



ditcpo@gmail.com
office: 021-99212082

OFFICE OF THE DIRECTOR
INFORMATION & TECHNOLOGY
SINDH POLICE KARACHI

No. 1803

/DIT/CPO/TND/2018
Dated: 24.05.2018

To,

The Assistant Director (Assessment)
Sindh Public Procurement Regulatory Authority,
Block-8, Sindh Secretariat 4A, Court Road,
Karachi.

Subject:- NIT REF NO.784-92/DIT/ 2018 DATED 22-02-2018 (S.No.36992).

Kindly refer to your good office letter No. AD (Assesst)/SPPRA- 36992/ 17-18/4021,
Dated: 17.05.2018, on the cited subject:-

2. The para wise comments are submitted, for kind perusal as desired.

S.#	Objections of SPPRA	Replies
1	Bid Evaluation does not clearly mention the rate and quantities of each item as per schedule of requirement for both items. Just commutation total is mentioned which is much less then estimated cost mentioned in Notice Inviting Tender, in case of item No. 2 Procuring Agency is required to clarify.	The Revised Comparative Statement with unit price and quantity of both Nits are submitted herewith as desired, please.
2	Procuring Agency is required to furnish comparative statement showing each item as per Bill of Quantities/Schedule of requirement mentioning unit price and total cost of each items along with total of all items.	

3. It is further submitted that the BER may kindly be hoisted at earliest in order to complete procurement formalities before closing of the financial year.

SPPRA INWARD DIARY

NO : 5533
DATED : 28-05-2018

Manglio Sb

(TABASUM ABBASI)
Director
Information Technology
CPO, Sindh, Karachi.


**COMPARATIVE STATEMENT FOR THE PROCUREMENT OF HARDWARE
EQUIPMENT FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT
SYSTEM PROJECT OF SINDH POLICE.**

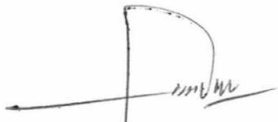
S #	Name of Firm or Bidder	Brand Model	Qualified / Disqualified	Bid Accepted/ Rejected	Qty	Unit Price	Total	Remarks
1.	M/s S.I Global.	Desktop Computer	Qualified.	Accepted.	115	118,000	103,570,000	Because of lowest rate. Recommended to award of contract.
		Laptop.			05	111,045	555,225	
		Thin Client			115	80,000	9,200,000	
		Laserjet Printer			115	36,160	4,158,400	
		Digital Persona			230	16,700	3,841,000	
		Digital Webcam			230	2,544	585,120	
		SAN Storage.			01	4,686,000	4,686,000	
		1KVA UPS			230	16,300	3,749,000	
		30KVA UPS			01	1,250,000	1,250,000	
		Tablet			05	40,000	200,000	
		Total						
2.	M/s Kontinental Establishment		Disqualified.	Rejected.	-	-	-	Disqualified in Technical Evaluation.


(SUMAIR MURAD SHAH)
 V.C Engineer, IS&T Dept.
 Govt. of Sindh
 (Member)


(SUHAIL ANJUM JAFRI)
 S.O Budget Home Dept.
 Govt. of Sindh
 (Member)


(Capt. @ Ghulam Azfar Mahesar)
PPM, PSP.
 AIGP Welfare, Sindh Karachi.
 (Member)


(TABASUM ABBASI)
 Director I.T, CPO Sindh Karachi.
 (Secretary)

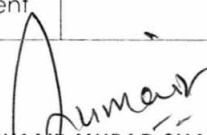

(JAVED AKBAR RIAZ), PSP
 DIGP Information Technology, Sindh
 (Chairman)


BID EVALUATION REPORT

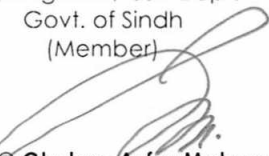
1	Name of Procuring Agency.	Sindh Police.
2	Tender Reference No.	INF-KRY No.1356/18
3	Tender Description/Name of work/Item.	The Procurement of Hardware Equipment for Automation of Human Resources management System Project of Sindh Police.
4	Method of Procurement.	Single Stage Two Envelope Procedure
5	Tender Published (Print & Electronic Media (SPPRA ID No.& News Papers names with dates)	SPPRA Sr. # 36992 / 2018, Daily Dawn dated: 26-02-2018 / Aghaz dated: 27-02-2018 / Express dated: 25.02.2018 and daily Subh dated: 26-02-23018.
6	Total Bid documents Sold.	10
7	Total Bids Received.	02
8	Technical Bid Opening date: (If applicable).	15.03.2018
9	No. of Bid technically qualified (If applicable).	01
10	Bid(s) Rejected.	01
11	Financial Bid Opening date.	26-04-2018

Bid Evaluation Report:

S #	Name of Firm or Bidder	Name of Device	Cost offered by the Bidder			Ranking in terms of cost	Comparison with Estimated cost	Reasons for Acceptance/ Rejection	Remarks
			Qty	Unit Cost	Total Cost				
0	1	2	3			4	5	6	7
1.	M/s S.I Global.	Items.				1 st	As per estimated cost.	Accepted.	Because of lowest rate. Recommended to award of contract.
		Desktop Computer	115	118.000	13.570.000				
		Laptop.	05	111.045	555.225				
		Thin Client	115	80.000	9.200.000				
		Laserjet Printer	115	36.160	4.158.400				
		Digital Persona	230	16.700	3.841.000				
		Digital Webcam	230	2.544	585.120				
		SAN Storage.	01	4.686.000	4.686.000				
		1KVA UPS	230	16.300	3.749.000				
		30KVA UPS	01	1,250.000	1.250.000				
		Tablet	05	40.000	200.000				
		Total	41,794,745						
2.	M/s Kontinental Establishment						Rejected.	Disqualified in Technical Evaluation.	


(SUMAIR MURAD SHAH)
V.C Engineer, IS&T Dept.
Govt. of Sindh
(Member)


(SUHAIL ANJUM JAFRI)
S.O Budget, Home Dept.
Govt. of Sindh
(Member)


(Capt. Ghulam Azfar Mahesar)
PPM, PSP.
AIGP Welfare, Sindh Karachi.
(Member)


(TABASUM ABBASI)
Director I.T, CPO Sindh Karachi.
(Secretary)


(JAVED AKBAR RIAZ), PSP
DIGP Information Technology, Sindh
(Chairman)

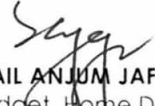
**BID EVALUATION REPORT FOR THE PROCUREMENT OF THE PROCUREMENT OF FURNISHERS
& FIXTURES FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT SYSTEM
PROJECT OF SINDH POLICE.**


1	Name of Procuring Agency.	Sindh Police.
2	Tender Reference No.	INF-KRY No.1356/18
3	Tender Description/Name of work/Item.	The Procurement of Furnishers & Fixtures for Automation of Human Resources management System Project of Sindh Police. (Office Chair & Office Table).
4	Method of Procurement.	Single Stage Two Envelope Procedure
5	Tender Published (Print & Electronic Media (SPPRA ID No.& News Papers names with dates)	SPPRA Sr. # 36992 / 2018, Daily Dawn dated: 26-02-2018 / Aghaz dated: 27-02-2018 / Express dated: 25.02.2018 and daily Subh dated: 26-02-23018.
6	Total Bid documents Sold.	05
7	Total Bids Received.	03
8	Technical Bid Opening date: (If applicable).	15.03.2018
9	No. of Bid technically qualified (If applicable).	01
10	Bid(s) Rejected.	02
11	Financial Bid Opening date.	26-04-2018

Bid Evaluation Report:

S #	Name of Firm or Bidder	Name of Device	Cost offered by the Bidder			Ranking in terms of cost	Comparison with Estimated cost	Reasons for Acceptance/ Rejection	Remarks
			Items.	Qty	Unit Cost				
0	1	2	3			4	5	6	7
1	M/s Raja Brothers	Office Chair.	230	7.500	1725.000	1 st	As per estimated cost.	Accepted.	Because of lowest rate. Recommended to award of contract.
		Office Table.	230	4940	1.136.200				
		Total			2.861.200				
2	M/s Eastern Trading Corporation	-	-	-	-	-	-	Rejected.	Disqualified in Technical Evaluation.
3	M/s Multi Business Corporation	-	-	-	-	-	-	Rejected.	Disqualified in Technical Evaluation.


(SUMAIR MURAD SHAH)
V.C Engineer, IS&T Dept.
Govt. of Sindh
(Member)


(SUHAIL ANJUM JAFRI)
S.O Budget, Home Dept.
Govt. of Sindh
(Member)



(Capt. ® Ghulam Azfar Mahesar)
PPM, PSP.
AIGP Welfare, Sindh Karachi.
(Member)


(TABASUM ABBASI)
Director I.T, CPO Sindh Karachi.
(Secretary)


(JAVED AKBAR RIAZ), PSP
DIGP Information Technology, Sindh
(Chairman)

**COMPARATIVE STATEMENT FOR THE PROCUREMENT OF THE PROCUREMENT OF
FURNISHERS & FIXTURES FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT
SYSTEM PROJECT OF SINDH POLICE.**


S #	Name of Firm or Bidder	Brand Model	Qualified / Disqualified	Bid Accepted/ Rejected	Qty	Unit Price	Total	Remarks
1	M/s Raja Brothers	Office Chair.	Qualified.	Accepted (Because of lowest rate).	230	7,500	1725.000	Because of lowest rate. Recommended to award of contract.
		Office Table.			230	4940	1,136.200	
					Total		2,861.200	
2	M/s Eastern Trading Corporation	-	Disqualified.	Rejected.	-	-	-	Disqualified in Technical Evaluation.
3	M/s Multi Business Corporation	-	Disqualified.	Rejected.	-	-	-	Disqualified in Technical Evaluation.


(SUMAIR MURAD SHAH)
 V.C Engineer, IS&T Dept.
 Govt. of Sindh
 (Member)


(SUHAIL ANJUM JAFRI)
 S.O Budget, Home Dept.
 Govt. of Sindh
 (Member)


(Capt. @ Ghulam Azfar Mahesar)
 PPM, PSP.
 AIGP Welfare, Sindh Karachi.
 (Member)




(TABASUM ABBASI)
 Director I.T, CPO Sindh Karachi.
 (Secretary)


(JAVED AKBAR RIAZ), PSP
 DIGP Information Technology, Sindh
 (Chairman)

ATTENDANCE SHEET

PROCUREMENT OF HARDWARE EQUIPMENTS FOR HRMS FOR ALL EMPLOYEES OF
SINDH POLICE DEPARTMENT

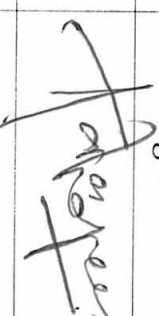
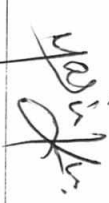
Dated: 15.03.2018 @ 1430 hrs

S.#	Name of Firms	Name of Representative	Email Address & Mobile	Signature
1	M/S Faiz Scientific Company			
2	M/s Wateen Solution			
3	M/s Bahria Enterprise System			
4	M/s Micro Innovation of Technology			
5	M/s Sapphire Consulting Services			
6	M/s Pakistan Civil & Electrical Work			
7	M/s SI Global Karachi	Adnan Shamim	adnan.shamim@sigbl.com 0322-2741893	
8	M/s Computer Marketing Co	Adnan Shamim		
9	M/s S B S Solution			
10	M/s Kontinental Establishment	Yasir Khan	accounts@ce.com.pk 0315-0261434	

BIDDERS ATTENDANCE SHEET

MEETING REGARDING FINANCIAL BID OPENING FOR PROCUREMENT OF HARDWARE
EQUIPMENTS FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT SYSTEM (HRMS)
PROJECT CFY YEAR 2017-18.

Dated: 26.04.2018

S.#	Company's Name	Name of Representatives	Designation	Email Address & Mobile	Signature
1	SI Global Solution	Farooz Nayees	Sales Manager	0317200076	
2	Kontinental Establishment	YASIR KHAN	Coordinator	0315-0261434	

ATTENDANCE SHEET







MEETING REGARDING FINANCIAL BID OPENING FOR PROCUREMENT OF HARDWARE EQUIPMENTS AND FURNITURE & FIXTURE FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT SYSTEM (HRMS) PROJECT CPY YEAR 2017-18.

Dated: 26.04.2018

S.#	Name	Designation	Department	Email Address & Mobile	Signature
1	Mr. Javed Akbar Riaz, PSP	DIGP (I.T) Sindh	Sindh Police		
2	Capt. ® Ghulam Azfar Mahesar, PPM, PSP	AIGP Welfare, Sindh	Sindh Police		
3	Ms. Tabasum Abbasi	Director (I.T) CPO, Sindh	Sindh Police	ditcpo@gmail.com 99212082	
4	Mr. Suhail Anjum Jafri	SO Budget	Home Deptt		
5	Mr. Sumair Murad Shah	VC Engineer	IS&T	Sumair105 @ Gmail .com 0300-3307331	
6	Mr. Hasnain	<i>Member</i>	CPLC	Hasnain @ Hasnain .BIZ 0300 8526000	
7	Dr. Shaukat Wasi	Head Of Dept. CS	M.A.I.U		
8	Mr. Asif Aqeel	Sr. Instructor	STEVTA	Sr. Instruktor 0321284812	

ATTENDANCE SHEET
FINALIZING TECHNICAL EVALUATION FOR HARDWARE EQUIPMENT FOR AUTOMATION OF HUMAN RESOURCES
MANAGEMENT SYSTEM (HRMS)PROJECT FOR ALL EMPLOYEES OF POLICE DEPARTMENT

03.04.2018 @1500 hrs

S.#	Name	Designation	Department	Email address & Mobile	Signature
1	Javed Akbar Riaz, PSP	DIGP (I.T) Sindh	Sindh Police	pakpolice@hotmail.com	
2	Capt.R Ghulam Azfar Mahesar, PPM,PSP	AIGP Welfare	Sindh Police	pspazfar@gmail.com	
3	Ms. Tabasum Abbasi	Director (I.T) CPO, Sindh	Sindh Police	ditcpo@gmail.com 99212082	
4	Suhail Anjum Jafri	S O Budget	Home Department		
5	Sumair Murad Shah	VC Engineer	IS&T, Department Govt. of Sindh	Sumair105@gmail.com 03003307331	
6	Syed Hasnain	Member	CPIC	0300-8526000	
7			M.A.J.U		

ATTENDANCE SHEET
TECHNICAL EVALUATION OF HARDWARE EQUIPMENTS FOR HRMS FOR ALL
EMPLOYEES OF SINDH POLICE DEPARTMENT







Dated: 30.03.2018

S.#	Name	Designation	Department	Email Address & Mobile	Signature
1	Javed Akber Riaz, PSP	DIGP (I.T) Sindh	Sindh Police	pakpolice@hotmail.com	
2	Capt. ® Ghulam Azfar Mahesar, PPM, PSP	AIGP Welfare	Sindh Police	pspazfar.psp@gmail.com	
3	Ms. Tabasum Abbasi	Director (I.T) CPO, Sindh	Sindh Police	ditcpo@gmail.com 99212082	
4	Suhail Anjum Jafri	SO Budget	Home Department		
5	Sumair Murad Shah	VC Engineer	IS&T, Department Govt. of Sindh	sumair105@gmail.com 0300-3307331	
6	Syed Hasnain	Member	CPLC	0300-8526000	
7			M.A.J.U		
8					

ATTENDANCE SHEET

PROCUREMENT OF HARDWARE EQUIPMENTS FOR HRMS FOR ALL EMPLOYEES OF
SINDH POLICE DEPARTMENT

Dated: 15.03.2018 @ 1430 hrs

S.#	Name	Designation	Department	Email Address & Mobile	Signature
1	Javed Akber Riaz, PSP	DIGP (I.T) Sindh	Sindh Police	Pa@police@hotmail.com	
2	Capt. @ Ghulam Azfar Mahesar, PPM, PSP	AIGP Welfare	Sindh Police	psppafor.psp@gmail.com.	
3	Ms. Tabasum Abbasi	Director (I.T) CPO, Sindh	Sindh Police	ditcpo@gmail.com 99212082	
4	Suhail Anjum Jafri	SO Budget	Home Department		
5	Sumair Murad Shahi	UPR Engr.	IS&T, Department Govt. of Sindh	Sumair105@gmail.com 0300-3307331	
6	SYED HASNAIN	MEMBER	CPLC	Hassain@Hassain.BIZ 0300 8526000	
7			M.A.J.U		
8					



ditcpo@gmail.com

office: 021-99212082

OFFICE OF THE DIRECTOR
INFORMATION & TECHNOLOGY
SINDH POLICE KARACHI

No. 1303A /DIT/CPO/2018

Dated: 03/4/2018

Subject: MINUTES OF MEETING REGARDING TECHNICAL EVALUATION FOR PROCUREMENT OF HARDWARE EQUIPMENT, FIRNITURE & FIXTURE, FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT SYSTEM PROJECT FOR ALL POLICE DEPARTMENT FOR THE YEAR 2017-18

A meeting of Procurement Committee was held on 03.04.2018 @ 1130 hours regarding technical evaluation for "PROCUREMENT OF HARDWARE EQUIPMENT, FIRNITURE & FIXTURE, FOR AUTOMATION OF HUMAN RESOURCES MANAGEMENT SYSTEM PROJECT FOR ALL POLICE DEPARTMENT FOR THE YEAR 2017-18." under the chairmanship of DIGP I.T, Sindh at 4th Floor, Central Police Office Sindh, Karachi..

2) Following officers attend the meeting:

1. Capt. ® Ghulam Azfar Mahesar, PPM, PSP (Member)
AIGP Welfare, CPO Sindh Karachi.
2. Ms Tabasum Abbasi (Secretary)
Director I.T, CPO Sindh Karachi.
3. Mr. Suhail Anjum Jafri (Member)
S.O Budget, Home Department, Govt. of Sindh
4. Mr. Sumair Murad Shah (Member)
VC Engineer, IS&T Department, Govt. of Sindh
5. Mr. Syed Hasnain (Co-opted Member)
Representative of CPLC, Karachi.

2. The DIGP IT CPO Sindh welcomed all the participants and requested Secretary of the committee to brief the members on the agenda of the meeting. Director IT, Sindh Police gave detailed brief to committee members, on the previous meeting discussion and decisions.

3. It was informed to the committee that the following firms submitted separately their Technical and Financial Bids for "Procurement Of Hardware Equipment, Firniture & Fixture, For Automatio Of Human Resources Management System Project for All Employees of Police Department for tl Year 2017-18.".

02 Firms for Hardware Equipments.

S.#	Name of Firm
1	M/s Kontinental Establishment
2	M/s SI Global

03 Firms for Firniture & Fixture.

S.#	Name of Firm
1	M/s Eastern Trading Corporation
2	M/s Multi Business Corporation Karachi
3	M/s Raja Brothers

4. The following sub committees were constituted to evaluation the technical proposal in detail and submit their recommendations.

1. Sub-Committee for Technical Evaluation of Hardware Equipments

- i. Ms. Tabasum Abbasi Director I.T, CPO Sindh Karachi
- ii. Mr. Sumair Murad Shah IS&TD VC Engineer, Govt. of Sindh
- iii. Mr. Asim Shaikh Technical Expert of CPLC, Karachi

Term of Reference:-

- a. To compare the specification with the tender / RFP
- b. To verify the technical bill of quantity (BOQ)
- c. To verify the documents attached for evaluation and submit their recommendations.

2. Sub-Committee for Evaluation of Technical Proposal of Furniture & Fixture

- i. Mr. Syed Muhammad Ali Raza
- ii. AIGP Logistics, CPO Sindh
- iii. Mr. Abdul Saleem Khan, STEVTA, Govt. of Sindh
- iv. Mr. Syed Faiez Raza Rep. I.T Branch, CPO Sindh

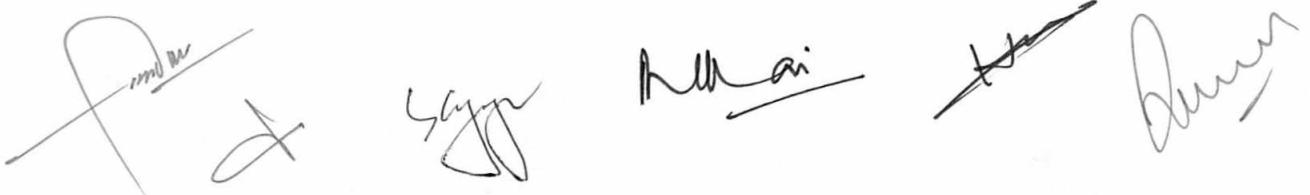
Term of Reference:-

- a. To review the proposal and submit the final recommendation on the basis of quality and requirement of the RFP.
- b. Survey of workshops & Machinery/ Display Centers of the Bidders.
- c. Furniture sample inspection/Evaluation.

5. The Committee Members thoroughly reviewed the Technical Proposals after a detailed discussion and deliberation the following decision were taken on the basis of the evaluations report of the sub committee

- i. Technical Evaluation for Hardware Equipment, For Automation of Human Resources Management System

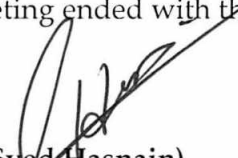
S#	Name Of firm	Status	Reason /Justification
1	M/s Kontinental Establishment	Disqualified	The subcommittee recommended disqualified on the basis of Following Ground : <ul style="list-style-type: none">i. ISO Certificate was not Providedii. Below Technical Specification in Laptop and Tablet
2	M/s SI Global	Qualified	The bid was technically compliant to the qualification criteria and specification in the RFP





ii. Technical Evaluation for Furniture Fixture For Automation of Human Resources Management System:


S#	Name Of firm	Status	Reason / Justification
1	M/s Eastern Trading Corporation	Disqualified	The subcommittee recommended disqualified on the basis of Following Ground : i. Computer Table sample was Unsatisfactory ii. Display Center was Unsatisfactory
2	M/s Multi Business Corporation Karachi	Disqualified	The subcommittee recommended disqualified on the basis of Following Ground : i. Computer Chair Sample was Unsatisfactory ii. Workshop was Unsatisfactory
3	M/s Raja Brothers	Qualified	Compliant with the specification and Qualification Criteria of the RFP


The meeting ended with the vote of thanks.



(Syed Hasnain)
Representative of CPLC,
Sindh, Karachi
(Co-opted Member)



(Abdul Saleem Khan)
Representative of STEVTA,
Government of Sindh,
(Co-opted Member)


(Sumair Murad Shah)
VC Engineer, IS&T Department,
Government of Sindh,
(Member)


(Suhail Anjum Jafri)
SO Budget, Home Department,
Government of Sindh,
(Member)


(Tabasum Abbasi)
Director I.T, CPO, Sindh Police
(Secretary)


(Capt. ® Ghulam Azfar Mahesar)
PPM, PSP
AIGP Welfare, Sindh Karachi
(Member)


(Javed Akbar Riaz) PSP
DIGP Information Technology,
Sindh, Karachi
(Chairman)

Copy to:

- 1) All Concerned for information and necessary action.
- 2) PS to IGP Sindh.



ditcpo@gmail.com

office: 021-99212082

OFFICE OF THE DIRECTOR
INFORMATION & TECHNOLOGY
SINDH POLICE KARACHI

No. 1603 /DIT/CPO/2018

Dated: 07.05.2018

Subject: MINUTES OF MEETING REGARDING FINANCIAL BID OPENING FOR PROCUREMENT OF HARDWARE EQUIPMENTS FOR AUTOMATION OF HUMAN RESOURCE MANAGEMENT SYSTEM PROJECT CFY 2017-18

A meeting regarding Financial Bid Opening for Procurement of Hardware Equipments for Automation of HRMS Project under the Chairmanship of DIGP I.T, Sindh, Mr. Javed Akbar Riaz, PSP, held on 26.04.2018 at 1200 hrs at Ground Floor Conference Room, Central Police Office, Karachi.

2. Following officers attend the meeting:

1. Capt. ® Ghulam Azfar Mahesar, PPM, PSP (Member)
AIGP Welfare Sindh, Karachi
2. Ms Tabasum Abbasi (Secretary)
Director I.T, CPO Sindh, Karachi
3. Mr. Suhail Anjum Jaffri (Member)
S.O Budget, Home Department, Govt. of Sindh
4. Mr. Sumair Murad Shah (Member)
V.C Engineer, IS&T Department, Govt. of Sindh
5. Mr. Hasnain (Co-Opted Member)
Representative of CPLC, Karachi.
6. Mr. Asif Aqeel (Co-Opted Member)
Sr. Instructor, STEVTA

3. The meeting started with the recitation of Holy Quran, the DIGP II, Sindh welcomed all the participants and requested Secretary of the committee to brief the evaluation proceedings of the committee and open financial bids of successful bidders who qualified technical evaluation.

4. The Director I.T apprised the committee and the present bidders on the entire process of the evaluation, she informed that during the technical proposals all firms were given the equal opportunity to defend their proposal by issuing the clarifications in accordance with the SPPRA Rule 43 (1) & (2). It was informed that the firm i.e. M/s SI Global is technically qualified and other technical compliance for the technical evaluation as per the RFP document where as M/s Kontinantal Establishment were disqualified in the technical evaluation. The grounds of disqualifications were announced during the proceedings.

5. Prior to the opening of the bid the committee has detailed deliberation on the Technical Evaluation and marks awarded to the above mentioned company.

7. The technical evaluation was announced in presence of the committee members and the representatives of the firm. In technical evaluation the firm i.e. M/s SI Global qualified in the technical evaluation and their financial bids were opened and the financial bids of the disqualified bidders were returned unopened.

8. The quoted rates of M/s S.I Global were compared with the rates / quotations from M/s Computer Marketing Corporation last year procurement 2016-17, the details are as under:

S.#	Item	Unit Cost by M/s SI Global	Unit Cost by last year 2016-17 CMC	Remarks
1	Workstation Branded	118,000	109,521	Reasonable
2	Laptop	111,045	117,906	Reasonable
3	Thin Client	80,000	113,115	Reasonable
4	Printer	36,160	28,668	Reasonable
5	UPS 1000VA	16,300	62,505	Reasonable
6	UPS 30KVA	1,250,000	1,527,644	Reasonable
7	Biometric Device	16,700	17,862	Reasonable
8	Webcam	2,544	1,955	Reasonable
9	SAN Storage	4,686,000	13,523,128	Reasonable
10	Tablet	40,000	30420	Reasonable
	Total cost of project	41,794,745	62,169,186	

Note: as the current financial year 2017-18 model is upgraded and Dollar Rate is increased from 100 to 120 Rupees

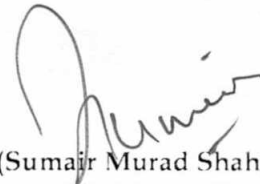
Financial Bid Evaluation result is as under:-

S.#	Name of Firm	Technical Evaluation Result	Rate Quoted	Accepted /Rejected	Remarks
1	M/s SI Global	Qualified	41,794,745	Accepted	Because of Lowest Rate
2	M/s Kontinantal Establishment	Disqualified	-	Rejected	Disqualified in Technical Evaluation

The meeting ended with vote of thanks.




(Hasnain)
Representative of CPLC, Karachi.
(Co-Opted Member)



(Sumair Murad Shah)
V.C Engineer, IS&T Dept., Govt. of Sindh
(Member)



(Suhail Anjum Jafri)
S.O Budget, Home Dept., Govt. of Sindh
(Member)



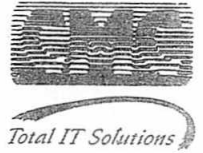
(Tabasum Abbasi)
Director I.T, CPO Sindh Karachi.
(Secretary)



(Capt. ® Ghulam Azfar Mahesar)
PPM, PSP
AIGP Welfare, Sindh Karachi.
(Member)



(Javed Akbar Riaz), PSP
DIGP/Information Technology, Sindh
(Chairman)



FINANCIAL PROPOSAL FORM

Bidder's Profile				
Name	Computer Marketing Company (Pvt) Ltd			
Official Address	306,307, 3rd Floor, Clifton Centre, Kehkashan Clifton, Karachi.			
Telephone(s) No.	021 111-357-357			
Official Fax No.	021 35863444			
GST Registration No.	03-91-9999-858-28			
Income Tax Reg. No.	0984639-5			
No. Of Years in business	Since 1984 33 years			
Sr.No	Quoted Hardware/Software /Equipment/Items/Services	Quantity	Unit Cost (Rs)	Total Cost (Rs)
1	HP ProDesk 600- Desktop	115	109,521	12,594,930
2	Laptop HP i7-7500U 440 G4	5	117,906	589,532
3	ThinClient All in one HP ProOne 400	115	113,115	13,008,206
4	Printer 203dn	115	28,668	3,296,811
5. Option1	Digital Persona URU 5100(included SDK)	230	12,188	2,803,125
6	IBM Storwize V7000 Storage System(Implementation FoC)	1	13,523,128	13,523,128
7	Web Camera	230	1,955	449,719
8	UPS 2 KVA	230	62,505	14,376,091
9	UPS 40 KVA	1	1,527,644	1,527,644
Total Cost in Pak Rupees Rs. 62,169,186				
words. Sixty-two million, one hundred sixty-nine thousand, one hundred eighty-six				
5. Option2	Bio Mini Slim (included SDK)	230	17,862	4,108,330

All prices are inclusive of 17 % GST except Desktop, Laptop and ThinClient.

SAMSUNG

lenovo

PRINTRONIX®

APC | MGE

Critical Power and Cooling Services

WAGNER

SEIKO Precision



Customer Support Services

PROCUREMENT OF HARDWARE EQUIPMENT UNDER "AUTOMATION OF HRMS PROJECT.
Technical Evaluation Sheet.

Mandatory Evaluation Criteria.

S #.	Mandatory Qualifications.	Kontinental Establishment.	S.I Global.
1.	Registration of National Tax Number (NTN) of the Company with Federal Board of Revenue (FBR).	Compliance.	Compliance.
2.	Registration of General Sales Tax (GST) with Federal Board of Revenue (FBR).	Compliance.	Compliance.
3.	Valid registration of the company with Sindh Revenue Board (SRB).	Compliance.	Compliance.
4.	Affidavit That firm is not Blacklisted and involved in any active litigation in Pakistan.	Compliance.	Compliance.
5.	Authorization Certificate from the Manufacturer for the supplied equipments.	Compliance.	Compliance.

Technical Evaluation Criteria.

Evaluation Criteria (Parameters).		Kontinental Establishment.	S.I Global.
Section 1. Company Profile.		Max Marks 100.	
1.1	Company Relevant Experience.	Marks 50.	Marks 50.
1.2	Annual Turnover of the Company of last 3 Years.	Marks 50.	Marks 50.
Section 2. Company Presence.		Max Marks 100.	
2.1	Presence of Firm in Country (Sindh Province wise).	Marks 30.	Marks 10.
2.2	Similar Projects Experience.	Marks 40.	Marks 50.

Handwritten signature

Handwritten signature

Handwritten mark

Handwritten signature

Handwritten scribbles and marks at the top of the page.

Section 3. Technical Specification Compliance.		Max Marks 150.	
3.1	Compliance with required hardware.	Marks 100.	Marks 100.
3.2	ISO Certifications 9001 & 27001.	Marks 50.	Marks 50.
Total Marks.		Obtained Marks.	
	350.	170.	310.
Note:	<u>Passing Marks 80%</u>	Status.	Disqualified. Qualified.


(SYED HASNAIN)
 Representative of CPLC, Karachi.
 (Co-Opted Member)


(SUMAIR MURAD SHAH)
 V.C Engineer, IS&T Dept.
 Govt. of Sindh
 (Member)


(SUHAIL ANJUM JAFRI)
 S.O Budget, Home Dept.
 Govt. of Sindh
 (Member)


(TABASUM ABBASI)
 Director I.T, CPO Sindh Karachi.
 (Secretary)


(JAVED AKBER RIAZ), PSP
 DIGP/Information Technology, Sindh
 (Chairman)


(Capt. R. GHULAM AZFAR MAHESAR),
PPM, PSP
 AIGP Welfare CPO, Sindh Karachi.
 (Member)

HRMS Hardware Equipment Technical Evaluation Comparison.

1. Desktop Computer. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
<ul style="list-style-type: none"> • International Branded Desktop Computer e.g. HP/ Dell / Lenovo / Acer or equivalent or better. • Intel Chipset Q250 Equivalent or Higher. • Intel® Core™ i7-7700 processor (4 Cores / 8 Threads, 3.60 GHz, up to 4.2 GHz, 8 MB, Intel® HD Graphics 630) Intel based Series Chipset or equivalent. • 8GB (4X4 GB) RAM, DDR4, un buffered, non-ECC, 2,400 MHz, UDIMM, supported up to 64 GB • 1 TB SATA Hard Drive. • 4 or higher SATA Port Controller. • DVD-RW Drive. BD Triple Writer SATA ultra slim (tray). BD Triple Writer SATA ultra slim (tray) • 1X1000 Express Gigabit NIC. • Integrated Graphics capability • 19" LED or better. • 2 years comprehensive warranty with parts. • Antivirus one year subscription • Windows 10 Professional with license, key and media. • Sindh Police Bios Logo from Manufacturer. • Manufacturer Authorization Letter and warranty on the name of Sindh Police. 	<p>Intel HP Desk Pro 600 G3</p> <p>Intel Chipset Q270 Intel® Core™ i7-7700</p> <p>8 GB RAM</p> <p>1 TB Hard Disk Yes. DVD-RW</p> <p>Yes. Yes. 19" LED Yes. Yes.</p> <p>Windows 10 Pro. Yes. Yes.</p>	<p>Lenovo ThinkCentre 910</p> <p>Intel Chipset Q270 Intel® Core™ i7-7700</p> <p>8 GB RAM</p> <p>1 TB Hard Disk Yes. DVD-RW</p> <p>Yes. Yes. 19" LED. Yes. Yes.</p> <p>Windows 10 Pro. Yes. Yes.</p>
Remarks.	As per specifications.	As per specifications.

Handwritten signatures and initials at the top of the page.

Large handwritten signature in the middle of the page.

Handwritten signature at the bottom of the page.

2. Laptop. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
<ul style="list-style-type: none"> International Branded Laptop e.g. HP / Dell / Lenovo / Acer equivalent or better Core™ Intel® Core™ i7-7500U processor (2.7 GHz, up to 3.5 GHz, 4 MB) Equivalent with Intel HD Graphics 620. 8 GB DDR -2133 MHz, supporting dual-channel memory up to 32 GB 1 TB SATA HDD 15.6-inch (39.6 cm), LED backlight, (HD), Anti-glare display, compound, 1,366 x 768-pixel, 220 cd/m²integrated: Intel® HD Graphics 520 Built-in webcam, HD (Microsoft® Lync™) USB 3.0: 3 (1 with Anytime USB Charge functionality) 6 Cell Battery, 5,800 mAh, capacity 49Wh Backlit Keyboard Bluetooth, 3 USB 3.0: 1 VGA, 1 Display port; 1 HDMI port, 1 headphone/microphone combo; 1 RJ-45; Warranty 3 Years Windows 10 Professional with license and media Manufacturer Authorization Letter and warranty on the name of Sindh Police. 	<p>HP Pro Book 450 G5</p> <p>Intel® Core™ i7-8550U 1.8 - 4.0 GHz</p> <p>8 GB RAM 1 TB Hard Disk 15.6"</p> <p>Yes. Yes. Yes.</p> <p>3 Cell Battery 48 WH</p> <p>3 Years. Windows 10 Pro. Yes.</p>	<p>Lenovo Thinkpad T570</p> <p>Intel® Core™ i7-7700U 2.8 – 3.9 GHz.</p> <p>8 GB RAM 1 TB Hard Disk 15.6"</p> <p>Yes. Yes. Yes. Yes. Yes.</p> <p>3 Years. Windows 10 Pro. Yes.</p>
Remarks.	<ul style="list-style-type: none"> Processor initial speed is less than the RFP specifications. Battery Specification is below requirements. 	As per specifications.

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

3. Thin Client. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
Processor.	HP T628 2.4 GHz.	Lenovo Think Centre M600m Tiny 2.4 GHz.
Operating System.	Yes.	Yes.
VDI/HSD Support	Yes.	Yes.
Memory.	8GB	8GB
Storage.	32GB	32GB
Webcam / Audio	Yes.	Yes.
CONNECTIVITY.		
Connectors.	Yes.	Yes.
Side.	Yes.	Yes.
Ports.	Yes.	Yes.
Display.	Yes.	Yes.
Keyboard.	Yes.	Yes.
Mouse.	Yes.	Yes.
SOFTWARE:	Windows 10 Pro.	Windows 10 Pro.
Remarks:		
Resolution: 1920x1200 (DVI), 2560x1600 (DP) 18.5-inch Monitor, Dual Display Support Ultra slim Plus Wireless Keyboard / Slim USB Keyboard. Ultra slim Plus Wireless Mouse / Slim USB Mouse. Windows 10 IOT Antivirus one year subscription	As per specifications.	As per specifications.

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

4. Laserjet Printer. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
<ul style="list-style-type: none"> • Printing Method: Digital mono Laser Printer equivalent or better • Speed: 35 RPPM • First Printout: less than 8.5 second • Print Resolution 1200 x 1200 DPI • Recommended duty cycle: 80,000 Pages • Processor Type: 600 MHz • RAM Memory: 256 MB • Standard Interface: parallel, USB 2.0(high speed), Gigabit Ethernet • Pages Type: A4, A5, B4, Legal/letter/envelop • Standard paper input: 250 • Standard paper out: 150-sheet face down output tray • Capabilities: Windows server/2003/2008,2012/vista/win8.1/win 10(32/64bit) Mac OS/Linux • Connectivity: USB 2.0/10/100/1000 Ethernet, Wireless 	<p>HP M203DW / M402DW Laserjet 35 PPM 8.5 Seconds 1200 x 1200 DPI Yes. 800 MHz 256 / 128 Yes</p> <p>Yes</p>	<p>HP M402DW Laserjet 35 PPM 8.5 Seconds 1200 x 1200 DPI Yes. 800 MHz 256 / 128 Yes</p> <p>Yes</p>
<p>Remarks.</p>	<p>As per specifications.</p>	<p>As per specifications.</p>

Handwritten signature/initials in a circle.

Handwritten signature.

Handwritten signature.

Handwritten signature.

Handwritten signature.

Handwritten signature.

Digital Persona Biometric Device. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
<p>Sensor Type Optical</p> <p>Resolution 500dpi / 256 gray</p> <p>Platen Size 16.5 x 21.0 mm</p> <p>Sensing Area 15.24 x 20.32 mm</p> <p>Image Size 300 x 400 pixels</p> <p>Compression Standards WSQ</p> <p>Template Format ISO19794-2, ANSI-378</p> <p>Image Format ISO19794-4</p> <p>IP Rating IP65</p> <p>USB 2.0 High-speed</p> <p>Operating Temperature -10°C ~ 50°C</p> <p>Certification CE, FCC, KC, UL/CB, WHQL, IEC62471, WEEE</p> <p>Dimensions (W x L x H) 72.8 x 40.7 x 18.5 mm (BioMini Slim 2) 59 x 32 x 13.5 mm (BM-Slim2) Android 4.1 (Jelly Bean) and Above Windows & Linux</p> <p>Operating System Anti-Scratches less</p> <p>Features IP 65 or better Dust and Water Proof. LFD Live finger detection Android Compliant NADRA Compliant</p>	<p>Digital Persona URU 5100 Optical</p> <p>500dpi / 256 gray</p> <p>16.5 x 21.0 mm</p> <p>15.24 x 20.32 mm</p> <p>300 x 400 pixels</p> <p>WSQ</p> <p>ISO19794-2, ANSI-378</p> <p>ISO19794-4</p> <p>IP65</p> <p>2.0 High-speed</p> <p>-10°C ~ 50°C</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Anti-Scratches less</p> <p>IP 65 or better</p> <p>Dust and Water Proof.</p> <p>LFD Live finger detection</p> <p>Android Compliant</p> <p>NADRA Compliant</p>	<p>Digital Persona URU 5100 Optical</p> <p>500dpi / 256 gray</p> <p>16.5 x 21.0 mm</p> <p>15.24 x 20.32 mm</p> <p>300 x 400 pixels</p> <p>WSQ</p> <p>ISO19794-2, ANSI-378</p> <p>ISO19794-4</p> <p>IP65</p> <p>2.0 High-speed</p> <p>-10°C ~ 50°C</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>Anti-Scratches less</p> <p>IP 65 or better</p> <p>Dust and Water Proof.</p> <p>LFD Live finger detection</p> <p>Android Compliant</p> <p>NADRA Compliant</p>
<p>Remarks.</p>	<p>As per specifications.</p>	<p>As per specifications.</p>

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

5. Digital Web Cam. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
<p>Resolution Still image resolution. 16 or Up to 16 Megapixel. 4608x3456 (Software interpolated).</p> <p>Frame rate. Lens Viewing angle Focus range. White Balance. Exposure control. Plug-and-Play Video.</p> <p>Interface. Superior low-light performance. Built-in microphone. Magic effects. Universal mounting clamp. Package contents.</p>	<p>A4 Tech PK-810G 16 Megapixels. Up to 16 Megapixel</p> <p>30fps F=2.4, F=3.5 mm. Yes. Yes. Yes. Automatic. Yes.</p>	<p>A4 Tech PK-930HG 16 Megapixels. Up to 16 Megapixel</p> <p>30fps F=2.4, F=3.5 mm. Yes. Yes. Yes. Automatic. Yes.</p>
<p>Remarks.</p>	<p>As per specifications.</p>	<p>As per specifications.</p>

H. H. H. H.

Amur
Amur
Amur
Amur

6. SAN Storage. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
<p>SAN Storage IBM V7000 equivalent or compatible with IBM Blade Servers</p> <p>Unified Storage Offered solution must be Unified Storage System which supports combination of both block and file storage into a single dependable system.</p> <p>Controller</p> <ul style="list-style-type: none"> Dual active/active controllers per controller enclosure with One eight-core processor and compression chip per controller Storage platform should support clustering of up to four controller enclosures to scale performance and capacity as needed Proposed storage shall support Dual active file modules <p>Cache</p> <ul style="list-style-type: none"> Block: 64 GB (32 GB cache per controller for a system total of 64 GB cache) Block: 64 GB upgrade for Real-time Compression File: 144 GB for File SSD will not be considered as cache Clustered systems support up to 512 GB of cache The Storage array shall be offered with 500TB usable capacity using 10% SSD, 90% SAS drives for production System supports up to 250 LFF or 500 SFF drives <p>Capacity & Scalability</p>	<p>IBM V7000</p> <p>As Per Our Requirements.</p> <p>As Per Our Requirements.</p> <p>As Per Our Requirements.</p>	<p>IBM V7000</p> <p>As Per Our Requirements.</p> <p>As Per Our Requirements.</p> <p>As Per Our Requirements.</p>

Handwritten signature/initials at the top of the page.

Handwritten signature/initials on the left margin.

Handwritten signature/initials on the left margin.

Handwritten signature/initials on the left margin.

Handwritten signature/initials on the left margin.

Handwritten signature/initials on the left margin.

Handwritten signature/initials at the top of the page.

<ul style="list-style-type: none"> Expansion enclosures must be attached using high-performance 12 Gbps SAS 		
<p>Disk Drive / RAID Support</p> <ul style="list-style-type: none"> Offered Storage shall support 300GB/600GB 15KRPM SAS Drives, 600GB/900GB/1.2TB/1.8TB 10KRPM SAS Drives and 400GB/800GB/1.6TB/3.2TB Flash Drives Supported RAID should be 0, 1, 10, 5, 6 	As Per Our Requirements.	As Per Our Requirements.
<p>Real Time Compression</p> <ul style="list-style-type: none"> Supports native, in-line compression option with hardware-based acceleration Provide up to 50% compression on Databases & Virtual Environments (Which are not already compressed) Vendor should propose 1 PB of usable capacity in case of Post Process compression function 	As Per Our Requirements.	As Per Our Requirements.
<p>External Virtualization</p> <ul style="list-style-type: none"> Support virtualization of external storage (up to 16 PB or 32 PB total) Compression features should be supported on externally virtualized storage systems 	As Per Our Requirements.	As Per Our Requirements.
<p>No Single point of Failure Protocols</p> <ul style="list-style-type: none"> Offered storage must be configured with redundant Controllers, Power supplies etc. Offered Storage shall support standard protocols FC, FCoE, iSCSI, NAS to provide Unified storage functionality. 	As Per Our Requirements.	As Per Our Requirements.
<p>Performance and QoS</p> <ul style="list-style-type: none"> Industry standard SPC benchmark results must be available Quality of service (QoS) function must be able to limit I/O between specific hosts and volumes and allows to set upper load limits in terms of IOPS and MB 	As Per Our Requirements.	As Per Our Requirements.
<p>Thin</p> <ul style="list-style-type: none"> Offered storage array shall be 	As Per Our Requirements.	As Per Our Requirements.

Handwritten signatures and initials along the bottom of the page, including 'Dumit', 'G...', 'M...', 'S...', and 'P...'.

Aslan

<p>Provisioning</p> <p>supplied with Thin Provisioning Capability</p> <ul style="list-style-type: none"> Thin provisioning support zero detection function for capacity optimization 		
<p>Replication</p> <ul style="list-style-type: none"> Offered storage shall support native IP replication Supports both synchronous and asynchronous replication capabilities Provide WAN optimization technology to reduce bandwidth consumption Offered storage shall provide support for local point-in-time copy services 	<p>As Per Our Requirements.</p>	<p>As Per Our Requirements.</p>
<p>Copy Services</p> <ul style="list-style-type: none"> Available copy options, including full copies (clones) & reference copies (snapshots) Supports up to 256 copies per source volume 	<p>As Per Our Requirements.</p>	<p>As Per Our Requirements.</p>
<p>Management Software</p> <ul style="list-style-type: none"> Vendor shall provide Storage Array configuration and Management software 	<p>As Per Our Requirements.</p>	<p>As Per Our Requirements.</p>
<p>Operating System Support</p> <ul style="list-style-type: none"> Proposed storage must support leading operating systems including AIX, VIOS, IBM i, HP-UX, Solaris, Linux, NetWare, MacOS, Windows, Citrix Xen, Vmware 	<p>As Per Our Requirements.</p>	<p>As Per Our Requirements.</p>
<p>Warranty:</p> <ul style="list-style-type: none"> Three years comprehensive parts replacement warranty on all equipment (Hardware + Software) 	<p>As Per Our Requirements.</p>	<p>As Per Our Requirements.</p>
<p>Configuration</p> <ul style="list-style-type: none"> 2.5-inch Storage Expansion (Qty = 1) 1.8 TB 10,000 rpm 12 Gb SAS 2.5-inch Hard Drive (Qty = 22) 2.8m, 10A/230V, C13 to BS 1363/A (UK) Line Cord (Qty = 1) 0.6m 12 Gb SAS Cable (mSAS HD to mSAS HD) (Qty = 2) 	<p>As Per Our Requirements.</p>	<p>As Per Our Requirements.</p>

Aslan

Aslan

Aslan

Aslan

Aslan

Remarks.

As per specifications.

As per specifications.

7. 1 KVA UPS. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
POWER. UPS Topology. Output Waveform. Warranty. Voltage.	Line-interactive. True Sine wave. 1 year. 220 / 230 / 240 / VAC.	American Power AIDE 1000VA True Sine wave Yes.
INPUT. Frequency Range. AC Voltage Regulation (Batt. Model). Frequency Range (Batt. Model).	220 / 230 / 240 / VAC. 162- 290 VAC. 60/50 Hz (auto-sensing). ±10%. 50Hz or 60Hz ± 1Hz. Typical 2-6ms, 10ms max.	220 / 230 / 240 / VAC. 162- 290 VAC. 60/50 Hz (auto-sensing). Yes. Yes. Yes. Yes.
OUTPUT. Battery Type and Number. Typical Recharge Time.	2 x 12V/9Ah 6-8 hours recovery to 90% capacity.	2 x 12V/9Ah 6-8 hours recovery to 90%
BATTERY. LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Sounding every 10 seconds. Sounding every second. Sounding every 0.5 second. Sounding every 2 seconds. Continuously sounding. 0-90% RH @ 0-40° (non-condensing) Less than 40dB	Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes.
ALARM. Battery Mode. Low Battery. Overload. Battery Replacement Alarm.	Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes.	Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes. Yes.
ENVIRONMENT. Humidity. Noise Level.	0-90% RH @ 0-40° (non-condensing) Less than 40dB	0-90% RH @ 0-40° (non-condensing) Less than 40dB
MANAGEMENT. USB & RS-232 Port.	Supports Windows® 2000/2003/XP/Nista/2008, Windows® 7, Linux, Unix, Yes.	Supports Windows® 2000/2003/XP/Nista/2008, Windows® 7, Linux, Unix, Yes.
Remarks.	As per specifications.	As per specifications.

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

Handwritten signature

8. 30 KVA UPS. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
MODEL	PYRAMID PLUS 330	AEGIS AGS 30
Output Power KVA	30KVA	30KVA
INPUT		
Voltage	380V / 400V 3 Phase.	380 V / 400 V / 415 VAC
Voltage Tolerance	+ - 1.5%	204 ~ 242 VAC (load ≤ 50%); 242 ~ 305 VAC (load ≤ 70%); 305 ~ 520 VAC (load ≤ 100%)
Frequency	50 60 Hz.	50 / 60 Hz (auto-sense)
Frequency Tolerance	+ - 10%	+ - 10%
OUTPUT		
Power Factor	0.8	≥ 0.99
Voltage	380V / 400V 3 Phase.	380 V / 400 V / 415 VAC
Tolerance (Static Condition)	+ - 1%+	+ - 1%
Tolerance (Dynamic Condition)	- 5%	- 5%
Harmonic Distortion Rate On Linear Load	<3%	≤ 1% (linear load); ≤ 5% (non-linear load)
Harmonic Distortion Rate On Non-Linear Load	<5%	<5%
Crest Factor	3	3:1
Frequency	50 or 60 Hz.	50 or 60 Hz.
Frequency Tolerance	+ - 0.2%	+ - 0.2%
Overload	10 Minutes.	102% ~ 127%: transfer to bypass in 10 Minutes.
100% - 125% Load	1 Minute.	127% ~ 150%: transfer to bypass in 1 Minute.
125% - 150% Load	+ - 90%	+ - 90%
Overall Efficiency		
BATTERY		
Type	Maintenance – Free Lead Acid Batteries.	Maintenance – Free Lead Acid Batteries.
Quantity	30 Pcs 12V Batteries.	12V / 9Ah x 64 Pcs
DISPLAY		
LED Display	Line, Battery, Bypass Inverter, Maintenance, Switch, Output Switch Indicator.	Line, Battery, Bypass Inverter, Maintenance, Switch, Output Switch Indicator.
LCD Display	Load%, Output Voltage & Frequency, Input And By Pass voltages, Battery Voltage and Current, Temperature Alarm Messages.	Battery mode, low battery, fans fault etc.
COMMUNICATION		
Interface (Communication Ports)	RS232	RS232 / RS485 / USB / dry contacts (standard)

(Signature)

(Signature)

(Signature)

(Signature)

(Signature)

<p>Dry Contact Signals</p>	<p>Line Failure, Battery Low, Load On By Pass Voltages, Battery CB Input, Battery CB output, Emergency Stop Input</p>	<p>Overload, surge, Short circuit, battery low voltage, battery overcharge, over-temperature</p>
<p>PHYSICAL SPECIFICATIONS Weight Without Battery (kg) Dimensions (mm) WxDxH</p> <p>ENVIRONMENT Audible Noise Operating Temperature Relative Humidity (Non Condensing) Protection Level</p> <p>STANDARDS</p>	<p>285 490x650x1190</p> <p><55dBA 0 - 40 C° 0 - 95 % IP 20</p> <p>EN 62040-1-1 (Safety), EN 62040-2 (EMC).</p>	<p>188 / 205KG With Batteries 600 x 800 x 1360</p> <p><60dBA 0 - 40 C° 0 - 95 % IP 20</p> <p>EN62040-2</p>
<p>Remarks.</p>	<p>As per specifications.</p>	<p>As per specifications.</p>

Handwritten signatures and initials:

- Almery* (top left)
- Mari* (middle left)
- Agust* (middle left)
- Alfonso* (circled, middle left)
- WZ* (middle left)
- Quinn* (bottom left)

10. Tablets. (Specification Comparison).

Specifications.	Kontinental Establishment.	S.I Global
Display. 10.5-inch or better Processor. 1.3 GHz Octa-core or above. Front Camera. 2.1 Megapixel or better Resolution. 2560x1600 pixels. RAM. 3GB. OS. Android 4.4. or better Storage. 16GB. Rear Camera. 8-megapixel or better	Samsung Galaxy Tab A T585 10.1 inch 1.6 GHz Octa-core 2 Megapixel 2560x1600 pixels. 3GB. Android 6.0 16GB. 8-megapixel	Lenovo Yoga Tab 3 Plus 10.1 inch 1.8 GHz Octa-core 5 Megapixel 2560x1600 pixels. 3GB. Android 6.0 32GB. 13-megapixel
Remarks.	<ul style="list-style-type: none"> Below specifications. Camera Pixel is less than our define value. 	As per specifications.

Conclusion.	<ul style="list-style-type: none"> Below specifications. Laptop and Tablet are in below specifications hence disqualified in this entire section. 	All equipments as per the specifications of RFP, hence Qualified.
--------------------	---	--


(FAIEZ RAZA KAZMI)
 Hardware Technician.
 (I.T Department CPO)


(KASHAN AHMED)
 Hardware Technician.
 (I.T Department CPO)


(UZAIR AHMED)
 Representative of CPLC,
 Karachi.


(ASIM SHAIKH)
 Representative of CPLC,
 Karachi.


(SUMAIR MURAD SHAH)
 V.C Engineer, IS&T Dept.
 Govt. of Sindh


(TABASUM ABBASI)
 Director, I.T
 CPO Sindh Karachi.