



# **Tender Documents – T50/2023**

Supply of Office Appliances for Regional Office & Stations



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#### **TENDER NOTICE**

## Published in Daily Dawn, Jang & Kawish on 8th February, 2023





سند هایمگر مالا ایر جنسی ایند نیمانته سروسز (SIEHS)، ایک فیر منافع بخش ادار و چوکنی ایک 2017 کی دفعہ 42 سیخت قانون شدہ ہے جوسو به سند، هوا م الناس کو ایبولیڈی، بیلته کیئر ادر نیلی سیلته مرد سرمیا کر رہا ہے۔ درن ذیل شیند رشتہ بر سیح جاتے ہیں ادر متعلقہ معلومات اور گائیڈ لائنز ہرا کیے متعلقہ شیند روستا و یزات میں کینی 1 میند ر نبر 2003-49 رتبخل دفتر اور اسمیشنز کیلئے آفس قر نیچر کی قراب ہی 2 میند ر نبر 2003-59 رتبخل دفتر اور اسمیشنز کیلئے آفس قر نیچر کی قراب ہی 4 میند ر نبر 2003-59 رتبخل دفتر اور اسمیشنز کیلئے افس قر نیچر کی قراب ہی 4 میند ر نبر 2023-59 رتبخل دفتر اور اسمیشنز کیلئے دفتر میں آلات کی قراب ہی 5 میند ر نبر 2023-59 رتبخل مند اور ریجنل دفتر میں (Refurbishment) تجدید کار کا کا م 6 میند ر نبر 2023-59 رتبخ می طریب کیلئے ر فیز میں ا

# مسيلاتى حسيين د پارشنث

سند دهانگیگریٹڈ ایمرجنسی اینڈ ہیلیتہ سروسز پلاٹے نمبر 43-15/K، بلاک6، پی۔ای۔سی۔ایچ ۔ایس کرارچی، پاکستان UAN: +92-21-111-111-823 Ext: 2006/2022 www.siehs.org

. ايند هيلٿ سروسز SINDH در نوا سند انٽيگريٽڊ ايمرجنسي اينڊ هيلٽ سروسز (SIEHS). هڪ غير نفعي بخش اداروجيڪو ڪمپني ايڪٽ 2017 جي دفعہ 42 جي تحت قانوني حيثيت رکي ٿو. جيڪو سنڌ صوبي جي عوام الناس کي ايمبوليٽري هيلٿ ڪيئر ۽ ٽيلي هيلٽ سروسز مهيا ڪري رهيو آهي. هيٺ ڄاڻايل ٽينڊر شايع ڪجن ٿا ۽ لاڳاپيل معلومات ۽ گائيڊ لائنز هر هڪ لاڳاپيل ٽينڊر دستاريز ۾ ڪمپني ويب سائٽ تي دستياب آهن. /http://siehs.org/tender-documents 1- تيندر نمبر 2023-49 ريجنل آفيس ۽ اسٽيشنز لاءِ آفيس فرنيچر جي فراهمي 2- ٽينڊر نمبر 2023-50 ريجنل آفيس ۽ اسٽيشنز لاءِ آفيس جي اوزارن جي فراهر 3- ٽينڊر نمبر 2023-51 مختلف اسٽيشنز ۽ ريجنل آفيس ۾ (Refurbishment) تجديدڪاري جو ڪر 4- ٽينڊر نمبر 2023-52 بائيو ميڊيڪل متعلق شين جي فراهمي 5- ٽينڊر نمبر 2023-53 ٽيلي طبيب لاءِ ريڊيو مهر جون خدمتون 6- ٽينڊر نمبر 2023-54 تربيتي سرگرمين لاءِ کاڌي جي فراهمي سپلائى چين ڊپارٽمينٽ سنذانتي گريند ايمرجنسي ايند هيلت سروسز يلاٽ نمبر 43-15/K، بلاڪ 6، پي-اِي-سي-ايڇ-ايس- ڪراچي پاڪستان UAN: +92-21-111-111-823 Ext: 2006/2022 www.siehs.org

#### **COMPANY INTRODUCTION**

SINDH

Sindh Integrated Emergency and Health Services (SIEHS), is a section 42 not-for-profit company formed in collaboration with the Government of Sindh. This service is a realization of Government of Sindh's commitment to strengthen the primary healthcare structure in Sindh through a public-private arrangement ensuring delivery of timely, effective, patient-focused ambulance and holistic healthcare services, free-of-cost.

SIEHS under its ambit operates and manages Pakistan's first and only ISO 9001:2015 certified ambulance service called Sindh Rescue and Medical Service (SRMS). SRMS operates according to international protocols, and is equipped with advanced medical equipment, life-saving drugs and qualified paramedics and nurses, providing immediate pre-hospital emergency care to those suffering with acute health trauma. The quality emergency services are available to all those who need it, across the social spectrum.

Our Tele Tabeeb and Tele Medicine platform is designed to support health care solutions and capacity building across the general health continuum, free-of-charge. With 24/7 access to doctors, clinical psychologists and healthcare experts, supported by updated algorithms for common diseases and on-going pandemic, we ensure that people in need receive timely diagnostic and counselling services, anytime. Our state-of-the-art call center allows callers to access coordinated advice and counselling services from across Pakistan, by dialing "1123".

SIEHS believes, if employees are satisfied and have the right tools to do their job, they will be more motivated and therefore do their job better. That means they will be more productive. It's definitely a win-win situation for both SIEHS itself as for the employees

SIEHS ensures that all facilities are equipped with the necessary equipment so operational activities rendered as per defined standard. As we are expanding our services across the province of Sindh so SIEHS invites sealed bids on **Single Stage One Envelope Procedure** for office equipment required for our Regional office and Stations.

Office Equipment means electronic products including, but not limited to, desktop computers, laptop, printers, scanners, copiers, and telephones but with respect to the changes in this era office need to equipped with Modern Office equipment simply refers to those tools used in carrying out office work which without would have been cumbersome and indeed unattainable.

Small overview of some of our existing facilities across the province of Sindh.



## SINDH INTEGRATED EMERGENCY AND HEALTH SERVICES OFFICES





#### SINDH INTEGRATED EMERGENCY AND HEALTH SERVICES STATIONS WITHIN KARACHI







#### SINDH INTEGRATED EMERGENCY AND HEALTH SERVICES STATIONS OTHER THAN KARACHI



## **`INVITATION TO BID**

Sindh Integrated Emergency and Health Services (SIEHS), invites sealed bids on <u>Single Stage</u> <u>One Envelope Procedure</u> for office equipment for its regional office and stations. For this well reputed companies registered with federal / provincial tax authorities invites the sealed bids for



office equipment from registered supplier/contractor available on List of Active Tax Payers" of FBR (for Income Tax) & SRB (For Sales Tax) websites.

Tender fee	Rs. 3,000/- (Rupees three thousand rupees only) Non-Refundable
Bidding procedure	Single Stage – One Envelope Procedure
Bid security	2% of the total bid value.
Deadline for submission of bids	24 <sup>th</sup> February, 2023 at 9:30 am
Bid opening date and time	24 <sup>th</sup> February, 2023 at 10:00 am

- Bidding documents are available on the websites of Sindh Integrated Emergency and Health Services (SIEHS), (<u>http://siehs.org/tender-documents/</u>) and bidder is required to enclose Pay Order / Demand Draft for the tender fee (Rs. 3,000/-) with their bid, which must be issued by a scheduled bank within the tender purchasing dates.
- 2. SIEHS may issue the clarifications or amendments in respect of the bidding documents which will be uploaded on the website, SIEHS will not be responsible of any confusion or misunderstanding in this regard.
- 3. In case of any unforeseen situation or government holiday resulting in closure of office on the date of opening, bids shall be submitted / opened on next working day at the given time and venue.
- 4. SIEHS reserves the right to reject any or all the bids subject to the relevant provisions of SPP Rules 2010 (Amended 2022). In case of any discrepancy, the SPPRA rules will take precedence.
- 5. SIEHS reserves the right to reduce quantity of item or cancel the item.
- 6. Coordinates of locations are as follows;
- ✓ N. Nazimabad 24.994088, 67.064711
- ✓ Gulistan-e-Johar 24.927081, 67.117044
- ✓ PECHS 24.862472, 67.07570
- ✓ Korangi 24.820777, 67.121785
- ✓ Bin Qasim 24.859587, 67.266672
- ✓ Hyderabad 25.412093, 68.394533
- ✓ Larkana 27.554185, 68.207947
- ✓ Thatta 24.747815, 67.893478
- ✓ Mirpur Bathoro 24.724489, 68.260130
- ✓ Sajwal 24.607703, 68.081353
- ✓ Mirpur Sakro 24.555329, 67.627651



#### **SCOPE OF WORK**

SIEHS ensures that all facilities are equipped with the necessary equipment so operational activities rendered as per defined standard. As we are expanding our services across the province of Sindh so SIEHS invites sealed bids on **Single Stage One Envelope Procedure** for office equipment required for our Regional office and Stations.

For this we need potential suppliers/bidders to participate in this tender. The detail of required scope

of work incorporated in below table. Regional office will be referred as RO.

S.	ITEM			QUANTITY			
NO.	DESCRIPTION	SPECIFICATION	UOM	RO	STATION	НО	TOTAL
1	Generator 80/100 KVA Prime Rating	<ul> <li>4-cylinder engine (diesel)</li> <li>Water cooled</li> <li>1800 – 2000 rpm</li> <li>220 – 240 voltage</li> <li>Sound proof canopy</li> <li>Three phase</li> <li>Voltmeter, ammeter, hour meter</li> <li>Safety device in the engineer for high water temperature, low oil pressure, low fuel level, battery charging error</li> <li>Perkins / Cummins / or equivalent</li> <li>Technical Details mentioned in Annexure "C"</li> </ul>	Nos.	1	0	0	1
2	Generator 30 KVA Prime Rating	<ul> <li>4-cylinder engine (diesel)</li> <li>Water cooled</li> <li>1500 – 1800 rpm</li> <li>220 – 240 voltage</li> <li>Sound proof canopy</li> <li>Three phase</li> <li>Voltmeter, ammeter, hour meter</li> <li>Safety device in the engineer for high water temperature, low oil pressure, low fuel level, battery charging error</li> <li>Fuel tank 90 ltr with leak protection</li> <li>Perkins / Cummins / or equivalent</li> <li>Technical Details mentioned in Annexure "A"</li> </ul>	Nos	0	0	1	1

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SERVICES Appliances		Supply of liances fo Office & S	or Regional				
3	Generator 5 KVA	<ul> <li>Standard Gasoline Engine</li> <li>Air Cooled</li> <li>220 – 240 Voltage</li> <li>Standard Fuel Tank</li> <li>Capacity = 05 KVA</li> <li>Type = Three Phase</li> <li>Rated voltage (v) = 220V /440V Frequency (HZ) = 50 Hz</li> <li>Power factor = 0.8</li> <li>Fuel type = Diesel/Petrol</li> <li>Trolley Mounted.</li> <li>Origin of OEM = European / Japan OR Equivalent</li> </ul>	Nos	0	10	0	10
4	Generator 50 KVA Prime Rating	<ul> <li>4-cylinder engine (diesel)</li> <li>Water cooled</li> <li>1500 – 1800 rpm</li> <li>220 – 240 voltage</li> <li>Sound proof canopy</li> <li>Three phase</li> <li>Voltmeter, ammeter, hour meter</li> <li>Safety device in the engineer for high water temperature, low oil pressure, low fuel level, battery charging error</li> <li>Perkins / Cummins / or equivalent</li> <li>Technical Details mentioned in Annexure "B"</li> </ul>	Nos	0	0	1	1
4	Generator fuel tank 500Ltr	<ul> <li>500 Ltr Capacity</li> <li>Above ground</li> <li>Square Shape</li> <li>Steel Material</li> <li>Double Wall Structure</li> <li>ANNEXURE "D"</li> </ul>	Nos	2	0	0	2
5	2 Ton Inverter AC	<ul> <li>Invertor</li> <li>Multi Fan speed</li> <li>Low voltage startup (145 V – 260 V)</li> <li>U Type copper pipes</li> <li>24000 BTU</li> <li>LED Display</li> <li>Long distance Air through</li> <li>75% Energy efficient</li> <li>100% Copper pipe</li> <li>3 to 5 Years Compressor warranty or standard warranty</li> <li>1 year parts warranty</li> <li>Make: Mitsubishi / Panasonic /Daikin / GREE / Haier / Kenwood, Country of Origin:</li> </ul>	Nos	7	0	3	10



		Japan / KSA / USA or					
		equivalent.					
6	1.5 Ton AC Inverter	<ul> <li>Invertor</li> <li>Multi Fan speed</li> <li>Low voltage startup (145 V – 260 V)</li> <li>U Type copper pipes</li> <li>18000 BTU</li> <li>LED Display</li> <li>Long distance Air through</li> <li>75% Energy efficient</li> <li>100% Copper pipe</li> <li>3 to 5 Years Compressor warranty or standard warranty</li> <li>1 year parts warranty</li> <li>Make: Mitsubishi / Panasonic / Daikin</li> <li>/ GREE / Haier / Kenwood, Country of Origin:Japan / KSA / USA or equivalent.</li> </ul>	Nos	28	0	1	29
7	1.0 Ton AC Inverter	<ul> <li>Invertor</li> <li>Multi Fan speed</li> <li>Low voltage startup (145 V – 260 V)</li> <li>U Type copper pipes</li> <li>12000 BTU</li> <li>LED Display</li> <li>Long distance Air through</li> <li>75% Energy efficient</li> <li>100% Copper pipe</li> <li>3 to 5 Years Compressor warranty or standard warranty</li> <li>1 year parts warranty</li> <li>Make: Mitsubishi / Panasonic / Daikin / GREE / Haier / Kenwood, Country of Origin:Japan / KSA / USA or equivalent.</li> </ul>	Nos	0	25	0	25
8	Microwave oven	<ul> <li>20 Ltr Oven</li> <li>1-year Warranty</li> <li>Voltage 220 – 240</li> <li>Pull Handle Function</li> <li>Output 700 – 1000 watt</li> <li>30 Minute Timer</li> <li>Defrost Function</li> </ul>	Nos	2	9	3	14
9	Refrigerator 14 cft	<ul> <li>Top Mount</li> <li>14 Cubic Ft (384 Ltrs)</li> <li>Low voltage startup (145 V – 260 V)</li> <li>LED Light</li> <li>Anti fungal detachable Gas kit</li> <li>Double Door (Freezer/Fridge)</li> </ul>	Nos	2	9	1	12

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	SINDH INFEGRATE EMERGENCY & HEALTH SERVICES	SINDH INTEGRATED EMERGENCY SERVICES TENDER DOCUMENT		IEALTH	Appl	Supply of iances fo Office & S	or Regional
		<ul> <li>5 Years Compressor warranty</li> <li>1 year parts Warranty</li> <li>With trolley stand for refrigerator (Metal with lockable wheel system)</li> </ul>					
10	Water Dispenser	<ul> <li>2 Taps</li> <li>4.9 Ltr</li> <li>Heat and Cool</li> <li>Plastic Body</li> <li>Colour (White / Black / Grey)</li> <li>220 - 240 Voltage</li> <li>1 Year Warranty</li> <li>ANNEXURE "E"</li> </ul>	Nos	4	9	0	13
11	LED TV	<ul> <li>LED TV • 55 Inch, VA, Direct LED,</li> <li>1920 x 1080 pixel</li> <li>Brightness: 250cd/m2</li> <li>Smart TV</li> <li>Android</li> <li>Voice Control</li> <li>Full HD LED</li> <li>2 USB / HDMI PORTs Wifi</li> <li>1 year Official Warranty</li> </ul>	Nos	3	0	0	3
12	Donkey Pump	<ul> <li>1 HP Donkey pump</li> <li>Pump size 1"x1"</li> <li>3000 RPM</li> <li>Copper winding,</li> <li>Max suction:8m</li> <li>Javed or equivalent</li> <li>Full Copper Winding</li> <li>One Year Free replacement warranty</li> </ul>	No	0	9	2	11
13	Water Suction machine	<ul> <li>1 HP 100% copper wiring</li> <li>Motor Power 0.37KW or above</li> <li>AMP 2.7 Max</li> <li>EBS-1</li> <li>Suction Lift 25 Feet</li> <li>Line Suction 150-180 Feet (Upto 220 feet)</li> <li>Max Head 100 feet</li> <li>One Year Warranty</li> </ul>	Nos.	0	9	1	10
14	Mobile Phones	<ul> <li>Type Analog</li> <li>Screen display 1.77 inches</li> <li>Internal storage 4mb</li> <li>Talk time 11 hours</li> <li>Loud speaker</li> <li>Color, Black, Blue</li> </ul>	Nos.	0	70	0	70
15	Exhaust Fans	<ul> <li>10 inch sweep Size</li> <li>Plastic body</li> <li>5 Blades</li> <li>100% Copper Winding</li> </ul>	Nos	21	3	0	24

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		1 year standard warranty					
16	Wall bracket fan size	<ul> <li>Size :14inch</li> <li>Pure Copper Wire</li> <li>Electrical Steel sheet</li> <li>Sweep Size : 350 mm</li> <li>Power : 50 Watt</li> <li>Speed :1350 Rpm</li> <li>Type : Capacitor</li> <li>Frequency: 50Hz</li> <li>Air Delivery :75m3/min</li> <li>Guarantee 3 Years</li> </ul>	Nos	18	0	2	20
17	Ceiling Fan	<ul> <li>56 inch</li> <li>Steel body</li> <li>Copper Winding</li> <li>1 year standard warranty</li> </ul>	Nos	54	15	3	72
18	Fire Extinguisher	<ul> <li>Dry Chemical Powder</li> <li>3 KG</li> </ul>	No	4	18	0	22
19	Fire Extinguisher	<ul><li>Dry Chemical Powder</li><li>6 KG</li></ul>	No	4	18	0	22
20	Tea Kettle	<ul> <li>1.5 Ltr Electric Kettle</li> <li>WestPoint Electric Kettle Concealed Element WF-409</li> <li>Power: 1850-2200 Watts 220-240v~50Hz</li> </ul>	No	2	9	0	11
21	Boiler	<ul><li>19 Ltr Electric</li><li>220-240</li></ul>	No	1	0	0	1
22	Insect Killer	<ul> <li>Wattage: 20W</li> <li>LED light function</li> <li>Compact size ultra slim ABS body</li> <li>Input Voltage: AC 180- 240V/50Hz-60Hz</li> <li>2X1 WATT LED TUBES,</li> <li>1400V HIGH-VOLTAGE GRID.</li> <li>Brand: Sogo or good brand</li> </ul>	No	2	9	0	11
23	Stove Two Burner	<ul> <li>Double Body Structure Steel and Iron</li> <li>Heavy Golden Casted Iron Burners</li> <li>Square Iron Rod Trivets Golden Chrome Coated</li> <li>Italian Technology Injector System</li> </ul>	Nos	1	9	1	11

## **GENERAL TERMS & CONDITIONS OF TENDER**

SIEHS has Right to ACCEPT any Bid and to REJECT any or all, SIEHS reserves the right to accept or reject any Bid, and to annul the bidding process and reject all bids, at any time prior to award of Contract, without thereby incurring any liability to the affected Bidders or any obligation except that the grounds for rejection of all bids shall upon request be communicated to any Bidder who submitted a bid, without justification of grounds. Rejection of all bids shall be notified to all Bidders promptly. At the time of award of the Contract, the Procuring Agency reserves the right to increase



or decrease the quantity of Office Equipment items originally specified in Delivery Schedules, provided this does not exceed the percentages indicated in the Bidding Data, and without any change in the unit prices or other terms and conditions of the Bid and the Bidding Document.

#### **INSPECTIONS OF ORDERED MATERIAL**

SIEHS or its designated representative/s shall have right to inspect the Office Equipment items to confirm their conformity to the Specifications at no extra cost to the SIEHS.

#### TRANSPORTATION

The bidder(s) are required under this tender to deliver/transport the office appliances to specified delivery location and the rates/prices quoted in this tender shall be delivered duty paid (DDP) prices i.e. the supplier/contractor have to include all the costs related to transportation of goods including loading/unloading & stacking etc at SIEHS delivery locations and he shall be responsible in full for all the office appliances until they have been received and accepted by the SIEHS authorized representative. This includes all cost of shipping, duties (if any) & applicable taxes etc., and any other expenses incurred while delivery of goods.

#### DELIVERY

The delivery location plan will be shared to the bidders upon request. However, SIEHS reserve the right to change the location of delivery at any time within the geographical boundaries of proposed areas subject to the requirement of each location.

#### **INSPECTION & TAKING OVER**

There shall be on-spot inspection of office appliances/goods of the concerned shipment by the nominated person of SIEHS in the presence of the representative/s of the selected supplier(s). If any office appliance/goods found defective during inspection shall be separated & shall not be taken into count for verification of payment and such defective items shall either be replaced with new pieces within 3 days. Upon successful completion of concerned shipment (i.e. Delivery & installation of all office appliances/goods of that particular shipment and successful on-spot inspection of placed appliances/goods a subsequently taking-over report named "Office Equipment Supply & Installation" report shall be mutually signed by the selected supplier(s) & SIEHS nominated staff. The said "Office Equipment Supply & Installation" report shall be considered as substantial completion, taking-over & acceptance of the concerned shipment on behalf of SIEHS. The taking over of damaged goods during the transportation shall be withheld until the same have been completely replaced, re-checked & accepted accordingly within above specified time frame.



#### Special conditions:

## a) Cost of stamp duty

0.35% or defined percentage of the contract value as notified by the Government of Sindh, will be paid by successful bidder as stamp duty.

#### b) Penalty deduction formula

In case of any delay in the agreed project completion timeline, the supplier may be charged @ 0.33% per day up to 10% of total value of the contract. SIEHS may in writing terminate the whole or part of this transaction and claim damages with respect to the loss suffered caused by such delay and/or terminate the purchase order without incurring any liability on its part.

## c) <u>Termination of contract:</u>

If the successful bidder(s) does not resolve the problem (if any) for a prolonged period (as mutually agreed) for the services quality remains unsatisfactory despite the notices, SIEHS reserve the right to cancel the contract on immediate basis.

#### d) Payment terms:

SIEHS standard payment terms are 45 days' credit after complete satisfactory delivery, inspection and submission of correct invoice. Advance payments are discouraged. Under requirement of advance payment, successful bidder will be required to submit bank guarantee of same amount (inclusive of tax).

#### **BIDDING PROCEDURE**

Bids should be submitted in accordance with instructions and bidding procedure listed in this tender document. Bids are invited as per Single Stage – One Envelope Procedure in accordance with rule sub rule 2 of rule 46 of the Sindh Public Procurement Rules, 2010 (Amended 2022).

#### **INSTRUCTIONS TO BIDDERS**

- 1. Bidder must read all the contents of invitation for bid / notice inviting tender as well as the tender documents and understand all the requirements.
- 2. Bidder must ensure that the bid form is filled in all respect, without any confusion.
- 3. Bidder shall prepare single envelope for quotation/proposal.
- 4. The requirements provided in this tender document is the minimum requirement of SIEHS. The bidder(s) will meet or exceed the requirement provided they offer competitive prices.
- 5. In case a bidder exceeds the minimum specifications indicated in the bid or provides alternative specifications and addition to the supplies, the bidder should highlight such information in their bid document to enable SIEHS to identify the modified specifications and requirements.
- 6. In case the bidder's additional specifications to the scope of work come at an additional cost beyond the standard package prices, the extra supplies shall be highlighted in the bid document to enable SIEHS to conduct a value-for-money analysis and make a decision.
- 7. If withholding, or other indirect cost calculation are not shown or not mentioned in the bid document, the quoted prices shall be considered as prices inclusive of all cost with all applicable taxes.
- 8. SIEHS shall correct any non-material arithmetic errors in the bid price provided that such corrections do not constitute amendment of quoted unit prices.
- 9. If a bidder does not accept the final price based on SIEHS re-computation and correction of errors, his/her bid may be rejected.

10. Each document/paper submitted by the bidder shall be signed/stamped by the bidder on the face of the document/paper.

# ELIGIBILITY CRITERIA FOR BIDDERS

Bidder which meets the following eligibility criteria / mandatory requirements would be declared responsive for further evaluation as per the evaluation criteria specified in this bidding document. Verifiable documentary proof for all following requirements is a mandatory requirement, noncompliance will lead to disqualification.

- 1. Bidder shall complete all the terms & conditions of this bidding document.
- 2. Bidder able to enclose the documents as per the list of required bidding document.
- 3. Companies must be available on List of Active Tax Payers" of FBR (for Income Tax) and GST / SRB (For Sales Tax) websites.
- 4. Details of turn-over of at least last three years supported by income tax return document or copy of financial audit documents.
- 5. Affidavit on Rs.100 stamp paper that the firm is not blacklisted & involved in any active litigation with GoP or GoS.
- 6. Undertaking to provide access for physical inspection of working area/office at the time of evaluation and during execution of contract.
- 7. Tender Fee of Rs. 3,000 in shape of Pay order should be in favor of Sindh Integrated Emergency and Health Services (NTN# 4979065-0) (GST# 3277876271399)

## LIST OF DOCUMENTS TO BE ENCLOSED

Bidder(s) must ensure that the following documents are enclosed with the proposal.

- 1. Complete bidding documents, duly signed and stamped on its each/every page as acceptance of all terms & conditions of this tender document.
- 2. Complete bidding document, all technical literature & documents required for evaluation, including income tax return, financial audit report, affidavit, vendor information form and any other noncommercial document must be furnished in a proposal. This will be considered as acceptance of all terms & conditions of tender.
- 3. Copy of NTN / Income Tax Registration Certificate, Sales Tax Registration Certificate / On line verification of Active Tax Payer for Sales Tax;
- 4. Minimum three (03) years' income tax return or copy of financial audit reports.
- 5. Copy of CNIC of signatory of the Bid Form;
- 6. Affidavit on Rs.100 stamp paper / e-stamp paper that:
  - a. the bidding company is neither blacklisted nor suspended by any National / International, including Provincial and Federal Government.
  - b. the bidder has submitted the correct and complete information along with the bid/offer. If any document/information is found forged/engineered /fake/bogus at any stage, the bidder may be declared as Blacklisted in accordance with law and the bid security, performance guarantee and payment, if any may be forfeited.
- 7. Valid documentary evidence in support of evaluation and qualification criteria.
- 8. Bid Security of required amount. Bid security of a lesser amount will render the bid as rejected.
- 9. Bid form(s) duly filled in all respect clearly quote the price.



- 10. Once again note that bidder must ensure that the Bid Form is filled in all respect, without any confusion, there should not be any over-writing, double writing, crossed, additional conditions and rates are quoted clearly in digits as well as in words.
- 11. Bidder(s) must understand that all payments / transaction shall be made in Pakistani Rupees (PKR) only.

## CLARIFICATION / QUERIES ON TENDERING DOCUMENTS

Any interested bidder requiring any clarification(s) of the bidding documents may notify to SIEHS in writing via email address provided in the bid data sheet duly referring the title of the tender in email subject. The concerned officer will respond in writing via email to any request for clarification within 03 calendar days, provided they are received at least five calendar days prior to the date of opening of bid. Clarification response (including an explanation of the query but without identifying the source of inquiry) will be posted on SIEHS website tender section).

#### **BID PRICE**

- 1. The price / bid offer quoted should be firm, final and clearly written / typed without any ambiguity.
- 2. The bid price should include all the government taxes, as per prevailing taxation rates of provincial / federal / local governments etc. (e.g., SST/GST, Income Tax, Withholding Tax etc.).
- 3. If there is no mention of taxes or calculation error, the offered/quoted price will be considered as inclusive of all prevailing taxes/duties. The benefit of exemption from or reduction in the Income Tax / SST / GST or other taxes during the contract period shall be passed on to SIEHS.
- 4. The bidder shall deem to have obtained all related information as to the requirements thereto which may affect the bid offer / price if required.

## VALIDITY OF BIDS

Bids shall remain valid for ninety (90) days w.e.f. bid opening date. The bids without or less than Ninety (90) days validity will be rejected.

#### LANGUAGE OF BIDS

The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the SIEHS shall be in English. Supporting documents and printed literature furnished by the bidder may be in another language provided these are accompanied by an accurate translation of the relevant passages in English, in which case for purposes of interpretation of the bid, the translated version shall prevail.

#### **BID SECURITY / EARNEST MONEY**

1. The bid must be accompanied by a bid security in shape of a DD/Pay Order of 2% of the total contract value (inclusive of taxes) in favor of "Sindh Integrated Emergency and Health Services" on account of Earnest Money/Bid Bond (refundable) valid for a period of 28 days



beyond the bid validity date. For unsuccessful parties the earnest money will be refunded within a period one month after the finalization of successful bidder.

- 2. The bid security shall be attached with the Financial Proposal. No interest will be paid on bid / performance security. Photocopy of the bid security shall be attached with the Technical Proposal after hiding the amount.
- 3. Any bid not accompanied by an acceptable bid security or the required amount shall be rejected by the SIEHS as non-responsive.
- 4. The bid security / earnest money of the unsuccessful bidders will be returned upon award of contract to the successful bidder or on expiry of validity of bid security whichever is earlier.
- 5. The bid security of the successful contractor will be returned only when the bidder furnishes the required Performance Security and signed relevant contract agreement. The successful bidder can adjust the bid security towards performance guarantee, in this situation, the successful bidder shall submit the balance amount on account of performance guarantee.

# ACCEPTANCE / REJECTION OF BID

The bid shall be rejected if:

- 1. It is substantially non-responsive in a manner prescribed in this tender document.
- 2. It is against the Pakistani Laws, Rules, Regulations, Policies, Permits, Codes etc.
- 3. Bidder has conflict of interest with the SIEHS.
- 4. Bidder engages in corrupt or fraudulent practices in competing for Contract award.
- 5. Bidder tries to influence the bid evaluation / Contract award.
- 6. Bid submitted in other than prescribed forms, annexes, schedules, charts, drawings, documents / by other than specified mode; or
- 7. Unsigned, incomplete, partial, ambiguous, conditional, alternative, late
- 8. Accompanied by vague and indefinite expression such as "subject to prior confirmation", "subject to immediate acceptance" etc. will be treated as vague offers and rejected accordingly
- 9. Without verifiable proofs against the mandatory as well as general documentary, qualification and eligibility related requirements; or
- 10. Bidder fails to meet all the requirements of Tender Eligibility / Qualification Criteria
- 11. Bids submitted for partial / limited items (unless specified) in the bidding documents, in the format for quoting the rates / schedule of requirements
- 12. Bid submitted with shorter bid validity period (i.e. less than 90 days)
- 13. Bidder fails to meet the minimum evaluation criteria requirements
- 14. Bid not accompanied by the Bid Security (Earnest Money) of required amount and form
- 15. Bidder refuses to accept the corrected Total Bid Amount / Price
- 16. The Bidder has been blacklisted by any public or private sector organization
- 17. Bidder has mentioned any financial implication(s) in the financial proposal that is in contradiction to this document and Government rules and regulations

## FORFEITURE OF BID SECURITY

The bid security / earnest money will be forfeited / confiscated:

1. A bidder requests to withdraw his or its bid after opening but within the bid validity period



- 2. Successful bidder fails to furnish performance security
- 3. Successful bidder fails to sign the contract/agreement
- 4. A bidder does not accept the correction of the quoted amount following the correction of arithmetic errors.
- 5. A bidder has been found black listed by any agency of Federal or Provincial Government.

# CANCELLATION OF BIDDING PROCESS

SIEHS Procurement committee:

- 1. May cancel the bidding process at any time prior to the acceptance of a bid or proposal.
- 2. May cancel any item or reduce the quantities of items.
- 3. Shall incur no liability towards the bidders.
- 4. Shall intimate the cancellation of bidding process immediately and upload a notice on the company website followed by prompt return of bid security.
- 5. Shall, upon request by any of the bidders, communicate to such bidder, grounds for the cancellation of bidding process, but is not required to justify such grounds.

## AMENDMENTS IN BIDDING DOCUMENT

- a. At any time prior to the deadline for submission of bids, SIEHS may, for any reason, whether at its own initiative or in response to a clarification requested by any interested bidder, modify the bidding document by amendment in accordance with the SPP Rules 2010 (Amended 2022).
- b. All interested bidders that have downloaded the bidding documents from SIEHS website need to inform via email at 'procurement@siehs.org' to register their email address so any amendments are notified by SIEHS staff. The amendments will be binding on the bidder. Email sent by the bidder should specify the tender number, tender title and the email id for correspondence.
- c. Any amendments thus issued shall form eternal part of the tender document. To offer bidders a reasonable timeframe for preparing revised bids, the SIEHS may at its discretion extend the deadline for submission of bids.

## DEADLINE FOR SUBMISSION OF BID

Bids must be submitted by dropping the sealed bid envelope in the tender box placed at the identified address (refer bid data sheet) no later than the time and date specified in the bid data sheet. Any claim against the bids received late shall not be considered at any stage. Bidders are advised at their own interest to take all precautionary measures for delivery of sealed bids in the tender box before the deadline for submission of bid.

Any bid received after the deadline for submission of bids prescribed by the SIEHS pursuant to bid data sheet & NIT will be rejected and returned unopened to the bidder.



#### PERIOD OF CONTRACT

Based on the agreed timeline for execution and completion of the scope of work.

#### SINGLE STAGE – ONE ENVELOPE PROCEDURE.

- 1. Bid shall comprise a single package sealed envelope.
- 2. SIEHS shall evaluate the proposal in a manner prescribed in advance and reject any proposal which does not conform to the specified requirements. No amendments in the proposal shall be permitted after the submission of documents.
- 3. Bids shall be opened publicly at a time, date and venue announced and communicated to the bidders in advance.
- 4. The bid should contain all the relevant information and desired enclosures in the prescribed format.
- 5. Bid should be submitted in a sealed envelope:
  - i. Be addressed to the SIEHS at the address given in the bidding documents
  - ii. Opened or e-mailed or faxed or telexed bids will not be accepted.
  - iii. Any bid received by the SIEHS after the date and time of tender opening will be rejected and returned as unopened to sender / bidder.
- iv. Bids qualified by such vague and indefinite expression such as "subject to prior confirmation", "subject to immediate acceptance" etc. will be treated as vague offers and rejected accordingly.
- v. Bidder shall comply with all Pakistani Laws, permits, codes and regulation applicable to the bidder's performance of services. Bid against the Government Rules and Policies, Conditional Bid, Ambiguous Bid or incomplete Bid and Bid without Bid Security will be rejected. No supplementary or revised offer after the opening of bids shall be entertained.
- vi. In case of announcement of Public Holiday or any unfavorable circumstance, the bids will be opened on next working day. Other terms and conditions, venue and time for drop and opening will remain unchanged.
- vii. In case of discrepancies between the Notice Inviting Tender (NIT) and the Bidding Documents, the Bidding Documents shall take precedence.
- viii. No bid may be withdrawn in the interval between the deadline for submission of bids and the expiration of the bid validity period specified in the bid document.

## POST BID SUBMISSION

#### OPENING OF BID

- 1. The date for opening of bids and the last date for the submission of bids shall be as given in the bidding documents and in the tender advertisement. In case, the two dates are different, the date and time, given in the bidding documents shall apply.
- In case of the date of opening of tender declared as Public Holiday by the Government of Sindh or Federal Government or non-working day due to any reason, the next official working day shall be deemed to be the date for submission and opening of tenders/bids/offers, accordingly. The time and venue shall remain same.
- 3. All bids shall be opened publicly in the presence of all the bidders, or their representatives, who may choose to be present in person, at the time and place announced in the invitation to bid.



- 4. The Procurement committee shall read aloud the name of the bidder and total amount of each bid, and of any alternative bids if they have been permitted, shall be read aloud and recorded when opened.
- 5. All bidders in attendance may sign an attendance sheet.
- 6. All bids submitted after the time prescribed as well as those not opened and read out at bid opening, due to any procedural flaw, shall not be considered, and shall be returned without being opened.

## **EVALUATION OF BIDS**

- 1. All bids shall be evaluated in accordance with the evaluation criteria and other terms and conditions set forth in this tender documents.
- A bid once opened in accordance with the prescribed procedure shall be subject to only those rules, regulations and policies that are in force at the time of issuance of notice for invitation of bids.
- 3. The Committee may seek the clarification from the bidder in writing or oral as the case may be, in case of committee deemed fit, however any clarification shall not be changing the sanctity of original bid.
- 4. The Bids/Offers shall be evaluated conformity the requirements of terms & conditions of the bidding document based on the record / documentary evidence submitted by the bidder.

## ANNOUNCEMENT OF BID EVALUATION REPORT

- 1. Procurement committee shall announce the results of bid evaluation in the form of a report giving reasons for acceptance or rejection of bids.
- 2. The report shall be uploaded on SIEHS website and intimated to all the bidders through email at least three (3) working days prior to the award of contract.

## **BID EVALUATION CRITERIA - 100 Marks**

THE BIDS SHALL BE EVALUATED ON MOST ADVANTAGEOUS BID BASIS. The bidder which attains the highest weighted score according to the following criteria shall be selected.

- 1. The Bids shall be evaluated on complete Lot / Group / Package basis reflected in the Bid Form / Price Schedule. Bids for partial / limited item(s) shall not be considered and rejected.
- 2. The following merit point system for weighing evaluation factors / criteria will be applied for single stage-one envelope proposal/s.
- 3. Bidders achieving minimum 70% score, means 42 marks out of 60 marks will be considered as qualified bidder(s) to proceed for the financial scoring. Bidder receiving less than 70% scoring in primarily evaluation will be disqualified. Documentary evidence should be provided for appropriate evaluation process of bids.



(fr	Primarily Evaluation Criteria – total 60 marks (from item No. 1 to item no. 11 shall be Evaluated on the basis of following parameters)				
Sr#	Description	Requirements / Marks	Maximum Marks		
1	Head Office / Establishment	0.5 marks for each year 5 marks for 10 years & above	5		
2	Qualification	25 Marks for Manufacturer / Sole Distributor 10 Marks for Official Distributor 5 Marks for General Supplier	25		
3	Distinguished Features	Relevant category product installed capacity, number of years of association with product principle, Technical resources and product availability at number of cities.(Other than Karachi)	15		
4	After Sales Support	Footprint in other than Karachi	15		
fre	om item No. 12 to item no.	23 shall be Evaluated on the basis of following pa	arameters		
1	Experience of the firm 10 years	<ul> <li>15 marks will be given in case of valid evidence are provided in the field of office appliances for last 10 years.</li> <li>10 marks will be given in case of valid evidence are provided in the field of office appliances for last 5 years.</li> <li>5 marks will be given in case of valid evidence are provided in the field of office appliances for last 3 years.</li> </ul>	15		
2	Contract Experience	<ul> <li>20 marks will be given if bidder have successfully completed 03 x contract/project similar type, nature, financial &amp; Physical complexity worth upto 10 million or above (Work Order, Completion Certificate &amp; Satisfactory Reports etc).</li> <li>10 marks will be given if bidder have successfully completed 02 x contract/project similar type, nature, financial &amp; Physical complexity worth upto 5 million or above (Work Order, Completion Certificate &amp; Satisfactory Reports etc).</li> <li>5 marks will be awarded if the number of contract are less than 02 contract/project similar type, nature, financial &amp; Physical complexity worth upto 2.5 million or above (Work Order, Completion Certificate &amp; Satisfactory Reports etc).</li> </ul>	20		

Start Start	SINDH INTEGRATED EMERGENCY AND HEALTH SERVICES TENDER DOCUMENTS			
3	Annual Turnover of last	10 marks are given if the available average at turnover for last 5 years is equal to or abov amount of bid. 05 marks are given if the available average at	re the nnual	
3	5 years	turnover for last 3 years is equal to or abov amount of bid. 03 marks shall be given if the available ave annual turnover of last two years is equal to	erage	
4	Annual Income Tax Returns of last 03 Years	05 Marks of 05 year GST/Income Tax Paid Returns	5	
5	Head Office / Establishment	1 marks for each year 10 marks for 10 years & above	10	
Financial Scoring – 40 Marks				
1	Quoted Price		10	
		• 45 days credit – 15 marks		

# CLARIFICATIONS / CORRECTIONS OF BID

SIEHS having the discretion to decide accordingly.

Delivery Timeline (Least Delivery Time)

To assist in the examination, evaluation and comparison of the bids the committee at its discretion may ask the bidder for a clarification of its bid. The request for clarification and the response will be in writing via email and no change in the price or substance of the bid will be permitted.

15 days credit – 10 marks

Warranty as per manufacturers' standards (warranty cards if applicable)

• Advance Payment – 0 marks

For the purposes of determining the best advantageous bid (amongst qualified bidders), factors such as price, payment terms, delivery timelines, previous performances, previous experience, OEM authorization, quality assurance, expertise and such other details may be considering with

Combination of advance and credit – 5 marks

Arithmetical errors will be rectified on the following basis:

- If there is a discrepancy between unit price and total price that is obtained by the multiplying the unit price and quantity, the unit price shall prevail and total price shall be corrected. If there is a discrepancy between the words and figures the amount in words shall prevail. If there is a mistake in addition / totaling that can be corrected.
- 2. If the bidder does not accept the corrected amount of bid, his bid will be rejected and his bid security will be forfeited.

#### PENALTY

2

3

4

Payment terms

In case of delay in delivery in accordance with the timeline shared in bid, a penalty shall be charged up to a maximum 10% of the total value of the contract or on the financial value of delayed good/s.

15

10 5



In case of goods services are not provided after 2 intimations, SIEHS may resort to cancellation of the order with no liabilities towards SIEHS and lead to forfeiture of performance security.

#### PERFORMANCE SECURITY

The Successful bidder shall submit the Performance Security / Guarantee in the amount specified in the Bid Data Sheet in the shape of Pay Order or Demand Draft or a Bank Guarantee in favor of SIEHS issued by a scheduled bank in Pakistan valid for a period of thirty (30) days beyond the date of completion / expiry of the contract. No interest will be paid on Performance security.

#### **REFUND OF PERFORMANCE SECURITY**

The Performance Security / Guarantee shall be returned after expiry/end of the contract and settlement of all claims. This amount will be returned to the successful supplier(s) after satisfactory completion note from SIEHS.

#### FORFEITURE OF PERFORMANCE SECURITY

- 1. In the event of failure to provide supplies as per the contract/agreement/work order within the stipulated period, the performance security may be forfeited.
- 2. In that event, acquiring of the said items may be taken from the next lowest bidder vide the same work order at bidder's risk and cost without any farther reference, so that the loss incurred would be recoverable from the Performance Security of the said bidder or from any sum due of which may become due to the bidder.
- If any supply/equipment/instrument or property of SIEHS or its representative / landlord / donor/ is damaged by the representative of approved firm, cost of the same will be deducted from the performance security money / pending bills of the bidder.

## APPLICABLE LAW

The Contract/Agreement shall be governed by the Laws of Pakistan and the Courts of Karachi, Sindh, Pakistan shall have exclusive jurisdiction.



## ARBITRATION

Any difference or dispute or liability of whatsoever nature arising out of the contract or in any way relating to the contract or to its construction or fulfillment should be settled as far as possible, amicably between the SIEHS and the bidder company. Should the parties fail to come to an amicable settlement the same shall be referred to the award of Arbitrators to be nominated one each by the SIEHS and the bidder company within fifteen (15) days of notice from either side or in the case of the said Arbitrators not agreeing, then to the award of an Umpire to be appointed by the Arbitrators in writing prior to proceeding with the arbitration. The decision of the Arbitrators or the Umpire, as the case may be, shall be final and binding on both the parties. The arbitration shall take place at Karachi, under Pakistani Law of Arbitration.

## MECHANISM OF BLACKLISTING

The suppliers or contractors who either consistently fail to provide satisfactory performances, or supply substandard goods, involved in corrupt practices during the currency of the tender proceedings or later stage etc. shall be blacklisted as per provisions of SPPRA Rules, depending upon the seriousness of the cause. The black listed firms would be eligible for participating at the expiry of the prescribed period.

## **RIGHT TO VARY QUANTITIES AND SPLIT ORDER**

SIEHS reserves the right to increase and/or decrease the quantities of items originally specified in the Format for Quoting the Rates / Schedule of Requirements however, the successful bidder(s) agree without any change in unit price or other terms and conditions during the contract period.

## REDRESSAL OF GRIEVANCES BY THE PROCURING AGENCY

Redressal of Grievances & settlement of dispute will be as per Rule 30 & 31 of SPPRA Rule-2010 (Amended 2022).



## COST OF BIDDING

The bidder shall bear all costs associated with the preparation and submission of its bid, while SIEHS in no case shall be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

## COST OF STAMP DUTY

0.35% of the contract/agreement value (incl. of tax) or notified by the Government of Sindh, will be paid by successful bidder as stamp duty prior entered into signing the contract/agreement.

## THIRD PARTY SERVICES

If required, will be the responsibility of the bidder. Sindh Integrated Emergency and Health Services will not be a party to any such agreement between the bidder and any of its vendors, sub-contractor, if so.

## CANCELLATION OF CONTRACT/AGREEMENT

If the successful bidder fails to provide the satisfactory services, the SIEHS shall be entitled with the option to cancel the contract/agreement and recover the damages besides forfeiture of Performance Guarantee. SIEHS shall not be liable to any risks and costs whatsoever in consequence of such cancellation of the contract.

#### PATENT DISCLAIMER

The bidder indemnifies SIEHS from any disputes arising from the issues of copied design, work of art, use of restricted intellectual property / rights etc. SIEHS in no circumstance would be held liable or any disputes. Any financial, reputational or other liability arising due to the provided service or goods will be the responsibility of the bidder. SIEHS reserves the right to compensation in case of any adverse impact due to breach of patents or unlawful use of intellectual property, idea or work of art.

#### NOTIFICATION OF AWARD

Prior to the expiration of the period of bid validity, the SIEHS will notify the successful bidder in writing by issuing a letter of acceptance, that its bid has been accepted. The notification of award will constitute the formation of the contract. Upon the successful bidder's furnishing of the P a g e 27 | 60



performance security, SIEHS will promptly notify each unsuccessful Bidder(s) and will discharge its bid security.

## SIGNING OF CONTRACT

SIEHS will send the successful bidder the draft contract agreement, incorporating all term & conditions between the parties. Within fifteen (15) days of receipt of the Contract/Agreement Form, the successful bidder shall pay the stamp duty as per terms of tender and sign the contract/agreement and return it to SIEHS. The successful bidder shall furnish the performance security in accordance with the conditions of contract/agreement. Failure of the successful bidder to comply with the requirement shall constitute sufficient grounds for the annulment of the award and forfeiture of the bid security.

## TENDER TIMELINES

The estimated timing for the key milestones in the tender process is as follows:

Steps	Time Line	Dates	
Tender advertisement published in the newspapers & Tender			
uploaded on SIEHS website		8 <sup>th</sup> February, 2023	
Pre bid meeting at SIEHS head office			
Plot No. 43-15/K, Block 6, P.E.C.H.S, Karachi, Pakistan.	11:00 am	14 <sup>th</sup> February, 2023	
Addressing of queries from bidders		17 <sup>th</sup> February, 2023	
Bid submission by vendors	9:30 am	24 <sup>th</sup> February, 2023	
Bid opening by Committee	10:00 am	24 <sup>th</sup> February, 2023	
Analysis of bid along with clarification of queries if any	24 <sup>th</sup> February, 2	2023 to 13 <sup>th</sup> March, 2023	
Internal approvals and project award with Letter of intent	16 <sup>th</sup> March, 2023 to 30 <sup>th</sup> March, 2033		

\*\*The above timeline is estimated and may change based on technical complexities. For any changes of dates in bid opening, information will be hoisted on SIEHS website as well as will be informed via email on their provided correspondence email addresses.



## **BID DATA SHEET**

Company name	Sindh Integrated Emergency & Health Services (SIEHS)
Bid submission	Bids to be submitted in the Tender box placed at SIEHS head office, Monday – Friday 9:00 am to 5:00 pm Plot No. 43-15/K, Block 6, P.E.C.H.S, Karachi, Pakistan.
Procurement Focal person	Mr. Azeem Hassan Khan Yousuf Zai
Email address	procurement@siehs.org
Contact number	021-111-111-823, Ext 2510,2006
Pricing mechanism	The price shall be fixed during the contract period.
Bid security	Amount of bid security should be 2% of the total bid price
Bid validity	Bid validity period shall be 90 days after opening of technical proposal
Deadline for bid submission	24 <sup>th</sup> February, 2023 at 9:30 am
Date, Time and Place of Bid opening of technical / commercial proposal	24 <sup>th</sup> February, 2023 at 9:30 am at SIEHS Head office (address above)
Performance Security	5% of the total value of the contract as per agreed timelines for delivery of supplies/goods after satisfactory inspection and acceptance. This amount will be returned to the supplier upon satisfactory report received from SIEHS.



#### VENDOR INFORMATION FORM

Name of the Company				
Company NTN			Date of establishment	
Company GST			Provincial sales tax numbers (SST)	
Office address				
Name of the authorized contact person				
Email address for correspondence				
Telephone Number (Extension if any)			Mobile Number	
Signature of authorized person				
Is any of your relatives / friends working in / for		If YES, please provide details:		
SIEHS?				
Declaration:				
I / We hereby declare documentation provided a best of my / our knowled information found false or with SIEHS and the place cancelled	re true and dge. In the incorrect, ed purchas	l correct to the e event of any the registration e order will be	stamp if available	
SPPRA INTEGRITY PACT awarded)	(To be sig	ned with the s	successful bidder	to whom contract is



Supply of Office Appliances for Regional Office & Stations

# ANNEXURE – A: GENERATOR SET SPECIFICATION RATING 30 KVA

		ted manufacturer (Cummins, Caterpil			
	equivalent) specially desi	igned for Indo-Pak, comprising	g of AC Generator,		
	Flexible coupling, Diesel Engine, Exhaust Silencer, Batteries, Fuel Tank and Engine/Alternator				
1					
-	Control Panel of following specifications along with Canopy and ATS Switch.				
	Generator installation & commissioning on site must be included in proposal {Un-loading on site,				
	parts require for installation (i.e. Cable Lugs, Foundation Rubber Pads)}.				
	Diesel Generator Set				
	General Requirements				
	Out put	30 KVA Prime			
2	Voltage	400 volt between phases and 230 betv	veen phase and neutral		
	Power Factor	0.8 or better			
	Frequency	50Hz			
	Speed	1500 RPM			
	Phase	3 phase 4 wire			
	Prime Mover (Diesel Engi	<u>ne)</u>	1		
	General Data		To be filled by the bidder		
	Manufacturer				
	No. of Cycles				
	Starting				
	Frequency				
	Speed				
	Method of Coupling				
	Radiator ambient temp.				
3	Type of starting				
	Speed Regulations Overload Capacity				
	Canopy				
	Engine Cooling				
	Silencer				
	Operation Noise Level				
	Operational temperature				
	Fuel Tank Capacity				
	Fuel consumption at 100% load				
	Radiator				
	Alternator				
4	General Data	To be filled by the vendor			
	Design				



	Output Rating					
	Rotation					
	Frequency					
	Power Factor					
	Voltage Regulation					
	Engine Control Panel					
	Provisions	Tick the r	Tick the relevant column			
	Lube Oil Temperature Gauge	Yes	No			
	Lube Oil Pressure Gauge	Yes	No			
	Hours Counter Meter	Yes	No			
	Water Temperature Gauge	Yes	No			
F	Tachometer	Yes	No			
5	Battery Charging Meter	Yes	No			
	Indicating Lights	Yes	No			
	Starting Switch	Yes	No			
	Over speed Alarm Light	Yes	No			
	Low Oil Pressure Alarm Light	Yes	No			
	High Temperature Alarm Light	Yes	No			
	Battery Charging Unit	Yes	No			
	following protections:					
	Provisions		elevant column			
	Over Current Release	Yes	No			
	Short Circuit Release	Yes	No			
	Under Voltage Release	Yes	No			
6	Ammeter with Current Transformer of suitable range	Yes	No			
	Ammeter Selector Switch	Yes	No			
	Frequency Meter	Yes	No			
	Voltmeter (0-500 volts)	Yes	No			
	Voltmeter Selector Switch	Yes	No			
	Set of Control Fuses	Yes	No			
	Circuit Breaker "ON" indicating lamp	Yes	No			
	Circuit Breaker "OFF" indicating lamp	Yes	No			
	Accessories					
	02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept					
7	secret.					
	Engine Spare parts Catalogue					
	Alternator Spare parts Catalogue					
	Control Cable as per requirement.					
8	AMF/ATS panel for Generator with following specification					
	ATS ,Electricity interlocked(Contactor type), MOR					



Auto start/stop with Engine requirements
Engine safeties (Low Oil Pressure, High Engine Pressure, Overload, Low Voltage, Fail to Start, Over Speed)
Panel display (Main on Load, Genset on Load)
Magnetic Contactors 63A AC3 3P AF Series ABB/Schneider/LF Germany Coil Volt 90VAC- 265VAC
Magnetic Contactors 52A AC3 3P AF Series ABB/Schneider/LF Germany Coil Volt 90VAC- 265VAC
Electricity interlocked (Contactor type), M.O.R Breaker 60Amps.
220VAC Control Relay with Base 08Pin Schneider France Lockable Type
Control Breaker MCB 06Amps SP 10KA
Control Terminals 10Amp + End Block Phoenix Contact
Power Terminals Strip 60Amp 04 Poles
Cable Glands as per requirement
Earth Strip Copper
Magnetic Contactors NC Block
Indication Lights 220VAC Schneider france
Electrical Control Panel: 750mm X 460mm X 150mm
Type: Single door Tube Hinges
protection Class- Water Proof
Color - Gray Siemens
Painting System: Electrostatic Powder Paint
Ambient Temperature 0 to +55 deg C
MS Sheet – 14SWG, Cable Entry - Bottom
Mounting Type- Wall Mounted Lugs Type Fitting
Power and Control Wiring As Per Requirement

	VENDOR STATUS				
	Quoted Product Foot print in Sindh within Karachi		Nos.		
	Quoted Product Foot print in Sindh other than Karachi		Nos.		
	Warranty in years or limited hours if any other please specify below		Years / Hrs.		
	Warranty Details				
9	Delivery Time		Calendar Days		
	Response time on complain / service if needed		Hrs.		
	Provisions	Tick the r	elevant column		
	Quoted by OEM	Yes	No		
	Quoted by Non – OEM	Yes	No		
	Quoted by OEM Authorized	Yes	No		

	CONSUMABLES ITEMS				
9	OEM recommended hours for service		Hrs.		
	Description	Rate (PKR)	Amount (PKR)		
	Lube Oil as per OEM recommended Qty. in Liters				
	Oil Filter				
	Air Filter				



Fuel Filter	
Service Charges Per visit	
Radiator Service Charges	
Coolant Replacement if needed	
Battery Electrolytes	



2 6		NDER DOCUMENTS	Office & Stations		
GENERATOR SET SPECIFICATION RATING 30 KVA					
Power Rating kVA / kW		30/24			
No. of Phases		3 Phase			
Output Voltage (	(V)	415			
Power Factor		0.8 (lagg	ing)		
Current		3 phase/ 1 pha	se) (A) 42		
Frequency (Hz)	and RPM	50 Hz, 1500	) RPM		
ENGINE	SPECIFICATION	ALTERNATOR SP	ECIFICATION		
Cooling	Liquid Cooled (EG Complete 50:50)	AVR	Electronic		
Cooling Method	Water	Efficiency @ Rated Voltage	Min 85 %		
Aspiration	Turbocharged, Charge Air Cooled	Excitation System	Self-Excited		
No. of cylinders	3, In-line 3	Enclosure (Ingress Protecting Rating)	IP23		
Cycle	4 Strokes	Voltage regulation (Max.)	±1%		
Fuel	High Speed Diesel	Class of Insulation/ Temperature Rise	H Class		
Fuel Filter	Split element Fuel filter	Stator Winding	Double layer lap		
Starting system	12 V DC Electrical	Rotor	Dynamically Balanced		
Air Filter Type	Dry Element	Waveform distortion/ Total Harmonic Distortion	No Load <1.5 %, Non distorting balanced linear load < 5 %		
Air Flow	Radiator	Maximum Unbalanced Load across phases	less than or equal to 25%		
Lube oil CH4 15W40		Telephonic Harmonic factor	<2%		
CONTROLLER SPECIFICATIONS					
Operation Mode ATS/ANF Measurement Vac, A, Hz, kVA, kW, Vdc					

EL	CINDH
5-11m ) 3	INTEGRATED EMERGENCY
St the	& HEALTH SERVICES

Ingress Protection Rating	IP65	Event Log	Alarms Log, Hrs log			
	STANDARD MECHANICAL FEATURES					
Genset design p at 50 °C ambien		h an optimized performance of the ve	ntilation and exhaust systems			
Temperature. Ro	obust structure design of Er	nclosure and Base frame.				
Heavy duty liftin lifting)	g lugs, Two point lifting for	easy handling at customer site (Mu	ist Comply ISO standards for			
Multi doors for e	asy access & maintenance/	/Designed to have optimum servicea	bility			
Heavy duty Base	e frame with built-in tank & t	forklift pockets.				
Industrial Grade	Muffler with rain cap					
Ingress Protection	Ingress Protection Rating according to BS EN 60529					
Air Inlet Louvers	specially designed to operative	ate at rated load.				
Fuel Filling arrangement inside the enclosure						
Fluid Drain for Lube oil and fuel						
Flush Styling - no projections						
Tank pretreatment process and UV resistant powder coating of all parts withstand extreme environment						
Specially designed to meet stringent MoEF/ CPCB norms of 75 dBA @ 1mtr at 75% load under free field conditions						
High quality noise absorbent and fire-retardant grade acoustic Insulation material (Foam) complying to IS 8183						



Supply of Office Appliances for Regional Office & Stations

# ANNEXURE – B: GENERATOR SET SPECIFICATION RATING 50 KVA

		uted manufacturer (Cummins, Caterpillar, Perkins, F.G Wilson or		
	equivalent) specially des	igned for Indo-Pak, comprising of AC Generator,		
	Elevible counting Diesel Engin	e, Exhaust Silencer, Batteries, Fuel Tank and Engine/Alternator		
1				
	Control Panel of following specifications along with Canopy and ATS Switch.			
	Generator installation & comm	nissioning on site must be included in proposal {Un-loading on site,		
	parts require for installation (i.e	e. Cable Lugs, Foundation Rubber Pads)}.		
	Diesel Generator Set			
	General Requirements			
	Out put	50 KVA Prime		
2	Voltage	400 volt between phases and 230 between phase and neutral		
2	Power Factor	0.8 or better		
	Frequency	50Hz		
	Speed	1500 RPM		
	Phase	3 phase 4 wire		
	Prime Mover (Diesel Engi	<u>ne)</u>		
	General Data	To be filled by the bidder		
	Manufacturer			
	No. of Cycles			
	Starting			
	Frequency			
	Speed			
	Method of Coupling			
	Radiator ambient temp.			
	Type of starting			
3	Speed Regulations			
	Overload Capacity			
	Canopy			
	Engine Cooling			
	Fuel Tank			
	Silencer			
	Operation Noise Level			
	Operational temperature			
	Fuel Tank Capacity			
	Fuel consumption at 100% load			
	Radiator			
_	Alternator			
4	General Data	To be filled by the vendor		
	Design			



Rotation       Frequency         Power Factor       Voltage Regulation         Engine Control Panel       Provisions         Tick the relevant column         Lube Oil Temperature Gauge       Yes         Lube Oil Temperature Gauge       Yes         Hours Counter Meter       Yes         Vater Temperature Gauge       Yes         Hours Counter Meter       Yes         Battery Charging Meter       Yes         Indicating Lights       Yes         Starting Switch       Yes         Over speed Alarm Light       Yes         Low Oil Pressure Alarm Light       Yes         Voltage Regulation       Yes         The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions       Tick the relevant column         Over Current Release       Yes       No         More Torit Release       Yes       No         Anmeter with Current		Output Rating			
Power Factor         Voltage Regulation           Engine Control Panel           Provisions           Ibb Coll Temperature Gauge         Yes         No           Lube Oil Temperature Gauge         Yes         No           Hours Counter Meter         Yes         No           Hours Counter Meter         Yes         No           Tachometer         Yes         No           Tachometer         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions           Provisions         Tick the relevant column         Over Current Release           Over Current Release         Yes         No           Ammeter Selector Switch         Yes         No           Ammeter Selector Switch         Yes         No           Voltmeter (0-500 volts)<					
Power Factor         Voltage Regulation           Engine Control Panel           Provisions           Ibb Coll Temperature Gauge         Yes         No           Lube Oil Temperature Gauge         Yes         No           Hours Counter Meter         Yes         No           Hours Counter Meter         Yes         No           Tachometer         Yes         No           Tachometer         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions           Provisions         Tick the relevant column         Over Current Release           Over Current Release         Yes         No           Ammeter Selector Switch         Yes         No           Ammeter Selector Switch         Yes         No           Voltmeter (0-500 volts)<		Frequency			
Engine Control Panel         Tick the relevant column           Lube Oil Temperature Gauge         Yes         No           Lube Oil Pressure Gauge         Yes         No           Hours Counter Meter         Yes         No           Water Temperature Gauge         Yes         No           Tachometer         Yes         No           Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions           Provisions         Tick the relevant column         Over Current Release           Over Current Release         Yes         No           Anmeter with Current Transformer of suitable range         Yes         No           Anter with Current Transformer of suitable range         Yes         No           Anter Voltage Release         Yes         No     <					
Provisions         Tick the relevant column           Lube Oil Temperature Gauge         Yes         No           Lube Oil Pressure Gauge         Yes         No           Hours Counter Meter         Yes         No           Water Temperature Gauge         Yes         No           Tachometer         Yes         No           Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           Low Oil Pressure Alarm Light         Yes         No           Battery Charging Unit         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Over Current Release         Yes         No           Over Current Release         Yes         No           Short Circuit Release         Yes         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter (0-500 vol		Voltage Regulation			
Provisions         Tick the relevant column           Lube Oil Temperature Gauge         Yes         No           Lube Oil Pressure Gauge         Yes         No           Hours Counter Meter         Yes         No           Water Temperature Gauge         Yes         No           Tachometer         Yes         No           Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           Low Oil Pressure Alarm Light         Yes         No           Battery Charging Unit         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Over Current Release         Yes         No           Over Current Release         Yes         No           Short Circuit Release         Yes         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter (0-500 vol		Engine Control Panel			
Lube Oil Pressure Gauge         Yes         No           Hours Counter Meter         Yes         No           Water Temperature Gauge         Yes         No           Tachometer         Yes         No           Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           Low Oil Pressure Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provision           Provision         Tick the relevant column         Over Current Release           Ves         No         Short Circuit Release         Yes         No           Under Voltage Release         Yes         No         Mometer Selector Switch         Yes         No           Frequency Meter         Yes         No         No         Set of Con			Tick the r	elevant column	
Hours Counter Meter     Yes     No       Water Temperature Gauge     Yes     No       Tachometer     Yes     No       Battery Charging Meter     Yes     No       Indicating Lights     Yes     No       Starting Switch     Yes     No       Over speed Alarm Light     Yes     No       Low Oil Pressure Alarm Light     Yes     No       High Temperature Alarm Light     Yes     No       High Temperature Alarm Light     Yes     No       The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:     No       Provisions     Tick the relevant column       Over Current Release     Yes     No       Short Circuit Release     Yes     No       Ammeter with Current Transformer of suitable range     Yes     No       Ammeter Gouter Vers     Yes     No       Ammeter (0-500 volts)     Yes     No       Voltmeter Selector Switch     Yes     No       Set of Control Fuses     Yes     No       Circuit Breaker "ON" indicating lamp     <		Lube Oil Temperature Gauge	Yes	No	
Water Temperature Gauge         Yes         No           5         Tachometer         Yes         No           Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           Low Oil Pressure Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following circuit Breaver of suitable rating having following protections:         Provisions           Over Current Release         Yes         No           Over Current Release         Yes         No           Under Voltage Release         Yes         No           Mameter With Current Transformer of suitable range         Yes         No           Ammeter Gouvolts)         Yes         No           Frequency Meter         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter Selector Switch         Yes         No           Circuit Break		Lube Oil Pressure Gauge	Yes	No	
5       Tachometer       Yes       No         Battery Charging Meter       Yes       No         Indicating Lights       Yes       No         Starting Switch       Yes       No         Over speed Alarm Light       Yes       No         Low Oil Pressure Alarm Light       Yes       No         High Temperature Alarm Light       Yes       No         Battery Charging Unit       Yes       No         The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:       Provisions         Provisions       Tick the relevant column       Over Current Release         Ver Current Release       Yes       No         Short Circuit Release       Yes       No         Under Voltage Release       Yes       No         Ammeter with Current Transformer of suitable range       Yes       No         Voltmeter (0-500 volts)       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No		Hours Counter Meter	Yes	No	
5         Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarn Light         Yes         No           Low Oil Pressure Alarn Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         No           Provisions         Tick the relevant column         Over Current Release           Over Current Release         Yes         No           Short Circuit Release         Yes         No           Under Voltage Release         Yes         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Voltmeter Co-500 volts)         Yes         No           Voltmeter Selector Switch         Yes         No           Set of Control Fuses         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp		Water Temperature Gauge	Yes	No	
Battery Charging Meter         Yes         No           Indicating Lights         Yes         No           Starting Switch         Yes         No           Over speed Alarm Light         Yes         No           Low Oil Pressure Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions         Tick the relevant column           Over Current Release         Yes         No         Short Circuit Release         Yes           Under Voltage Release         Yes         No         Mo         Ammeter selector Switch         Yes           Ammeter Selector Switch         Yes         No         Yes         No         Yoltmeter Governet           Voltmeter (0-500 volts)         Yes         No         Yes         No           Voltmeter Selector Switch         Yes         No         Yoltmeter Selector Switch         Yes         No           Set of Control Fuses         Yes         No         Yoltmeter Gover Selector Switch         Yes <td< td=""><td>F</td><td>Tachometer</td><td>Yes</td><td>No</td></td<>	F	Tachometer	Yes	No	
Starting Switch     Yes     No       Over speed Alarm Light     Yes     No       Low Oil Pressure Alarm Light     Yes     No       High Temperature Alarm Light     Yes     No       Battery Charging Unit     Yes     No       The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:     Tick the relevant column       Over Current Release     Yes     No       Short Circuit Release     Yes     No       Ammeter with Current Transformer of suitable range     Yes     No       Ammeter with Current Transformer of suitable range     Yes     No       Ammeter With Current Transformer of suitable range     Yes     No       Voltmeter (0-500 volts)     Yes     No       Voltmeter (0-500 volts)     Yes     No       Set of Control Fuses     Yes     No       Circuit Breaker "OFF" indicating lamp     Yes     No       Circuit Breaker "OFF" indicating lamp     Yes     No       Circuit Breaker "OFF" indicating lamp     Yes     No       Q2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.       Engine Spare parts Catalogue       Alternator Spare parts Catalogue       Control Cable as per requirement.       AMF/ATS panel for Generator with following specif	5	Battery Charging Meter	Yes	No	
Over speed Alarm Light         Yes         No           Low Oil Pressure Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions         Tick the relevant column           Over Current Release         Yes         No         No           Over Current Release         Yes         No           Under Voltage Release         Yes         No           Ammeter With Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Frequency Meter         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter Selector Switch         Yes         No           Set of Control Fuses         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Q2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.		Indicating Lights	Yes	No	
Low Oil Pressure Alarm Light         Yes         No           High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         No           Provisions         Tick the relevant column         Over Current Release         Yes         No           Over Current Release         Yes         No         No         Mo           Inder Voltage Release         Yes         No         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Frequency Meter         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter Selector Switch         Yes         No           Set of Control Fuses         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Circuit Breaker "OFF"		Starting Switch	Yes	No	
High Temperature Alarm Light         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Tick the relevant column           Over Current Release         Yes         No           Over Current Release         Yes         No           Under Voltage Release         Yes         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Frequency Meter         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter Selector Switch         Yes         No           Set of Control Fuses         Yes         No           Circuit Breaker "ON" indicating lamp         Yes         No           Circuit Breaker "ONF" indicating lamp         Yes         No           Circuit Breaker "ONF" indicating lamp         Yes         No           Circuit Breaker "ONFF" indicating lamp         Yes         No           Circuit Breaker "ONFF" indicating lamp         Yes         No           Circuit Breaker Statalogue         O2 Sets of Instruction Manuals in English language complete in all respects		Over speed Alarm Light	Yes	No	
Battery Charging Unit         Yes         No           Battery Charging Unit         Yes         No           The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         Provisions         Tick the relevant column           Over Current Release         Yes         No         No           Short Circuit Release         Yes         No           Under Voltage Release         Yes         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Frequency Meter         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter Selector Switch         Yes         No           Set of Control Fuses         Yes         No           Circuit Breaker "ON" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           O2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Engine Spare parts Catalogue           Antern		Low Oil Pressure Alarm Light	Yes	No	
7       The Alternator control panel should comprises the following Circuit Breaker of suitable rating having following protections:         9       Provisions       Tick the relevant column         Over Current Release       Yes       No         Short Circuit Release       Yes       No         Under Voltage Release       Yes       No         Ammeter with Current Transformer of suitable range       Yes       No         Ammeter Selector Switch       Yes       No         Frequency Meter       Yes       No         Voltmeter (0-500 volts)       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No         Circuit Breaker "ON" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         O2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.       Engine Spare parts Catalogue         Anternator Spare parts Catalogue       Control Cable as per requirement.       AMF/ATS panel for Generator with following specification		High Temperature Alarm Light	Yes	No	
6       following protections:         Provisions       Tick the relevant column         Over Current Release       Yes       No         Short Circuit Release       Yes       No         Under Voltage Release       Yes       No         Ammeter with Current Transformer of suitable range       Yes       No         Ammeter Selector Switch       Yes       No         Frequency Meter       Yes       No         Voltmeter (0-500 volts)       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Zets of Instruction Manuals in English language complete in all respects nothing should be kept secret.       Secret.         Engine Spare parts Catalogue       Image: Spare parts Catalogue       Image: Spare parts Catalogue         Alternator Spare parts Catalogue       Image: Control Cable as per requirement.       AMF/ATS panel for Generator with following specification         R       AMF/ATS panel for Generator with following specification       Image: Spare function for the second for		Battery Charging Unit	Yes	No	
Provisions         Tick the relevant column           Over Current Release         Yes         No           Short Circuit Release         Yes         No           Under Voltage Release         Yes         No           Ammeter with Current Transformer of suitable range         Yes         No           Ammeter Selector Switch         Yes         No           Frequency Meter         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter Gelector Switch         Yes         No           Voltmeter (0-500 volts)         Yes         No           Voltmeter (0-500 volts)         Yes         No           Set of Control Fuses         Yes         No           Circuit Breaker "ON" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           Circuit Breaker "OFF" indicating lamp         Yes         No           O2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Secret.           Engine Spare parts Catalogue         Alternator Spare parts Catalogue         Secret.           Control Cable as per requirement.         AMF/ATS panel for Generator with following specification			ving Circuit B	reaker of suitable rating having	
Over Current ReleaseYesNoShort Circuit ReleaseYesNoUnder Voltage ReleaseYesNoAmmeter with Current Transformer of suitable rangeYesNoAmmeter Selector SwitchYesNoFrequency MeterYesNoVoltmeter (0-500 volts)YesNoVoltmeter Selector SwitchYesNoSet of Control FusesYesNoCircuit Breaker "ON" indicating lampYesNoCircuit Breaker "OFF" indicating lampYesNoO2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.Engine Spare parts CatalogueAlternator Spare parts CatalogueControl Cable as per requirement.AMF/ATS panel for Generator with following specification		following protections:			
Ameter vith Current Transformer of suitable range Yes No Ammeter with Current Transformer of suitable range Yes No Ammeter Selector Switch Frequency Meter Yes No Voltmeter (0-500 volts) Yes No Voltmeter Selector Switch Yes No Voltmeter Selector Switch Yes No Voltmeter Selector Switch Yes No Set of Control Fuses Circuit Breaker "ON" indicating lamp Yes No Circuit Breaker "OFF" indicating lamp Yes No Accessories 02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret. Engine Spare parts Catalogue Alternator Spare parts Catalogue Control Cable as per requirement. AMF/ATS panel for Generator with following specification		Provisions	Tick the r	elevant column	
Image: Problem of the second		Over Current Release	Yes	Νο	
6       Ammeter with Current Transformer of suitable range       Yes       No         Ammeter Selector Switch       Yes       No         Frequency Meter       Yes       No         Voltmeter (0-500 volts)       Yes       No         Voltmeter Selector Switch       Yes       No         Voltmeter Selector Switch       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No         Circuit Breaker "ON" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Zets of Instruction Manuals in English language complete in all respects nothing should be kept secret.       Secret.         Engine Spare parts Catalogue       Zontrol Cable as per requirement.       Alternator Spare parts Catalogue         Control Cable as per requirement.       AMF/ATS panel for Generator with following specification       AMF/ATS panel for Generator with following specification		Short Circuit Release			
6       Ammeter Selector Switch       Yes       No         Frequency Meter       Yes       No         Voltmeter (0-500 volts)       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No         Circuit Breaker "ON" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         7       Accessories       02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Engine Spare parts Catalogue       Alternator Spare parts Catalogue         Alternator Spare parts Catalogue       Control Cable as per requirement.         AMF/ATS panel for Generator with following specification       Amtria Spare Information Spare Parts Catalogue		Short circuit Keledse	Yes	No	
Ammeter Selector SwitchYesNoFrequency MeterYesNoVoltmeter (0-500 volts)YesNoVoltmeter Selector SwitchYesNoSet of Control FusesYesNoCircuit Breaker "ON" indicating lampYesNoCircuit Breaker "OFF" indicating lampYesNoAtternator Spare parts CatalogueInstruction Manuals in English language complete in all respects nothing should be kept secret.Engine Spare parts CatalogueInstruction Spare parts CatalogueControl Cable as per requirement.Instruction Cable as per requirement.AMF/ATS panel for Generator with following specificationInstruction					
Voltmeter (0-500 volts)       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No         Circuit Breaker "ON" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Voltmeter Selector Switch       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Voltmeter Selector Switch       Yes       No         Voltmeter Selector Switch       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Voltmeter Selector Switch       Yes       No         Set of Instruction Manuals in English language complete in all respects nothing should be kept secret.       Secret.         Engine Spare parts Catalogue       Instruction Spare parts Catalogue       Instruction Spare parts Catalogue         Alternator Spare parts Catalogue       Instruction Cable as per requirement.       Instruction Spare parts Catalogue         AMF/ATS panel for Generator with following specification       Instruction Spare parts Catalogue       Instruction Spare parts Catalogue	6	Under Voltage Release	Yes	No	
Voltmeter Selector Switch       Yes       No         Set of Control Fuses       Yes       No         Circuit Breaker "ON" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         O2 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Engine Spare parts Catalogue       Alternator Spare parts Catalogue         Alternator Spare parts Catalogue       Control Cable as per requirement.         AMF/ATS panel for Generator with following specification       AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range	Yes Yes	No No	
Set of Control Fuses       Yes       No         Circuit Breaker "ON" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Circuit Breaker "OFF" indicating lamp       Yes       No         Accessories         02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Engine Spare parts Catalogue       Image: Control Cable as per requirement.         AMF/ATS panel for Generator with following specification       AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch	Yes Yes Yes	No No No	
Circuit Breaker "ON" indicating lampYesNoCircuit Breaker "OFF" indicating lampYesNoAccessories02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.Engine Spare parts Catalogue Alternator Spare parts Catalogue Control Cable as per requirement.AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch Frequency Meter	Yes Yes Yes Yes	No       No       No       No       No	
Circuit Breaker "OFF" indicating lamp       Yes       No         Accessories         02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Engine Spare parts Catalogue       Image: Control Cable as per requirement.         AMF/ATS panel for Generator with following specification       AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch Frequency Meter Voltmeter (0-500 volts)	Yes Yes Yes Yes Yes	No       No       No       No       No       No	
7       Accessories         02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret.         Engine Spare parts Catalogue         Alternator Spare parts Catalogue         Control Cable as per requirement.         AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch Frequency Meter Voltmeter (0-500 volts) Voltmeter Selector Switch	Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNo	
7 02 Sets of Instruction Manuals in English language complete in all respects nothing should be kept secret. Engine Spare parts Catalogue Alternator Spare parts Catalogue Control Cable as per requirement. AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch Frequency Meter Voltmeter (0-500 volts) Voltmeter Selector Switch Set of Control Fuses	Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNo	
7       secret.         Engine Spare parts Catalogue         Alternator Spare parts Catalogue         Control Cable as per requirement.         AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch Frequency Meter Voltmeter (0-500 volts) Voltmeter Selector Switch Set of Control Fuses Circuit Breaker "ON" indicating lamp	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNo	
7       Engine Spare parts Catalogue         Alternator Spare parts Catalogue         Control Cable as per requirement.         8         AMF/ATS panel for Generator with following specification	6	Under Voltage Release Ammeter with Current Transformer of suitable range Ammeter Selector Switch Frequency Meter Voltmeter (0-500 volts) Voltmeter Selector Switch Set of Control Fuses Circuit Breaker "ON" indicating lamp Circuit Breaker "OFF" indicating lamp	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNo	
Engine Spare parts Catalogue         Alternator Spare parts Catalogue         Control Cable as per requirement.         AMF/ATS panel for Generator with following specification	6	Under Voltage ReleaseAmmeter with Current Transformer of suitable rangeAmmeter Selector SwitchFrequency MeterVoltmeter (0-500 volts)Voltmeter Selector SwitchSet of Control FusesCircuit Breaker "ON" indicating lampCircuit Breaker "OFF" indicating lampAccessories	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNoNoNo	
Control Cable as per requirement. AMF/ATS panel for Generator with following specification		Under Voltage ReleaseAmmeter with Current Transformer of suitable rangeAmmeter Selector SwitchFrequency MeterVoltmeter (0-500 volts)Voltmeter Selector SwitchSet of Control FusesCircuit Breaker "OFF" indicating lampCircuit Breaker "OFF" indicating lampAccessories02 Sets of Instruction Manuals in English language com	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNoNoNo	
AMF/ATS panel for Generator with following specification		Under Voltage ReleaseAmmeter with Current Transformer of suitable rangeAmmeter Selector SwitchFrequency MeterVoltmeter (0-500 volts)Voltmeter Selector SwitchSet of Control FusesCircuit Breaker "ON" indicating lampCircuit Breaker "OFF" indicating lampO2 Sets of Instruction Manuals in English language com secret.	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNoNoNo	
		Under Voltage ReleaseAmmeter with Current Transformer of suitable rangeAmmeter Selector SwitchFrequency MeterVoltmeter (0-500 volts)Voltmeter Selector SwitchSet of Control FusesCircuit Breaker "ON" indicating lampCircuit Breaker "OFF" indicating lampO2 Sets of Instruction Manuals in English language com secret.Engine Spare parts Catalogue	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNoNoNo	
ATS ,Electricity interlocked(Contactor type), MOR		Under Voltage ReleaseAmmeter with Current Transformer of suitable rangeAmmeter Selector SwitchFrequency MeterVoltmeter (0-500 volts)Voltmeter Selector SwitchSet of Control FusesCircuit Breaker "ON" indicating lampCircuit Breaker "OFF" indicating lampAccessories02 Sets of Instruction Manuals in English language com secret.Engine Spare parts CatalogueAlternator Spare parts Catalogue	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNoNoNo	
	7	Under Voltage ReleaseAmmeter with Current Transformer of suitable rangeAmmeter Selector SwitchFrequency MeterVoltmeter (0-500 volts)Voltmeter Selector SwitchSet of Control FusesCircuit Breaker "ON" indicating lampCircuit Breaker "OFF" indicating lampQ2 Sets of Instruction Manuals in English language com secret.Engine Spare parts CatalogueAlternator Spare parts CatalogueControl Cable as per requirement.	Yes Yes Yes Yes Yes Yes Yes Yes	NoNoNoNoNoNoNoNoNoNoNoNoNo	



Auto start/stop with Engine requirements
Engine safeties (Low Oil Pressure, High Engine Pressure, Overload, Low Voltage, Fail to Start, Over Speed)
Panel display (Main on Load, Genset on Load)
Magnetic Contactors 63A AC3 3P AF Series ABB/Schneider/LF Germany Coil Volt 90VAC- 265VAC
Magnetic Contactors 63A AC3 3P AF Series/Scheinder/LF ABB Germany Coil Volt 90VAC- 265VAC
Electricity interlocked (Contactor type), M.O.R breaker 100 Amps. 220VAC Control Relay with Base 08Pin Schneider France Lockable Type
Control Breaker MCB 06Amps SP 10KA Control Terminals 10Amp + End Block Phoenix Contact Power Terminals Strip 60Amp 04 Poles
Cable Glands as per requirement Earth Strip Copper
Magnetic Contactors NC Block Indication Lights 220VAC Schneider france
Electrical Control Panel: 750mm X 460mm X 150mm Type: Single door Tube Hinges
protection Class- Water Proof Color - Gray Siemens Painting System: Electrostatic Powder Paint
Ambient Temperature 0 to +55 deg C MS Sheet – 14SWG, Cable Entry - Bottom
Mounting Type- Wall Mounted Lugs Type Fitting Power and Control Wiring As Per Requirement

	VENDOR STATUS			
	Quoted Product Foot print in Sindh within Karachi			Nos.
	Quoted Product Foot print in Sindh other than Karachi			Nos.
	Warranty in years or limited hours if any other please spec	ify below		Years / Hrs.
	Warranty Details		•	•
9	Delivery Time			Calendar Days
	Response time on complain / service if needed			Hrs.
	Provisions		Tick the relevant column	
	Quoted by OEM		Yes	No
	Quoted by Non – OEM	Quoted by Non – OEM		No
	Quoted by OEM Authorized		Yes	No
	CONSUMABLES ITEMS			
	OEM recommended hours for service			Hrs.
9	Description	Rate (PK	(R)	Amount (PKR)
J	Lube Oil as per OEM recommended Qty. in Liters			
	Oil Filter			
	Air Filter			



Fuel Filter	
Service Charges Per visit	
Radiator Service Charges	
Coolant Replacement if needed	
Battery Electrolytes	



GENERATOR SET SPECIFICATION RATING 50 KVA				
Power Rating k	/A / kW	50/40		
No. of Phases		3 Phase		
Output Voltage	V)	415		
Power Factor		0.8 (lagg	ing)	
Current		3 phase/ 1 pha	se) (A) 42	
Frequency (Hz)	and RPM	50 Hz, 1500	) RPM	
ENGINE	SPECIFICATION	ALTERNATOR SP	ECIFICATION	
Cooling	Liquid Cooled (EG Complete 50:50)	AVR	Electronic	
Cooling Method	Water	Efficiency @ Rated Voltage	Min 85.00 %	
Aspiration	Turbocharged, Charge Air Cooled	Excitation System	Self-Excited	
No. of cylinders	3, In-line 3	Enclosure (Ingress Protecting Rating)	IP23	
Cycle	4 Strokes	Voltage regulation (Max.)	±1%	
Fuel	High Speed Diesel	Class of Insulation/ Temperature Rise	H Class	
Fuel Filter	Split element Fuel filter	Stator Winding	Double layer lap	
Starting system	12 V DC Electrical	Rotor	Dynamically Balanced	
Air Filter Type	Dry Element	Waveform distortion/ Total Harmonic Distortion	No Load <1.5 %, Non distorting balanced linear load < 5 %	
Air Flow	Radiator	Maximum Unbalanced Load less than or equal to 25%		
Lube oil specification	CH4 15W40	Telephonic Harmonic factor <2%		
	CONT	ROLLER SPECIFICATIONS		
Operation Mode	ATS/ANF	Measurement	Vac, A, Hz, kVA, kW, Vdc	

SINDH INTEGRATED EMERGENCY AND HEALTH SERVICES Appliances for Region TENDER DOCUMENTS Office & Stations						
ngress Protection IP65 Event Log Alarms Log, Hrs log Rating						
STANDARD MECHANICAL FEATURES						
Genset design provides a low noise level v at 50 °C ambient	vith an optimized performance of	of the ventilati	on and exhaust systems			
Temperature. Robust structure design of	Enclosure and Base frame.					
Heavy duty lifting lugs, Two point lifting f lifting)	or easy handling at customer	site (Must Cc	omply ISO standards for			
Multi doors for easy access & maintenand	e/Designed to have optimum s	erviceability				
Heavy duty Base frame with built-in tank	& forklift pockets.					
Industrial Grade Muffler with rain cap						
Ingress Protection Rating according to BS EN 60529						
Air Inlet Louvers specially designed to operate at rated load.						
Fuel Filling arrangement inside the enclosure						
Fluid Drain for Lube oil and fuel						
Flush Styling - no projections						
Tank pretreatment process and UV resistant powder coating of all parts withstand extreme environment						
Specially designed to meet stringent MoEF/ CPCB norms of 75 dBA @ 1mtr at 75% load under free field conditions						
High quality noise absorbent and fire-reta	dant grade acoustic Insulation	material (Foa	m) complying to IS 8183			



Supply of Office Appliances for Regional Office & Stations

# ANNEXURE - C: GENERATOR SET SPECIFICATION RATING 80/100 KVA

		uted manufacturer (Cummins, Caterpillar, Perkins, F.G Wilson or			
	equivalent) specially des	signed for Indo-Pak, comprising of AC Generator,			
	Flexible coupling, Diesel Engir	ne, Exhaust Silencer, Batteries, Fuel Tank and Engine/Alternator			
1	Control Panel of following spec	ifications along with Canopy and ATS Switch.			
	Generator installation & comm	nissioning on site must be included in proposal {Un-loading on site,			
	parts require for installation (i.	e. Cable Lugs, Foundation Rubber Pads)}.			
	Diesel Generator Set				
	General Requirements				
	Out put	80 KVA Prime			
2	Voltage	400 volt between phases and 230 between phase and neutral			
2	Power Factor	0.8 or better			
	Frequency	50Hz			
	Speed	1500 RPM			
	Phase	3 phase 4 wire			
	Prime Mover (Diesel Eng	ine)			
	General Data	To be filled by the bidder			
	Manufacturer				
	No. of Cycles				
	Starting				
	Frequency				
	Speed				
	Method of Coupling				
	Radiator ambient temp.				
2	Type of starting				
3	Speed Regulations				
	Overload Capacity				
	Canopy				
	Engine Cooling Fuel Tank				
	Silencer				
	Operation Noise Level				
	Operational temperature				
	Fuel Tank Capacity				
	Fuel consumption at 100% load	4			
	Radiator	^			
	Alternator				
4	General Data	To be filled by the vendor			
	Design				
L	0				



	Output Rating				
	Rotation				
	Frequency				
	Power Factor				
	Voltage Regulation				
	Engine Control Panel				
	Provisions	Tick the re	elevant column		
	Lube Oil Temperature Gauge	Yes	No		
	Lube Oil Pressure Gauge	Yes	No		
	Hours Counter Meter	Yes	No		
	Water Temperature Gauge	Yes	No		
5	Tachometer	Yes	No		
J	Battery Charging Meter	Yes	No		
	Indicating Lights	Yes	No		
	Starting Switch	Yes	No		
	Over speed Alarm Light	Yes	No		
	Low Oil Pressure Alarm Light	Yes	No		
	High Temperature Alarm Light	Yes	No		
	Battery Charging Unit	Yes	No		
	The Alternator control panel should comprises the follow	ving Circuit Br	reaker of suitable rating having		
	following protections:				
	Provisions		elevant column		
	Over Current Release	Yes	No		
	Short Circuit Release	Yes	No		
	Under Voltage Release	Yes	No		
6	Ammeter with Current Transformer of suitable range	Yes	No		
0	Ammeter Selector Switch	Yes	No		
	Frequency Meter	Yes	No		
	Voltmeter (0-500 volts)	Yes	No		
	Voltmeter Selector Switch	Yes	No		
	Set of Control Fuses	Yes	No		
	Circuit Breaker "ON" indicating lamp	Yes	No		
	Circuit Dreaker "OFF" indicating lange	Yes	No		
	Circuit Breaker "OFF" indicating lamp	res	110		
	Accessories	163	NO		
7	Accessories				
7	Accessories 02 Sets of Instruction Manuals in English language com				
7	Accessories 02 Sets of Instruction Manuals in English language com secret.				
7	Accessories 02 Sets of Instruction Manuals in English language comp secret. Engine Spare parts Catalogue				
7	Accessories 02 Sets of Instruction Manuals in English language comp secret. Engine Spare parts Catalogue Alternator Spare parts Catalogue	plete in all re			



Auto start/stop with Engine requirements
Engine safeties (Low Oil Pressure, High Engine Pressure, Overload, Low Voltage, Fail to Start, Over Speed)
Panel display (Main on Load, Genset on Load)
Magnetic Contactors 150A AC3 3P AF ABB/Schneider/LF Germany Coil Volt 90VAC- 265VAC
Magnetic Contactors 150A AC3 3P AF Series ABB/Schneider/LF Germany Coil Volt 90VAC- 265VAC
Electricity interlocked (Contactor type), M.O.R Breaker 150Amps. 220VAC Control Relay with Base 08Pin Schneider France Lockable Type Control Breaker MCB 06Amps SP 10KA Control Terminals 10Amp + End Block Phoenix Contact
Power Terminals Strip 60Amp 04 Poles Cable Glands as per requirement Earth Strip Copper
Magnetic Contactors NC Block Indication Lights 220VAC Schneider France Electrical Control Panel: 750mm X 460mm X 150mm Type: Single door Tube Hinges
protection Class- Water Proof Color - Gray Siemens Painting System: Electrostatic Powder Paint
Ambient Temperature 0 to +55 deg C MS Sheet – 14SWG, Cable Entry - Bottom
Mounting Type- Wall Mounted Lugs Type Fitting Power and Control Wiring As Per Requirement

	VENDOR STATUS			
	Quoted Product Foot print in Sindh within Karachi		Nos.	
	Quoted Product Foot print in Sindh other than Karachi		Nos.	
	Warranty in years or limited hours if any other please specify below		Years / Hrs.	
	Warranty Details		•	
9	Delivery Time		Calendar Days	
	Response time on complain / service if needed		Hrs.	
	Provisions	Tick the r	elevant column	
	Quoted by OEM	Yes	No	
	Quoted by Non – OEM	Yes	No	
	Quoted by OEM Authorized	Yes	No	

	CONSUMABLES ITEMS		
	OEM recommended hours for service		Hrs.
9	Description	Rate (PKR)	Amount (PKR)
	Lube Oil as per OEM recommended Qty. in Liters		
	Oil Filter		



	Air Filter	
	Fuel Filter	
	Service Charges Per visit	
	Radiator Service Charges	
	Coolant Replacement if needed	
-	Battery Electrolytes	



GENERATOR SET SPECIFICATION RATING 80 KVA				
Power Rating kVA / kW		80/64		
No. of Phases		3 Phase		
Output Voltage (	V)	415		
Power Factor		0.8 (lagging)		
Current		3 phase/ 1 phase) (A) 42		
Frequency (Hz)	and RPM	50 Hz, 1500 RPM		
ENGINE SPECIFICATION		ALTERNATOR SP	ECIFICATION	
Cooling	Liquid Cooled (EG Complete 50:50)	AVR	Electronic	
Cooling Method	Water	Efficiency @ Rated Voltage	Min 85.00 %	
Aspiration	Turbocharged, Charge Air Cooled	Excitation System	Self-Excited	
No. of cylinders	3, In-line 3	Enclosure (Ingress Protecting Rating)	IP23	
Cycle	4 Strokes	Voltage regulation (Max.)	±1%	
Fuel	High Speed Diesel Class of Insulation/ Temperature Rise		H Class	
Fuel Filter	Split element Fuel filter	Stator Winding	Double layer lap	
Starting system	12 V DC Electrical	Rotor	Dynamically Balanced	
Air Filter Type	Dry Element	Waveform distortion/ Total Harmonic Distortion	No Load <1.5 %, Non distorting balanced linear load < 5 %	
Air Flow	Radiator	Maximum Unbalanced Load across phases	less than or equal to 25%	
Lube oil specification	CH4 15W40	Telephonic Harmonic factor	<2%	
CONTROLLER SPECIFICATIONS				
Operation Mode				

	RATED EMERGENCY AND HE SERVICES TENDER DOCUMENTS	ALTH Supply of Office Appliances for Regional Office & Stations				
Ingress Protection IP65 Rating	Event Log	Alarms Log, Hrs log				
STANE	STANDARD MECHANICAL FEATURES					
Genset design provides a low noise level of at 50 °C ambient	with an optimized performance of	the ventilation and exhaust systems				
Temperature. Robust structure design of	Enclosure and Base frame.					
Heavy duty lifting lugs, Two point lifting the lifting find the lifting)	or easy handling at customer sit	e (Must Comply ISO standards for				
Multi doors for easy access & maintenand	ce/Designed to have optimum ser	viceability				
Heavy duty Base frame with built-in tank	& forklift pockets.					
Industrial Grade Muffler with rain cap						
Ingress Protection Rating according to BS EN 60529						
Air Inlet Louvers specially designed to operate at rated load.						
Fuel Filling arrangement inside the enclosure						
Fluid Drain for Lube oil and fuel						
Flush Styling - no projections						
Tank pretreatment process and UV resistant powder coating of all parts withstand extreme environment						
Specially designed to meet stringent MoEF/ CPCB norms of 75 dBA @ 1mtr at 75% load under free field conditions						
High quality noise absorbent and fire-retardant grade acoustic Insulation material (Foam) complying to IS 8183						



## **ANNEXURE – D: SPECIFICATION OF DIESEL STORAGE DOCUMENT**

Capacity	500 liters	
Dimensions (I x w x h)	1318 x 1470 x 1540 mm	
Weight empty/full	550/985 kg	
Capacity meter	Yes	
Generator connection	1 set with ½"BSP-connection	
Stackable	No	
Number of fork brackets	2 sides	
Number of lifting eyes	5 pieces	
Coating	2-components polyurethane, Standard RAL 7016, other colors possible	
Maximum hose length	6 meters (Extended cabinet depth possible when more hose is desired)	
Steel thickness inner and outer tanks	3 mm	
Approvals	UN/ADR approved	
Suitable for	Diesel, gasoline	
Application	Mobile use	
Equipment standard	2" fill connection, 3"fill point, 1" check valve, 1/2" pressure Relieve Valve, Three-points connection	
Pump set possible	Yes, look at accessories for the available pump sets	



## **ANNEXURE – E: SPECIFICATION OF WATER DISPENSOR**

Taps	2: Hot and Cold water
Refrigerator	Cabinet Refrigerator
Warranty	1-year Brand Warranty
Compressor Cooling	Yes
Cabinet Refrigerant	R134A
Water Tank Material	Rust-Proof Stainless Steel Tank
Voltage	220-240V
Rated Frequency	50/60Hz
Input Power	570W
Heating Power	420W
Cooling Power	150W/1.0A
Hot Water Temperature	> 90 Degree Celsius
Cold Water Temperature	< 10 Degree Celsius
Relative Humidity	Less than 90%
Heating Water Capacity	5L/h
Cooling Water Capacity	2L/h



## **BID FORM / PRICE SCHEDULE**

(To be submitted on Official Company Letterhead duly signed & stamped) Financial Proposal

#### QUOTE

Name of Item/Description	Offered Specifications Make/Model/Pictures	Qty	Unit Price (PKR)	Taxes GST/SST	Amount (PKR)
Grand Total (PKR)					

Total Amount (incl. tax) in words\_\_\_\_

- The above mentioned rates/prices should be inclusive of all applicable taxes (WHT/SRB/GST)/duties/delivery charges etc.
- Main equipment with standard accessories including comprehensive warranty as per manufacturer recommendations.
- INCOTERM is DDP, Karachi, Pakistan and delivery at the designated delivery locations across Sindh province.
- Above prices should inclusive of all requirements mentioned scope of work.
- Validity of Offer/Proposal: 90 days from date effective of bid opening
- The above rates/prices should inclusive of all applicable taxes/duties/delivery charges etc.
- Payment terms (in calendar days): \_

<ul> <li>Delivery time (in calendar days):</li> </ul>	
Signature with date:	
Name:	
CNIC:	
Designation:	
Company:	_
Stamp:	—

Submission of the bid by the bidder reflects the acceptance of the SIEHS tender terms and conditions.



#### GENERAL TERMS AND CONDITIONS OF CONTRACT

#### **ARTICLE 1**

#### DEFINITIONS

The following definitions shall apply to this Agreement except where the context otherwise requires. Words importing the singular include the plural and vice versa where the context requires.

#### 1.1 <u>COMPANY</u>

Company shall mean Sindh Integrated Emergency and Health Services

#### 1.2 <u>COMPANY REPRESENTATIVE</u>

Company Representative shall mean any person nominated to coordinate and deal with the Supplier / Service Provider or with Supplier's / Service Provider's Organization on behalf of the Company. The terms Requestor or End user or Business Unit where used in this Agreement shall have the same meaning as the Company Representative.

#### 1.3 SUPPLIER / SERVICE PROVIDER

Supplier / Service Provider shall mean the person or Company identified in this Agreement or the person or the Company identified in the Purchase Order as the Supplier of Goods / Service. Where the term "Seller" or "Vendor" or "Contactor" appear they shall be taken to mean Supplier / Service Provider.

#### 1.4 SUPPLIER / SERVICE PROVIDER'S ORGANISATION

Supplier / Service Provider's Organization shall mean subsidiaries and/or any other person or Company having an Agreement directly or indirectly with the supplier / service provider for the supply of Goods / Services.

## 1.5 AGREEMENT OR THE AGREEMENT

Agreement / The Agreement means this agreement.

#### 1.6 <u>GOODS</u>

Goods mean the material and equipment to be supplied by the Supplier or Supplier's Organization as specified in **Annexure B** and/or the Purchase Order.

#### 1.7 <u>SERVICES</u>

Services shall mean the services to be provided by and execution of work to be done by the Service Provider as specified in **Annexure B** and/or the Purchase Order.

### 1.8 <u>PURCHASE ORDER</u>

Purchase Order means an order to purchase Goods and Services from the Supplier / Service Provider or Supplier's / Service Provider's Organization placed by the Company as and when required.

#### 1.9 INSPECTION

Inspection shall mean Inspection by the Company's Representative of the Goods supplied / Service provided

## 1.10 DELIVERY

Delivery shall mean the point or location(s) where the Company takes possession of the Goods and Services or a part of the Goods and Services.

## 1.11 CONFIDENTIAL INFORMATION



Confidential Information means all oral, electronic, and written information and material, in tangible and intangible format (including, without limitation, financial information, irrespective of the form of communication), which whether designated as "Confidential" or not is considered as confidential.

#### 1.12 <u>LAW</u>

Law means any applicable federal, state, or local Law, regulation, rules, or ordinance enforced in Pakistan.

# ARTICLE 2

#### SCOPE OF WORK

2.1 The Supplier / Service Provider shall supply the goods / services according to the specification and description as given in **Annexure B.** 

# ARTICLE 3

#### **BUSINESS INTEGRITY**

- 3.1 The Supplier / Service Provider shall act in accordance with the provisions of this Agreement, rules and policies of the Company as communicated and:
  - a. shall ensure that the goods / services supplied are as per specifications and free from all defects.
  - b. should comply with any conditions or warranties provided for by law.

## ARTICLE 4

## **CONTRACT PRICE**

- 4.1 In full consideration of the Supply of Goods / Service provided and of the fulfillment of other obligations under the Agreement, the Company shall, subject to the provisions of the Agreement, pay or cause to be paid to Supplier / Service Provider the contract price of the goods / services in accordance with the provisions of the **Annexure C.**
- 4.3 The Parties shall defend, indemnify and hold harmless each other from any liability resulting failure to comply with the reporting or other procedural requirements with respect to their payment.

## **ARTICLE 5**

#### TERMS OF PAYMENT

- 5.1 In consideration of goods / services supplied / provided as per specifications and verified by the relevant department, the Company will make payment to the Supplier / Service Provider mentioned in **Annexure C**.
- 5.2 Contract price as specified in **Annexure C** of the Agreement shall remain unchanged during the term of this Agreement unless mutually agreed for any price revision formula / mechanism.



5.3 Except in case of discrepancies in the invoice submitted to the Company, payment to the Supplier / Service Provider shall be made after \_\_\_\_\_days of submission of invoice along with the delivery notes of goods / services completion certificate and written verification by the authorized representative of the Company. Invoices must be sent to Company User / Finance Department.

## **ARTICLE 6**

#### **EXAMINATION & PERFORMANCE GUARANTEE**

- 6.1 Company or its designates shall have the right, at any time, to examine the goods supplied / services provided by the Supplier / Service Provider and their performance and to reject any items found to be not in accordance with the provisions of the Agreement or the specifications provided for supply of goods/ services for which the Company shall have sole discretion. No such examination or rejection shall relieve Supplier / Service Provider of any of its obligations and/or liabilities under the Agreement.
- 6.2 Any additional work to be performed or action to be taken by Supplier / Service provider resulting from examination or rejection as referred to in Article 6.1 shall not be regarded as a variation in Supplier / Service Provider's Work and shall be carried out at Supplier / Service Provider's own expense.
- 6.3 The rejected Goods will be replaced by the Supplier / Service Provider at its own cost. In case of failure on the part of the Supplier / Service Provider to replace the rejected equipment or material / service, the Company shall be entitled to deduct the entire cost of the rejected equipment or material from the Supplier's invoices which may be due for payment.
- 6.4 The service provider shall submit the Performance Security / Guarantee in the amount finalized through the tender T43-2023 in the shape of Pay Order or Demand Draft or a Bank Guarantee in favour of the Company issued by a scheduled bank in Pakistan. No interest will be paid on Performance security. The Performance Security / Guarantee shall be returned after expiry of contract and settlement of all claims. This amount will be returned to the supplier after satisfactory completion note from SIEHS.

6.5 In the event of failure to provide items/services as per contract / agreement / work order within the stipulated period, the performance security may be forfeited. In that event, acquiring of the said items/services may be taken from the next lowest bidder vide the same work order at contractor's risk and cost without any farther reference, so that the loss incurred would be recoverable from the Performance Security of the said Supplier / Service Provider or from any sum due of which may become due to the Supplier / Service Provider. If any equipment / instrument or property of the Company or its representative / landlord / donor/ is damaged by the representative of approved firm, cost of the same will be deducted from the performance security money / pending bills of the Supplier / Service Provider

# ARTICLE 7 INDEMNIFICATION

SINDH

- 7.1 Supplier / Service Provider hereby agrees and undertakes to indemnify and hold harmless to the Company, its members, subsidiaries, affiliates and joint venture partners, and their respective directors, officers, employees, and agents ("indemnified parties") from and against all proceedings, costs, charges, obligations, liabilities, actions, claims, demands, causes of action, suits, damages, judgments, liens, penalties, and expenses including, without limitation, costs and legal fees which may be rendered against the Company.
- 7.2 Without prejudice to the provision of Article 7.1, Supplier / Service Provider shall hold harmless and indemnify Company from and against all liens, attachments or claims by Supplier / Service Provider's Representatives or persons alleging to be Supplier / Service Provider's Representatives in connection with or arising out of Supplier / Service Provider's Work. Company shall have the right to withhold the amount involved in the cost arising out of such lien, attachment or claim from any payment due to Supplier / Service Provider until removal of such lien, or attachment or settlement of such claim by Supplier / Service Provider.

## **ARTICLE 8**

# WARRANTY

- 8.1 The Supplier / Service Provider warrants and guarantees that the Goods / Services shall be of good standard and quality and shall comply in all respects with the agreed terms and scope of work, and are carried out by professionals qualified to perform in a timely and efficient manner and with all reasonable, care and skills.
- 8.2 In case of failure of the Supplier / Service Provider to rectify any defects in the Goods / Services as notified by the Company, the Company shall have the rights to deduct an amount equivalent to the value of goods / services from the Supplier / Service Provider's invoices which may be due for payment and/or terminate this Agreement without prejudice to other rights and remedies available to the Company.

# **ARTICLE 9**

## TERM & TERMINATION

- 9.1 This Agreement shall remain in full force and effect for a period of <u>month</u> effective from\_\_\_\_\_
- 9.2 Either party will have the option to terminate this Agreement by giving the other party one (1) month written notice in advance. If the Supplier / Service Provider exercises right under this provision in that case the Supplier / Service Provider shall comply with instructions of the Company in respect of the last date for rendering of the Services and till that date the Supplier / Service Provider shall be responsible to provide the Services.
- 9.3 Breach of any condition of any term of the Contract and directions issued by the Company as and when communicated to the Supplier / Service Provider, including the terms of **Annexure A** –If the Supplier / Service Provider shall not rectify the breach within the stipulated period or comply with the Obligations of the Supplier / Service Provider, the non-compliance of obligation of the Supplier / Service Provider shall give the Company right to terminate the agreement immediately without notice and without prejudice to any other rights which may be available to the Company.
- 9.4 In the event of the following, the Company shall have the right to immediately terminate this Agreement without assigning any further reason and without any notice in writing or otherwise.



- a. Supplier / Service Provider fails to comply with any provision of this Agreement, and or fails to comply with local / national laws and directions as and when communicated.
- b. Any default by Supplier / Service Provider, or in case the Company wishes to close the business at the Site or wants to use it for some other purposes.

9.5 If the Company shall elect to terminate this Agreement, all rights and obligations of Supplier / Service Provider shall terminate, except for Supplier / Service Provider's indemnification contained herein.

# ARTICLE 10

## FORCE MAJEURE

- 10.1 Neither Party to this Agreement shall be liable for a delay in the execution of the Agreement or for any failure to fulfill any term of the Agreement if such delay or fulfillment has been caused by Force Majeure.
- 10.2 Force Majeure shall for the purpose of the Agreement mean an occurrence, which is beyond the control of the party affected and could not have been overcome or prevented by the exercise of reasonable diligence.
- 10.3 Without prejudice to the generality of Article 10.2 the events falling within Force Majeure include, subject to the conditions of the said Article 10.2, force of nature, lightning, earthquakes, floods, volcanoes, tidal waves, acts of war or public enemy, lockdown due to global pandemic and riots.
- 10.4 On the occurrence of any condition of Force Majeure the Party so affected shall immediately give verbal notice of such an event to the other Party and promptly confirm that notice by letter or email to point of contact.

# ARTICLE 11

## **ASSIGNMENT**

- 11.1 Supplier / Service Provider shall not be entitled to assign either in whole or in part any of its rights and obligations to sub-contractor under the Agreement without the prior written consent thereto of the Company.
- 11.2 Any Party to whom the rights and obligations under the Agreement are transferred to subcontractor shall be bound by all the provisions of this Agreement. In addition to Article 11.1, Supplier / Service Provider shall procure as a condition precedent to any assignment that such assignment shall:
  - a. Be executed in accordance with the provisions of this Agreement;
  - b. Be executed contemporaneously with a separate specific Agreement in favor of and for the benefit of the Company to the effect that the assignee accepts and agrees to be bound by the Agreement;



c. Be of no force or effect whatsoever unless and until the provisions of this Article 11 have been met, and an executed copy of the Agreement referred to in (b) above has been delivered to Company as a pre-condition to granting the required written consent.

# ARTICLE 12 COMPLIANCE WITH LAWS

12.1 Supplier / Service Provider its employees and agents shall observe and abide by and shall ensure that its subcontractor shall observe and abide by all applicable laws, rules and regulations in Pakistan in connection with the Agreement including but not limited to those with respect to labor and insurance.

12.2 Supplier / Service Provider shall obtain without delay such authorizations, approvals, permits, consents and licenses which are necessary for it to perform the Agreement.

12.3 Supplier / Service Provider specifically undertakes that it shall not engage/hire/employ child labor / force labor in line with local labor law, while discharging its contractual duties hereunder.

12.4 Without prejudice to any other rights that the Company may have the right to terminate the Agreement or any Contract/Work Statement immediately upon notice in writing if the Supplier / Service Provider violate the provisions of this clause.

# ARTICLE 13 CONFIDENTIALITY

13.1 In the performance of this Agreement, each Party may be exposed to Confidential Information of the other Party. No Party may disclose, reveal or use any such Confidential Information without, in each instance, obtaining the express prior written consent of the owner thereof. These obligations shall survive the expiration or termination of this Agreement.

13.2 Each Party acknowledges and agrees that the Confidential Information received by it from the other Party shall be kept confidential and shall not be disclosed or revealed to any other person other than those employees of such Party who needs to know the Confidential Information for the purpose of performing their respective obligations under this agreement and such employees shall take responsible steps to keep secrets.

13.3 The obligation of the Parties under Confidentiality Clause shall survive the termination/expiry /cancellation of this Agreement and remain valid and in full force even after the termination/expiry/cancellation of this Agreement.

# ARTICLE 14 WAIVER

14.1 A waiver on the part of the Company or the Supplier / Service Provider of any breach of any term, provision or condition of the Agreement shall not constitute a precedent nor bind either party



hereto to a waiver of any succeeding breach of the same of any other term, provision or condition of the Agreement.

# ARTICLE 15 APPLICABLE LAW

15.1 The validity, applications, interpretation and implementation of the Agreement and any dispute, controversy and claims shall be governed by the laws of the Islamic Republic of Pakistan.

## ARTICLE 16 JURISDICTION

16.1 The parties shall submit to the exclusive jurisdiction of the Karachi, Sindh Courts.

# **ARTICLE 17**

## LANGUAGE

17.1 For all aspects of the Agreement, the English language shall be the ruling language.

## **ARTICLE 18**

#### **SAFETY**

18.1 Supplier / Service Provider shall take all necessary precautions in connection with the Agreement in order to ensure the safety and health of the personnel of Company, Supplier / Service Provider and third parties.

# **ARTICLE 19**

## **NOTICES**

Company at:

19.1 All notices and other communications to be sent by either party to the other shall be duly communicated if delivered to the other party at its address referred to below or its receipt has been acknowledged in writing provided that either party may any time designate a different address to which notices and other communications are thenceforth to be sent.

Supplier / Service Provider at:

Company Name:	-
Address:	
Sindh Integrated Emergency and	Health Services
Sindh Integrated Emergency and Plot # 43-15/K, Block 06, PECHS	Health Services

19.2 Any notice, documents or other writing required by the Agreement to be given or sent shall be deemed to have been duly given or sent if it is delivered in person to the addressee or, if sent by courier telex or facsimile or e-mail, when it is received by the addressee.



Name	Designations	Email Address	Contact Numbers

<sup>19.3</sup> The address for delivery of notices and documents to the Company or the Supplier / Service Provider, as the case may be, pursuant to this Article shall be as stated in the Agreement or as may otherwise be notified from time to time in writing by one party to the other.

#### **ARTICLE 20**

## **ALTERNATIVE SUPPLIER / SERVICE PROVIDER**

20.1 In the event of a default by the Supplier / Service Provider to fulfill any of the terms and conditions of the purchase order, the decision of the Company being conclusive and final in the matter, the Company shall have the absolute right to cancel the purchase order forthwith and stop receiving goods / services from the Supplier / Service Provider without incurring any liability financial or otherwise and shall be entitled to recover the cost of arranging alternate Supplies / Service Provider from other sources from the Supplier / Service Provider or adjust the same against the Supplier / Service Provider's outstanding bills.

## ARTICLE 21

## <u>SURVIVAL</u>

21.1 Cancellation, expiration or earlier termination of this Agreement shall not relieve the Supplier / Service Provider from obligations being entered under this Agreement and Supplier / Service Provider shall be bound to complete the services or supplies of goods with the predetermined specifications and shall continue to be responsible for the warranties, remedies, promises of indemnity and confidentiality as decided.

## ARTICLE 22

#### ENTIRETY OF THIS AGREEMENT

22.1 No prior stipulation, agreement of understanding, verbal or otherwise, of the parties or their agents with respect to the subject matter of this Agreement shall be valid or enforceable unless embodied in the provisions of this agreement.

The following annexures will form part of this agreement:

- Annexure A General Terms and Conditions (already mentioned)
- Annexure B Scope of Work & Delivery Schedule

Annexure C – Price Schedule / Contract Price