

- (i) copies of the Supplier's invoice showing goods' description, quantity, unit price, and total amount;
- (ii) manufacturer's or supplier's warranty certificate; and
- (iii) certificate of origin.

If goods are coming by courier, supplier shall also provide prior to delivery, copies of documents that will enable Purchaser to receive the goods. The above documents shall be received by the Purchaser at least one week before arrival of the goods and, if not received, the Supplier shall be responsible for any consequent expenses.

8. Payment: Payment of the contract price shall be made in the following manner:

a) 100% (excluding AIT and VAT which will be deducted at source by purchaser) upon receipt by the Purchaser of the delivered goods on site and acceptance of the delivered goods by the purchaser in accordance with the contract.

9. Warranty: Goods offered should be covered by manufacturer's warranty for at least 12 months from the date of delivery to the Purchaser.

10. Defects: All defects will be corrected by the Supplier without any cost to the Purchaser within 30 day from the date of notice by Purchaser. The name and address of service facility where the defects are to be corrected by the supplier within the warranty period are:

The Technical Training Centers as stated in the Supply Schedule (Place of Destination)

11. Force Majeure: The supplier shall not be liable for penalties or termination for default if and to the extent that its delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

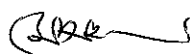
For purposes of this clause, "Force Majeure" means an events beyond the control of the Supplier and not involving the Supplier's fault or negligence and not foreseeable. Such events may include, but not restricted to, act of Purchaser in its sovereign capacity, wars or revolutions, fires, floods, epidemics, quarantine restrictions, and freight embargoes.

If a Force Majeure situation arises, the Supplier shall promptly notify the Purchaser in writing of such condition and the cause thereof. Unless otherwise directed by the Purchaser in writing, the Supplier shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by Force Majeure event.

12. Required Technical Specifications: (with attachments as necessary)

- (i) General Description
- (ii) Specific details and technical standards
- (iii) Performance Parameters

Supplier confirms compliance with above specifications.



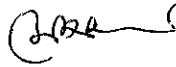
13. Failure to Perform: The Purchaser may cancel the Agreement if the Supplier fails to deliver the Goods, in accordance with the above terms and conditions, in spite of a 14-day notice given by the Purchaser, without incurring any liability to the Supplier.

NAME OF SUPPLIER: _____

Authorized Signature : _____

Place: _____

Date : _____

A handwritten signature in black ink, consisting of a circular initial followed by a cursive name.

Technical Specifications of Required Items

Item No.	Description of Item	Required Technical Specification
	Electrical Installation and Maintenance	As in Attachment - 2
1	Electric Hand Drill Machine	
2	Earth Resistance Testing Megger	
3	Manual Coil Winding Machine with Counter	
4	Three Phase SDB with buss bar (2'x2')	
5	Angle Grinder	
6	Multi-meter (Digital)	
7	Clip-on-meter	
8	03 Phase Energy Meter	
9	01 Phase Energy Meter	
10	Ceiling Fan Motor	
11	Single Phase Induction Motor (2HP)	
12	Three Phase Induction Motor (05 HP)	
13	DOL Starter	
14	Star Delta Starter	
15	Magnetic Contactor 50Amp (Coil Voltage 250)	
16	Solar Power System (50 Amp) with battery	
17	Ladder	
	Electronics	
18	Multi-meter (Digital)	
19	Oscilloscope	
20	Desoldering Pump	
21	Color TV Trainer Board with Monitor	
22	Hot Gun with Soldering Iron	

(Signature)

LETTER OF ACCEPTANCE

Date: _____

To: _____ [Name and address of the Supplier]

Dear Sir or Madam,

This is to notify you that your Quotation dated _____ for the execution of the [name and number of the Contract Package] for the Contract price of _____ [amount in words and figures], as corrected and modified in accordance with the Request for Quotation has been accepted by us.

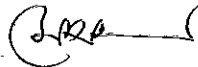
You are also requested to sign the attached Form of Contract and commence supply of the goods not later than _____ and ensure the completion of the delivery of goods within the delivery time specified in the contract.

For and on behalf of the Purchaser:

Authorized signature: _____

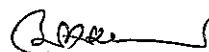
Name of signatory : _____

Title: _____

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Technical Specification Compliance Sheet

Item No.	Description of Item	Required Technical Specification	Offered Technical Specification	Compliance (C/NC)/ Remarks
Electrical Installation and Maintenance				
1	Electric Hand Drill Machine			
2	Earth Resistance Testing Megger			
3	Manual Coil Winding Machine with Counter			
4	Three Phase SDB with buss bar (2'x2')			
5	Angle Grinder			
6	Multi-meter (Digital)			
7	Clip-on-meter			
8	03 Phase Energy Meter			
9	01 Phase Energy Meter			
10	Ceiling Fan Motor			
11	Single Phase Induction Motor (2HP)			
12	Three Phase Induction Motor (05 HP)			
13	DOL Starter			
14	Star Delta Starter			
15	Magnetic Contactor 50Amp			
16	Solar Power System (50 Amp)			
17	Ladder			
Electronics				
18	Multi-meter (Digital)			
19	Oscilloscope			
20	Desoldering Pump			
21	Color TV Trainer Board with Monitor			
22	Hot Gun with Soldering Iron			



Attachment-2

Technical Specification of Goods and Related Services

Package No GD-104: Procurement of Training Equipment for Different TTCs and TSCs (Electrical Installations and Maintenance).

The Goods and Related Services shall comply with following Technical Specifications:

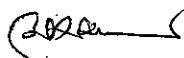
Electrical Installation and Maintenance

1. Electric Hand Drill Machine

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Type	Hammer type
06	No Load Speed	Minimum 2600 rpm
07	Chuck Capacity Min and Max	1.5 - 13 mm
08	Rated Input Power	1000 W, 220-230 V
09	Warranty	01 Year Full Warranty with Parts and Labor.

2. Earth Resistance Testing Megger

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Measuring Range	0.01 ohm to 1200 ohm/2000 ohm
06	Display Type	Min. 18 mm (0.7") LCD, Max. indication 1999.
07	Response Time	4 seconds on earth resistance range approximately. 1 seconds on earth voltage range approximately.
08	Safety Standard	IEC1010 or equivalent
09	Overload Protection	200V AC for 10 seconds across 2 of the 3 terminals for Earth Resistance measurement. 300V AC for 1 minute on Earth Voltage range.
10	Warranty	01 Year Full Warranty with Parts and Labor.



3. Manual Coil Winding Machine with Counter

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Overall requirement	Manual Single Coil Winding Machine with reel carrier, digit mechanical counter with mechanical traverse unit.
06	Spindle	Two spindle side loading type
07	Winding Width	0 to 99.9mm
08	Wire Gauge	45 SWG to 25 SWG
09	Winding Speed	300 rpm to 6000 rpm
10	Bobbin Swing Diameter	75mm or nearer
11	Winding Motor	1/4 HP, PMDC 180 VDC Rotomag motors or equivalent
12	Operating Voltage	230 Volts AC 50 Hz.
13	Traverse Type	H.S.S. Lead screw with box nut of 10mm pitch
14	Warranty	01 Year Full Warranty with Parts and Labor.

4. Three Phase Sub-Distribution Board (SDB)

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	Panel material of steel sheet or isolated materials of 1.5mm min. thickness, with Bus bar (2" x 2"), 01 Main MCCB Triple Pole (50A), and 10 Sub-circuit MCB Single Pole (10A)
06	Warranty	01 Year Full Warranty with Parts and Labor.

5. Angle Grinder

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	Hammer type
06	Disc Diameter	around 102 mm
07	No Load Speed	11,000 rpm maximum
08	Power Consumption (Watt)	710 W or near, 220-230v
09	Body Material	Metal

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10.	Warranty	01 Year Full Warranty with Parts and Labor.
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6. Multi-meter (Digital).

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	Multi and Large display with 3.75 digit display with 9V charger battery, meter probe and pencil battery.
06	Warranty	01 Year Full Warranty with Parts and Labor.

7. Clip-on-meter /Digital Clamp Meter

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	AC Current	2/20/200/400A±(1.5% +9)
06	AC Voltage	2/20/200/600V±(1.2% +5)
07	DC Voltage	200m/2/20/200/600V±(0.8% +1)
08	Resistance	200Ω/2kΩ/20kΩ/200kΩ/2MΩ/20MΩ±(1.0% +2)
09	Others	With provision of Diode Check, 2xAAA(1.5V)Batteries, and Test leads
10	Warranty	01 Year Full Warranty with Parts and Labor.

8. 03 Phase Energy Meter

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Voltage	3*220V/380V 50Hz
06	Current	3*20(80)A
07	Insulation performance	AC voltage 4KV, 1 minute, 1.2/50us waveform impulse voltage 6KV
08	Display mode	LCD display
09	Installation od	Rail type installation (35mm)
10	Warranty	01 Year Full Warranty with Parts and Labor.

9. 01 Phase Energy Meter

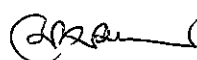
Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Voltage	230V AC
06	Current	5(60)A
07	Frequency	50Hz
08	Phase	1 Phase, 2 Wire
09	Starting Current	≤ 20mA
10	Warranty	01 Year Full Warranty with Parts and Labor.

10. Ceiling Fan Motor

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Motor for number and size of Blade	Motor for 3 blades of 52 inches each
06	Speed	More than 300 rpm
07	Others	High precision chrome steel ball bearing
08	Warranty	01 Year Full Warranty with Parts and Labor.

11. Single Phase Induction Motor (2HP)

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Type	Single phase AC Induction Motor or asynchronous motor
06	Power	4 pole 1440rpm, squirrel-cage type, 2 HP nominal power with 415 Volts @ 50Hz voltage
07	Cooling	Totally Enclosed Fan Cooled Enclosure
08	Performance	Foot mounting, high-efficiency performance, high starting torque, little vibration and reliable operation
09	Warranty	01 Year Full Warranty with Parts and Labor.



12. Three Phase Induction Motor (05 HP)

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Type	3 phase AC Induction Motor or asynchronous motor
06	Power	4 pole 1440rpm, squirrel-cage type, 5HP nominal power with 415 Volts @ 50Hz voltage
07	Cooling	Totally Enclosed Fan Cooled Enclosure
08	Performance	Foot mounting, high-efficiency performance, high starting torque, little vibration and reliable operation
09	Warranty	01 Year Full Warranty with Parts and Labor.

13. DOL Starter

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Automatic Grade	Automatic
06	Phase	Three Phase
07	Usage	Generator
08	Body Material	Mild Steel
09	Capacity (Amps)	40 Amps
10	Phase Type	Three Phase
11	Generators Range (KVA)	can be used for 25 KVA
12	LED Indicator	Yes
13	Warranty	01 Year Full Warranty with Parts and Labor.

14. Star Delta Starter

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	Auto Star Delta Starter with Timer, overload relay, 440V, 30Amp minimum.
06	Warranty	01 Year Full Warranty with Parts and Labor.

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15. Magnetic Contactor 50Amp

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	3 phase, Coil Voltage of 240V, Block type design with 03 main poles
10	Warranty	01 Year Full Warranty with Parts and Labor.

16. Solar Power System (50 Amp)

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Overall Requirement	60 Watt solar panel, 12 V 120 Ah battery, charge controller and Solar control Inverter-220V, 5 LED tube light, 1 solar stand fan, wiring and installation.
06	Warranty	01 Year Full Warranty with Parts and Labor.

17. Ladder

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	14 steps, made of aluminum or alloy used for general and electrical installations and maintenance.
06	Warranty	01 Year Full Warranty with Parts and Labor.

18. Multi-meter (Digital)

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	Multi and Large display with 3.75 digit display with 9V charger battery, meter probe and pencil battery.
06	Warranty	01 Year Full Warranty with Parts and Labor.

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19. Oscilloscope

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Channel Number	4
06	Type	Bench-type digital storage oscilloscope
07	Bandwidth	100MHz
08	Sample Rate Range	1GS/s
09	Record Length	Maximum 64K samples per single-channel; Maximum 32K samples per dual-channel (4K, 32K optional)
10	Accuracy	±50ppm
11	AD Converter	8-bit resolution, each channel sampled simultaneously
12	Selectable Analog Bandwidth Limit, typical	20MHz
13	Low Frequency Response (-3db)	≤10Hz at BNC
14	Display	7 inch 64 k TFT (Diagonal Liquid Crystal) Color LCD
15	Display Resolution	800 horizontal by 480 vertical pixels
16	Trigger Mode	Auto and normal
17	Trigger type	Edge, pulsewidth, slope, video, pattern, overtime, interval, UART, LIN, CAN, SPI
18	Warranty	01 Year Full Warranty with Parts and Labor.

20. Desoldering Pump

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	General Requirement	Anti-static solder pump, replaceable non-stick nylon tip
06	Warranty	01 Year Full Warranty with Parts and Labor.

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21. Color TV Trainer Board with Monitor

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Display Type	HD
06	Equipment Type	Trainer Kit, ISO Certified
07	Design Requirement	To be designed with a view to provide theoretical and practical knowledge of a general High Definition TV(HDTV) and Gain the Knowledge about all parts like IC, speaker, PCB Board etc. and a way to fully analyze HDTV.
08	Features to contain	<ul style="list-style-type: none"> -Introduction to color television -Characteristics of the DVB-T -Block diagram and circuit analysis of the TV set -Measurement and trouble-shooting on the different stages of the TV set -Tuner System controller -Audio/Video processor -Audio/Video interfaces -LCD panel controller -Sound amplifier -Power supply
09	Warranty	01 Year Full Warranty with Parts and Labor.

22. Hot Gun with Soldering Iron

Sl.	Purchaser's Required Technical Specification and Standards	
01	Brand	To be mention by Bidder
02	Model	To be mention by Bidder
03	Country of Origin	To be mention by Bidder
04	Country of Assemble	To be mention by Bidder
05	Screen	LCD Display
06	Power	25W – 60W, 220V AC
07	Operations	Regulating power control system
08	Warranty	01 Year Full Warranty with Parts and Labor.

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