

# SINDH PUBLIC PROCUREMENT REGULATORY AUTHORITY

## CONTRACT EVALUATION FORM

### TO BE FILLED IN BY ALL PROCURING AGENCIES FOR PUBLIC CONTRACTS OF WORKS, SERVICES & GOODS

- 1) NAME OF THE ORGANIZATION / DEPTT. Sindh Technical Education & Vocational Training Authority
- 2) PROVINCIAL / LOCAL GOVT./ OTHER Authority under the administrative control of Sindh Govt.
- 3) TITLE OF CONTRACT Machinery/Equipment for Electrical Technology Labs:
- 4) TENDER NUMBER STEVTA/Proc/Electical Lab/1(57)/2016.
- 5) BRIEF DESCRIPTION OF CONTRACT Supply of Machinery/Equipment for 08 institutes of STEVTA.
- 6) FORUM THAT APPROVED THE SCHEME STEVTA Governing Body.
- 7) TENDER ESTIMATED VALUE Rs. 95.00 Million.
- 8) ENGINEER'S ESTIMATE  
(For civil works only) Not Applicable
- 9) ESTIMATED COMPLETION PERIOD (AS PER CONTRACT) 120 days
- 10) TENDER OPENED ON (DATE & TIME) 10.03.2016 (Technical Proposal), 05.04.2016 (Financial Prop.)
- 11) NUMBER OF TENDER DOCUMENTS SOLD Nine (09)  
(Attach list of buyers)
- 12) NUMBER OF BIDS RECEIVED Five (05)
- 13) NUMBER OF BIDDERS PRESENT AT THE TIME OF OPENING OF BIDS Four (04)
- 14) BID EVALUATION REPORT  
(Enclose a copy) Hoisted on SPPRA website on 14.04.2016 vide S.No.349/2016.
- 15) NAME AND ADDRESS OF THE SUCCESSFUL BIDDER M/s. Al-Waqas Associates, Lahore
- 16) CONTRACT AWARD PRICE Package-IV Rs.9,640,000/- & Package-V Rs.19,888,000/-
- 17) RANKING OF SUCCESSFUL BIDDER IN EVALUATION REPORT  
(i.e. 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> EVALUATION BID). Accepted being 1st Lowest.
- 18) METHOD OF PROCUREMENT USED : - (Tick one)
- a) SINGLE STAGE – ONE ENVELOPE PROCEDURE N/A  Domestic/ Local
- b) SINGLE STAGE – TWO ENVELOPE PROCEDURE Yes  National
- c) TWO STAGE BIDDING PROCEDURE N/A
- d) TWO STAGE – TWO ENVELOPE BIDDING PROCEDURE N/A

PLEASE SPECIFY IF ANY OTHER METHOD OF PROCUREMENT WAS ADOPTED i.e.  
EMERGENCY, DIRECT CONTRACTING ETC. WITH BRIEF REASONS:

Managing Director STEVTA

19) APPROVING AUTHORITY FOR AWARD OF CONTRACT \_\_\_\_\_

20) WHETHER THE PROCUREMENT WAS INCLUDED IN ANNUAL PROCUREMENT PLAN?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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21) ADVERTISEMENT :

i) SPPRA Website  
(If yes, give date and SPPRA Identification No.)

Yes	17.02.2016 vide S.No. 26567.	
No		

ii) News Papers  
(If yes, give names of newspapers and dates)

Yes	Daily Dawn, Jang, Kawish on 24.02.2016.	
No		

22) NATURE OF CONTRACT

Domestic/ Local	<input checked="" type="checkbox"/>	Int.	<input type="checkbox"/>
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23) WHETHER QUALIFICATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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24) WHETHER BID EVALUATION CRITERIA  
WAS INCLUDED IN BIDDING / TENDER DOCUMENTS?  
(If yes, enclose a copy)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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25) WHETHER APPROVAL OF COMPETENT AUTHORITY WAS OBTAINED FOR USING A  
METHOD OTHER THAN OPEN COMPETITIVE BIDDING?

Yes	<input type="checkbox"/>	No	<input type="checkbox"/>
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26) WAS BID SECURITY OBTAINED FROM ALL THE BIDDERS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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27) WHETHER THE SUCCESSFUL BID WAS LOWEST EVALUATED  
BID / BEST EVALUATED BID (in case of Consultancies)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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28) WHETHER THE SUCCESSFUL BIDDER WAS TECHNICALLY  
COMPLIANT?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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29) WHETHER NAMES OF THE BIDDERS AND THEIR QUOTED PRICES WERE READ OUT AT  
THE TIME OF OPENING OF BIDS?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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30) WHETHER EVALUATION REPORT GIVEN TO BIDDERS BEFORE THE AWARD OF  
CONTRACT?  
(Attach copy of the bid evaluation report)

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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31) ANY COMPLAINTS RECEIVED  
(If yes, result thereof)

Yes	
No	No.

32) ANY DEVIATION FROM SPECIFICATIONS GIVEN IN THE TENDER NOTICE / DOCUMENTS  
(If yes, give details)

Yes	
No	No.

33) WAS THE EXTENSION MADE IN RESPONSE TIME?  
(If yes, give reasons)\*

Yes	N/A
No	N/A

34) DEVIATION FROM QUALIFICATION CRITERIA  
(If yes, give detailed reasons.)

Yes	
No	No.

35) WAS IT ASSURED BY THE PROCURING AGENCY THAT THE SELECTED FIRM IS NOT BLACK LISTED?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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36) WAS A VISIT MADE BY ANY OFFICER/OFFICIAL OF THE PROCURING AGENCY TO THE SUPPLIER'S PREMISES IN CONNECTION WITH THE PROCUREMENT? IF SO, DETAILS TO BE ASCERTAINED REGARDING FINANCING OF VISIT, IF ABROAD:  
(If yes, enclose a copy)

Yes	<input type="checkbox"/>	No	<input checked="" type="checkbox"/>
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37) WERE PROPER SAFEGUARDS PROVIDED ON MOBILIZATION ADVANCE PAYMENT IN THE CONTRACT (BANK GUARANTEE ETC.)?

Yes	<input checked="" type="checkbox"/>	No	<input type="checkbox"/>
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38) SPECIAL CONDITIONS, IF ANY  
(If yes, give Brief Description)

Yes	
No	No.

Signature & Official Stamp of  
Authorized Officer

  
Deputy Director (Procurement)  
STEVTA

**FOR OFFICE USE ONLY**

**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**  
ST-19, Block-6, Gulshan-e-Iqbal, Karachi.  
Tel: 021-99244112-7, Fax No.021-99244118  
web: <http://www.stevta.gos.pk>



No. STEVTA/Pro/Electrical Lab/1(57)/2016/193

Karachi, dated the 25<sup>th</sup> April, 2016.

To,

M/s. Al-Waqas Associates,  
3<sup>rd</sup> Floor, I.E.P Building, Liberty Round About,  
**Gulberg-III, Lahore.**

**SUBJECT: PURCHASE ORDER FOR PROCUREMENT OF EQUIPMENT/MACHINERY FOR ELECTRICAL TECHNOLOGY LABS OF SINDH TEVTA INSTITUTES AT KARACHI, HYDERABAD, SUKKUR, MIRPURKHAS & LARKANA REGIONS.**

Kindly refer to your Bid submitted to STEVTA for supply of Equipment/Machinery for Electrical Technology Labs of Sindh TEVTA Institutes at Karachi, Hyderabad, Sukkur, Mirpurkhas & Larkana Regions. It is informed that your bid have been found 1<sup>st</sup> Lowest Procurement Committee has recommended and approval of the Competent Authority to Award the Contract to your firm at the total price Rs. 29,528,000/- as quoted, as per details of specifications & quantities, given below:

Item #	Item Name	Specifications	Quantity	Rate per unit	Amount
			(Qty)	(PKR)	(PKR)
<b>Package-IV Digital Electronics &amp; Micro Processor Laboratory:-</b>					
1	<b>Regulator Power Supply</b>	5V, 500 MA (AW-PS-05 Pak).	96	13,500	1,296,000
2	<b>Digital IC Trainer.</b>	1) Input Power Supply-230V+ / - 10%,50Hz 2)Output-5V,1A,12V & -12V,500mA 3) 0.1Hz to 10Hz clock generator 4) Manual Pulsar Unit 5) Display Unit. (Pak Model No. AW-130).	80	20,000	1,600,000
3	<b>Digital IC Tester.</b>	1) TTL - 74 series, 54 series with STD,L,H,LS, S, ALS, AS, F, C devices can be tested. 2) CMOS - CD 40XX, CD41XX, CD45XX series are tested. 3) Display - 9 digit, 7- Segment LED/ LCD. 4) Test duration - Less than half a second. 5) 20 & 28 Pins ZIF IC socket. 6) Search mode to identify ICs number & its equivalentents. 7)Faulty pin identification 8) Self test facility. (YBD-868 China).	08	43,000	344,000





#	Item Name	Specifications	Quantity	Rate per unit	Amount
			(Qty)	(PKR)	(PKR)
4	<b>8085 Micro Processor Kit</b>	1) SDA -85 ME (Advanced Electronics systems) 2) CPU -8085 operating @ 3.072 MHz. 3) Memory - 64KB Max. ( 32Kb EPROM & 32Kb RAM ) Battery backup option for RAM 4) I/O Parallel - 48 I/O lines using two 8255. 5) I/O serial - one RS 232 compatible interface. 6) Timer- Three 16 bit counter/ timer using 8253 7) Keyboard - consisting of 28 numbers of computer grade keys. 8) Display - Six numbers of Seven segment LED displays. 9) are terminated in 50 pin berg stick for user expansion. 10) PIC - Optional facility for 8259 all the 8 interrupts are terminated in berg stick. 11) Monitor Software -16 KB of powerful user friendly monitor software with keyboard and serial modes. 12) built in DC power supply. (Dyna 85 India).	80	45,000	3,600,000
5	<b>Micro Controller Trainer Kit</b>	1) CPU: 8031/8051 operating at 11.0592 MHz. 2) Memory : EPROM 1: 32K bytes with monitor software. EPROM 2: Optional 32K ROM RAM 1: 32K data RAM RAM 2: 32K program/data RAM 3) I/O Parallel : 48 I/O lines using two 8255 4) I/O Serial: One RS 232 compatible interface. 5) Timer : Three 16 bit counter / timer using 8253 6) Keyboard: Consisting of 28 numbers of computer grade keys. 7) Display: Six numbers of seven segment displays. 8) Monitor software : 32Kb of powerful user friendly monitor software with keyboard & serial 9) Bus Signals: Bus signals terminated in burg strip. Controller specific lines like port 1 lines, T0, T1, INT0, INT 1, etc. Terminated in a burg stick header. 10) Power supply : Built in DC regulated power Supply. Kit operates on 230 V, 50 Hz AC supply. (AW-8051 Pak).	40	30,000	1,200,000
6	<b>8086 Trainer</b>	1) CPU: 8086/88 Operating @ 5Mhz in Max	32	50,000	1,600,000



Item Name	Specifications	Quantity	Rate per unit	Amount	
		(Qty)	(PKR)	(PKR)	
Kit.	<p>mode with provision for 8087co-processor.</p> <p>2) Memory: Maximum of 128KB on board EPROM. Maximum 64KB of on board RAM. Battery backup option for RAM</p> <p>3) I/O parallel : 48 I/O lines using two 8255</p> <p>4) I/O Serial: One RS 232 compatible interface.</p> <p>5) Timer : Three 16 bit counter / timer using 8253</p> <p>6) Keyboard.</p> <p>7) Display: Alphanumeric LCD module (2line x 16 characters).</p> <p>8) Bus Signals: All address &amp; data control signals terminated in 50 pin berg stick, 8259</p> <p>9) Monitor software: 64KB of powerful user friendly monitor software with keyboard &amp; serial modes. The PC keyboard allows users to directly assemble disassemble mnemonics for 8086 using Alphanumeric LED display.</p> <p>10) Power Supply: 230 V, 50Hz. Built-in DC regulated power supply. (Dyna 86 India).</p>				
			<b>Total:</b>	<b>9,640,000</b>	
<b>Package-V Communication Laboratory:-</b>					
1	<b>R.F. Signal Generator.</b>	<p>1) Frequency Range - 50Hz to 50 MHz in 7 Bands.</p> <p>2) RF Out/Put - Variable from 1 <math>\mu</math>v -10mv</p> <p>3) Modulation Level - 30 % +/- 10%</p> <p>4) A. F. Modulation Frequency - 400Hz.</p> <p>5) A. F. O/P - 10<math>\mu</math>v to 1 volt</p> <p>6) Power supply - 230v, Single Phase, 50 hz. (MAG-450 China).</p>	40	35,000	1,400,000
2	<b>Digital Storage Oscilloscope</b>	<p>1) 100 MHz and 200 MHz Bandwidth.</p> <p>2) Sample rates up to 2 GS/S real-time.</p> <p>3) 2 or 4 Fully isolated and floating channels</p> <p>4) 8 Hours of continuous Battery operation with two batteries installed.</p> <p>5) FFT standard on all models</p> <p>6) Advanced triggers to quickly capture the event of interest</p> <p>7) 11 Automatic Measurements. (Model SDS-1104 CFL China).</p>	16	140,000	2,240,000
3	<b>R.F. Power O/P Meter</b>	<p>1) Power Range - 0.5 to 10.0 Watts &amp; 5 to 25 Watts in 2 ranges</p> <p>2) Frequency Range - DC to at least 500 MHz. 3)I/P Impedance - 50 ~ +/- 5 % ~ (Model 330 Load Star Taiwan)</p>	24	80,500	1,932,000



	Item Name	Specifications	Quantity	Rate per unit	Amount
			(Qty)	(PKR)	(PKR)
4	EPABX Training System.	1) No. of I/P 2 Direct line. 2) No. of extension 4 lines. 3) Protection: Opt isolation for I/P and extenuation line. 4) Programmable. 5) Standard features: Tones such as dial, busy, ring etc. Dialing - DTMF and Pulse. 6) Program Memory : EEPROM 7) Loop resistance ; Extension 600 ns, co-line 1200 microsecond 8) cross talk attenuator - 70 dBm. 9) ideal channel voice - 70 dBm 10) Longitudinal balance - 60 dBm. 11) Test points - more than 25 Nos. 12) 230 Volt +/- 10 % , 50 Hz. (Model.IT-4416 Pak).	08	198,000	1,584,000
5	Digital Multi Meter.	1) Voltage range - DC 200mv to 1000 volt. AC 200 mv to 600 v rms 2) Current range - DC 200 $\mu$ A to 2 Amp AC 200 $\mu$ A to 2 Amp 3) Resistance range - 2000 ~ to 20 M~ 4) Power supply - 230 V +/- 10 % 50 Hz. (China).	40	6,600	264,000
6	Digital LCR Meter.	1) Variables measured - L,C,R & Loss-angle (Defector) 2) Measured frequencies - 1KHz & 100Hz. 3) Display - 3 1/2 digit. 4) Measurement ranges - Resolution a) Resistance- 0.00~ to 20 M~, 0.1 ~ b) Capacitance - 0.0pf to 20000 $\mu$ f, 0.1 pf c) Inductance - 0.0 $\mu$ H to 20000H, 0.1 $\mu$ H d) D-Factor - 0.01 to 8.0 with 1 % accuracy. e) Power supply - 230 V +/- 10 %, 50 Hz. (MCH-2811C China) .	16	55,000	880,000
7	Pulse Generator.	1) Pulse repetition rate - 0.1 Hz to 10 MHz in 8 decade ranges. 2) Rise & fall time - 10 ns - 2 ns 3) Pulse width - 35 ns and 0.1 $\mu$ sec to 1 sec in y decade range 4) O/P - 40 mv to 5 v across 50 ~ in six step 5) Power supply - 230 v +/- 10 % 50 Hz. (TFG1910P China).	16	52,000	832,000
8	Function Generator.	1) Out Put wave form - Sine, Triangle, Square. 2) Frequency range - 0.1 Hz to 10 MHz. 3) Amplitude Range - 30mv to 30 Volt P P 4) O/P impedance - 50 V. 5) Display - 4 digit LED/ LCD (MFG-3010 China).	16	47,500	760,000
9	DC Regulated Dual Power Supply	1) O/P Voltage - 0 to 30 Volt, 2A in 3 range in both channel 2) Display - 3 1/2 digit 3) Load regulation - 0.5 % + 10mv, no load full load for each channel	24	39,500	948,000



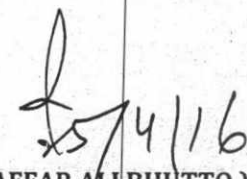
	Item Name	Specifications	Quantity	Rate per unit	Amount
			(Qty)	(PKR)	(PKR)
		4) Line regulation - 0.05 % + 15 mv for +/- Variation around 230 volt 5) O/P imp - 15 milliohms 6) Ripple - less than 1mv rms. 7) I/P supply - 230 V +/- 10 % 50 Hz. (MCH-302DII China).			
10	<b>Distortion Factor Meter.</b>	1) Frequency - 20Hz to 200 KHz in fur ranges. 2) Distortion - 0.1 % to 100 % f.s.d in >Steps 3) I/P Sensitivity - 100mv (r.m.s.) 4) I/P Impedance - 1M~/160pf 5) Voltmeter Range -300μv to 300 volts f.s.d. in 13 range 6) Power 230V +/- 10% 50Hz, A.C. Mains. (Model ST-4092 India).	16	97,000	1,552,000
11	<b>Mobile Phone Trainer</b>	1) Cellular System : EGSM / GSM 900 2) Rx frequency band : EGSM 925 ...960 MHz 3) Tx frequency band : EGSM 880 ....890 MHz 4) O/P power : + 5, +33 dBm / 3.2 m W to 2 W 5) Channel spacing : 200 KHz 6) Antenna : Loop type , 50 W 7) No. test point : 42 8) No. of switched fault : 25 (Model IT-702 Pak).	08	150,000	1,200,000
12	<b>Satellite Communication Trainer</b>	1) Uplink Transmitter 1200/1250/1300 MHz Uplink Frequency 4 MHz Clock Frequency Wide band RF Amplifier 8 Bit RISC Processor 16 MHz Band width 2) Satellite link : Transponder with selectable frequency converts. Radiated power 25 mW. Detachable Dish Antennas 3) Downlink Receiver : Intermediate frequency 479.6 MHz. 1 100/1 150/1200 MHz fix frequency tuning 60 dBm sensitivity at tuner input Detachable Dish Antennas (Model IT-703 Pak).	08	398,000	3,184,000
13	<b>Fiber Optics Trainer.</b>	1) Transmitter: 1No. Fiber Optic LED having peak wavelength of emission 660 nm 2) Receiver: 1No. Fiber Optic Photo detector 3) Modulation Techniques : 1 AM 2 FM 3 PWM 4) Clock : Crystal Controlled clock 4.096 MHz 5)Power Consumption 3VA (Model IT-4410).	08	98,500	788,000



	Item Name	Specifications	Quantity	Rate per unit	Amount
			(Qty)	(PKR)	(PKR)
14	VCD Player Trainer.	1) system : PAL, NTSC 2) Laser : Semiconductor laser 3) Wave Length 780 to 790 nm 4) Frequency Range : 20 Hz to 20 KHz 5) Modulation EFM 6) Quantization : 16 Bit/liner/channel 7) Sampling Frequency : 44.1 KHz 8) RF Out Put VHF III Band (Model 10904 India/Pak).	08	80,500	644,000
15	Antenna Trainer.	1) RF Generator: 750 MHz . 2) Tone Generator: 1 KHz. 3) Directional Coupler: Forward & Reverse. 4) Matching stub: slider type. 5) Antenna Rotation: 0 - 360 deg. 6) Receiving Antenna: Folded dipole with reflector. 7) Detector display : level adjustable meter (Model IT-8400 Pak).	08	210,000	1,680,000
				<b>Total:</b>	<b>19,888,000</b>
				<b>Grand Total:</b>	<b>29,528,000</b>

You are hereby requested through this letter to submit your acceptance along with Performance Security @ 10% of the contract value/amount, within Seven (7) days receipt of this letter and sign the contract documents, failing which this bid offer will stand cancelled.

All terms and conditions mentioned in the tender document shall remain the same.

*of*   
( MUZAFFAR ALI BHUTTO )  
Deputy Director (Procurement)

*Received.*  
*Muzafer Ahmad*







**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**  
St-19, Block-6, Gulshan-e-Iqbal, Karachi.



No. STEVTA/Proc/Electrical Labs/1(57)/2016

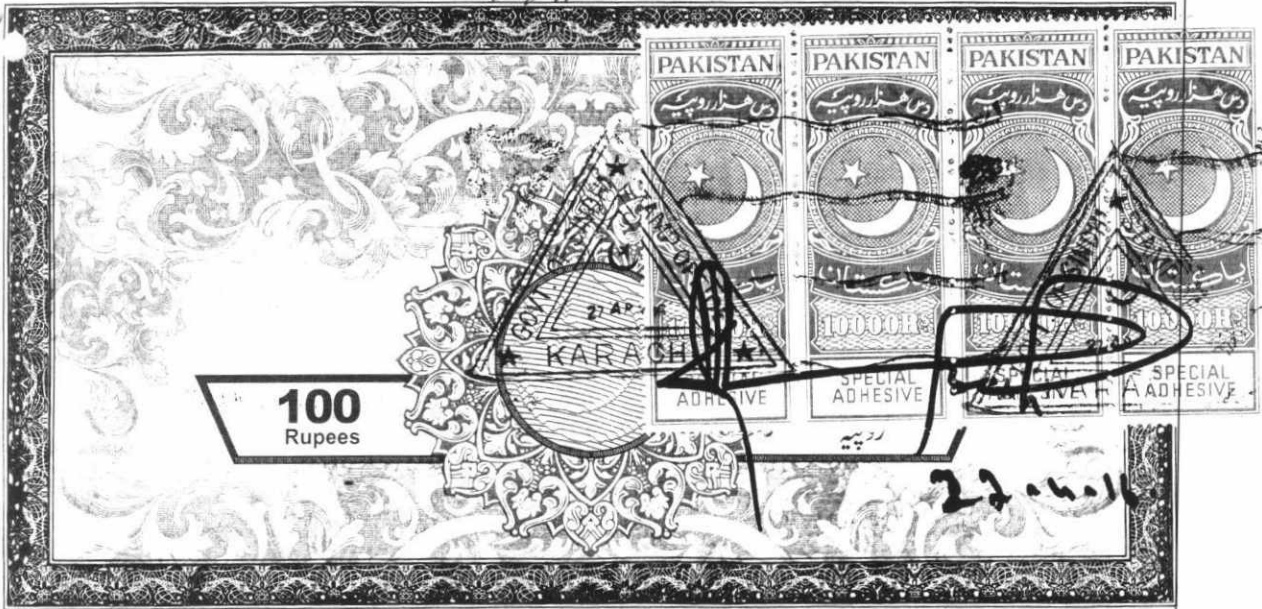
Dated the \_\_\_\_ April, 2016

**Contract Agreement Document**

**Procurement of  
Equipment/Machinery for Electrical Technology  
Labs of Sindh TEVTA Institutions at Karachi/  
Hyderabad/Mirpurkhas/Sukkur & Larkana Regions**

<b>Tender No.</b>	No. STEVTA/Pro/Electrical Lab/1(57)/2016/
<b>Title of Bid:</b>	Tender for procurement of Equipment/Machinery for Electrical Technology Labs of Sindh TEVTA Institutions at Karachi/Hyderabad/Mirpurkhas/Sukkur & Larkana Regions.
<b>No. Of Consignees:</b>	As per details at Section (V) (Page-38).
<b>Date of Contract:</b>	28.04.2016.
<b>Date of Completion:</b>	Ninety (90) Days.
<b>Name of Contracting Firm:</b>	M/s. Al-Waqas Associates, Lahore.





MUHAMMAD ASADULLAH STAMP VENDOR  
Using the facilities of the  
Post Office, District Office, District Office, District Office  
No. 103-8  
STEUTA  
Stamp Vendor's Signature

27 APR 2016

(RUPEES ONE HUNDRED ONLY)

**Contract Agreement**

THIS AGREEMENT is made on the 27<sup>th</sup> of April 2016 between **Sindh Technical Education & Vocational Training Authority (STEUTA)** of Karachi, Pakistan (hereinafter called "the Purchaser" of the one part.

AND

**M/s. Al-Waqas Associates, Lahore, Pakistan** (hereinafter called "the Supplier") of the other part.

WHEREAS the Purchaser invited bids for certain goods and ancillary services, viz: supply of Electrical Technology Lab Equipment/Machinery for Sindh TEVTA Institutions for Package-IV & V for 08 institutes selected under STEUTA and has accepted a bid by the Supplier for the supply of those goods and services in the sum of Rs29,528,000/- (Rupees Twenty Nine Million Five Lac and Twenty Eight Thousand only) (hereinafter called "Contract Price").

NOW THIS AGREEMENT WITNESS AS FOLLOWS:

1. In this Agreement, words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
2. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:

- the Bid Form and Price Schedule submitted by the Bidder.
- the Schedule of Requirements;
- the Technical Specifications;
- the General Conditions of Contract;
- the Special Conditions of Contract; and.
- the Purchaser's Notification of Award.




*[Signature]*  
Deputy Director (Procurement)  
STEUTA



3. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the goods and services and to remedy defects therein in conformity in all respects with the provisions of the Contract.

4. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the goods and services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of contract at the times and in the manner prescribed by the contract. IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with their respective laws the day and year first above written.

Signed by  Name Muzafar Ali Bhatt Deputy Director (Procurement) STEVTA

Signed by Proprietor Name Waqar Ahmad Partner, M/s. Waqar Ahmad



M/s. \_\_\_\_\_

Tender Cost Rs.2,000/- (Non-Refundable/Non-Transferable), Tender Enquiry No. \_\_\_\_\_

Earnest Money: 5% of total bid value

Date of Tender Submission: 10.03.2016 till 11:00 AM

Date of Opening of Technical Proposal: 10.03.2016 on 11:30 AM

### Bid Submission Sheet

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

ICB NO.: \_\_\_\_\_

Invitation for Bid No.: \_\_\_\_\_

Alternative No.: \_\_\_\_\_

The Managing Director,  
Sindh Technical Education &  
Vocational Training Authority,  
Karachi

I, the undersigned, declare that:

I have examined and have no reservations to the Bidding Document, including Addenda No.:

We offer to supply in conformity with the Bidding Document and in accordance with the delivery schedule specified in the Schedule of Supply, the Goods and Related Services.

The total price of our Bid, excluding any discounts offered in item (d) below is:  
Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_);

The discounts offered and the methodology for their application are: \_\_\_\_\_

Our Bid shall be valid for a period of 90 days from the date fixed for the bid submission deadline in accordance with the Bidding Document, and it shall remain binding upon us and may be accepted at any time before the expiration of that period;

If our Bid is accepted, we commit to obtain a Performance Security @ 10% of the Contract Price for the due performance of the Contract;



AL - WAQAS ASSOCIATES  
*Proprietor*  
Proprietor



(1) Our firm, including any subcontractors or suppliers for any part of the Contract, have nationalities from these eligible countries; \_\_\_\_\_; \_\_\_\_\_; \_\_\_\_\_;

(2) We are not participating, as Bidders, in more than one Bid in this bidding process, other than alternative offers in accordance with the Bidding Documents;

(3) Our firm, its affiliates or subsidiaries, including any subcontractors or suppliers for any part of the contract, has not been declared ineligible by the Government;

(4) The following commissions, or fees have been paid or are to be paid with respect to the bidding process or execution of the Contract:

<u>Name of Receipt</u>	<u>Address</u>	<u>Reason</u>	<u>Amount</u>
_____	_____	_____	_____
_____	_____	_____	_____

(If none has been paid or is to be paid, indicate "none.")

(5) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal Contract is prepared and executed.

(6) We understand that you are not bound to accept the lowest evaluated bid or any other bid that you may receive.

Name \_\_\_\_\_

In the capacity of \_\_\_\_\_

Signed \_\_\_\_\_

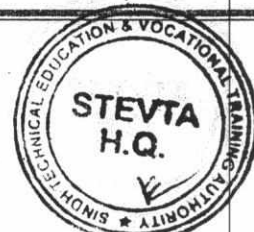
Duly authorized to sign the security for and on behalf of \_\_\_\_\_

\_\_\_\_\_



AL - WAQAS ASSOCIATES

*Amal*  
Proprietor



**Price Schedule Format  
( Financial Proposal )**

Name of Bidder \_\_\_\_\_ IFB Number \_\_\_\_\_ Page \_\_\_\_\_ of \_\_\_\_\_

1	2	3	4	5	6
Package/ Item	Description	Country of Origin Make/Model	Quantity	Unit Price (in PKR)	Total Price (in PKR)
					(Col: 4 x 5)
<b>Total Amount :-</b>					

Name \_\_\_\_\_

In the capacity of \_\_\_\_\_

Signature \_\_\_\_\_

Authorized to sign the security for and on behalf of \_\_\_\_\_

\_\_\_\_\_



AL - WAQAS ASSOCIATES  
*Amad* Proprietor



**Bid Security / Earnest Money Form**

WHEREAS \_\_\_\_\_ hereinafter

called the "*Bidder*" has submitted its bid, dated \_\_\_\_\_ for the supply of \_\_\_\_\_  
\_\_\_\_\_ in Sindh, hereinafter called the "*Bid*".

KNOW ALL MEN by these presents that I/We \_\_\_\_\_ of

\_\_\_\_\_ having our registered office  
at \_\_\_\_\_ do hereby submit Earnest Money of Rs.

\_\_\_\_\_ (Rupees \_\_\_\_\_) for the

foresaid Bid in the shape of Pay Order/Demand Draft No. \_\_\_\_\_ dated  
\_\_\_\_\_ issued by \_\_\_\_\_ Bank in favour of "Sindh Technical

Education & Vocational Training Authority", hereinafter called "*Procuring Agency/Purchaser*".

Name of Supplier (s)

\_\_\_\_\_

Authorized Representative

\_\_\_\_\_

Dated: \_\_\_\_\_



AL - WAQAS ASSOCIATES

*Amad* Proprietor



## Bid Security / Earnest Money Sheet

Tender No. \_\_\_\_\_ (Procurement of \_\_\_\_\_)

S.No.	Package No.	Estimated Cost (in PKR)	Bid Value (in PKR)	Earnest Money @ 5% of Offered Value		
				Amount	P.O / D.D	Name of Bank
1	2	3	4	5	6	7
<b>Total Amount :-</b>						

Signature of the Bidder \_\_\_\_\_

Name & Address \_\_\_\_\_

Firm's Stamp \_\_\_\_\_

Dated: \_\_\_\_\_



AL - WAQAS ASSOCIATES

*Ahmad* Proprietor



## Technical Proposal

Item No.	Description / Specifications	Make / Model

( Catalogue, brochure and other relevant literature should be provided )

Name \_\_\_\_\_

In the capacity of \_\_\_\_\_

Signature \_\_\_\_\_

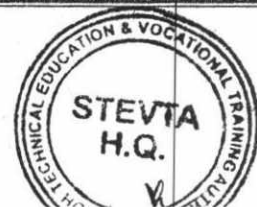
Duly authorized to sign the security for and on behalf of \_\_\_\_\_

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



AL - WAQAS ASSOCIATES

*Amad*  
Proprietor





# AL - WAQAS ASSOCIATES

DEALERS IN :  
Technical Education & Special Education.  
All kinds of Mechanical, Electrical, Electronic Equipments & Machinery.  
Computer Hardware & Peripheral

Ref. No. AWA/3263

Date: 09/03/016

The Deputy Director (Procurement),  
Sindh Technical Education & Vocational Training Authority (STEVTA),  
ST-19, Block-6, Gulshan-e-Iqbal,  
Karachi

Subject: **SUBMISSION OF TENDER DOCUMENTS (FINANCIAL PROPOSAL) FOR THE PROCUREMENT OF EQUIPMENT/MACHINERY DUE ON: 10-03-2016.**

Dear Sir,

We are sending herewith our tender (Financial Proposal), in connection with the procurement of Equipment/Machinery for Electrical Technology Labs: of Sindh TEVTA Institute at Karachi, Hyderabad, Sukkur, Mirpurkhas & Larkana regions, alongwith our 2.5% earnest money (approximately) amounting to Rs. 1,250,000/- Vide CDR # 0259228 Askari Bank Limited, Dated: 09-03-2016. In this regard the prescribed tender documents containing terms and conditions duly signed by the undersigned are also enclosed herewith for your kind perusal.

It is certified that our firm is registered with the Income Tax as well as sales Tax departments, photocopies of the registration certificates are sent herewith for your kind information.

Yours Faithfully,



Waqar Ahmad.  
Managing Director.



**HEAD OFFICE:** 3rd Floor, IEP Building,  
Liberty Roundabout, Gulberg III, Lahore - Pakistan.  
Ph: 042-35759922 Fax: 0092-42-35759923  
E-mail: awapk@hotmail.com

**BRANCH OFFICE:**  
Asad Building (Basement),  
Dr. Bano Road, Quetta - Pakistan.  
Tel: 081-2833718 Fax: 0092-81-282391

# AL - WAQAS ASSOCIATES *AW*

DEALERS IN :  
 Technical Education & Special Education.  
 All kinds of Mechanical, Electrical, Electronic Equipments & Machinery.  
 Computer Hardware & Peripheral

Ref. No. \_\_\_\_\_

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

## Financial Proposal

Name of Bidder: **AL-WAQAS ASSOCIATES**

1	2	3	4	5	6
Item	Description	Country of Origin Make/Made	Quantity	Unit Price (in PKR)	Total Price (in PKR) (Col: 4x5)
	Package.I. (General Purpose & Power system Laboratory)				
1	Ammeter Meter MI-Type		40		0
2	Ammeters - PMMC Type		40		0
3	Volt Meters - MI Type		40		0
4	Volt Meters-PMMC Type		40		0
5	Watt Meters		40		0
6	Low P.F Watt meters		8		0
7	Power Factor Meters		8		0
8	Galvano meter		40		0
9	Digital Temperature Indicator 9V		8		0
10	Watt Meters		48		0
11	Rheostate		40		0
12	Rheostate Variable		40		0
13	1-PH, Loading Inductor		40		0
14	1-PH, Variable Capacitor		40		0
15	Dimmer		32		0
16	Transformer		16		0
17	Dual Trace Oscilloscope		16		0
18	Bread Board		32		0
19	Knife Switches		32		0
20	D.C Regulated Power supply 0.30V		40		0
21	3-Phase variable load		16		0
22	3-Phase Auto Transformer		16		0
23	Varification of supperposition Theorem Trainer Kit.		32		0
24	Varification of Thevenin's Theorem Trainer kit		32		0
25	Varification of maximum power Transfer Theorem Trainer Kit		32		0
26	Varification of Norton's Theorem Trainer Kit		32		0

*Handwritten signatures and dates:*  
 Ahmad  
 MAN(17), MED  
 Asad  
 5/4/16  
 12/4/16

AL - WAQAS ASSOCIATES  
*Waqas Ahmad*  
 Proprietor

HEAD OFFICE: 3rd Floor, IEP Building,  
 Liberty Roundabout, Gulberg III, Lahore - Pakistan  
 Ph: 042-35759922 Fax: 0092-42-35759923  
 E-mail: awapk@hotmail.com



BRANCH OFFICE:  
 Asad Building (Basement),  
 Dr. Bano Road, Quetta - Pakistan.  
 Tel: 081-2833718 Fax: 0092-81-2823918

# AL - WAQAS ASSOCIATES *AW*

DEALERS IN :  
**Technical Education & Special Education.**  
**All kinds of Mechanical, Electrical, Electronic Equipments & Machinery.**  
**Computer Hardware & Peripheral**

Ref. No. \_\_\_\_\_

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

27	Varification of Kirchhoff, s Laws Trainer Kit.	32	0
28	CT	8	0
29	PT	8	0
30	Clip on Ammeter	16	0
31	Induction Energy Meters	16	0
32	Induction Energy Meters	16	0
33	Kelvin's Double Bridge	16	0
34	Insulation Tester (Meager)	16	0
35	Earth Tester	40	0
36	Phase Sequence Meter	16	0
37	Potentiometer	16	0
38	Lamp Bank	16	0
39	Single Phase KWH Meter	8	0
40	KWH Meter	8	0
41	Capacitance Bank Local	8	0
42	Loading Rheostate	40	0
43	VAR Meters	40	0
44	Relay Testing Equipment	8	0
45	Motorised Oil Test Set	8	0
46	Models of Different Circuit Brakers	8	0
47	Over Current Relay	8	0
48	Electrical Power System Simulator	8	0
49	Induction Motor Simulator	8	0
50	AC High Voltage Unit	8	0
51	AC High Voltage Unit	8	0
52	AC High Voltage Unit	8	0
53	Transmission Line Simulator	8	0
54	Digital Cable Fault Locatior Testing Kit	8	0
	<b>Package.II. (Electrical Machine Laboratory)</b>		
1	Auto Transformer	16	0
2	Transformer	16	0
3	Transformer	16	0
4	Transformer	24	0
5	Synchronous Motor	8	0
6	Hopkinson's Test Equipment	8	0
7	Rectifier	8	0
8	Motor-Alternator Set	8	0
9	Induction Motor	16	0
10	Induction Motor-Generator Set	8	0
11	DC Shunt Machine	16	0

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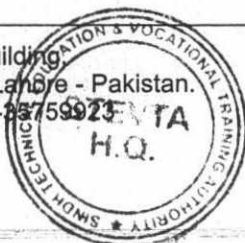
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 19/4/16

AL - WAQAS ASSOCIATES

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 Proprietor

**HEAD OFFICE:** 3rd Floor, IEP Building,  
 Liberty Roundabout, Gulberg III, Lahore - Pakistan.  
 Ph: 042-35759922 Fax: 0092-42-35759923  
 E-mail: awapk@hotmail.com



**BRANCH OFFICE:**  
 Asad Building (Basement),  
 Dr. Bano Road, Quetta - Pakistan.  
 Tel: 081-2833718 Fax: 0092-81-2823918

# AL - WAQAS ASSOCIATES *AW*

DEALERS IN :  
**Technical Education & Special Education.**  
**All kinds of Mechanical, Electrical, Electronic Equipments & Machinery.**  
**Computer Hardware & Peripheral**

Ref. No. \_\_\_\_\_

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

12	DC Series Motor Generato Set	8	0
13	DC Motor Generator Set	8	0
14	Loading Rheostate	32	0
15	Rheostate	8	0
16	Variable Choke Coil (Inductor)	16	0
17	Variable Choke Coil (Inductor)	16	0
18	Ammeter	160	0
19	Volt Meter	135	0
20	Tachometer (Mechanical)	48	0
21	Stroboscope	8	0
22	Galvano meter	16	0
23	DC Series Motor	8	0
24	Starter	8	0
	<b>Package.III.</b>		
	<b>Electronics Basic Laboratory)</b>		
1	CRO-20 MHz Dual Channel	96	0
2	CRO-20 MHz Dual Channel	96	0
3	DC Regulated Dual Power Supply	96	0
4	Digital Multimeter (Table Model)	96	0
5	Digital LCR Meter	16	0
6	Pulse Generator	16	0
7	Electronics Lab Bench	8	0
8	DC Volt meter	96	0
9	DC Volt meter	96	0
10	DC Volt meter	96	0
11	DC Ammeter	96	0
12	DC Ammeter	96	0
13	DC Ammeter	96	0
14	DC Ammeter	96	0
15	DC Ammeter	96	0
16	Digital Multimeter	96	0
17	Electronic Tacho-meter	80	0
18	Universal Motor	8	0
19	PC Based Data Acquisition and Instrumentation Trainer	8	0
20	PLC Trainer	8	0
21	Antenna Trainer	8	0
22	Linear IC Trainer	40	0
23	Soldering Gun	16	0
24	De-Soldering Pump	16	0
25	Screw Driver Sets	16	0
26	Aligner Set	16	0
27	Nose Pliers	16	0

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 5/14/16

AL - WAQAS ASSOCIATES

*Yaqar Ahmad*  
 Proprietor



**HEAD OFFICE:** 3rd Floor, IEP Building,  
 Liberty Roundabout, Gulberg III, Lahore - Pakistan.  
 Ph: 042-35759922 Fax: 0092-42-35759923  
 E-mail: awapk@hotmail.com

**BRANCH OFFICE:**  
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 Dr. Bano Road, Quetta - Pakistan.  
 Tel: 081-2833718 Fax: 0092-81-2823918



# AL - WAQAS ASSOCIATES *aw*

DEALERS IN :  
**Technical Education & Special Education.**  
 All kinds of Mechanical, Electrical, Electronic Equipments & Machinery.  
 Computer Hardware & Peripheral

Ref. No. \_\_\_\_\_

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

28	Wire Cutter		16		0
29	Tweezers		80		0
30	Wire Stripper		16		0
31	Ribber Mallet		8		0
32	Ball Peen Hammer		8		0
33	Computer		8		0
34	Printer		8		0
35	Isolation X former		16		
36	Pulse Generator		16		
<b>Package-IV (Digital Electronics &amp; Micro Processor Laboratory)</b>					
1	Regulator Power Supply	Pak AW-PS-05	96	13500	1296000
2	Digital IC Trainer	Pak Model: AW-130	80	20000	1600000
3	Digital IC Tester	YBD-868 China	8	43000	344000
4	8085 Micro Processor Kit	Dyna 85 India	80	45000	3600000
5	Micro Controller Trainer Kit	AW-8051 Pak	40	30000	1200000
6	8086 Trainer Kit	Dyna 86 India	32	50000	1600000
<b>Total Package-IV</b>					
<b>9640000</b>					
<b>Package-V (Communication Laboratory)</b>					
1	R.F Signal Generator	MAG-450 China	40	35000	1400000
2	Digital Storage Oscilloscope	Model:SDS-1104CFL China	16	140000	2240000
3	R.F Power O/P Meter	Model:330 Loadstar Taiwan	24	80500	1932000
4	EPABX Training System	Model: IT-4416 Pak	8	198000	1584000
5	Digital Multimeter	China	40	6600	264000
6	Digital LCR Meter	MCH-2811C China	16	55000	880000
7	Pulse Generator	TFG1910P China	16	52000	832000

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AL - WAQAS ASSOCIATES

*Handwritten signature:* Waqas Ahmad  
 Proprietor



**HEAD OFFICE:** 3rd Floor, IEP Building,  
 Liberty Roundabout, Gulberg III, Lahore - Pakistan.  
 Ph: 042-35759922 Fax: 0092-42-35759923  
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**BRANCH OFFICE:**  
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 Dr. Bano Road, Quetta - Pakistan.  
 Tel: 081-2833718 Fax: 0092-81-2823

# AL - WAQAS ASSOCIATES *AW*

DEALERS IN :  
**Technical Education & Special Education.**  
**All kinds of Mechanical, Electrical, Electronic Equipments & Machinery.**  
**Computer Hardware & Peripheral**

Ref. No. \_\_\_\_\_

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

8	Function Generator	MFG-3010 China	16	47500	760000
9	DC Regulated Dual Power Supply	MCH-302DII China	24	39500	948000
10	Distortion Factor Meter	Model:ST-4092 India	16	97000	1552000
11	Mobile Phone Trainer	Model: IT-702 Pak	8	150000	1200000
12	Satellite Communication Trainer	Model: IT-703 Pak	8	398000	3184000
13	Fiber Optics Trainer	Model:IT-4410 Pak	8	98500	788000
14	VCD Player Trainer	Model:10904 India/Pak	8	80500	644000
15	Antenna Trainer	Model:IT-8400 Pak	8	210000	1680000
<b>Total Package-V</b>					<b>19888000</b>
<b>Grand Total</b>					<b>29,528,000</b>

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 AL - WAQAS ASSOCIATES  
*Asad Ahmad*  
 Proprietor

**HEAD OFFICE:** 3rd Floor, IEP Building,  
 Liberty Roundabout, Gulberg III, Lahore - Pakistan.  
 Ph: 042-35759922 Fax: 0092-42-35759923  
 E-mail: awapk@hotmail.com



**BRANCH OFFICE:**  
 Asad Building (Basement),  
 Dr. Bano Road, Quetta - Pakistan.  
 Tel: 081-2833718 Fax: 0092-81-28239

Section - V

List of Consignees

Region	Sr. #	Name of Institute	
KARACHI	1	GPI, Gulistan-e-Jouhar, Karachi.	
	2	GMI Razzak-abad, Karachi.	
HYDERABAD	3	GMI Tando Bago.	
SUKKUR	4	GMI Thari Mir Wah.	
	5	GMI Mehrab pur.	
MIRPURKHAS	6	GMI Khipro.	
LARKANA	7	GPI Kambar.	
	8	GMI Shahdaddkot.	





Article #	Name of Article	Technical Specifications	Specifications offered by Bidder
25	Screw Driver Set.	9 Piece parallel & cross point set contents : 1.4, 2.4 & 3 mm, PHO3, PHO2 & PHO.	
26	Aligner Set	Hand Tools	
27	Nose Pliers	flat Nose Overall length 120mm	
28	Wire cutter	Diagonal cutters overall length 120 mm.	
29	Tweezers	Sharp Nose cross pattern Length 115 mm.	
30	Wire Stripper.	Super wire stripper & cutter fully insulated for all stranded and solid conductors from 0.2 to 6mm <sup>2</sup> . Automatically adjusts to the diameter of wire. Overall length : 195 mm.	
31	Rubber Mallet.	Wooden shaft soft faced mallet for use where steel hammers would mark the surface length 300mm, head 55 mm Head size 16 (oz)	
32	Ball Peen Hammer.	Hickory shaft with fine grain, forged steel head, Hardened and tempered with polished faces. Head size 115 g(4oz) length 320 mm.	
33	Computer.	Pentium PIV, 512 MB RAM, Optical mouse, With Keyboard and FTI Monitor.	
34	Printer	Laser Printer with minimum 300 dpi resolution	
35	Isolation X Former.	0 to 230 volt, 1:1 turns ratio	
36	Pulse Generator.	1) Pulse repetition rate - 0.1 Hz to 10 MHz in 8 Decade ranges. 2) Rise & fall time - 10 ns - 2 ns 3) Pulse width - 35 ns and 0.1 $\mu$ sec to 1 sec in y decade range 4) O/P - 40 mv to 5 v across 50 $\Omega$ in six step 5) Power supply - 230 v +/- 10 % 50 Hz.	
<b>Package-IV</b>		<b>Digital Electronics &amp; Micro Processor Laboratory:-</b>	
1	Regulator Power Supply	5V, 500 MA	
2	Digital IC Trainer.	1) Input Power Supply-230V+/- 10%,50Hz 2)Output-5V,1A,12V & -12V,500mA 3) 0.1Hz to 10Hz clock generator 4) Manual Pulsar Unit 5) Display Unit	
3	Digital IC Tester.	1) TTL - 74 series, 54 series with STD,L,H,LS, S, ALS, AS, F, C devices can be tested. 2) CMOS - CD 40XX, CD41XX, CD45XX series are tested. 3) Display - 9 digit, 7- Segment LED/ LCD. 4)Test duration - Less than half a second. 5) 20 & 28 Pins ZIF IC socket. 6) Search mode to identify ICs number & its equivalents. 7)Faulty pin identification 8) Self test facility.	
4	8085 Micro Processor Kit	1) SDA -85 ME (Advanced Electronics systems) 2) CPU -8085 operating @ 3.072 MHz. 3) Memory - 64KB Max. ( 32Kb EPROM & 32Kb RAM ) Battery backup option for RAM 4) I/O Parallel - 48 I/O lines using two 8255. 5) I/O serial - one RS 232 compatible interface. 6) Timer- Three 16 bit counter/ timer using 8253 7) Keyboard - consisting of 28 numbers of computer grade keys. 8) Display - Six numbers of Seven segment LED displays.	



Article #	Name of Article	Technical Specifications	Specifications offered by Bidder
		9) are terminated in 50 pin berg stick for user expansion. 10) PIC - Optional facility for 8259 all the 8 interrupts are terminated in berg stick. 11) Monitor Software -16 KB of powerful user friendly monitor software with keyboard and serial modes. 12) built in DC power supply.	
5	Micro Controller Trainer Kit	1) CPU: 8031/8051 operating at 11.0592 MHz. 2) Memory : EPROM 1: 32K bytes with monitor software. EPROM 2: Optional 32K ROM RAM 1 : 32K data RAM RAM 2: 32K program/data RAM 3) I/O Parallel : 48 I/O lines using two 8255 4) I/O Serial: One RS 232 compatible interface. 5) Timer : Three 16 bit counter / timer using 8253 6) Keyboard: Consisting of 28 numbers of computer grade keys. 7) Display: Six numbers of seven segment displays. 8) Monitor software : 32Kb of powerful user friendly monitor software with keyboard & serial 9) Bus Signals: Bus signals terminated in burg strip. Controller specific lines like port 1 lines, T0, T1, INT0, INT 1, etc. Terminated in a burg stick header. 10) Power supply : Built in DC regulated power supply. Kit operates on 230 V, 50 Hz AC supply.	
6	8086 Trainer Kit.	1) CPU: 8086/88 Operating @ 5Mhz in Max mode with provision for 8087co-processor. 2) Memory: Maximum of 128KB on board EPROM. Maximum 64KB of on board RAM. Battery backup option for RAM 3) I/O parallel : 48 I/O lines using two 8255 4) I/O Serial: One RS 232 compatible interface. 5) Timer : Three 16 bit counter / timer using 8253 6) Keyboard. 7) Display: Alphanumeric LCD module ( 2line x 16 characters ). 8) Bus Signals: All address & data control signals terminated in 50 pin berg stick, 8259 9) Monitor software: 64KB of powerful user friendly monitor software with keyboard & serial modes. The PC keyboard allows users to directly assemble disassemble mnemonics for 8086 using Alphanumeric LED display. 10) Power Supply : 230 V, 50Hz. Built-in DC regulated power supply.	
<b>Package-V</b>		<b>Communication Laboratory:-</b>	
1	R.F. Signal Generator.	1) Frequency Range - 50Hz to 50 MHz in 7 Bands. 2) RF Out/Put - Variable from 1 $\mu$ v -10mv 3) Modulation Level - 30 % +/- 10% 4) A. F. Modulation Frequency - 400Hz. 5) A. F. O/P - 10 $\mu$ v to 1 volt 6) Power supply - 230v, Single Phase, 50 hz.	
2	Digital Storage Oscilloscope	1) 100 MHz and 200 MHz Bandwidth. 2) Sample rates up to 2 GS/S real-time. 3) 2 or 4 Fully isolated and floating channels 4) 8 Hours of continuous Battery operation with two batteries installed. 5) FFT standard on all models 6) Advanced triggers to quickly capture the event of	



Article #	Name of Article	Technical Specifications	Specifications offered by Bidder
		interest 7) 11 Automatic Measurements.	
3	R. F. Power O/P Meter	1) Power Range - 0.5 to 10.0 Watts & 5 to 25 Watts in 2 ranges 2) Frequency Range - DC to at least 500 MHz. 3) I/P Impedance - 50 ~ +/- 5 % ~	
4	EPABX Training System.	1) No. of I/P 2 Direct line. 2) No. of extension 4 lines. 3) Protection: Opt isolation for I/P and extenuation line. 4) Programmable. 5) Standard features: Tones such as dial, busy, ring etc. Dialling - DTMF and Pulse. 6) Program Memory : EEPROM 7) Loop resistance ; Extension 600 ns, co-line 1200 microsecond 8) cross talk attenuator - 70 dBm. 9) ideal channel voice - 70 dBm 10) Longitudinal balance - 60 dBm. 11) Test points - more than 25 Nos. 12) 230 Volt +/- 10 % , 50 Hz.	
5	Digital Multi Meter.	1) Voltage range - DC 200mv to 1000 volt. AC 200 mv to 600 v rms 2) Current range - DC 200 $\mu$ A to 2 Amp AC 200 $\mu$ A to 2 Amp 3) Resistance range - 2000 ~ to 20 M~ 4) Power supply - 230 V +/- 10 % 50 Hz.	
6	Digital LCR Meter.	1) Variables measured - L,C,R, & Loss- angle (Defector) 2) Measured frequencies - 1KHz & 100Hz. 3) Display - 3 1/2 digit. 4) Measurement ranges - Resolution a) Resistance- 0.00~ to 20 M~, 0.1 ~ b) Capacitance - 0.0pf to 20000 $\mu$ f, 0.1 pf c) Inductance - 0.0 $\mu$ H to 20000H, 0.1 $\mu$ H d) D-Factor - 0.01 to 8.0 with 1 % accuracy. e) Power supply - 230 V +/- 10 %, 50 Hz.	
7	Pulse Generator.	1) Pulse repetition rate - 0.1 Hz to 10 MHz in 8 decade ranges. 2) Rise & fall time - 10 ns - 2 ns 3) Pulse width - 35 ns and 0.1 $\mu$ sec to 1 sec in y decade range 4) O/P - 40 mv to 5 v across 50 ~ in six step 5) Power supply - 230 v +/- 10 % 50 Hz.	
8	Function Generator.	1) Out Put wave form - Sine, Triangle, Square. 2) Frequency range - 0.1 Hz to 10 MHz. 3) Amplitude Range - 30mv to 30 Volt P P 4) O/P impedance - 50 V. 5) Display - 4 digit LED/ LCD	
9	DC Regulated Dual Power Supply	1) O/P voltage - 0 to 30 Volt, 2A in 3 range in both channel 2) Display - 3 1/2 digit 3) Load regulation - 0.5 % + 10mv, no load full load for each channel 4) Line regulation - 0.05 % + 15 mv for +/- Variation around 230 volt 5) O/P imp - 15 milliohms 6) Ripple - less than 1mv rms.	



Article #	Name of Article	Technical Specifications	Specifications offered by Bidder
		7) I/P supply – 230 V +/- 10 % 50 Hz.	
10	Distortion Factor Meter.	1) Frequency - 20Hz to 200 KHz in fur ranges. 2) Distortion - 0.1 % to 100 % f.s.d in >Steps 3) I/P Sensitivity - 100mv (r.m.s.) 4) I/P Impedance - 1M~/160pf 5) Voltmeter Range -300µv to 300 volts f.s.d. in 13 range 6) Power 230V +/- 10% 50Hz, A.C. Mains.	
11	Mobile Phone Trainer	1) Cellular System : EGSM / GSM 900 2) Rx frequency band : EGSM 925 ...960 MHz 3) Tx frequency band : EGSM 880 ...890 MHz 4) O/P power : + 5, +33 dBm / 3.2 m W to 2 W 5) Channel spacing : 200 KHz 6) Antenna : Loop type , 50 W 7) No. test point : 42 8) No. of switched fault : 25	
12	Satellite Communication Trainer	1) Uplink Transmitter 1200/1250/1300 MHz Uplink Frequency 4 MHz Clock Frequency Wide band RF Amplifier 8 Bit RISC Processor 16 MHz Band width 2) Satellite link : Transponder with selectable frequency converts. Radiated power 25 mW. Detachable Dish Antennas 3) Downlink Receiver : Intermediate frequency 479.6 MHz. 1 100/1 150/1200 MHz fix frequency tuning 60 dBm sensitivity at tuner input , Detachable Dish Antennas	
13	Fiber Optics Trainer.	1) Transmitter: 1No. Fiber Optic LED having peak wavelength of emission 660 nm 2) Receiver: 1No. Fiber Optic Photo detector 3) Modulation Techniques : 1 AM 2 FM 3 PWM 4) Clock : Crystal Controlled clock 4.096 MHz 5)Power Consumption 3VA	
14	VCD Player Trainer.	1) system : PAL, NTSC 2) Laser : Semiconductor laser 3) Wave Length 780 to 790 nm 4) Frequency Range : 20 Hz to 20 KHz 5) Modulation EFM 6) Quantization : 16 Bit/liner/channel 7) Sampling Frequency : 44.1 KHz 8) RF Out Put VHF III Band	
15	Antenna Trainer.	1) RF Generator: 750 MHz . 2) Tone Generator: 1 KHz. 3) Directional Coupler: Forward & Reverse. 4) Matching stub: slider type. 5) Antenna Rotation: 0 - 360 deg. 6) Receiving Antenna: Folded dipole with reflector. 7) Detector display : level adjustable meter	



# General Conditions of Contract

## 1. Definitions

1.1 In this Contract, the following terms shall be interpreted as indicated:

- (a) "The Contract" means the agreement entered into between the Procuring agency and the Supplier, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein.
- (b) "The Contract Price" means the price payable to the Supplier under the Contract for the full and proper performance of its contractual obligation.
- (c) "The Goods" means all of the equipment, machinery, and/or other materials which the Supplier is required to supply to the Procuring agency under the Contract.
- (d) "The Services" means those services ancillary to the supply of the Goods, such as transportation and insurance, and any other incidental services, such as installation, commissioning, provision of technical assistance, training, and other such obligations of the Supplier covered under the Contract.
- (e) "GCC" mean the General Conditions of Contract contained in this section.
- (f) "SCC" means the Special Conditions of Contact.
- (g) "The Procuring agency" means the organization purchasing the Goods, as named in SCC.
- (h) "The Procuring agency's country" is the country named in SCC.
- (i) "The Supplier" means the individual or firms supplying the Goods and Services under this Contract.
- (j) "The Project Site" where applicable, means the place or places named in SCC.
- (k) "Day" means calendar day.

## 2. Application

2.1 These General Conditions shall apply to the extent that they are not superseded by provisions of other parts of the Contract.

## 3. Country of Origin

3.1 All Goods and Services supplied under the Contract shall have their origin in the countries and territories eligible under the rules and further elaborated in the SCC.

3.2 For purpose of this Clause, "**origin**" means the place where the Goods were mined, grown, or produced, or from which the Services are supplied. Goods are produced when, through manufacturing, processing, or substantial and major assembly of components, a commercially recognized new product results that is substantially different in basis characteristics or in purpose of utility from its components.

3.3 The origin of Goods and Services is distinct from the nationality of the Supplier.





### **Goods conform to the standard**

4.1 The Goods supplied under this Contract shall conform to the standards mentioned in the Technical Specifications, and, when no applicable standard is mentioned, to the authoritative standards appropriate to the Goods' country of origin. Such standards shall be the latest issued by the concerned institution.

### **5. Use of Contract Documents and Information; Inspection and Audit by the Government**

5.1 The supplier shall not, without the Procuring agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern, sample, or information furnished by or on behalf of the Procuring agency in connection therewith, to any person other than a person employed by the Supplier in the performance of the Contract. Disclosure to any such employed person shall be made in confidence and shall extend only as far as may be necessary for purposes of such performance.

5.2 The Supplier shall not, without the Procuring agency's prior written consent, make sure of any document or information enumerated in GCC Clause 5.1 except for purposes of such performance.

5.3 Any document, other than the Contract itself, enumerated in GCC Clause shall remain the property of the Procuring agency and shall be returned (all copies) to the Procuring agency on completion of the Supplier's performance under the Contract if so required by the Procuring agency.

5.4 The Supplier shall permit the Procuring agency to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the procuring agency, if so required.

### **6. Patent Rights**

6.1 The Supplier shall indemnify the Procuring agency against all third-party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the Procuring agency's country.

### **7. Performance Security**

7.1 Within Twenty (20) days of receipt of the notification of Contract award, the successful Bidder shall furnish to the Procuring agency the performance security in the amount specified in SCC.

7.2 The proceeds of the performance security shall be payable to the Procuring agency as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

7.3 The performance security shall be denominated in the currency of the Contract acceptable to the Procuring agency and shall be in one of the following forms:

- (a) A Bank Guarantee for the balance amount after conversion of Earnest Money into Performance Security/Security Deposit, issued by a reputable bank acceptable to the Procuring agency or in such other form as is acceptable to the Procuring agency; or
- (b) A Pay Order or Bank Draft of the amount as in Clause 7.3(a), in favour of Procuring Agency.



7.4 The performance security will be discharged by the Purchaser and returned to the Supplier not later than thirty (30) days following the date of completion of the Supplier's performance obligations under the Contract, including any warranty obligations, unless specified otherwise in SCC.

## 8. Inspections and Tests

8.1 The Procuring agency or its representative shall have the right to inspect and/or to test the Goods to confirm their conformity to the Contract specifications at no extra cost to the Procuring Agency. SCC and the Technical Specifications shall specify what inspections and tests the Procuring agency requires and where they are to be conducted. The Procuring agency shall notify the Supplier in writing, in a timely manner, of the identity of any representatives retained for these purposes.

8.2 The inspections and tests may be conducted by the **"Inspection Committee of STEVTA"** on the premises of the Supplier or its subcontractor(s), at point of delivery, and/or at the Goods' final destination. If conducted on the premises of the Supplier or its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data, shall be furnished to the inspectors at no charge to the Procuring agency.

8.3 Should any inspected or tested Goods fail to conform to the Specifications, the Procuring agency may reject the Goods, and the Supplier shall either replace the rejected Goods or make alterations necessary to meet specification requirements free of cost to the Procuring agency.

8.4 The Procuring agency's right to inspect, test and, where necessary, reject the Goods after the Goods' arrival in the Procuring agency's country shall in no way be limited or waived by reason of the Goods having previously been inspected, tested, and passed by the Procuring agency or its representative prior to the Goods' shipment from the country of origin.

8.5 Nothing in GCC Clause 8 shall in any way release the Supplier from any warranty or other obligations under this Contract.

## 9. Packing

9.1 The Supplier shall provide such packing of the Goods as is required to prevent their damage or deterioration during transit to their final destination, as indicated in the Contract. The packing shall be sufficient to withstand, without limitation, rough handling during transit and exposure to extreme temperatures, salt and precipitation during transit, and open storage. Packing case size and weights shall take into consideration, where appropriate, the remoteness of the Goods' final destination and the absence of heavy handling facilities at all points in transit.

9.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including Additional requirements, if any, specified in SCC, and in any subsequent instructions ordered by the Procuring agency.

## 10. Delivery and Documents

10.1 Delivery of the Goods shall be made by the Supplier in accordance with the terms specified in the Schedule of Requirements. The details of shipping and/or other documents to be furnished by the Supplier are specified in SCC.

10.2 Documents to be submitted by the Supplier are specified in SCC.





## **Warranty**

15.1 The Supplier warrants that the Goods supplied under the Contract are new, unused, of the most recent or current models, and that they incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that all Goods supplied under this Contract shall have no defect, arising from design, materials, or workmanship (except when the design and/or material is required by the Procuring agency's specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions prevailing in the country of final destination.

15.2 This warranty shall remain valid for twelve (12) months after the Goods, or any portion thereof as the case may be, have been delivered to and accepted at the final destination indicated in the Contract, or for eighteen (18) months after the date of shipment from the port or place of loading in the source country, whichever period concludes earlier, unless specified otherwise in SCC.

15.3 The Procuring agency shall promptly notify the Supplier in writing of any claims arising under this warranty.

15.4 Upon receipt of such notice, the Supplier shall, within the period specified in SCC and with all reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Procuring agency.

15.5 If the Supplier, having been notified, fails to remedy the defect(s) within the period specified in SCC, within a reasonable period, the Procuring agency may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense and without prejudice to any other rights which the Procuring agency may have against the Supplier under the Contract.

## **16. Payment**

16.1 The method and conditions of payment to be made to the Supplier under this Contract shall be specified in SCC.

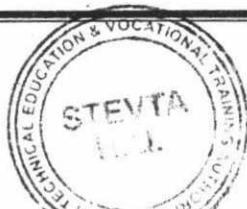
16.2 The Supplier's request(s) for payment shall be made to the Procuring agency in writing, accompanied by an invoice describing, as appropriate, the Goods delivered and Services performed, and by documents submitted pursuant to GCC Clause 10, and upon fulfillment of other obligations stipulated in the Contract.

16.3 Payments shall be made promptly by the Procuring Agency, but in no case later than sixty (60) days after submission of an invoice or claim by the Supplier.

16.4 The currency of payment is Pak. Rupees.

## **17. Prices**

17.1 Prices charged by the Supplier for Goods delivered and Services performed under the Contract shall not vary from the prices quoted by the Supplier in its bid, with the exception of any price adjustments authorized in SCC or in the Procuring agency's request for bid validity extension, as the case may be.



**18. Change Orders**

18.1 The Procuring agency may at any time, by a written order given to the Supplier pursuant to GCC Clause 31, make changes within the general scope of the Contract in any one or more of the following:

- (a) Drawings, designs, or specifications, where Goods to be furnished under the Contract are to be specifically manufactured for the Procuring agency;
- (b) The method of shipment or packing;
- (c) The place of delivery; and/or
- (d) The Services to be provided by the Supplier.

18.2 If any such change causes an increase or decrease in the cost of, or the time required for, the Supplier's performance of any provisions under the Contract, an equitable adjustment shall be made in the Contract Price or delivery schedule, or both, and the Contract shall accordingly be amended. Any claims by the Supplier for adjustment under this clause must be asserted within thirty (30) days from the date of the Supplier's receipt of the Procuring agency change order.

**19. Contract Amendments**

19.1 Subject to GCC Clause 18, no variation in or modification of the terms of the Contract shall be made except by written amendment signed by the parties.

**20. Assignment**

20.1 The Supplier shall not assign, in whole or in part, its obligations to perform under this Contract, except with the Procuring agency's prior written consent.

**21. Subcontracts**

21.1 The Supplier shall notify the Procuring agency in writing of all subcontracts awarded under this Contract if not already specified in the bid. Such notification, in the original bid or later, shall not relieve the Supplier from any liability or obligation under the Contract.

21.2 Subcontracts must comply with the provisions of GCC Clause 3.

**22. Delays in the Supplier's Performance**

22.1 Delivery of the Goods and performance of Services shall be made by the Supplier in accordance with the time schedule prescribed by the Procuring agency in the Schedule of Requirements.

22.2 If at any time during performance of the Contract, the Supplier or its subcontractor(s) should encounter conditions impeding timely delivery of the Goods and performance of Services, the Supplier shall promptly notify the Procuring agency in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Supplier's notice, the Procuring agency shall evaluate the situation and may at its discretion extend the Supplier's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the parties by amendment of Contract.

22.3 Except as provided under GCC Clause 25, a delay by the Supplier in the performance of its delivery obligations shall render the Supplier liable to the imposition of liquidated damages pursuant to GCC Clause 23, unless an extension of time is agreed upon pursuant to GCC Clause 22.2 without the application of liquidated damages.



### **Liquidated Damages**

23.1 Subject to GCC Clause 25, if the Supplier fails to deliver any or all of the Goods or to perform the Services within the period(s) specified in the Contract, the Procuring agency shall, without prejudice to its other remedies under the Contract, deduct from the Contract Price, as liquidated damages, a sum equivalent to the percentage specified in SCC of the delivered price of the delayed Goods or unperformed Services for each week or part thereof of delay until actual delivery or performance, up to a maximum deduction of the percentage specified in SCC. Once the maximum is reached, the Procuring agency may consider termination of the Contract pursuant to GCC Clause 24.

### **24. Termination for Default**

24.1 The Procuring agency, without prejudice to any other remedy for breach of Contract, by written notice of default sent to the Supplier, may terminate this Contract in whole or in part:

- (a) if the Supplier fails to deliver any or all of the Goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring agency pursuant to GCC Clause 22; or
- (b) if the Supplier fails to perform any other obligation(s) under the Contract.
- (c) if the Supplier, in the judgment of the Procuring agency has engaged in corrupt or fraudulent practices in competing for or in executing the Contract. For the purpose of this clause: "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. "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 practice among Bidders (prior to or after bid submission) designed to establish bid prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition.

24.2 In the event the Procuring agency terminates the Contract in whole or in part, pursuant to GCC Clause 24.1, the Procuring agency may procure, upon such terms and in such manner as it deems appropriate, Goods or Services similar to those undelivered, and the Supplier shall be liable to the Procuring agency for any excess costs for such similar Goods or Services. However, the Supplier shall continue performance of the Contract to the extent not terminated.

### **25. Force Majeure**

25.1 Notwithstanding the provisions of GCC Clauses 22, 23, and 24, the Supplier shall not be liable for forfeiture of its performance security, liquidated damages, 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.

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

25.3 If a Force Majeure situation arises, the Supplier shall promptly notify the Procuring agency in writing of such condition and the cause thereof. Unless otherwise directed by the Procuring agency 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 the Force Majeure event.



**Termination for Insolvency**

26.1 The procuring agency may at any time terminate the Contract giving written notice to the Supplier if the Supplier becomes bankrupt or otherwise insolvent. In this event, termination will be without compensation to the Supplier, provided that such termination will not prejudice or affect any right of action or remedy which has accrued or will accrue thereafter to the Procuring agency.

**27. Termination for Convenience**

27.1 The Procuring agency, by written notice sent to the Supplier, may terminated the Contract, in whole or in part, at any time for its convenience. The notice of termination shall specify that termination is for the Procuring agency's convenience, the extent to which performance of the Supplier under the Contract is terminated, and the date upon which such termination becomes effective.

27.2 The Goods that are complete and ready for shipment within thirty (30) days after the Supplier's receipt of notice of termination shall be accepted by the Procuring agency at the Contract terms and prices. For the remaining Goods, the Procuring agency may elect:

- (a) to have any portion completed and delivered at the Contract terms and prices; and/or.
- (b) to cancel the remainder and pay to the Supplier and agreed amount for partially completed Goods and Services and for materials and parts previously procured by the Supplier.

**28. Resolution of Disputes**

28.1 The Procuring agency and the Supplier shall make every effort to resolve amicably by direct informal negotiation any disagreement or dispute arising between them under or in connection with the Contract.

28.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring agency and the Supplier have been unable to resolve amicably a Contract dispute, either party may required that the dispute be refused for resolution to the formal mechanisms specified in SCC. These mechanisms may include, but are not restricted to, conciliation mediated by a third party, adjudication in an agreed manner and/or arbitration.

**29. Governing Language**

29.1 The contract shall be written in the language specified in SCC. Subject to GCC Clause 30, the version of the Contract written in the specified language shall govern its interpretation. All correspondence and other documents pertaining to the Contract which are exchanged by the parties shall be written in the same language.

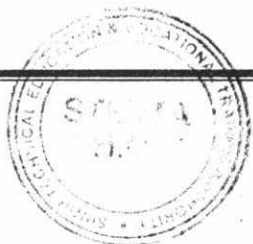
**30. Applicable Law**

30.1 The Contract shall be interpreted in accordance with the laws of the Procuring agency's country, unless otherwise specified in SCC.

**31. Notices**

31.1 Any notice given by one party to the other pursuant to this Contract shall be sent to the other party in writing or by cable, telex, or facsimile and confirmed in writing to the other party's address specified in SCC.

31.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.





**32. Taxes and Duties**

32.1 Supplier shall be entirely responsible for all taxes, duties, license fees, etc, incurred until delivery of the contracted Goods to the Procuring agency.

**33. Headings**

33.1 Headings, whether of Clauses or of other parts of the Contract, are for reference only and are not be construed as part of the contract.

**34. Waiver**

34.1 Failure of either party to insist upon stores performance by the other party of any provision of the contract shall in no way be deemed or construed to effect in any way the right of that party to require such performance.

**35. Income / Sales Tax**

35.1 Income Tax and Sales Tax will be deducted at source from the payments made to the Contracting firms, as per the Income/Sales Tax Laws, amended to date.



## Section - IV

### Special Conditions of Contract

The following Special Conditions of Contract shall supplement the General Conditions of Contract. Whenever there is a conflict, the provisions herein shall prevail over those in the General Conditions of Contract. The corresponding clause number of the GCC is indicated in parentheses.

#### 1. Definitions

- GCC 1.1 The Procuring agency is **"Sindh Technical Education & Vocational Training Authority (STEVTA)"**.  
GCC 1.2 The Procuring agency country is **"Islamic Republic of Pakistan"**.  
GCC 1.3 Eligible countries as notified by Government of Pakistan.

#### 2. Country of Origin (GCC Clause 3)

All countries and territories as indicated in Part Two Section VI of the bidding documents, "Eligibility for the Provisions of Goods, Works, and Services in Bank-Financed Procurement".

#### 3. Performance Security

- GCC 3.1 The amount of **performance security is 10%** of the Contract Price.  
GCC 3.2 After delivery and acceptance of the Goods, the performance security may be reduced to **Two percent (2%)** of the Contract Price to cover the Supplier's warranty obligations in accordance with Clause GCC 15.2.

#### 4. Inspections and Tests (GCC Clause 8)

**Sample approval of all the items shall be carried by the purchaser.**

Inspection and tests prior to shipment of Goods and at final acceptance are as follows:

- (i) Technical Specification.
- (ii) Performances of Equipments and other items should be as per warranty / guarantee card.
- (iii) All legal documents should be available on site/work place.

#### 5. Packing (GCC Clause 9)

- GCC 9.3 The following SCC shall supplement GCC Clause 9.2:  
**The bidder shall arrange all the articles for inspection at above mentioned address.**

#### 6. Delivery and Documents (GCC Clause 10):

GCC 10.3 Upon shipment, the supplier shall notify the procuring agency the full details of the shipment, including contract number, description of goods, quantity and usual transport document.

#### 7. Insurance (GCC Clause 11)

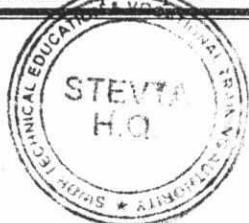
GCC 11.1 The Goods supplied under the Contract shall be delivered duty paid (DDP) under which risk is transferred to the buyer after having been delivered; hence insurance coverage is seller's responsibility. Since the insurance is seller's responsibility they may arrange appropriate coverage.

#### 8. Incidental Services (GCC Clause 13)

GCC 13.1- Incidental services to be provided are:  
**On-site assembly / fitting of all the supplied goods.**

#### 9. Spare Parts (GCC Clause 14)

GCC 14.1 – Additional spare parts requirements are: **N/A.**





10. **Warranty (GCC Clause 15)**

GCC 15.2

**Sample provision**

GCC 15.2 – In Partial modification of the provisions, the warranty period shall be **Twelve months** form date of acceptance of the Goods or **Fifteen months** of Date of shipment, whichever occurs earlier. The Supplier shall, in addition, comply with the performance and/or consumption guarantees specified under the Contract. If for reasons attributable to Supplier, these guarantees are not attained in whole or in part, the Supplier shall, at its discretion, either:

**Or**

pay liquidated damages to the Procuring agency with respect to the failure to meet the contractual guarantees. The rate of these liquidated damages shall be **0.5% per week**.

[The rate should be higher than adjustment rate used in bid evaluation under ITB 25.4 (f) or (g)]

GCC 15.4& 15.5 – The period for correction of defects in the warranty period is: **30 days**.

11. **Payment (GCC Clause 16)**

**Sample provision**

GCC 16.1 – The method and condition of payment to be made to the Supplier under this Contract shall be as follows:

**Payment for Goods supplied:**

Payment shall make in Pak. Rupees in the following manner:

- (i) **No advance payment** shall be made by Procuring agency, until the goods are delivered.
- (ii) **100% of the Contract Price** of each individual consignment upon delivery at the consignees end of the goods against presentation of the following documents:
  - a) Copies of the Supplier's invoice showing Goods description, quantity, unit price and total amount of payment due.
  - b) Manufacturer's Warranty Certificate.
  - c) Inspection certificate issued by the authority nominated by the Purchaser;
  - d) Certificate of the receipt of Goods issued by the consignee.
  - e) Certificate of origin.

(iii) Part Payment on part supply may also be allowed on discretion of procuring agency as well subject to nature/type of stores.

12. **Prices (GCC Clause 17)**

**Sample provision**

GCC 17.1 – Prices shall be adjusted in accordance with provisions in attachments to SCC: N/A

13. **Liquidated Damages.**

GCC 23.1 - Application rate: **0.5% per week** of the value of non-supplied stores.  
Maximum deduction: **10% of the total contract value.**

14. **Resolution of Disputes (GCC Clause 28)**

GCC 28.3 - The disputes resolution mechanism to be applied pursuant to GCC Clause 28.2 shall be as follows:

**In the case of dispute between the Procuring agency and the Supplier, the dispute shall be referred to adjudication or arbitration in accordance with the laws of the Procuring agency's country.**



**15. Governing Language (GCC Clause 29)**

GCC 29.1—The Governing Language shall be: **English.**

**16. Applicable Law (GCC Clause 30)**

GCC 30.1—The Contract shall be interpreted in accordance with the laws of Islamic Republic of Pakistan which includes the following legislation:

**The Employment of Children (ECA) Act 1991. The Bonded labour System (Abolition) Act of 1992. The Factories Act 1934.**

**17. Notices (GCC Clause 31)**

GCC 31.1 Procuring agency's address for notice purposes:

**The Managing Director,  
Sindh Technical Education &  
Vocational Training Authority (STEVTA),  
Street-19, Block-6, Gulshan-e-Iqbal,  
Near NIPA chowrangi, Karachi.  
Phone 021-99244112-7.**

Supplier's address for notice purpose:

**"As mentioned on bidder's letter head"**



## Section - VII

## Supply Requirement

Item #	Name of Article	GPI G/Jouhar	GMI Razzakabad	GMI Tando Bago	GMI T/Mir Wah	GMI Mehrabpur	GMI Khipro	GPI Kamar	GMI S/dadkot	Total
	<b>Package-IV (Digital Electronics &amp; Micro Processor Lab:)</b>									--
1	Regulator Power Supply.	12	12	12	12	12	12	12	12	96
2	Digital IC Trainer.	10	10	10	10	10	10	10	10	80
3	Digital IC Tester.	01	01	01	01	01	01	01	01	08
4	8085 Micro Processor Kit	10	10	10	10	10	10	10	10	80
5	Micro Controller Trainer Kit	05	05	05	05	05	05	05	05	40
6	8086 Trainer Kit.	04	04	04	04	04	04	04	04	32
	<b>Package-V (Communication Laboratory)</b>									
1	R.F. Signal Generator.	05	05	05	05	05	05	05	05	40
2	Digital Storage Oscilloscope	02	02	02	02	02	02	02	02	16
3	R.F. Power O/P Meter.	03	03	03	03	03	03	03	03	24
4	EPABX Training System.	01	01	01	01	01	01	01	01	08
5	Digital Multi Meter.	05	05	05	05	05	05	05	05	40
6	Digital LCR Meter.	02	02	02	02	02	02	02	02	16
7	Pulse Generator.	02	02	02	02	02	02	02	02	16
8	Function Generator.	02	02	02	02	02	02	02	02	16
9	DC Regulated Dual Power Supply	03	03	03	03	03	03	03	03	24
10	Distortion Factor Meter.	02	02	02	02	02	02	02	02	16
11	Mobile Phone Trainer	01	01	01	01	01	01	01	01	08
12	Satellite Communication Trainer	01	01	01	01	01	01	01	01	08
13	Fiber Optics Trainer.	01	01	01	01	01	01	01	01	08
14	VCD Player Trainer.	01	01	01	01	01	01	01	01	08



**Integrity Pact**

**DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC.  
PAYABLE BY THE SUPPLIERS/CONTRACTORS/CONSULTANTS.**



Contract Number: STEVTA/PRO/ELECTRICAL LAB/ICSD/2016 Dated: 5-5-2016  
Contract Value: PACKAGE IV RS. 9642000/. PACKAGE V RS. 19888000/. Total Rs. 29528000  
Contract Title: MACHINERY/EQUIPMENT FOR 08 INSTITUTES OF STEVTA

[Name of Supplier/Contractor/Consultant] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Sindh (GoS) or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoS) through any corrupt business practice.

Without limiting the generality of the foregoing, [Name of Supplier/Contractor/Consultant] represents and warrants that it has fully declared the brokerage, commission, fees etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultation fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form, from Procuring Agency (PA), except that which has been expressly declared pursuant hereto.

WAQAR AHMED

[Name of Supplier/Contractor/Consultant] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with PA and has not taken any action or will not take any action to circumvent the above declaration, representation or warranty.

WAQAR AHMED

[Name of Supplier/Contractor/Consultant] accepts full responsibility and strict liability for making any false declaration, not making full disclosure, misrepresenting facts or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right, interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to PA under any law, contract or other instrument, be voidable at the option of PA.

Notwithstanding any rights and remedies exercised by PA in this regard, [Name of Supplier/Contractor/Consultant] agrees to indemnify PA for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to PA in an amount equivalent to ten times the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier/Contractor/Consultant] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit, in whatsoever form, from PA.

AL - WAQAS ASSOCIATES

Waqar Ahmad  
Proprietor

[Supplier /Contractor/Consultant]





Employment through Skill



**Sindh Technical Education & Vocational Training Authority (STEVTA)**

ST-19, Block-6, Near N.I.P.A., University Road,  
Gulshan-e-Iqbal, Karachi. Tel: 021-9243894



**BID EVALUATION REPORT**

1)	Name of Procuring Agency:	Sindh Technical Education & Vocational Training Authority (STEVTA), Government of Sindh Karachi.
2)	Tender Reference No.	STEVTA/PRO/Electrical Lab/1(57)/2016
3)	Tender Description/Name of work/item:	Procurement of Electrical Technology Lab Equipment/Machinery for Sindh TEVTA Institutions.
4)	Method of Procuring:	Single Stage – Two Envelopes.
5)	Tender published:	Tender notice hoisted on the website of SPPRA vide Sr.No. 26567, on 17.02.2016.
6)	Total Bids Documents Sold:	Five (05).
7)	Total Bids Received:	Five (05)
8)	Technical Bids Opening Date:	10.03.2016
9)	No. of Bids Technically Qualified:	THREE (03).
10)	No. of Bids Rejected:	TWO (02).
11)	Financial Bid Opening Date:	05.04.2016.

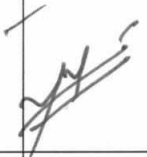




**Bid Evaluation Report**

Article #	Article Description	Name of Bidding Firm	Quoted Rate (PKR)	Ranking in Terms of Cost	Reason for Acceptance/Rejection (Remarks)
1)	<b>Package-IV, Digital Electronics &amp; Micro Processor Laboratory.</b>	M/s. Al-Waqas Associates, Lahore.	9,640,000/-	1st Lowest	Approved.
		M/s. Rasstec Technologies Pvt. Ltd. Islamabad.	9,988,056/-	2 <sup>nd</sup> Lowest	Not Approved.
		M/s. Kontinental Establishment Pvt. Ltd. Karachi.	27,433,440/-	4 <sup>th</sup> Lowest	Not Approved.
2)	<b>Package-V, Communication Laboratory.</b>	M/s. Al-Waqas Associates, Lahore.	19,888,000/-	1st Lowest	Approved.
		M/s. Rasstec Technologies Pvt. Ltd. Islamabad.	21,149,856/-	3 <sup>rd</sup> Lowest	Not Approved.

*Handwritten signatures and initials:*  
Kumar  
MNC(17), NED  
Abid  
24



Following members of Procurement Committee after due considerations have recommended to accept the Package wise lowest best evaluated bids in favor of M/s. Al-Waqas Associates, Lahore totaling Rs.9,640,000/- for Package-IV and in favor of M/s. Al-Waqas Associates, Lahore for Package-V totaling Rs.19,888,000/-.

Committee Members	Signature	Committee Members	Signature
( Musarrat Mukhtar ) Deputy Director Industries Deptt: Govt. of Sindh Member		( Khurram Masood ) Manager Network I.T. Deptt: NED University Member	
( Abid Altaf Mian ) Director (MIS/Procurement) STEVTA Member/Secretary		( Dr. Muhammad Saleh Shah ) Deputy Project Coordinator/(MIS)SSDP Member	
( Engr. Liaquat Ali Jamaro ) Director (Academics & Training) STEVTA Convener			

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15-Jan-16 Update



Evaluation Report added

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## Important Notice

SPPRA's existing website will be discontinued from 15-12-2015. To Register on the new website click here.










- Serial No.  
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 Tender Title  
 SPPRA ID  
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1 2 3 4 5 6 7 8 9 10 11 12 13 Page 2 Documents Viewed 924370

S.No.	SPPRA ID	Tender Title	Download	Uploaded On	Advertised On	Closing On	Corrigendum	Comments
26580	2147483647 SPPRA ID WITHHELD	Sindh Board Of Technical Education KARACHI NIT WITH SBD		18-02-2016	17.Feb.2016	25.Feb.2016		BER, CS, TER, AOC Required
26579	2147483647 SPPRA ID WITHHELD	Government Boys High School BACHALPUR NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required
26578	2147483647 SPPRA ID WITHHELD	Government Boys High School MISRI KHAN KHOSO NIT WITH SBD		18-02-2016	17.Feb.2016	04.Mar.2016		BER, CS, TER, AOC Required
26577	2147483647 SPPRA ID WITHHELD	Government Boys High School SABU RAHU NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required
26576	2147483647 SPPRA ID WITHHELD	Government Boys High School NIAZI KHAN SIYAL NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required
26575	2147483647 SPPRA ID WITHHELD	Government Boys High School HAMAL KALOI NIT WITH SBD		18-02-2016	17.Feb.2016	04.Mar.2016		BER, CS, TER, AOC Required
26574	2147483647 SPPRA ID WITHHELD	Government Boys High School GABAR DAHRI NIT WITH SBD		18-02-2016	17.Feb.2016	04.Mar.2016		BER, CS, TER, AOC Required
26573	2147483647 SPPRA ID WITHHELD	Government Boys High School BAGH MANIK NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required
26572	2147483647 SPPRA ID WITHHELD	Government Boys High School FATUHAL ZARDARI NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required
26571	2147483647 SPPRA ID WITHHELD	Government Boys Higher Secondary School KAZI AHMED NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required
26570	2147483647 SPPRA ID WITHHELD	Government Boys Higher Secondary School KAZI AHMED NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016		BER, CS, TER, AOC Required

26569	2147483647 SPPRA ID WITHHELD	Government Boys High School MASHAIKH NIT WITH SBD		18-02-2016	17.Feb.2016	24.Feb.2016	BER, CS, TER, AOC Required
26568	2147483647 SPPRA ID WITHHELD	Government Boys High School SAKRAND NIT WITH SBD		18-02-2016	17.Feb.2016	04.Mar.2016	BER, CS, TER, AOC Required
26567	2147483647 SPPRA ID WITHHELD	Sindh Technical Education & Vocational Training Authority (STEVT) KARACHI NIT WITH SBD		17-02-2016	17.Feb.2016	10.Mar.2016	BER, CS, TER, AOC Required
26566	2147483647 SPPRA ID WITHHELD	Executive Engineer Education Works Division SHIKARPUR NIT WITH SBD		17-02-2016	17.Feb.2016	04.Mar.2016	BER, CS, TER, AOC Required
26565	2147483647 SPPRA ID WITHHELD	Executive Engineer Education Works Division HYDERABAD NIT WITH SBD		17-02-2016	17.Feb.2016	07.Mar.2016	BER, CS, TER, AOC Required
26564	2147483647 SPPRA ID WITHHELD	Executive Engineer Provincial Highway Division SANGHAR NIT WITH SBD		17-02-2016	17.Feb.2016	09.Mar.2016	BER, CS, TER, AOC Required
26563	2147483647 SPPRA ID WITHHELD	Directorate of Schools Education LARKANA NIT WITH SBD		17-02-2016	17.Feb.2016	23.Feb.2016	BER, CS, TER, AOC Required
26562	2147483647 SPPRA ID WITHHELD	Executive Engineer Public Health Engineer Division (I) KHAIRPUR NIT WITH SBD		17-02-2016	17.Feb.2016	04.Mar.2016	BER, CS, TER, AOC Required
26561	2147483647 SPPRA ID WITHHELD	Livestock/Animal Husbandry Naushero Feroze NIT WITH SBD veterinary Medicine		17-02-2016	16.Feb.2016	18.Mar.2016	BER, CS, TER, AOC Required



Employment through Skill



**Sindh Technical Education & Vocational Training Authority (STEVTA)**

ST-19, Block 6, Gulshan-e-Iqbal, Near NIPA, Karachi.  
Phone No. 9924 4112-17 Fax No. 992 44118  
Email: [stevta.gos@gmail.com](mailto:stevta.gos@gmail.com) Website: [www.stevta.gos.pk](http://www.stevta.gos.pk)

**TENDER NOTICE**

**PROCUREMENT OF ELECTRICAL TECHNOLOGY LABORATORY EQUIPMENT/MACHINERY FOR SINDH TEVTA INSTITUTES**

Sealed Bids are invited from Reputable/Established Firms/Suppliers/Contractors, registered with Income Tax and Sales Tax authorities, for **PROCUREMENT OF ELECTRICAL TECHNOLOGY LABORATORY EQUIPMENT/MACHINERY** for Sindh TEVTA:

Cost of Bidding Document:	Rs. 2,000 in form of PO/DD
Bid Security in form of PO / DD	2.5% of the Total Bid Value
Tender Document Collection (Start Date):	Publication/Hoisting of Notice
Tender Document Collection (End Date):	10th MARCH 2016
Tender Document Submission (Date/Time):	10th MAR 2016 up to 11:00 am
Tender (Technical) Opening Date/Time:	10th MAR 2016 at 11:30 am
Tender (Financial) Opening (Date/Time): (For Technically Acceptable Bidders Only):	Shall be communicated later through Letters

**DOCUMENTS COLLECTION:**

Tender Documents can be obtained on submission of a written request on Company Letterhead supported by Copies of GST and NTN Certificates during Office Working Hours, on Payment of Tender Document Cost of Rs. 2,000/- (Non-Refundable / Non-Transferable) in form of PO/DD in favour of "Sindh Technical Education & Vocational Training Authority" from the following address:

*Deputy Director (Procurement)*  
**Sindh Technical Education & Vocational Training Authority**  
(STEVTA) ST-19, Block-6, Gulshan-e-Iqbal  
Near NIPA Chowrangi, Karachi. Ph: 9924 3818

**NOTES:**

- Sealed Bids with necessary attachments accompanied by the Bid Security should be dropped in Tender Box (marked "Procurement") at Sindh Technical Education & Vocational Training Authority, ST-19, Block-6, Gulshan-e-Iqbal, Near NIPA Chowrangi, Karachi, on the Tender Document Submission Date and Time.
- Bid Opening procedure will be based on **Single Stage-Two Envelopes** System (Bid shall comprise of a Single Package containing **Two Separate Envelopes** inside). One Envelope shall contain **Technical Proposal** containing complete Material Specifications, Company Profile, NTN and GST Certificates of the Company and/or any other Information deemed necessary, whereas the other Envelope shall contain **Financial Bid**. The Envelopes should be clearly marked as "**Technical Proposal**" and "**Financial Proposal**" respectively in **Bold Legible** Letters. Initially only **Technical Proposals** shall be opened.
- **Technical Bids** will be opened on the aforementioned Date & Time in the presence of Bidders or their Authorized Representatives while **Financial Proposals** (of only **Technically Qualified Bidders**) shall be opened at a Later Date for which such Bidders shall be informed in due course. Prospective Bidders are invited to attend the Tender Opening (**Single Representation**).
- Incomplete or Conditional Tenders cannot be considered or entertained.
- **STEVTA** reserves the right to accept or reject any Bid(s), subject to relevant Provisions of Sindh Public Procurement Rules, 2010.

**Deputy Director (Procurement)**



Employment through Skill



**Sindh Technical Education & Vocational Training Authority (STEVTA)**

ST-19, Block 6, Gulshan-e-Iqbal, Near NIPA, Karachi.  
Phone No. 9924 4112-17 Fax No. 992 44118  
Email: [stevta.gos@gmail.com](mailto:stevta.gos@gmail.com) Website: [www.stevta.gos.pk](http://www.stevta.gos.pk)

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Deputy Director (Procurement)



24.02.2016

اربع

روزانہ کاوش حیدرآباد



Employment through Skill



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

ST-19, Block 6, Gulshan-e-Iqbal, Near NIPA, Karachi.  
Phone No. 9924 4112-17 Fax No. 992 44118  
Email: [stevta.gos@gmail.com](mailto:stevta.gos@gmail.com) Website: [www.stevta.gos.pk](http://www.stevta.gos.pk)

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**PROCUREMENT OF ELECTRICAL TECHNOLOGY LABORATORY  
EQUIPMENT/MACHINERY FOR SINDH TEVTA INSTITUTES**

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*Deputy Director (Procurement)*

*Sindh Technical Education & Vocational Training Authority  
(STEVTA) ST-19, Block-6, Gulshan-e-Iqbal  
Near NIPA Chowranghi, Karachi. Ph: 9924 3818*

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- STEVTA reserves the right to accept or reject any Bid(s), subject to relevant Provisions of Sindh Public Procurement Rules, 2010.

**Deputy Director (Procurement)**



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**  
ST-19, Block-6, Gulshan-e-Iqbal, Karachi.  
\*\*\*\*\*



**NOTIFICATION**

With the approval of Competent Authority, a 'Procurement Committee', comprising the following is hereby constituted to invite, evaluate and finalize the Bids for Procurement of Goods & Services for all the Wings/Sections of STEVTA and recommended the successful Bidder/Firm to the Competent Authority for award of contract.

- |   |                     |
|---|---------------------|
| 1. Dr. Masroor Ahmed Shaikh.<br>Director (Academic & Training),<br>STEVTA Headquarter, Karachi. | Convener.           |
| 2. Dr. Muhammad Saleh Shah.<br>Deputy Project Coordinator,<br>(MIS/SSDP).                       | Member. ✓           |
| 3. Mr. Khurram Masood,<br>Manager Network I.T. Department,<br>NED University, Karachi.          | Member. ✓           |
| 4. Deputy Director,<br>Industries Department,<br>Government of Sindh, Karachi.                  | Member.             |
| 5. Mr. Abid Altaf Main.<br>Director (MIS/Procurement),<br>STEVTA, Headquarters, Karachi.        | Member/Secretary. ✓ |

**Terms of Reference:**

- To select appropriate method of procurement, as specified in SPPRA Rules.
- To prepare bidding/pre-qualification document;
- To prepare invitation of bids/pre qualification notice;
- To carry out technical as well as financial evaluation of the bids;
- To prepare bid evaluation report;
  
- To make recommendations for the award of contract or otherwise, to the competent authority.
  
- To perform any other function ancillary and incidental thereto.

  
**ADDITIONAL DIRECTOR (ADMIN)**

*Contd.... at page-2*

-( 2 ):-

Endst. No. STEVTA/Proc/1(5)/2013/1079

Karachi, Dated 02 Nov, 2015.

Copy to:-

1. The Director, Industries Government of Sindh, Karachi.
2. The Director (Operations) STEVTA, Karachi.
3. The Director (Finance) STEVTA, Karachi.
4. The Director (MIS) STEVTA, Karachi.
- ✓ 5. The Additional Director (Admin) STEVTA, Karachi.
6. The Director (Works & Services) STEVTA, Karachi.
7. The Director (Academic & Training) STEVTA, Karachi.
8. The Director (Procurement) STEVTA, Karachi.
9. Deputy Project Coordinator (MIS/SSDP) STEVTA, Karachi.
10. Deputy Director (Procurement) STEVTA, Karachi.
11. P.S. to Managing Director, STEVTA, Karachi.
12. Office Order file.

**ADDITIONAL DIRECTOR (ADMIN)**



# Sindh Technical Education & Vocational Training Authority (STEVTA)

ST-19, Block-6, Gulshan-e-Iqbal, Karachi



## NOTIFICATION

With the approval of Competent Authority, a "Procurement Committee", comprising the following is hereby Re-Constituted to invite, evaluate and finalize the Bids for Procurement of Goods & Services for all the Wings/Sections of STEVTA and recommended the successful Bidder/Firm to the Competent Authority for award of contract.

- |  |                   |
|--|-------------------|
| 1. Mr. Liaquat Ali Jamro.<br>Director (Academic & Training),<br>STEVTA Headquarter, Karachi. | Convener.         |
| 2. Dr. Muhammad Saleh Shah.<br>Deputy Project Coordinator,<br>(MIS/SSDP).                    | Member.           |
| 3. Mr. Khurram Masood.<br>Manager Network I.T. Department,<br>NED University, Karachi.       | Member.           |
| 4. Deputy Director.<br>Industries Department,<br>Government of Sindh, Karachi.               | Member.           |
| 5. Mr. Abid Altaf Mian.<br>Director (MIS/Procurement),<br>STEVTA, Headquarter, Karachi.      | Member/Secretary. |

### Terms of Reference:

- To Select appropriate method of procurement, as specified in SPPRA Rules.
- To prepare bidding/pre-qualification document.
- To prepare invitation of bids/pre qualification notice.
- To carry out technical as well as financial evaluation of the bids;
- To prepare bid evaluation report;
- To make recommendation for the award of contract or otherwise, to the competent authority.
- To perform any other function ancillary and incidental thereto:-

S.M KALEEM MAKKI  
Managing Director (STEVTA)

(02)

Endst. No. STEVTA/Proc/1(5)/2013/ *1838*

Karachi, Dated 30 March, 2016.

Copy forwarded to:-

1. The Director, Industries Government of Sindh, Karachi.
2. The Director (Operation) STEVTA, Headquarter, Karachi.
3. The Director (Finance) STEVTA, Headquarter, Karachi.
4. The Director (MIS) STEVTA, Headquarter, Karachi.
5. The Additional Director (Admin) STEVTA Headquarter, Karachi.
6. The Director (Works & Services) STEVTA Headquarter, Karachi.
7. The Director (Academic & Training) STEVTA Headquarter, Karachi.
8. The Director (Procurement) STEVTA Headquarter, Karachi.
9. Deputy Project Coordinator (MIS/SSDP) STEVTA, Karachi.
10. P.S. to Managing Director, STEVTA, Karachi.
11. Deputy Director (Procurement) STEVTA Headquarter, Karachi.
12. Office Order file.

*20/3/16*  
DIRECTOR

Administration (STEVTA)

*g/c*





**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

St-19, Block-06, Gulshan-e-Iqbal, Near Nipa, Karachi

Phone No. 99244112-7 Fax No. 99244118

\*\*\*\*\*



**Technical Proposal**

**ATTENDANCE SHEET OF PURCHASE COMMITTEE OF TENDER FOR  
PROCUREMENT OF ELECTRICAL TECHNOLOGY LAB EQUIPMENT/  
MACHINERY FOR SINDH TEVTA INSTITUTES TENDER NO. STEVTA/PROC/  
Electrical Lab/1(57)/2016 OPENED ON 10.03.2016 AT 11:30 A.M.**

Sr No	Name of Officer	Designation	Signature
1	Dr. Masroor Ahmed Shaikh, Director (Academic & Training), STEVTA Headquarter, Karachi.	Convener.	 3/3/16
2	Dr. Muhammad Saleh Shah, Deputy Project Coordinator, (MIS/SSDP).	Member.	 10.3.16
3	Mr. Khurram Masood, Manager Network I.T. Department, NED University, Karachi.	Member.	 MNL (IT) NED
4	Mr. Musarrat Mukhtar, Deputy Director, Industries Department, Government of Sindh, Karachi.	Member. Dy. Dir.	 10/3/16
5	Mr. Abid Altaf Mian, Director (MIS/Procurement), STEVTA, Headquarter, Karachi.	Member/ <del>Secretary</del> Abid	 10/3/16
6			



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

St-19, Block-06, Gulshan-e-Iqbal, Near Nipa, Karachi  
Phone No. 99244112-7 Fax No. 99244118

\*\*\*\*\*



**Technical Proposal**

**ATTENDANCE SHEET OF BIDDER OF TENDER FOR  
PROCUREMENT OF ELECTRICAL TECHNOLOGY LAB EQUIPMENT/  
MACHINERY FOR SINDH TEVTA INSTITUTES TENDER NO. STEVTA/PROC/  
Electrical Lab/1(57)/2016 OPENED ON 10.03.2016 AT 11:30 A.M.**

Sr No	Name of Firms	Represented by	Mobile/Telephone Number	Signature
1	M/s. Electrical Engineering Services, Karachi.			
2	M/s. Rastec Technologies, Islamabad.	SHAFIQ	03088883120	[Signature]
3	M/s. Intermark Pvt. Ltd. Karachi.	Muhammad Adil	0333-3131151	[Signature]
4	M/s. Rastec Technologies, Karachi.	IAZ	0300-7042606	[Signature]
5	M/s. Faiz Scientific Company, Karachi.			
6	M/s. National Scientific Corporation, Lahore.			
7	M/s. Rizvi & Company, Karachi.			
8	M/s. Al-Waqas Associates, Lahore.	T. C. S.		
9	M/s. Kontinental Establishment, Karachi.	SHERAZ	0301-2074552	[Signature]
10				
11				
12				
13				



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

St-19, Block-06, Gulshan-e-Iqbal, Near NIPA, Karachi.  
Ph: 99243818, Fax 99244118, Website: <http://www.stevta.gos.pk>



**MINUTES OF MEETING**

**MINUTES OF THE MEETING OF THE PROCUREMENT COMMITTEE HELD ON  
10.03.2016 AT 11:30 A.M. TO OPEN THE BIDS (TECHNICAL PROPOSALS)  
INVITED FOR PROCUREMENT OF EQUIPMENT/MACHINERY FOR SETTING-UP  
OF ELECTRICAL TECHNOLOGY LABORATORIES AT 08 GMIs/GPIs AT  
KARACHI, HYDERABAD, MIRPURKHAS, SUKKUR & LARKANA REGIONS.**

A meeting of the Procurement Committee STEVTA was held on 10.03.2016 at 11:30 a.m. in the committee room of Sindh Technical Education & Vocational Training Authority, ST-19, Block-6, Gulshan-e-Iqbal, Karachi, to open the Bids (Technical proposals only) invited for procurement of Equipment/Machinery, for setting-up Electrical Technology Laboratories at Eight Government Polytechnic/Monotechnic Institutes of STEVTA at Karachi, Hyderabad, Mirpurkhas, Sukkur & Larkana Regions of Sindh. Following attended the meeting:

1. Dr. Masroor Ahmed Shaikh, Convener  
Director (Academic & Training), STEVTA.
2. Dr. Muhammad Saleh Shah, Member  
Deputy Project Coordinator (MIS/SSDP).
3. Mr. Khurram Masood, Member  
Manager Network, I.T. Department  
NED University, Karachi.
4. Mr. Abid Altaf Mian, Member  
Director (MIS) STEVTA.
5. Deputy Director, Member  
Industries Department,  
Government of Sindh.

The Committee was informed that the tender notice was got published in leading newspapers; *Express, Dawn, Daily Nation, The Daily Times, The Daily Star* on 24.02.2016. The same was also hoisted on website of SSPRA *www.sppra.gov.pk* at Sr. No. 28567. According to Rule-46(2) of SPPRA Rules-2010, the Single Stage-Two Envelopes bids, containing Technical and Financial Proposals, were invited to procure the Equipment & Machinery for setting-up of Electrical Technology Labs: at Eight Govt. Monotechnic/Poly Technical Institutes of STEVTA in Sindh; located at Karachi, Hyderabad, Mirpurkhas, Sukkur & Larkana Regions.

*Handwritten signatures and initials:*  
Khan, NED  
Masood  
Abid  
[Signature]

The Bid document comprises of following five packages containing articles required to set-up said Electrical Technology Laboratories:

- 1) Package-I (General Purpose & Power System Laboratory)
- 2) Package-II (Electrical Machines Laboratory)
- 3) Package-III (Electronics Basic Laboratory)
- 4) Package-IV (Digital Electronics & Micro Processor Laboratory)
- 5) Package-V (Communication Laboratory)

In response to advertisement; Nine (9) interested firms purchased the bidding documents, out of which Five (5) firms submitted their bids; containing technical & financial proposals supported with company profiles.

The Bidders invited attention of Committee towards the Technical Qualification Requirement given in the bidding document for furnishing samples in respect of all the articles pertaining to Package-IV and requested to remove/waive-off this condition for all the bidders, as the articles are very costly and it is difficult to arrange the same just for competing in bidding process without knowing who is going to win the contract.

Committee discussed and accepted the request of the bidders to remove/waive-off the condition of furnishing samples in respect of articles pertaining to Package-IV.

The Technical Proposals were opened in presence of the bidders or their representatives and evaluated with regard to the qualifications requirements mentioned in the bidding document. A 'Bids Evaluation Statement' of Technical Qualifications was prepared which is attached with the minutes as **Annexure-'A'**.

On opening of Technical Proposals, Committee observed that following firms submitted their bids; for the packages mentioned against their names:

- |   |                            |
|---|----------------------------|
| 1) M/s. Rastec Technologies, Karachi.       | Package-I, II, III, IV & V |
| 2) M/s. Intermark (Pvt.) Ltd, Karachi.      | Package-I, II, III, IV & V |
| 3) M/s. Rastec Technologies, Islamabad.     | Package-IV & V only.       |
| 4) M/s. Al-Waqas Associates, Lahore.        | Package-IV & V only.       |
| 5) M/s. Kontinental Establishment, Karachi. | Package-I & IV only.       |











Committee further observed that M/s. Intermark (Pvt.) Ltd, Karachi submitted bid for all the packages of bidding document, but remained fail to quote rates for all the items in any of the package, whereas any of the package was required to be attempted in full and not partially. Similarly, M/s. Rastec Technologies, Karachi also submitted bid for all the packages of bidding document, but neither mentioned the make & models of quoted articles nor supported the quoted articles with any brochures etc., hence Committee disqualified/rejected the Technical Proposals of both the firms being **"Non-Responsive"** and decided to return their Financial Proposals un-opened.

Keeping in view the Technical Qualifications requirements, the Committee found the technical proposals of following firms **"Responsive"** to further compete in bidding process, hence decided to open their Financial Proposals being technically qualified at a later date:

- 1) M/s. Rastec Technologies, Islamabad.
- 2) M/s. Al-Waqas Associates, Lahore.
- 3) M/s. Kontinental Establishment, Karachi.

Furthermore, in respect of Package II and III, none of the technically qualified firms quoted rates. Besides, in respect of Package-I, only one of the technically qualified firm quoted its rates. Hence, Committee decided to re-invite the Bids for Package I, II and III.

After thread-bared discussions, Committee decided and recommended as follows:

**DECISIONS/RECOMMENDATIONS:**

- 1) Committee decided to remove/waive-off the technical qualification requirement of 'furnishing samples for the articles in respect of Package-IV'.
- 2) Committee decided to disqualify/reject the Technical Proposals submitted by following firms; being "non-responsive":
  - i) M/s. Rastec Technologies, Karachi.
  - ii) M/s. Intermark (Pvt.) Ltd. Karachi.
- 3) Committee decided to re-invite Bids for the Package-I, II and III to procure articles for setting-up of respective laboratories.













- 4) Committee approved the Technical Proposals of the following firms as **Qualified & Responsive** in respect of below packages and decided to open their Financial Proposals at a later date to finalize the recommendations for award of contract:

**Package - IV (Digital Electronics & Micro Processor Laboratory)**

- i) M/s. Rastec Technologies, Islamabad.
- ii) M/s. Al-Waqas Associates, Lahore.
- iii) M/s. Kontinental Establishment, Karachi.

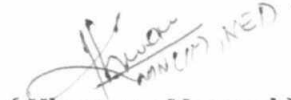
**Package - V (Communication Laboratory)**

- i) M/s. Rastec Technologies, Islamabad.
- ii) M/s. Al-Waqas Associates, Lahore.

The meeting ended with a vote of thanks to and from the Chair.



**( MUSARRAT MUKHTAR )**  
Deputy Director  
Industries Deptt: Govt. of Sindh



**( Khurram Masood )**  
Manager Network  
I.T. Deptt: NED University



**( Abid Altaf Mian )**  
Director (MIS) STEVTA



**( Dr. Muhammad Saleh Shah )**  
Deputy Project Coordinator  
(MIS/SSDP)



**( Dr. Masroor Ahmed Shaikh )**  
Director (Academics & Training)  
STEVTA



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

St-19, Block-06, Gulshan-e-Iqbal, Near Nipa, Karachi  
Phone No. 99244112-7 Fax No. 99244118



\*\*\*\*\*

**Financial Proposal**

**ATTENDANCE SHEET OF PURCHASE COMMITTEE OF TENDER FOR  
PROCUREMENT OF ELECTRICAL TECHNOLOGY LAB EQUIPMENT/  
MACHINERY FOR SINDH TEVTA INSTITUTES TENDER NO. STEVTA/PROC/  
Electrical Lab/1(57)/2016 OPENED ON 05.04.2016 AT 11:00 A.M.**

Sr No	Name of Officer	Designation	Signature
1	Mr. Liaquat Ali Jamaro, Director (Academic & Training), STEVTA Headquarter, Karachi.	Convener.	
2	Dr. Muhammad Saleh Shah, Deputy Project Coordinator, (MIS/SSDP).	Member.	
3	Mr. Khurram Masood, Manager Network I.T. Department, NED University, Karachi.	Member.	
4	Mr. Musarrat Mukhtar, Deputy Director, Industries Department, Government of Sindh, Karachi.	Member. Dy. Dir.	
5	Mr. Abid Altaf Mian, Director (MIS/Procurement), STEVTA, Headquarter, Karachi.	Member/Secretary.	



**Sindh Technical Education &  
Vocational Training Authority (STEVTA)**

St-19, Block-06, Gulshan-e-Iqbal, Near Nipa, Karachi  
. Phone No. 99244112-7 Fax No. 99244118

\*\*\*\*\*



**Financial Proposal**

**ATTENDANCE SHEET OF BIDDER OF TENDER FOR  
PROCUREMENT OF ELECTRICAL TECHNOLOGY LAB EQUIPMENT/  
MACHINERY FOR SINDH TEVTA INSTITUTES TENDER NO. STEVTA/PROC/  
Electrical Lab/1(57)/2016 OPENED ON 05.04.2016 AT 11:00 A.M.**

Sr No	Name of Firms	Represented by	Mobile/Telephone Number	Signature
1	M/s. Al-Waqas Associates, Lahore.			
2	M/s. Raastec Technology, Islamabad.	S. SIDDIQI HASAN	030 8388 3120	
3	M/s. Kontinental Establishment, Karachi.	SHERAZ	0301-2074552	



## Sindh Technical Education & Vocational Training Authority (STEVTA)

St-19, Block-06, Gulshan-e-Iqbal, Near NIPA, Karachi.  
Ph: 99243818, Fax 99244118, Website: <http://www.stevta.gos.pk>



### MINUTES OF MEETING

**MINUTES OF THE MEETING OF THE PROCUREMENT COMMITTEE HELD ON 05.04.2016 AT 11:30 A.M, TO OPEN THE FINANCIAL PROPOSALS (OF TECHNICALLY QUALIFIED BIDDERS) OF THE BIDS INVITED FOR PROCUREMENT OF EQUIPMENT/MACHINERY FOR SETTING-UP OF ELECTRICAL TECHNOLOGY LABORATORIES AT 08 GMIs/GPIs AT KARACHI, HYDERABAD, MIRPURKHAS, SUKKUR & LARKANA REGIONS.**

A meeting of the Procurement Committee STEVTA was held on 05.04.2016 at 11:00 a.m. in the committee room of Sindh Technical Education & Vocational Training Authority, ST-19, Block-6, Gulshan-e-Iqbal, Karachi, to open the Financial Proposals (of Technically qualified bidders) of the bids invited for procurement of Equipment/Machinery, for setting-up Electrical Technology Laboratories at Eight Government Polytechnic/Monotechnic Institutes of STEVTA at Karachi, Hyderabad, Mirpurkhas, Sukkur & Larkana Regions of Sindh. Following attended the meeting:

- |    |   |          |
|----|---|----------|
| 1. | Prof: Liaquat Ali Jamro,<br>Director (Academic & Training), STEVTA.                 | Convener |
| 2. | Dr. Muhammad Saleh Shah,<br>Deputy Project Coordinator (MIS/SSDP).                  | Member   |
| 3. | Mr. Khurram Masood,<br>Manager Network, I.T. Department<br>NED University, Karachi. | Member   |
| 4. | Mr. Abid Altaf Mian,<br>Director (MIS) STEVTA.                                      | Member   |
| 5. | Deputy Director,<br>Industries Department,<br>Government of Sindh.                  | Member   |

The Committee was informed that in accordance to Rule-46(2) of SPPRA Rules-2010, the Single Stage - Two Envelopes bids, containing Technical and Financial Proposals, were invited to procure the Equipment & Machinery for setting-up of Electrical Technology Labs: at Eight Govt. Monotechnic/Poly technical Institutes of STEVTA in Sindh; located at Karachi, Hyderabad, Mirpurkhas, Sukkur & Larkana Regions. The tender notice was got published in leading newspapers on 24<sup>th</sup> February 2016 and also hoisted/put on the website of SPPRA at Sr. No. 28567 dated 17.02.2016

*[Handwritten signatures and initials]*

The Technical Proposals were opened on 10.03.2016 by the Procurement Committee, headed by Dr. Masroor Ahmed Shaikh, the then Director (Academic & Training) being its Convener. Later, Dr. Masroor Ahmed Shaikh, transferred and Prof: Liaquat Ali Jamro posted as Director (Academic & Training) STEVTA. Accordingly, the Procurement Committee constitution was notified again vide No. STEVTA/Proc/1(5)/2013/838 dated 30.03.2016.

The Procurement Committee in its earlier meeting held on 10.03.2016, decided to re-invite Bids for the Package-I, II and III to procure articles for setting-up of respective laboratories. Besides, the Committee approved the Technical Proposals of the following firms as **Qualified & Responsive** in respect of below packages and decided to open their Financial Proposals to finalize the recommendations for award of contract:

**Package - IV (Digital Electronics & Micro Processor Laboratory)**

- i) M/s. Rastec Technologies, Islamabad.
- ii) M/s. Al-Waqas Associates, Lahore.
- iii) M/s. Kontinental Establishment, Karachi.

**Package - V (Communication Laboratory)**

- i) M/s. Rastec Technologies, Islamabad.
- ii) M/s. Al-Waqas Associates, Lahore.

Accordingly, the Committee opened the Financial Proposals of the above firms and the rates were announced in presence of the bidders or their representatives. Comparative statement of quoted rates is annexed with the minutes as Annexure-A. The details of rates are given as follows:

**PACKAGE – IV(Digital Electronics & Micro Processor Laboratory)**

Sr. No.	Name of Bidding Firm	Bid Value	Remarks
1	M/s. Al-Waqas Associates, Lahore.	9,640,000	1 <sup>st</sup> Lowest
2	M/s. Rastec Technologies, Islamabad.	9,988,056	2 <sup>nd</sup> Lowest
3	M/s. Kontinental Establishment, Kyc.	27,433,440	3 <sup>rd</sup> Lowest

**PACKAGE – V (Communication Laboratory)**

Sr. No.	Name of Bidding Firm	Bid Value	Remarks
1	M/s. Al-Waqas Associates, Lahore.	19,888,000	1 <sup>st</sup> Lowest
2	M/s. Rastec Technologies, Islamabad.	21,149,856	2 <sup>nd</sup> Lowest

Page 2 of 3



Accordingly, Committee decided and recommended as follows:

**DECISIONS:**

1) Committee decided and recommended to award the contract to following firm(s) for the Package-IV and V, in amount mentioned against each:

- |     |            |                                  |                 |
|-----|------------|----------------------------------|-----------------|
| i)  | Package-IV | M/s. Al-Waqas Associates, Lahore | Rs.9,640,000/-  |
| ii) | Package-V  | M/s. Al-Waqas Associates, Lahore | Rs.19,888,000/- |

**The meeting ended with a vote of thanks to and from the Chair.**



**( Musarrat Mukhtar )**  
Deputy Director  
Industries Deptt: Govt. of Sindh  
Member



**( Khurram Masood )**  
Manager Network  
I.T. Deptt: NED University  
Member



**( Abid Altaf Mian )**  
Director (MIS/Proc) STEVTA  
Member/Secretary



**( Dr. Muhammad Saleh Shah )**  
Deputy Project Coordinator  
(MIS) SSDP STEVTA  
Member



**( Engr: Liaquat Ali Jamro )**  
Director (Academics & Training) STEVTA  
Convener

Sindh Technical Education & Vocational Training Authority (STEVTAA)

**PROCUREMENT OF EQUIPMENT/ELECTRICAL FOR SETTING-UP OF ELECTRICAL TECHNOLOGY LABORATORIES**

**BIDS EVALUATION STATEMENT (Technical Specifications)**

Sr. No.	Name of Article	NAME OF BIDDING FIRMS				
		Equipment/Electrical Laboratories				
		M/s. Rastek Technologies Karachi	Intermark (Pvt) Ltd. Karachi	M/s. Al-Waqas Associate Lahore	Kontinental Establishment	M/s. Rastek Technologies Islamabad
1	2	3	4	5	6	7
A)	<b>Qualification Requirements:</b>					
1	Minimum 10 Years Relevant Business Experience.	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
2	Minimum 3 contracts of Rs.20 million each during last 3 years for supply of similar goods.	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
3	Annual turnover of atleast Rs.150.0 Million for one year in last 03 years (Copies of financial statements be attached).	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
4	NTN & Sales Tax Registration (Copies of certificates be attached).	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
5	Affidavit of firm (on stamp paper) that it is not black listed.	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
6	Manufacturer's Authorization (in r/o articles where applicable)	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
7	Must have physical office address and working land line phone numbers.	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
8	List of supporting staff/technical team.	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
9	Provision of brochures in respect of Computers & Equipment and samples in r/o Furniture is must.	OK ✓	OK ✓	OK ✓	OK ✓	OK ✓
10	Samples are mandatory to provide by bidders in respect of Package-IV					
	<b>Overall Position of Bid/Technical Proposals :-</b>	Qualified	Qualified	Qualified	Qualified	Qualified


*[Handwritten Signature]*

*[Handwritten Signature]*  
*[Handwritten Signature]*  
 HANJRA, NED

## Comparative Statement Electrical Technology Laboratories.

### PACKAGE-IV Digital Electronic & Micro Processor Laboratory:

Item No	Description of Items	QTY	M/s. Al-Waqas Associates, Pvt. Ltd. Lahore 1st Lowest		M/s. Rasstec Technologies Pvt. Ltd. Islamabad 2nd Lowest		M/s. Kontinental Establishment Pvt. Ltd. Karachi. 3rd Lowest		Remarks
			Per Item Rate	Total Amount	Per Item Rate	Total Amount	Per Item Rate	Total Amount	
1	Regulator Power Supply.	96	13,500	1,296,000	21,996	2,111,616	12,240	1,175,040	
2	Digital IC Trainer.	80	20,000	1,600,000	27,612	2,208,960	108,000	8,640,000	
3	Digital IC Tester.	8	43,000	344,000	65,871	526,968	79,200	633,600	
4	8085 Micro Processor Kit.	80	45,000	3,600,000	36,036	2,882,880	76,500	6,120,000	
5	Micro Controller Trainer Kit.	40	30,000	1,200,000	27,612	1,104,480	130,500	5,220,000	
6	8086 Trainer Kit.	32	50,000	1,600,000	36,036	1,153,152	176,400	5,644,800	
<b>Total:-</b>			--	9,640,000	--	9,988,056	--	27,433,440	

 M. N. (S) NED  
 Abd  


# Comparative Statement Electrical Technology Laboratories.

## PACKAGE-V Communication Laboratory:

Item No	Description of Items	QTY	M/s. Al-Waqas Associates, Pvt. Ltd. Lahore 1st Lowest		M/s. Rasstec Technologies Pvt. Ltd. Islamabad 2nd Lowest		Remarks
			Per Item Rate	Total Amount	Per Item Rate	Total Amount	
1	R.F. Signal Generator.	40	35,000	1,400,000	35,685	1,427,400	
2	Digital Storage Oscilloscope.	16	140,000	2,240,000	137,826	2,205,216	
3	R.F. Power O/P Meter.	24	80,500	1,932,000	222,300	5,335,200	
4	EPABX Training System.	8	198,000	1,584,000	128,349	1,026,792	
5	Digital Multi Meter.	40	6,600	264,000	1,053	42,120	
6	Digital LCR Meter.	16	55,000	880,000	23,985	383,760	
7	Pulse Generator.	16	52,000	832,000	43,758	700,128	
8	Function Generator.	16	47,500	760,000	43,758	700,128	
9	DC Regulated Dual Power Supply.	24	39,500	948,000	38,961	935,064	
10	Distoration Factor Meter.	16	97,000	1,552,000	96,993	1,551,888	
11	Mobile Phone Trainer.	8	150,000	1,200,000	92,313	738,504	


  
 M/s. Al-Waqas Associates, Pvt. Ltd.


  
 M/s. Rasstec Technologies Pvt. Ltd.


  
 Head

Item No	Description of Items	QTY	M/s. Al-Waqas Associates, Pvt. Ltd. Lahore 1st Lowest		M/s. Rasstec Technologies Pvt. Ltd. Islamabad 2nd Lowest		Remarks
			Per Item Rate	Total Amount	Per Item Rate	Total Amount	
12	Statellite Communication Trainer.	8	398,000	3,184,000	407,745	3,261,960	
13	Fiber Optics Trainer.	8	98,500	788,000	78,039	624,312	
14	VCD Player Trainer.	8	80,500	644,000	55,224	441,792	
15	Antenna Trainer.	8	210,000	1,680,000	221,949	1,775,592	
		<b>Total:-</b>	--	19,888,000	--	21,149,856	

(Musarrat Mukhtar )  
Deputy Director  
Industries Deptt: Govt. of Sindh  
Member

(Abid Altaf Mian)  
Director (MIS/Proc) STEVTA  
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(MIS) SSDP STEVTA  
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