# NAME OF WORK: JUSTIFICATION OF PRICES / PROCUREMENT OF SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTENANCE (DURING MAINTENANCE PERIOD OF SHEARWAVE ELASTOGRAPHY MACHINE

- The Tenders for undermentioned items of above subject work were opened on 11-02-2015 and price quoted by single qualified bidders is shown against the item. It is to be signed at all members of Procurement Committee as per requirement of SPPRA.
- Following prices have been quoted for the under-mentioned item by the single qualified bidder:-

Tender Item No. 1	Shearwave Elastography Machine	Rs. 23,814,000/- each on CIF basis	M/S Allmed Solutions
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The above quoted prices are as per market rates.

Dabeer Ahmed
Dadditional Secretary han
(Development), Weath Department

arryad Latter Dr. Amjad Sattar

Assoc. Professor of Radiology, Dow University of Health Sciences, Karachi Professor & Chairman Professor & Chairman Professor of Radiology Department Jamehoro.

Head of Department of Radiology,
Liaquat University Hospital
Hyderabad

Dr. Syed Muhammad Zahid Azam
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Associate Professor

Medicine & Gastroenterology/Hepstologialfid Azam

Assoc. Professor of G.I and Hepatology, Institute of Liver in GI Diseases, Dow University of Health Sciences, Karachi

Dr. Amjad Sattar
MBBS, MCPS, FCPS, Fellow VIR.
Associate Professor Radiology
Associate Professor

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Prof. Dr. Bikha Ram Devrajani Development Wing, Health

MBBS (Sindh) FCP3 (Pak) PACP (USA) FRCP (London) Pepartment Government of Sindh

CONSULTANT PHYSICIAN PROFESSOR MEDICINE Liaquat University of Medical & Health Science Rehalts hero.

Mrs. Shaista Jabeen
Additional Director (P.H),
Development Wing, Health
repartment Government of Sindh

Additional Director (PH)
Health Department
Government of Sindh
Karachi

Professor of Medicine (Gastroenterologist), Liaquat University Hospital, Hyderabad



#### HEALTH DEPARTMENT GOVERNMENT OF SINDH

ADVANCE ACCEPTANCE No. HD(P&E) 6 (137) / 2013

Dated:/ 06-05-2014

M/s Allmed Solutions A/21, K.D.A. Scheme No. 1, (Ext) Stadium Road, Karachi.

SUBJECT:

REAL TIME SHEARWAVE ELASTOGRAPHY MACHINE FOR QUANTITATIVE ASSESSMENT OF LIVER FIBROSIS EVALUATION / MULTIWAVE SHEARWAVE BREAST ELASTOGRAPHY AT CIVIL HOSPITAL KARACHI, JINNAH POSTGRADUATE MEDICAL CENTRE, KARACHI, SINDH GOVT, LYARI GENERAL HOSPITAL, KARACHI, SINDH GOVT, QATAR HOSPITAL, ORANGI KARACHI, SINDH GOVT, HOSPITAL, LIAQUATABAD, KARACHI, SINDH GOVT, HOSPITAL, KORANGI-05, LIAQUAT MEDICAL COLLEGE HOSPITAL HYDERABAD, PEOPLES MEDICAL COLLEGE HOSPITAL BENAZIRABAD, GHULAM MOHAMMAD MAHAR MEDICAL COLLEGE HOSPITAL SUKKUR AND CHANDKA MEDICAL COLLEGE HOSPITAL LARKANA, CIVIL HOSPITAL, KHAIRPUR MIRS AND SHAHDADPUR INSTITUTE OF MEDICAL SCIENCES.

Dear Sir.

Reference Your Offer / Quotation No. 1049816 Dated 22-04-2014.

As per recommendation of Purchase Committee and with the approval of competent authority, it is to inform you that your above mentioned offer against the subject quotation enquiry is hereby accepted as per detailed given below:-

Item#	tem# Name of Item		Quot	ed Rate	Qty.	Total Cost.
1	REAL TIME SHEARWAVE ELASTOGRAPHY MACHINE FOR QUANTITATIVE ASSESSMENT OF LIVER FIBROSIS EVALUATION / MULTIWAVE SHEARWAVEBREAST	M/s. Allmed Solutions	Cost of equipment from abroad C&F	€182.300.00	12	€21,87,600
	ELASTOGRAPHY			Total	EURO	€21,87,600
				Total	Rupees	Rs.29,91,54,300

DATE OF DELIVERY / COMPLETION : Six (06) Weeks or earlier.

Each Unit 654 Rs = 24929525

The above acceptance is subject to 5% Performance Security Deposit, which may please be furnished in the shape of Bank Guarantee / Pay Order / Bank Draft and the signing of contract agreement which may please be signed within 07 days of the receipt of the acceptance. Failing which the contract is concluded at your risk and expenses without any notice. Formal work order will be issued after fulfillment of above codal formalities.

Copy forwarded to:-

Accountant General of Sindh,

Treasury Officer, Karachi

3. P.S. to Minister Health, Government of Sindh,

P.S. to Principal Secretary, Governor Sindh,
 P.S. to Additional Chief Secretary, P&D Department, Government of Sindh,

6. P.S. to Secretary, Finance Department, Government of Sindh,

7. P.S. to Secretary, Health Department, Government of Sindh

Research Officer (Dev)

Research Officer (Dev)

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6. P.S. to
7. P.S. to



NO: HD(P&E)6(137)/2014 DATED: 22/

SUBJECT: TENDERS FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING

MAINTENANCE MAINTENANCE (DURING

SHEARWAVE ELASTOGRAPHY MACHINE

The Director (Administration & Finance),

Sindh Public Procurement Regulatory Authority, Government of Sindh,

Karachi

SUBJECT: TENDERS FOR SUPPLY, INSTALLATION, TESTING, COMMISSIONING

MAINTENANCE (DURING MAINTENANCE PERIOD)

SHEARWAVE ELASTOGRPHY MACHINE

SPPRA S.NO. 22416 REF:

The tender for the above subjectted matter was called through press.

Technical & Financial Proposals were opened.

All documents are enclosed alongwith scanned copy (CD).

You are requested to place this on website of SPPRA as per rules so that further action

is taken.

Prof. Dr. Birria Ram Devrajani
MBBS (Sindh) FCPS (Rak) FACP (USA) FRCP (London)
CONSULTANT PHYSICIAN
PROFESSOR MEDICINE
Llaquat University of Medical &
Health Sciences, Jamshoro.

Prof. Bekha Ram Chairman Purchase Committee

BID EVALUATION REPORT

Health Department - Government of Sindh ame of Procuring Agency

HD(P&E)6(137)/2014 Tender Reference No. 2.

Supply, Installation, Testing, Commissioning & Maintenance (during 3. Tender Description / Name of Work

maintenance period) of Shearwave Elastography Machine

Single Stage - Two Envelope 4. Method of Procurement 5.

Dawn - Express - SPPRA Website Tender Published

Total Bid documents Sold 6. 04 Total Bids Received

11-02-2015 Technical Bid Opening date 8.

(if applicable) No. of Bid technically qualified

One (if applicable)

Bid(s) Rejected Three 10. 19-03-2015 Financial Bid Opening date 11.

**Rid Evaluation Report:** 

S. No.	Name of Firm or Bidder	Cost offered by the Bidder	Ranking in terms of cost	Comparison with Estimated cost	Reasons for acceptances	Remarks
(0)	(1)	(2)	(3)	(4)	(5)	(6)
1.	M/S Allmed Solutions	Rs. 23,814,000.00 each on CIF basis and Rs.25,600,000.00 each on FOR basis.	Single qualified bidder	Within cost of PC-I.	Single qualified bidder	Recommended by the Committee to award the work to M/S Allmed Solutions at a cost of Rs.23,814,000.00 each on CIF Basis.

Reasons of acceptance/rejection have been recorded in "MINUTES"

Dabeer Ahmed

(Development) Health Department

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Dr. Amjad Sattar Dr. Amjad Sattar
Assoc. Professor of Radiology, DMRS MCPS FOR Redictory
Iniversity of Health Sciences, Karrell Management of Health Sciences University of Health Sciences, Karaghalantessy of Health Sciences

Prof. Dr. Ghulam Gedir Bull Professors of Radiology
Department Institute of Professors LUMHS, Jamshoro.

Prof. Ghulam Oadir

Head of Department of Radiology, Liaquat University Hospital

Hyderabad

Dr. Syed Muhammad Zahid Azam

MESS, FOR FRANCE POPE (THAT WACCO (THE MUSS, COloral Research) Associate Professor Medicine & Gastroenterology/Hepatology

Dr. Zahid Azam

Assoc. Professor of G.I and Hepatology, Institute of Liver in GI Diseases, Dow University of Health Sciences, Karachi

Mr. Bagar Razanarama

Representative of Finance Government Government

Prof. Dr. Bikha Ram Devrajani

#BBS (Sindh) FCPS (Pak) FACP (USA) FRCP (London)

CONSULTANT PHYSICIAN
PROFESSOR MEDICINE
Liaquat University of Medical &
Health Screenset of Sindh

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Health Screenset of Sindh

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Additional Director (P.H).

Development Wing, Health

Mrs. Shaista Jabeen

Professor of Medicine (Gastroenterologist), Liaquat University Hospital, Hyderabad

# MINUTES OF THE PROCUREMENT COMMITTEE FOR SCHEME NAMELY SHEARWAVE ELASTOGRAPHY MACHINE FOR QUANTITATIVE ASSEMENT OF LIVER FIBROSIS EVALUATION / MULTIWAVE 3D SHEARWAVE BREAST ELASTOGRAPHY OUT OF BLOCK ALLOCATION FOR GOVERNOR'S DIRECTIVE

Meeting of the Procurement Committee was held on 11-02-2015 at 12:00 noon at Block 94, Health Department, Sindh Secretariat 4-B. Prof. Bheka Ram chaired the meeting. The financial bids were opened on 19-03-2015 at 12:00 noon after finalization of technical bids by the Procurement Committee & Technical Committee for procurement of Shearwave Elastography Machine under Tender for Supplying, Installation, Commissioning and Maintenance (During Maintenance Period) for financial year 2014-2015. The technical bids of tender enquiry number HD(P&E)6(137)/2014 were opened on 11-02-2015 and subsequently approved by the Procurement Committee for procurement of the required item.

The following members attended the meeting:

01	Professor of Medicine (Gastroenterologist), Liaquat University Hospital, Hyderabad	Chairman
02	Additional Secretary (Development), Health Department Government of Sindh	Member
03	Prof. Ghulam Qadir, Head of Department of Radiology, Liaquat University Hospital Hyderabad	Member
04	Dr. Amjad Sattar, Associate Professor of Radiology, Dow University of Health Sciences, Karachi	Member
05	Dr. Zahid Azam, Associate Professor of Gastroenterologist and Hepatology, Institute of Liver in GI Diseases, Dow University of Health Sciences, Karachi	Member
06	Mr. Baqar Raza, Representative of Finance Department, Government of Sindh	
07	Additional Director (P.H), Development Wing, Health Department Government of Sindh	Member

Initiating the discussions, Evaluated Technical Data Sheets presented for perusal of the Procurement Committee and subsequently the Financial Bids were opened as under;

Tender Enquiry No: HD(P&E)6(137)/2014

Item No. : 1

Name of Item : Shearwave Elastography Machine

Quantity Required : 08 Units

Estimated Price : Rs. 25,000,000.00 each

Name of Firms	M/S Allmed Solutions	M/S Ontech Corporation	M/S Neucon (Pvt.) Ltd.	M/S Karachi Medical Company
Make	Supper Sonic Imagine France	Not mentioned	Alpinion Medical System	Emperor Medical China
Model	AXPLORER V9	TH-5500	ECUBE 15	EMP-3000

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Section Officer (Special Programme)
Finance Department
Government of Sindh

The Fers of M/S Ontech Corporation, M/S Neucon (Pvt.) Ltd. and M/S Karachi Medical Company were not \* considered by the Procurement Committee as the offered models were not according to the required specifications as per tender requisite.

The offer of M/S Allmed Solutions meets all the required specification as per tender requisite. As approved by the Procurement Committee, the financial offers of said firms were opened.

M/S Allmed Solutions offered the rates for Euro 216,000.00 each equivalent to Pak. Rs: 23,814,000.00 each on CIF basis while Rs. 25,600,000.00 each on FOR basis.

The procurement Committee approved and accepted the offer of M/S Allmed Solutions at the rate of Prof: Dr Ghulam Ordir Buled Rs.23,814,000.00 each on CIF basis. Department James Long

Dabeer Ahmed Additional Sucretary (Developmont) Health Department Gerverement of Sindh of Singh

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Dr. Amjad Sattar Assoc. Professor of Radiology, Dow

University of Health Sciences, Karachi

Dr. Amjad Sattar MBBS, MCPS, FCPS, Fellow VIR Associate Professor Radiology ASSOCIATION TO THE SCIENCES

Representative of Finance Laparenent, Government of Sindh

Prof. Dr. Bikha Ram Devrajant Department Sox comment of Sindh MBBS (Sindh) FCPS (Pak) FACP (USA) FRCP (London) PROFESSOR MEDICINE

Healtprof: Bekha Ram

Professor of Medicine (Gastroenterologist), Liaquat University Hospital, Hyderabad

Prof. Ghulam Qadir Head of Department of Radiology, Liaquat University Hospital

Hyderabad

Dr. Syed Muhammad Zahid Azam MEES, FOTS (Coping), FOTS (Inity), MACCO (ISSN), M.St. (Claims Research) Associate Professor Medicine & Gastroenterology/Hepatology

Dr. Zahid Azam

Assoc. Professor of G.I and Hepatology, Institute of Liver in GI Diseases, Dow University of Health Sciences, Karachi

Mrs. Shaista Jabeen

Additional Director (P.H), Development Wing, Health

Additional Director (PH) Health Department Government of Sindh Karachi

## HEALTH DEPARTMENT, GOVT. OF SINDH

Tender For Supply and Installation of Ultrafast ShearWave Elastography Machine for Quantitative and Qualitative Assessment of Liver Shearwave Fibrosis Evaluation/Multiwave Breast Elastography

#### TENDER ENQUIRY NO. HD ( P&E) 6 (137)/2014 OPENED ON FEBRUARY 11TH, 2015

#### **TECHNICAL EVALUATION**

5/N	Tender Specification	M/s. ALLMED SOLUTIONS	M/s. NEUCON PVT. LTD.	M/s. ONTECH COORPORATION	M/s. KMC
Α	Make	SuperSonic Imagine- France	ALPINION - KOREA	NOT MENTIONED	EMPROR MEDICAL CHINA
_	W.12	ADDPLORER V9	ECUBE 15	TH-5500	EMP-3000
8	Model	YES	No.	No	YES
C	Sole Agency	Photocopy	Photocopy	Photocopy	Photocopy
D	Original Broachers	I inchessory	T. Control of the Con		
1_	Clinical Applications Of UFSWE	YES	NO NO	NO	NO:
	Dver .	YES	NO.	NO	NO
	Breast (2D & 3D)	YES	NO NO		NO.
	Renal	YES	NO NO		NO
	Pelvic	YES	NO NO		NO
	Thyroid	YES	NO NO		NO.
	Genitourinary		NO		
	Prostate	YES	NO.		
	Scrotum	YES			and the same of th
	Musculoskeletal	YES	NO.	1000	
	Vascular	YES	NO:	:NO	NO
2	Imaging Modes		1000	T Gree	- wee
	8-Mode	YES	YES		
	Color Dappler :	YES	YES		
	Color Flow	YES .	YES	The state of the s	
	Power Doppler	AEZ	YES		
	Directional Power Doppler	YES:	YES	The second secon	
	TCO With Ultrafast doppler Capibility	YES	NOT MENTIONED	NOT MENTIONED	The second second second second second second second
	Contrast (CEUS)	YES	YES	YES	
	Real Time Shearwave Elastography Dedicated Probes	YES	NO	NO	
	3D 8-mode & 3D UF5WE	YES	NO	NO.	NO
	Integrated Thy-RADS	YES	NO.	NO	NO
	Integrated BI-RADS	YES	NO.	NO.	NO NO
3	Imaging Features			m	
	Ultrafast imaging atleast 200 or more times faster than conventional scanning allowing real time	YES	NO	NO	NO
	shearwave imaging , 20,000 or more frame per second	YES	NO	NO.	NO.
	Panaromic Imaging	YES	YES	100000000000000000000000000000000000000	-
	Simultaneous Doppler		NO		
	Tissue Harmonic Imaging	YES	NO		
	Compound Imaging	YES	-	-	1100000
	SuperRes	YES	NO		
	Tissue Tuner	YES	NO		
	Pulse Wave Velocity Tool	YES	NO	- Control of Control	
	Frame Rate in UFSWE mode must be higher than 1Hz	YES	NO	NO	NO
	Speed of Sound Correction with 5 # settings	YES	NO	NO	NO
	from 1420m/s up to 1640m/s	YES	NO	NO	NO
	Processing Channels more than 60,000 for improving the	YES .	,NO	NO	NO
	resolution	YES	NO.	NO.	CHINA EMP-3000 YES Photocopy  NO
	Beamformer should be software base	YES	NO NO	NO	NO
	Dynamic Range up to 200 dB	YES	NO.	NO	NO
4	Workflow				
-	Auto Time-Gain Compensation Control	YES	YES	YES	YES
	Retrospective & Prospective Capture	YES	YES	YES	YES
	Retraspective & Prospective Capture Gine Loop Trim Capability	YES	Y15	YES	YES
	Q-Box Elasticity Quantification Tools	YES	NO NO	NO	NO.
	At their O for Occasification Tools	YES	NO	NO	NO.
	Multiple Q-Box Quantification Tool	YES	YES	-	YES
	2D & 3D Volume Measurement Tools	YES	NO.		NO
	Integrated BI-RADS (Scoring)	YES	NO NO		
	Thy - RADS Scoring	YES	YES		_
	on-cart study review in 3D study	YES	YES		_
	Continue Exam (Append)	YES	YES	100000	
_	Configurable Report Builder DICOM : modality , worklist , modality perform	11.3	11.3	1.0	
	procedure step , store , print , query & retrive , export system backup & restore high definition digital video output (DVI)	YES	YES	YES	YES

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5	Flat Pannel Display		-		
	19" or more LCD flat panel display			0.00	
	Monitor resolution 1920 x 1080 or more high				
	definition DVI-D				
	integrated Touch Screen at least 10" or more		10		
	Low-glare hard coating; flicker-free to reduce eye-strain				
	ultra-wide viewing angle : ± 178" or more				
	Pixel - sharp high resolution : 1680 x 1050 or more	444	N/D	NO	NO
	display colors 16.77 million colors or more	YES	NO	NO.	340
	monitor is mounted on a fully articulated arm				
	Tilt , pitch & height adjustable				
	Overall height adjustment				
	Arm & monitor fold down to reduce overall			50111	
	height transport				
	The state of the s				
	Cold Boot-up time <60 Second				
6	Tranducers (all Tranducers should have UFSWE capability)				
	Tranducers if have "Pinless connectors with				
	UFSWE to avoid any damage will be preferred .				
	System capable to add single Crystal Tranducer	W-11/2	1250	2000	
	Adult curvilinear probe for abdominal imaging up to	YES	NO	NO.	NO
	6Mhz or better		NINCO.		
	THE PROPERTY OF THE PROPERTY O				
	Linear array 4-15 Mhz				
	3-12 Micro-Convex for peadiatric Application				
7	Shear Wave Elastography Imaging (UFSWE)				
	Shear Wave Color box overlay on b-mode image	YES	NO	NO	NO
	system should be capable up to 20 Mhz	YES	NO	NO	NO
	All b-mode controls are available in UFSWE mode	YES	NO	NO	NO
		YES	NO	NO	NO
	Supercompound B-mode Image enhancement			NO	NO
	available in UF UFSWE	YES	NO		
	Ultrafast Data Acquisition Technology for UFSWE	YES NO	NO	NO	NO:
	UFSWE data frame rate : 20 kHZ	YES:	NO	NO	NO
	TARREST TO THE PROPERTY OF THE	YES	NO.	NO	NO
	UFSWE Quantification :	YES	NO	NO	NO
	Q-box pixel accurate elasticity quantification		NO	NO	NO
	Range Of elasticity: 0-300 kPa typical, 0-800 kPa in	YES			- Alteria
	Musculoskeletal preset	YES	NO:	NO NO	NO.
	optimized default elasticity scale	YES	NO	NO	NO
	Q-box precision: +/- 15% of displayed value	YES	NO	NO	NO:
		YES	NO	NO	NO
	Elasticity scale 0-800kpa (0-16,3m/s) in Musculoskeletal		NO	NO	NO
	application	YES			NO
	UFSWE Quantification Tools : Single measurement.	YES	NO	NO	
	radio free hand trace	YES	NO	NO	NO:
	Multiple measurement for averaging and median calculation	YES	NO:	NO	NO.
	TERMS AND CONDITIONS				
	<ul> <li>Firm must have atleast one installation of quoted equipment</li> </ul>	NEE.	NO	NO	NO
	with real time Shearwave Technology	YES	1967	1100	1,700
	in public hospital.				
	The clinical benefit of Real Time Shearwave Elastography				
	must be demonstrated by at least 03	41000	MO	N/O	NO
	must be demonstrated by across to	YES	NO	NO	140
	artciles published in peer reviewed recognized / index				
	clinical journals of Radiology and hepatology				
	The firm must produce satisfactory letters from				
	current users stated the benefits of Real time / can be				
	called to specify	VEC	AIC.	NO	NO
	THE PROPERTY OF THE PROPERTY O	YES	NO:	110	100
	Shearwave elastography				
	System and UFSWE must be FDA and CE approved				
200					
8	Warranty				
	Three years warranty with parts alongwith upgradation	MEET	vec	YES	YES
	of software	YES	YES	11.3	163
9	Clinical Training				
	Master training 04 doctors (Master Trainer Abroad)	Ange	2000	240-23	2004
	Application Training will be conducted locally	YE5	YES	YES	YES
	TO THE RESIDENCE OF THE PARTY O	200	2.30	1000	
-17	with application specialist				
10	Availability Of Parts				Vesti
	Parts must be available for 10 (Ten) Years from	YES	YES	YES	YES
	date of installation	ALC: NO			

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Section Officer (Special Programme)

SUPPLY, INSTALLATION, TESTING, COMMISSIONING AND MAINTENANCE (DURING MAINTENANCE PERIOD) OF SHEARWAVE ELASTOGRAPHY MACHINE FOR THE PROJECT "SHAHEED MOHTARMA BENAZAIR BHUTTO ACCIDENT, EMERGENCY AND TRAUMA CENTRE AND ANCILLARY SERVICES COMPLEX AT CIVIL HOSPITAL KARACHI

TENDER NO. HD(P&E)6(137)/2014

DATE OF OPENING: 13-09-2015 (FINANCIAL PROPOSALS)

Item No. Name of Item

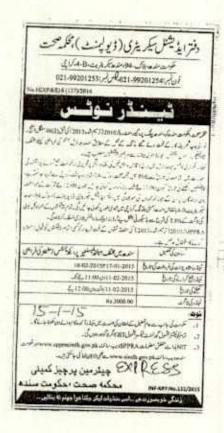
Shearwave Elastography Machine 08 Units

			Onoted	Quoted Amount		
No.	S.No. Name of Qualified Firm	CIF	Price	DDP	DP Price	Earnest Money
		Unit Price	Total Price	Unit Price	Total Price	
72	M/S Allmed Solutions	Euro 216,000.00	Euro 1,728,000.00	Rs. 25,600,000.00	Rs. 204,800,000.00	P.O. No. 03422057 dated 09-02-2015 Standard Chartered Bank (Pakistan) Ltd. Time Medico Branch, Karachi amounting to

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Section Officer (Special Programme)
Section Officer (Special Programme)
Section Officer Department
Section officer Department
Government of Sindh



### Sindh Public Procurement Regulatory Authority Government of Sindh

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