

CERTIFICATE

In accordance with SPPRA's comments on receiving and redressing complaints received during tender processing, we have certified that no complaints have been received about the procurement process of the below-mentioned tender.

PPMS ID: T00518-22-0005

Tender Name: PROCUREMENT OF MACHINERY & EQUIPMENT
WITH SUPPLY, INSTALLATION, TESTING &
COMMISSIONING& CARPENTER / CIVIL WORKS
FOR PHYSIOTHERAPY / REHABILITATION

Tender Reference: PROC/SMBBIT/P&M-03)/2022-23

DR. GHULAM FATIMA
Chief Consultant Pathologist
C.H.K Central Lab
Dr. Ruth K.M Pfau
Civil Hospital Karachi

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Chief Pathologist,
Dr. Ruth K.M. Pfau
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Institute of Trauma, Karachi
DR. MUHAMMAD SABIR MEMON
Executive Director,
SMBB Institute of Trauma, Karachi



LETTER OF ACCEPTANCE

M/s. BIOS,
2nd, Floor Building No. 2C, 12 Commercial,
Phase II Ext. DIIA,
Karachi, Pakistan

Subject: **LETTER OF ACCEPTANCE FOR PROCUREMENT OF MACHINERY & EQUIPMENT WITH SUPPLY, INSTALLATION, TESTING & COMMISSIONING& CARPENTER / CIVIL WORKS FOR PHYSIOTHERAPY / REHABILITATION DEPARTMENT**
NIT NO: PROC/SMBBIT/2022-23/409 (Dated: 06-02-2023),
Ref no: PROC/SMBBIT/P&M-03/2022-23

- A. Notice Inviting Tender issued in respect of "PROCUREMENT OF MACHINERY & EQUIPMENT WITH SUPPLY, INSTALLATION, TESTING & COMMISSIONING& CARPENTER / CIVIL WORKS FOR PHYSIOTHERAPY / REHABILITATION DEPARTMENT" to be supplied during the Financial Year 2022-23.
- B. The said bid (Single Stage – Two Envelope procedure basis) submitted on 02-03-2023 by your firm.
- C. Meeting of Procurement Committee of Institute was held on 02-03-2023 & 17-03-2023 to open the Technical Proposal and Financial Proposal respectively.
- D. Procurement Committee of SMBB Institute of Trauma, Karachi has evaluated the bid submitted by participant in detail and is pleased to inform you that you have been selected as the "Most Advantageous Bid" for Supply of below mentioned items. The Procuring Agency now wishes to offer you supply of these item(s) on terms & conditions as per bid documents of said NIT.

S.#	Item No.	Name of Item	Required Qty	U.O.M	Product Description / Specification	Brand Name / Make	Model	Warranty	Extended Warranty	Offered Price	Total Price
1	1	Physiotherapy High Examination Couches	3	Units	<ul style="list-style-type: none"> 2-Section (up to 4 Adjustable sections) Nose Hole Including Plug Height Adjustment (Electric) Lifting Capacity (Max 200 Kg or more) Safety Switch Lockable Castor and other standard accessories Power Requirement: <ol style="list-style-type: none"> Line voltage: 220-240VAC Line Frequency: 50-60 Hz Warranty and Maintenance Period: <ol style="list-style-type: none"> Warranty Period required 3 years with maintenance and parts replacement. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) PPM must be done according to the OEM criteria in warranty period Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. Up-time guarantee during warranty period must be 90-95% Response to breakdown during and after warranty period must be 1-3Hours. Down Time: <p>If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below:</p> <p>90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily</p> Trainings & Manual: <ol style="list-style-type: none"> Operating and service manual with troubleshooting and circuit diagram must be provided In house operator training session for end user. In house service training session by principal/ Certified resource Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.	EMS PHYSIO	2-Section Couch	3 Years	-	1,020,000	3,060,000
2	2	Physiotherapy High Examination Couches	2	Units	<ul style="list-style-type: none"> 2-Section (up to 5 Adjustable sections) Nose Hole Including Plug Height Adjustment (Electric) Lifting Capacity (Max 200 Kg or more) Safety Switch Lockable Castor and other standard accessories Power Requirement: <ol style="list-style-type: none"> Line voltage: 220-240VAC Line Frequency: 50-60 Hz Warranty and Maintenance Period: <ol style="list-style-type: none"> Warranty Period required 3 years with maintenance and parts replacement. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) PPM must be done according to the OEM criteria in warranty period Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. Up-time guarantee during warranty period must be 90-95% Response to breakdown during and after warranty period must be 1-3Hours. Down Time: <p>If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below:</p> <p>90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily</p>	EMS PHYSIO	3-Section Couch	3 Years	-	1,150,000	2,300,000

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					Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
3	3	Combination therapy with trolley	1	Unit	High Resolution Touch Screen 4 to 7 inch or more User defined protocols/memories: 100 or more Pre-programmed clinical protocols: 20 or more Import / Export Capability Treatment Data Storage Ultrasound Frequencies: 1 and 3 Mhz Ultrasound Continues and Pulse Pulse Frequency up to 100 Hz, Duty Cycle: 20-80% or better, Number of ultrasound connector: 1 or more, Intensity: 2 W/Cm2 in continua or better and 3 W/Cm2 in Pulse or better Electrotherapy Channel: 2 or more Timer: 1-30 min Current type/waveform: 13 or more • Rechargeable Battery with Charger Accessories: • Electrodes, Leads, Straps, Ultrasound Applicator, Gel Bottle, Power Cord, User Manual, Cart with Storage Drawer and Custom Carry Case Power Requirement 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3Hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).	EMS PHYSIO	EMS 860	3 Years	-	1,250,000	1,250,000
4	4	Portable EMS Machine	3	Units	High Resolution Touch Screen 4 to 7 inch or more Channels: 2 or more Current type/waveform: 13 or more Peak current: 120 mA or more Operation: Constant voltage and constant current Channel programming: 25 or more Memorable program: 100 or more Timer: 1-30 min or more • Rechargeable Battery with Charger Accessories: • Electrodes, Leads, Straps, Ultrasound Applicator, Gel Bottle, User Manual, Cart with Storage Drawer and Custom Carry Case Power Requirement 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3Hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).	EMS PHYSIO	EMS 970	3 Years	-	1,050,000	3,150,000
5	5	Portable TENS Machine	3	Units	Channel: 2 or More Pulse Amplitude (mA): 1 to 99 or better Frequency (Hz): 1 to 120 or better Pulse duration: up to 200 us or more Modes: 1 or more (Constant, Burst, Modulation or more) Rechargeable Battery with Charger Accessories: • Cable, User Manual, Pouch, Necklace and Clip, Flip able Belt Clip, Cart with Storage Drawer and Custom Carry Case Power Requirement 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz	EMS PHYSIO ITO - Japan	120Z	3 Years	-	98,000	294,000

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					Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3Hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below; 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user 3. In house service training session by Principal Certified resource 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
6	6	Therapeutic Ultrasound Machine with Trolley	1	Unit	High Resolution Touch Screen 4 to 7 inch or more User defined protocols memories: 100 or more Pre programmed clinical protocols: 20 or more Import / Export Capability Treatment Data Storage Ultrasound: Frequencies: 1 and 3 MHz. Ultrasound Continuous and Pulse: Pulse Frequencies up to 100 Hz, Duty Cycle: 20-80% or better. Number of ultrasound contraction = 1 or more. Intensity: 2 W/Cm2 in continuous or better and 3 W/Cm2 in Pulse or better Accessories: - Cart with storage drawer and Lockable Caster, Ultrasound Applicator, Gel, Power Cord, User Manual and Carry Case. Power Requirement: 1. Line voltage: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3Hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below; 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user 3. In house service training session by Principal Certified resource 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).	EMS PHYSIO	EMS 460	3 Years	-	690,000	690,000
7	7	Hydrocolator Machine	1	Unit	Tank Capacity: 70 Liter or more Number of bars (Insert Grid): 3 or more Number of Packs (Possibly): 10 or more Gels Spring Supported: 1 set Temperature Range: 35-85 °C or better Temperature Control: Electronic Digital Temperature Display Thermal Cut-Off Safety: 95 °C Accessories: - Cart with Drawer and Lockable Caster, Power Cord, User Manual and Other Standard Accessories Power Requirement: 1. Line voltage: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3Hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below; 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user 3. In house service training session by Principal Certified resource	EMS PHYSIO	LCN 410	3 Years	-	1,445,000	1,445,000

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					4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.						
8	8	Traction Table with Cervical and Lumbar Belts	1	Unit	<ul style="list-style-type: none"> • Form of therapy: Static, Intermittent or more • Traction force: 1 - 90 kg or better • Timer: 1-60 min or better • Programmable memory • Clinical protocols • Safety control for traction force: 20 kg or better • Traction unit with High Resolution Touch Screen 4 to 7 inch or more • adjustable height 50-90 cm or better traction table with patient lift 150 kg or more <p>Accessories:</p> <ul style="list-style-type: none"> • Power Cord, User Manual, Patient safety switch, Cervical belt, Pelvic belt, Thoracic belt, Stool and power cord and Other Standard Accessories. <p>Power Requirement:</p> <ol style="list-style-type: none"> 1. Line voltage: 220-240VAC 2. Line Frequency: 50-60 Hz <p>Warranty and Maintenance Period:</p> <ol style="list-style-type: none"> 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily <p>Trainings & Manual:</p> <ol style="list-style-type: none"> 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.</p>	EMS PHYSIO ITO - Japan	TM400	3 Years	-	3,325,000	3,325,000
9	9	Shortwave Diathermy Machine	1	Unit	<ul style="list-style-type: none"> • Generator Frequency: 27.12 MHz or better • Output Power: continuous HF max: 400 W or better / pulsed HF Max: 1000 W (peak) or better • Pulse Duration: 400 micro second or better • Pulse Repetition Frequency: 15 - 200 Hz or better • High resolution color touch screen display <p>Accessories:</p> <ul style="list-style-type: none"> • Check light Pair of electrodes 100-150mm, Electrode arm, Rubber electrode and other standard accessories. <p>Power Requirement:</p> <ol style="list-style-type: none"> 1. Line voltage: 220-240VAC 2. Line Frequency: 50-60 Hz <p>Warranty and Maintenance Period:</p> <ol style="list-style-type: none"> 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily <p>Trainings & Manual:</p> <ol style="list-style-type: none"> 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.</p>	EMS PHYSIO	Mega Pulse Senior EMS 265	3 Years	-	2,520,000	2,520,000
10	10	Elliptical	1	Unit	<ul style="list-style-type: none"> • High resolution color touch screen display • Braking brake: Magnetic Brakes • Program Display: time, speed, distance, heart rate, RPM or more • Patient weight: 150 kg or more • User Manual • and with Standard Accessories <p>Power Requirement:</p> <ol style="list-style-type: none"> 1. Line voltage: 220-240VAC 2. Line Frequency: 50-60 Hz <p>Warranty and Maintenance Period:</p> <ol style="list-style-type: none"> 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily 	EMS PHYSIO Nordic Track, USA	C5.5	3 Years	-	195,000	195,000

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					Below 50% → 5 days increase daily. Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
11	11	Paraffin Bath	1	Unit	- Unit must be used with hospital grade code - Tank capacity: 15-25 liter or more. - Temperature Range: 35-40 °C or more. - Predictably no temperature fluctuation in the paraffin. - Our heating safety mechanism. - Duty Cycle: Continuous Operation. - Cart with lockable castor. - User Manual. - Other Standard Accessories. Power Requirement: 1. Line voltage: 220-240V AC 2. Line Frequency: 50-60 Hz. Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e. if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below. 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).	FMS PHYSIO	LCN 884	3 Years	-	1,250,000	1,250,000
12	12	Recurrent Bike	1	Unit	- Braking brake, Magnetic Brakes - High resolution color touch screen display - Heart Rate Monitoring Capability. - Saddle Horizontally and vertically Adjustable - Handlebar Horizontally and vertically Adjustable - Max. Patient Weight = 150 Kg or More. - and Other standard accessories. Power Requirement: 1. Line voltage: 220-240V AC 2. Line Frequency: 50-60 Hz. Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e. if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below. 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).	EMS PHYSIO SPRIT - USA	900	3 Years	-	490,000	490,000
13	13	Quadricep Drill	1	Unit	- Quadriceps Bench (functional muscle exerciser) - Exercise in sitting position (i.e. instance Knee Stretching, Reclining position, Knee Flexion, Hip Stretching). - Adjustable Seat and Back. Power Requirement: 1. Line voltage: 220-240V AC 2. Line Frequency: 50-60 Hz. Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e. if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below. 90% → No Down Time	EMS PHYSIO	QU001	3 Years	-	1,810,000	1,810,000

S.#	Item No.	Name of Item	Required Qty	U.O.M	Product Description / Specification	Brand Name / Make	Model	Warranty	Extended Warranty	Offered Price	Total Price
					Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.						
14	14	Multi gym (Standard)	1	Unit	- Butterfly, Bench Press Station, Crunches Station, Latissimus Rope Frame, Lower Pulley for Leg and Arm Exercise, Rowing, Leg Extension, Leg Curl - Weight: 5 x 80 Kg - Adjustable Bench Press Unit and Butterfly Arms, Padded Seat, Adjustable in Height Plastic Civil Steel Ropes Power Requirement: 1. Line voltage: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.	AMERICAN FITNESS - CHINA	7080	3 Years	2 Years	800,000	800,000
15	15	Treadmill with Telemetry and Harness Support	1	Unit	- High resolution color touch screen display 7 inch or more - Min. max. speed: 0.1 to 15 km/hr or better, increment: 0.1 km/hr - Positive slope angle: 0% to +15% (in steps of 0.5-1%) - Negative slope angle: 0% to -10% (in steps of 0.5-1%) - Effective walking surface: 140 x 45 cm or more - Height of side bars: 75cm to 95 cm (distance from the walking surface to the under-bar and upper side of the bars, respectively) - Display: speed, inclination, time, distance, HR, calories and more - Telemetry system - Max. permissible patient weight: 200 Kg or More - Protocol test: 20 or better - Provision of speed and BP measurement - Accessories: Handrails, Anti-fall, Harness support system, arm support, power cord, and other standard accessories Power Requirement: 1. Line voltage: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included). 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up-time guarantee during warranty period must be 90-95%. 7. Response to breakdown during and after warranty period must be 1-3 hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.	AMERICAN FITNESS - CHINA	T65A	3 Years	2 Years	1,170,000	1,170,000
16	16	Hydraulic Tilt Table	1	Unit	- Angle, electrically adjustable 0 to 85 Degree or better - Section 2 or more - Fixation Rails for Belts and Straps - Electric Height Adjustment: 60 to 100 cm or better - Lifting Capacity: 150 kg or More - Lockable castor - Accessories: foot support, safety belt 3 or more, supine table, hand control, and other Necessary Accessories Power Requirement: 1. Line voltage: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty (LCD, Keypad, Battery, Hand or foot control, and all others parts are included).	EMS PHYSIO	COU007	3 Years	-	1,665,000	1,665,000

S.#	Item No.	Name of Item	Required Qty	U.O.M	Product Description / Specification	Brand Name / Make	Model	Warranty	Extended Warranty	Offered Price	Total Price
					3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M. 5. Required suits of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M. 6. Up time guarantee during warranty period must be 99.95%. 7. Response to break-down during and after warranty period must be 1-3 Hours. 8. Down Time: If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day, then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated. are mentioned below: 90% → No Down Time Below 90% → 1.5 days increase daily Below 75% → 3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource. 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier.						
Total											25,414,000
Amount in word: Rupees Twenty-Five Million Four Hundred Fourteen Thousand Only.											

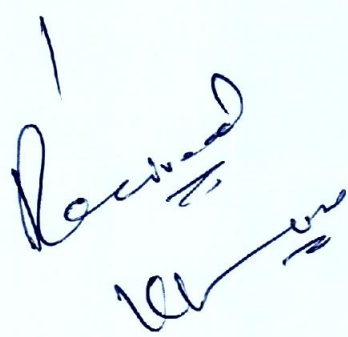
- This Letter of Acceptance does not form a contractual or legal relationship under the relevant law of Pakistan between SMBB Institute of Trauma and the addressee of this "Letter of Acceptance".
- Therefore, You are requested to confirm within seven (07) days on your company letterhead from the date of receipt of this Letter of Acceptance, regarding your willingness to accept this offer for Supply to SMBB Institute of Trauma, Karachi.
- If agreed, Form of Contract on Non-Judicial Stamp Paper will be submitted (As per Terms and conditions)
- PERFORMANCE DEPOSIT: @10% Performance Security, items-wise individually, will be submitted by Supplier to Purchaser in two equally divided forms of Pay Order / Demand Draft, or Bank Guarantee in favour of Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi (SMBBIT), which will be released as per tender documents, salient feature clause # 18.**
- Performance Security @ 10% in two equally divided in forms of Pay Order / Demand Draft or Bank Guarantee will be submitted by Supplier to Purchaser in favor of Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi (SMBBIT)**
 - @5% Performance Security of All ITEMS Rs. 1,270,700 Pay Order / Demand Draft or Bank Guarantee will be released after the satisfactory supply and installation of the mentioned equipment. (Bidder will furnish Installation Certificate duly signed by authorized representative at the time of release of Pay Order / Demand Draft or Bank Guarantee)**
 - @5% Performance Security of ALL ITEMS (Except mentioned Items) Rs. 1,172,200 Pay Order / Demand Draft or Bank Guarantee will be released after satisfactory completion of Warranty Period of 3 years / maintenance Period.**
 - @5% Performance Security of (Items # 14 & 15) Rs. 98,500 Pay Order / Demand Draft or Bank Guarantee will be released after satisfactory completion of Warranty Period of 3 years and 2 Years Extended Warranty / maintenance Period.**
- Stamp duty @0.35% of ordered amount shall be paid through E-stamp duty (www.estamps.gos.pk) and the paid receipt and agreement should have to be submitted to the Procurement department (SMBB-IT), Karachi.
- Carpenter and civil work for the physiotherapy and rehabilitation department will be as per the proposed diagram and pictorial map. Furthermore, any other work or modification in the suggested map will be through mutual understanding between the supplier and purchaser.
- Documents showing any set of exemption from duty taxes should also attached with the bills.
- GOODS SUPPLIED ON (DDP BASIS): The entire quantity of the ordered goods shall be delivered within 12 Weeks or earlier from the date of issuance of supply order / contract award. (The delivery period shall start from the date of Award of Contract / Contract Agreement.)**
- Liquidity Damages:** If it fails to deliver, 0.5% of the total bill amount per day, up to 10 percent limit after the completion period, depends upon the damages done due to non-supply.

Copy to:-

- The Director (A&F) SPPRA with reference to SPPRA PPMS ID T00518-22-0005 & Evaluation Report # BE00518-22-0005-6
- Accounts & Finance Department, SMBB Institute of Trauma.


EXECUTIVE DIRECTOR / DDO
SMBB INSTITUTE OF TRAUMA, KARACHI


EXECUTIVE DIRECTOR / DDO
SMBB INSTITUTE OF TRAUMA, KARACHI





SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF TRAUMA, KARACHI

No. PROC/SMBBIT/2022-23/557
Dated: April 07, 2023

AWARD OF TENDER (A.O.T)

M/s. BIOS,
2nd, Floor Building No. 2C, 12 Commercial,
Phase II Ext. DHA,
Karachi, Pakistan

Sub: **PROCUREMENT OF MACHINERY & EQUIPMENT WITH SUPPLY, INSTALLATION, TESTING & COMMISSIONING & CARPENTER / CIVIL WORKS FOR PHYSIOTHERAPY / REHABILITATION DEPARTMENT**
NIT NO: PROC/SMBBIT/2022-23/409 (Dated: 06-02-2023),
Ref no: PROC/SMBBIT/(P&M-03)/2022-23

Reference to our subject tender Dated: 02-03-2023 and letter of Acceptance Ref # PROC/SMBBIT/2022-23/547, Dated: 31-03-2023; The rates quoted by you for the supply of the following items have been approved and accepted by the Competent Authority of SMBB Institute of Trauma. You are therefore requested to please arrange the supply of the same at an early date after receipt of the supply order, to meet the urgent requirement, and send your bill in quadrilateral to the store office to arrange the payment from the Finance & Accounts Department of SMBB-IT.

S.#	Item No.	Name of Item	Required Qty	U.O.M	Product Description / Specification	Brand Name / Make	Model	Warranty	Extended Warranty	Offered Price	Total Price
1	1	Physiotherapy High Examination Couches Specification: - 2-Section (up to 4 Adjustable sections)	3	Units	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	2-Section Couch	3 Years	-	1,020,000.00	3,060,000
2	2	Physiotherapy High Examination Couches Specification: - 3-Section (up to 5 Adjustable sections)	2	Units	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	3-Section Couch	3 Years	-	1,150,000.00	2,300,000
3	3	Combination therapy with trolley	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	EMS 860	3 Years	-	1,250,000.00	1,250,000
4	4	Portable EMS Machine	3	Units	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	EMS 970	3 Years	-	1,050,000.00	3,150,000
5	5	Portable TENS Machine	3	Units	As Per Same Mentioned in Contract Agreement	EMS PHYSIO ITO - Japan	120Z	3 Years	-	98,000.00	294,000
6	6	Therapeutic Ultrasound Machine with Trolley	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	EMS 460	3 Years	-	690,000.00	690,000
7	7	Hydrocolator Machine	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	LNC 410	3 Years	-	1,445,000.00	1,445,000
8	8	Traction Table with Cervical and Lumber Belts	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO ITO - Japan	TM400	3 Years	-	3,325,000.00	3,325,000
9	9	Shortwave Diathermy Machine	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	Mega Pulse Senior EMS 765	3 Years	-	2,520,000.00	2,520,000
10	10	Elliptical	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO Nordic Track, USA	C5.5	3 Years	-	195,000.00	195,000
11	11	Paraffin Bath	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	LNC 884	3 Years	-	1,250,000.00	1,250,000
12	12	Recumbent Bike	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO SPRIT - USA	900	3 Years	-	490,000.00	490,000
13	13	Quadricep Drill	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	QU001	3 Years	-	1,810,000.00	1,810,000
14	14	Multi gym (Standard)	1	Unit	As Per Same Mentioned in Contract Agreement	AMERICAN FITNESS - CHINA	7080	3 Years	2 years	800,000.00	800,000
15	15	Treadmill with Telemetry and Harness Support	1	Unit	As Per Same Mentioned in Contract Agreement	AMERICAN FITNESS - CHINA	T65A	3 Years	2 years	1,170,000.00	1,170,000
16	16	Hydraulic Tilt Table	1	Unit	As Per Same Mentioned in Contract Agreement	EMS PHYSIO	COU007	3 Years	-	1,665,000.00	1,665,000
Total											25,414,000

Amount in word: Rupees Twenty-Five Million Four Hundred Fourteen Thousand Only.

2	Date of Delivery: As per Supply Order
3	Place of Delivery: SMBB Institute of Trauma, Karachi.
4	Dispatch Instruction: Free Delivery to the Consignee i.e. SMBB Institute of Trauma, Karachi.
5	Name and Address of the Consignee: Executive Director - SMBB Institute of Trauma, Karachi.
6	PARTICULAR GOVERNING SUPPLY:
6.1	As per policy given in the bid documents.
7	INSPECTION :
7.1	Inspection Authority: Nominated Inspection Committee of SMBB-IT, Karachi Concerned Department of Supplied Items.
8	PAYMENT : Through office of:
	The Finance Department SMBB-IT on production of the Delivery Challan, Inspection Note and Invoice, which will make payment from the consignee's Account
9	PART SUPPLY / PART PAYMENT: Allowed
9.1	Note:- It should be mentioned on the Delivery Note 1 st Supply, 2nd supply and Final Supply & on Invoice (Bill that this is 1 st Bill, 2nd Bill and in the last supply Final Bill) else in delay of payment the firm will be held responsible.

10	SPECIAL INSTRUCTION:
10.1	All the supplies must be completed within the stipulated delivery period. In case of failure, purchaser reserves the right to forfeit the security deposit and purchase the stock from any other sources on risk and expenses of supplier without any notice. The Liquidated damages will be applicable as per Bid document
10.2	The stores if found damaged shall be replaced by supplier free of cost
10.3	Sub-Standard stores if supplied will not be returned and supplier will be required to supply the stores of the contracted specification and of standard quality in addition to the same without any additional expenses to the Government.
11	The Supplier / Manufacturer should ensure the supply of quality stores
12	Documents showing any set of exemption from duty taxes should also be attached with the bills.
13	Liquidity Damages: 0.5% of the bid price per month after the period of Completion up to 10% maximum

Copy to:

- The Director (A&F)SPPRA with reference to SPPRA PPMS ID T00518-22-0005 & Evaluation Report # BE00518-22-0005-6
- Store Incharge, SMBB Institute of Trauma, Karachi
- Accounts & Finance Department, SMBB Institute of Trauma, Karachi
- Deputy Manager - BioMedical Department, SMBB Institute of Trauma, Karachi


 EXECUTIVE DIRECTOR / D.D.O
 SMBB INSTITUTE OF TRAUMA, KARACHI


 EXECUTIVE DIRECTOR / D.D.O
 SMBB INSTITUTE OF TRAUMA, KARACHI



MAR 2020

RUPEES ONE HUNDRED ONLY

**FOR THE PROCUREMENT OF MACHINERY & EQUIPMENT WITH
SUPPLY, INSTALLATION, TESTING & COMMISSIONING& CARPENTER /
CIVIL WORKS FOR PHYSIOTHERAPY / REHABILITATION DEPARTMENT**

NIT NO: PROC/SMBBIT/2022-23/409 (Dated: 06-02-2023),

Ref no: PROC/SMBBIT/(P&M-03)/2022-23

LETTER OF ACCEPTANCE NO: PROC/SMBBIT/2022-23/547 DATED: 31 - March - 2023

This Contract Agreement (hereinafter called the Agreement) made on 06th day of April - 2023.

M/s. BIOS

A Contractor, having its office at **2nd, Floor Building No. 2C, 12 Commercial, Phase II Ext. DHA, Karachi, Pakistan** (Hereinafter mentioned as Contractor), which expression shall be deemed to mean and include its successors-in-interest and permitted assigns;

AND

**SHAHEED MOHTARMA BENAZIR BHUTTO INSTITUTE OF
TRAUMA, KARACHI**

(Hereinafter Called the Purchaser)

WHEREAS the Purchaser is desirous that certain Purchases, "Under mentioned Items" should be supplied by the Contractor and has accepted a bid by the Contractor for the "Procurement of Machinery & Equipment with Supply, Installation, Testing & Commissioning & Carpenter / Civil Works for Physiotherapy / Rehabilitation Department" remedying of any defect therein.



S #	Item No	Name of Item	R. Qty	U.O.M	Product Description / Specification	Brand Name / Make	Model	Warranty	Extended Warrant y	Offered Price	Total Price
1	1	Physiotherapy High Examination Couches	3	Units	- 2-Section (up to 4 Adjustable sections) - Nose Hole Including Plug - Height Adjustment (Electric) - Lifting Capacity (Max 200 Kg or more) - Safety Switch - Lockable Castor - and other standard accessories Power Requirement: 1. Line voltages: 220- 240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate	EMS PHYSIO	2- Section Couch	3 Years	-	1,020,000	3,060,000



					daily						
					Trainings & Manual:						
					1. Operating and service manual with troubleshooting and circuit diagram must be provided.						
					2. In house operator training session for end user.						
					3. In house service training session by Principal Certified resource						
					4. Trained Service Engineers with certification from the principle, Karachi based mandatory.						
					Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
2	2	Physiotherapy High Examination Couches	2	Units	- 3-Section (up to 5 Adjustable sections) - Nose Hole Including Plug - Height Adjustment (Electric) - Lifting Capacity (Max 200 Kg or more) - Safety Switch - Lockable Castor - and other standard accessories Power Requirement:	EMS PHYSIO	3-Section Couch	3 Years	-	1,150,000	2,300,000



If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% →
No Down Time

Below 90% →
1.5 days
increase daily

Below 75% →
3.5 days
increase daily

Below 50% →
5 days increase
daily

**Trainings &
Manual:**

1. Operating and service manual with troubleshooting and circuit diagram must be provided.

2. In house operator training session for end user.

3. In house service training session by Principal Certified resource

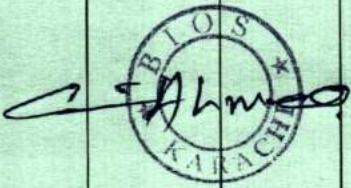
4. Trained Service Engineers with certification from the principle,



					Karachi based mandatory.						
					Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
3	3	Combination therapy with trolley	1	Unit	High Resolution Touch Screen 4 to 7 inch or more	EMS PHYSIO	EMS 860	3 Years	-	1,250,000	1,250,000
					User defined protocols memories: 100 or more						
					Pre-programmed clinical protocols: 20 or more						
					Import / Export Capability						
					Treatment Data Storage						
					Ultrasound						
					Frequencies = 1 and 3 Mhz,						
					Ultrasound Continues and Pulse						
					Pulse Frequency up to 100 Hz, Duty Cycle = 20-80% or better, Number of ultrasound connection = 1 or more, Intensity = 2 W/Cm2 in continues or better and 3 W/CM2 in Pulse or better						
					Electrotherapy						
					Channel: 2 or more						
					Timer: 1-30 min						
					Current type/waveform: 13 or more						
					- Rechargeable						



					<p>2. In house operator training session for end user.</p> <p>3. In house service training session by Principal Certified resource</p> <p>4. Trained Service Engineers with certification from the principle, Karachi based mandatory.</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p>								
4	4	Portable EMS Machine	3	Units	<p>High Resolution Touch Screen 4 to 7 inch or more</p> <p>Channels: 2 or more</p> <p>Current type/waveform: 13 or more</p> <p>Peak current: 100 mA or more</p> <p>Operation :Constant voltage and constant current</p> <p>Preset programming: 25 or more</p> <p>Memorable program: 100 or more</p> <p>Timer: 1-30 min or more</p> <p>- Rechargeable Battery with Charger</p> <p>Accessories:</p> <p>- Electrodes, Leads, Straps, Ultrasound</p>	EMS PHYSIO	EMS 970	3 Years	-	1,050,000	3,150,000		



					<p>Certified resource</p> <p>4. Trained Service Engineers with certification from the principle, Karachi based mandatory.</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p>						
5	5	Portable TENS Machine	3	Units	<p>Channel 2 or More</p> <p>Pulse Amplitude (mA): 1 to 99 or better</p> <p>Frequency (Hz): 1 to 120 or better</p> <p>Pulse duration: up to 200 µs or more</p> <p>Modes: 3 or more (Constant, Burst, Modulation or more)</p> <p>Rechargeable Battery with Charger</p> <p>Accessories:</p> <p>- Cable, User Manual, Pouch, Necklace and Clip, Flip able Belt Clip, Cart with Storage Drawer and Custom Carry Case</p> <p>Power Requirement:</p> <p>1. Line voltages: 220-240VAC</p> <p>2. Line Frequency: 50/60 Hz</p> <p>Warranty and</p>	EMS PHYSIO ITO - Japan	120Z	3 Years	-	98,000	294,000



					<p>Maintenance Period:</p> <p>1. Warranty Period required 3 years with maintenance and parts replacement.</p> <p>2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included)</p> <p>3. PPM must be done according to the OEM criteria in warranty period.</p> <p>4. Service support and parts availability upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.</p> <p>5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.</p> <p>6. Up-time guarantee during warranty period must be 90-95%.</p> <p>7. Response to breakdown during and after warranty period must be 1-3Hours.</p> <p>8. Down Time:</p> <p>If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain</p>						
--	--	--	--	--	--	--	--	--	--	--	--



					(Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
6	6	Therapeutic Ultrasound Machine with Trolley	1	Unit	<p>High Resolution Touch Screen 4 to 7 inch or more</p> <p>User defined protocols memories: 100 or more</p> <p>Pre-programmed clinical protocols: 20 or more</p> <p>Import / Export Capability</p> <p>Treatment Data Storage</p> <p>Ultrasound</p> <p>Frequencies = 1 and 3 Mhz,</p> <p>Ultrasound Continues and Pulse</p> <p>Pulse Frequency up to 100 Hz, Duty Cycle = 20-80% or better, Number of ultrasound connection = 1 or more, Intensity = 2 W/Cm2 in continues or better and 3 W/CM2 in Pulse or better</p> <p>Accessories:</p> <p>- Cart with storage drawer and Lockable Castor, Ultrasound Applicator, Gel, Power Cord , User Manual and Carry Case</p> <p>Power Requirement:</p> <p>1. Line voltages: 220-240VAC</p> <p>2. Line Frequency:</p>	EMS PHYSIO	EMS 460	3 Years	-	690,000	690,000



					Karachi based mandatory.						
					Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
7	7	Hydrocolator Machine	1	Unit	Tank Capacity: 70 Liter or more Number of bars (Insert Grid): 3 or more Number of Packs (Possible): 10 or more Gas Spring Supported Lid Temperature Range: 35-85 °C or better Temperature Control = Electronic Digital Temperature Display Thermal Cut-Out (Safety): 95 °C Accessories: - Cart with Drawer and lockable Castor, Power Cord, User Manual and Other Standard Accessories Power Requirement: 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with	EMS PHYSIO	LNC 410	3 Years	-	1,445,000	1,445,000



				<p>concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;</p> <p>90% → No Down Time</p> <p>Below 90% → 1.5 days increase daily</p> <p>Below 75% → 3.5 days increase daily</p> <p>Below 50% → 5 days increase daily</p> <p>Trainings & Manual:</p> <p>1. Operating and service manual with troubleshooting and circuit diagram must be provided.</p> <p>2. In house operator training session for end user.</p> <p>3. In house service training session by Principal Certified resource</p> <p>4. Trained Service Engineers with certification from the principle, Karachi based mandatory.</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation)</p>						
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					are the responsibility of awarded firm/supplier).						
8	8	Traction Table with Cervical and Lumber Belts	1	Unit	- Form of therapy: Static, Intermittent or more - Traction force: 1 - 90 kg or better -Timer: 1-60 min or better - Programmable memory - Clinical protocols - Safety control for traction force: 20 kg or better - Traction unit with High Resolution Touch Screen 4 to 7 inch or more -adjustable height 50-90 cm or better traction table with patient lift 150 kg or more -Accessories: Power Cord, User Manual, Patient safety switch, Cervical belt, Pelvic belt, Thoracic belt, Stool and power cord and Other Standard Accessories Power Requirement: 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the	EMS PHYSIO ITO - Japan	TM400	3 Years	-	3,325,000	3,325,000



warranty.
(LCD, Keypad,
Battery, Hand
or foot control,
and all others
parts are
included)

3. PPM must
be done
according to the
OEM criteria in
warranty period.

4. Service
support and
parts
availability
upcoming next
ten years after
installation of
quoted model
must be ensure
via a separate
letter by O.E.M.

5. Required
surety of service
support and
parts from the
manufacturer, in
case of transfer
agency /
distributor via
undertaking by
O.E.M.

6. Up-time
guarantee
during warranty
period must be
90-95%.

7. Response
to breakdown
during and after
warranty period
must be 1-
3Hours.

**8. Down
Time:**

If equipment is
malfunctioning
or not working
properly then
down time
period would
start i.e., if
machine remain
out of order for
more than one
day; then one
and half day
increase in
contract of
concerned
equipment will
be charged but
if any part
required from
manufacturer,



					<p>then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;</p> <p>90% → No Down Time</p> <p>Below 90% → 1.5 days increase daily</p> <p>Below 75% → 3.5 days increase daily</p> <p>Below 50% → 5 days increase daily</p> <p>Trainings & Manual:</p> <p>1. Operating and service manual with troubleshooting and circuit diagram must be provided.</p> <p>2. In house operator training session for end user.</p> <p>3. In house service training session by Principal Certified resource</p> <p>4. Trained Service Engineers with certification from the principle, Karachi based mandatory.</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p>						
9	9	Shortwave Diathermy	1	Unit	- Generator Frequency:	EMS PHYSIO	Mega Pulse	3 Years	-	2,520,000	2,520,000



					<p>Below 90% → 1.5 days increase daily</p> <p>Below 75% → 3.5 days increase daily</p> <p>Below 50% → 5 days increase daily</p> <p>Trainings & Manual:</p> <p>1. Operating and service manual with troubleshooting and circuit diagram must be provided.</p> <p>2. In house operator training session for end user.</p> <p>3. In house service training session by Principal Certified resource</p> <p>4. Trained Service Engineers with certification from the principle, Karachi based mandatory.</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p>						
10	10	Elliptical	1	Unit	<p>- High resolution color touch screen display</p> <p>- Braking brake: Magnetic Brakes</p> <p>- Program Display: time, speed, distance, heart rate, RPM or more</p> <p>- Patient weight: 150 kg or more</p>	EMS PHYSIO Nordic Track, USA	C5.5	3 Years	-	195,000	195,000

during and after warranty period must be 1-3Hours.

8. Down Time:

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% →
No Down Time

Below 90% →
1.5 days
increase daily

Below 75% →
3.5 days
increase daily


Below 50% →
5 days increase
daily

Trainings & Manual:

1. Operating and service manual with troubleshooting and circuit diagram must be provided.

2. In house operator training session for end user.

3. In house service training session by Principal Certified resource



					<p>4. Trained Service Engineers with certification from the principle, Karachi based mandatory.</p> <p>Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).</p>						
11	11	Parrafin Bath	1	Unit	<p>- Unit must be used with hospital grade code</p> <p>-Tank capacity: 13-25 liter or more</p> <p>- Temperature Range = 35 - 80 °C or more</p> <p>- Practically no temperature fluctuation in the paraffin</p> <p>- Our heating safety mechanism</p> <p>- Duty Cycle: Continues Operation</p> <p>- Cart with lockable castor</p> <p>- User Manual</p> <p>- Other Standard Accessories</p> <p>Power Requirement:</p> <p>1. Line voltages: 220-240VAC</p> <p>2. Line Frequency: 50/60 Hz</p> <p>Warranty and Maintenance Period:</p> <p>1. Warranty Period required 3 years with</p>	EMS PHYSIO	LNC 884	3 Years	-	1,250,000	1,250,000

					are the responsibility of awarded firm/supplier).						
1 2	12	Recumbent Bike	1	Unit	- Braking brake: Magnetic Brakes - High resolution color touch screen display - Heart Rate Monitoring Capability - Saddle Horizontally and vertically Adjustable - Handlebar Horizontally and vertically Adjustable - Max. Patient Weight = 150 Kg or More - and Other standard accessories Power Requirement: 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must be done according to the OEM criteria in warranty period. 4. Service support and parts availability	EMS PHYSIO SPRIT - USA	900	3 Years	-	490,000	490,000


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upcoming next ten years after installation of quoted model must be ensure via a separate letter by O.E.M.

5. Required surety of service support and parts from the manufacturer, in case of transfer agency / distributor via undertaking by O.E.M.

6. Up-time guarantee during warranty period must be 90-95%.

7. Response to breakdown during and after warranty period must be 1-3Hours.

8. Down Time:

If equipment is malfunctioning or not working properly then down time period would start i.e., if machine remain out of order for more than one day; then one and half day increase in contract of concerned equipment will be charged but if any part required from manufacturer, then downtime period not calculated for a month but after a month the down time should be calculated, are mentioned below;

90% →
No Down Time

Below 90% →
1.5 days
increase daily

Below 75% →



					3.5 days increase daily Below 50% → 5 days increase daily Trainings & Manual: 1. Operating and service manual with troubleshooting and circuit diagram must be provided. 2. In house operator training session for end user. 3. In house service training session by Principal Certified resource 4. Trained Service Engineers with certification from the principle, Karachi based mandatory. Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
1 3	13	Quadricep Drill	1	Unit	- Quadriceps Bench (functional muscle exerciser) - Exercise in sitting position (For Instance Knee Stretching, Reclining position, Knee Flexion, Hip Stretching) - Adjustable Seat and Back Power Requirement:	EMS PHYSIO	QU001	3 Years	-	1,810,000	1,810,000



					Karachi based mandatory.						
					Supply, Installation, Testing, Commissioning and Maintenance (Including all type of work for the completion of the installation) are the responsibility of awarded firm/supplier).						
14	14	Multi gym (Standard)	1	Unit	<p>- Butterfly, Bench Press Seated, Crunches Seated, Latissimus Rope Frame, Lower Pulley for Leg and Arm Exercise, Rowing, Leg Extension, Leg Curl</p> <p>- Weight: 5 - 80 Kg</p> <p>- Adjustable Bench Press Unit and Butterfly Arms, Padded Seat, Adjustable in Height, Plastic Cord Steel Ropes</p> <p>Power Requirement:</p> <p>1. Line voltages: 220-240VAC</p> <p>2. Line Frequency: 50/60 Hz</p> <p>Warranty and Maintenance Period:</p> <p>1. Warranty Period required 3 years with maintenance and parts replacement.</p> <p>2. All the parts are included in the warranty. (LCD, Keypad,</p>	AMERICAN FITNESS - CHINA	7080	3 Years	2 Years	800,000	800,000



		Support		or more	CHINA					
				- Min./max. speed: 0.1 - 15 km/hr or better , increment: 0.1 km/hr						
				- Positive slope angle: 0% to +15% (in steps of 0.5/1%)						
				- Negative slope angle: 0% to - 10% (in steps of 0.5/1%)						
				- Effective walking surface: 140 x 45 cm or more						
				- Height of side bars: 75cm - 95 cm (distance from the walking surface to the underside and upper side of the bars respectively)						
				- Display: speed, Inclination, time, distance, HR, calories and more						
				- Telemetry system						
				- Max. permissible patient weight: 200 Kg or More						
				- Protocol/test: 20 or better						
				- Provision of spo2 and BP measurement						
				- Accessories: Handrails, Anti-fall/ Harness support system, arm support, power cord, and other standard accessories						
				Power Requirement:						
				1. Line voltages: 220-240VAC						
				2. Line Frequency: 50/60 Hz						
				Warranty and Maintenance Period:						



					for the completion of the installation) are the responsibility of awarded firm/supplier).						
1 6	16	Hydraulic Tilt Table	1	Unit	- Angle: electrically adjustable 0 to 85 Degree or better - Section 2 or more - Fixation Rails for Belts and Straps - Electric Height Adjustment= 60 to 100 cm or better - Lifting Capacity= 150 Kg or More - lockable castor - Accessories: foot support, safety belt 3 or more, supine static table, hand control - and Other Necessary Accessories Power Requirement: 1. Line voltages: 220-240VAC 2. Line Frequency: 50/60 Hz Warranty and Maintenance Period: 1. Warranty Period required 3 years with maintenance and parts replacement. 2. All the parts are included in the warranty. (LCD, Keypad, Battery, Hand or foot control, and all others parts are included) 3. PPM must	EMS PHYSIO	COU00 7	3 Years	-	1,665,000	1,665,000

Amount in word: Rupees Twenty-Five Million Four Hundred Fourteen Thousand Only.

Whereas the purchaser is desirous that certain goods should be provided by Contractor and whereas the Contractor has agreed to provide and quote the rate which has been accepted by purchaser for supply of above mentioned goods against the sum of **Rs. 25,414,000/-** hereinafter called "The Contract Price".

SALIENT FEATURES / TERMS & CONDITIONS

1.	Bid Currencies	:	Prices shall be quoted in PKR on Deliver duty paid (D.D.P) basis.
2.	Supply of Equipment	:	The entire quantity of the ordered goods shall be delivered within 12 Weeks or earlier from the date of issuance of supply order / contract award. (16 weeks above period supply not acceptable and the offer will be rejected). The delivery period shall start from the date of Award of Contract / Contract Agreement.
3.	Installation Period	:	It will start after receiving of equipment at site.
4.	Warranty & Maintenance Period	:	Warranty & Maintenance period should be start from the date of Installation report which satisfactorily signed by end user / Biomedical engineer. (This period will remain functional till (mentioned in items individually)).
5.	Contract Agreement	:	The Contractor / Contractor shall enter & execute a formal Agreement as per the "Form" annexed with such modification as may be necessary.
(a)			
(b)	Stamp Paper / duty requirement for Agreement.	:	Rs. @0.35% of the Contract Value or as prescribed by Government Laws.
6.	Terms of Payment to Contractors.		Goods supplied on D.D.P: i. Payment shall be made in Pak Rupees. ii. The payment will be made to the Contractor within 30 days of the receipt of original delivery challan(s) and invoice(s) in duplicate duly completed in all respect and signed and stamped by the Chairman of the Inspection Committee. The Inspection Committee will prepare and submit a report of physical inspection with a certificate to the effect that the goods conform to the specifications laid down in the bidding documents.
7.	Insurance	:	The goods supplied under the Contract shall be delivered to the Procuring Agency after the payment of all taxes and customs duty, CESS, Octroi charges etc. Risk will be transferred to the Procuring Agency only After the delivery of these goods has been made to the Procuring Agency. Hence, payment of insurance premium, if any, shall be the responsibility of the Contractor.
8.	Release of Bid Security of 5%	:	To un-successful Contractors, after work is awarded. Bid Security will be released to successful Contractor after purchase order is released but after Security Deposit is deposited as per salient feature Sr.#10.
9.	Security Deposit / Performance Security	:	The successful Contractor will have to deposit the requisite Performance security Bond in shape of Bank Guarantee (as per amount mentioned in bidding data sheet)

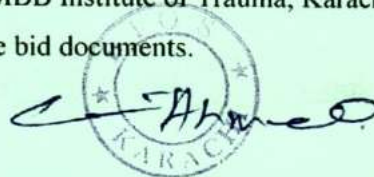


			This will be released as per salient feature Sr.#10.
10.	Release of Performance / Security Deposit of 10%	:	<ul style="list-style-type: none"> • 5% of Partial Bank Guarantee will be released after the satisfactory supply and installation of the equipment. (Contractor will furnish Installation Certificate dully signed by authorized representative at the time of release of Bank Guarantee). • 5% of Partial Bank Guarantee will be released after satisfactory completion of warranty / maintenance Period (mentioned in Items individually).
11.	Variation in Contract Price	:	Amount mention in Contract Agreement will prevail till execution and no variation in price shall be allowed on any ground including Currency Fluctuation/ Variation / Devaluation or whatsoever.
12.	Taxes	:	All taxes will be deducted as per prevalent laws of Country.
13.	Approved makes.	:	As mentioned in items individually.
14.	Special Note Regarding Equipment's	:	<p>Technical offers / Commercial offers failing to demonstrate below details would be rejected:</p> <ul style="list-style-type: none"> a. Quoted system must be of advanced & latest version. b. Tender must cover complete equipment. c. Tender must cover complete range of disposables/ kits d. Tender must provide all technical details up to the satisfaction of the end user. e. Items should be quality approved from the concerned international body of the respective industry.
15.	Inspection of Imported equipment	:	After the Award of Tender / Contract, Contractor shall take two persons to the manufacturing site and bear all expenses of visit in case the cost of Award of Tender / Contract is above 20Million .
(a)	manufacturing site by the client.		
(b)	Training		Contractor will provide on-site successful training to all the personnel working on / operating the said Equipment / Machine as long as the need prevail.
16.	Maintenance.	:	Maintenance cost for all items for Period (mentioned in items individually) from the date of successful Installation shall be undertaken by the Contractor (Maintenance includes all Parts & Labor, etc. with Sufficient staff, during maintenance period).
17.	Default in Preventive Maintenance, Breakdown and Emergency Calls.	:	<ul style="list-style-type: none"> • In case of default by the Contractor with respect to maintenance, break down and emergency calls, the same will be carried out within 24 hours by the Procuring Agency and the cost so incurred will be paid from the Retention Money. • Moreover, an additional 10% of the amount spent would be charged from the concerned contractor being defaulter.
18.	Tax Exemption.	:	Incase Purchase on C&F basis, the required Certificate will be issued by this office that the import has been made for this Institute, so as to avail the facility of exemption of duties / taxes, as per Government Rules / Policy according to the Sindh Public Procurement Rules, 2010 (Amended till date).
19.	Transportation	:	The Contractor shall arrange such transportation of the goods as is required to prevent them from damage or

			deterioration during transit to their final destination as indicated in the Schedule of Requirements. The goods shall be supplied on "D.D.P." Basis at the SMBB Institute of Trauma, Karachi. Miscellaneous charges on logistics, transportation, Insurance, clearing from sea port / airport will also be paid / bear by the contractor(s).
20.	Supply, Installation, Testing & Commissioning	:	Means all types works related to civil, furniture, plumbing, electrical, HVAC, UPS or etc. any type of work which is needed related to proper functioning of supplied equipment will completely responsibility of Contractor / contractor. Contractor / Contractor shall visit & inspect the site at their own expense and obtain all necessary information prior to submitting the tender. Any detail or information required should be obtained from Planning & Procurement Department before bidding. Once the tender is submitted, it will be assumed that no further clarification was required.

Now this agreement witnesseth as follows:

1. In this agreement words and expression shall have the same meanings as are respectively assigned to them in the Terms & Conditions of Tender Enquiry referred to.
2. The Following documents after incorporating addenda, if any except these parts relating to Instruction to Contractors, shall be deemed to form and be read and constructed as part of this Agreement, viz:
 - a. Purchase order(s)/ Letter of Acceptance where applicable.
 - b. The completed Form of Bid along with Schedules to Bid.
 - c. Condition of Contract & Contract Data
 - d. The priced Scheduled of prices
 - e. The specifications
3. In consideration of the payments to be made by the Purchaser to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Purchaser to supply the goods and remedy defects therein in conformity and in all respects within the provisions of the Contract.
4. The Purchaser hereby covenants to pay the Contractor, in consideration of the execution and completion of the supply as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
5. **LIQUIDITY DAMAGES:** In case deliveries are not completed within the time frame specified in the schedule of requirements / contract, a Show Cause Notice will be served on the Contractor which will be following by cancellation of the Contract to the extent of non - delivered portion of installments. No supplies will be accepted and the amount of Performance Guarantee / Security to the extent of non-delivered portion of supplies of relevant installments will be forfeited. If the firm fails to supply the whole installments, the entire amount of Performance Guarantee/Security will be forfeited to the Government Account and the firm will be blacklisted at least for two years for future participation in bids: The liquidated damage shall be 0.5 % per month or part thereof. The maximum amount of liquidated damages shall be 10% of the amount of contract. Once the cumulative amount of liquidated damages reaches ten percent (10%) of the amount of the contract, the Procuring Agency shall rescind the contract, without prejudice to other courses of action and remedies open to it.
6. **PLACE OF DELIVERY:** SMBB Institute of Trauma, Karachi.
7. **DISPATCH INSTRUCTION:** Free delivery to the Consignee i.e. SMBB Institute of Trauma, Karachi.
8. **PARTICULAR GOVERNING SUPPLY:** As per policy given in the bid documents.



9. **INSPECTION:** Nominated Inspection Committee of SMBBIT, Concerned Department of Supplied Items.
10. **PAYMENT:** The Accounts & Finance Department SMBB-IT, Karachi on production of the Delivery Challan, Inspection Note and Invoice, which will make payment from the consignee's Account.
11. **SECURITY DEPOSIT: @10% Performance Security, items-wise individually, will be submitted by Supplier to Purchaser in two equally divided forms of Pay Order / Demand Draft, or Bank Guarantee in favor of Shaheed Mohtarma Benazir Bhutto Institute of Trauma, Karachi (SMBBIT). which will be released as per, salient feature clause # 10.**
- a. **@5% Performance Security** of Rs. 1,270,700 Pay Order / Demand Draft or Bank Guarantee will be released after the satisfactory supply and installation of the mentioned equipment. (Bidder will furnish Installation Certificate duly signed by authorized representative at the time of release of Pay Order / Demand Draft or Bank Guarantee).
 - b. **@5% Performance Security of ALL ITEMS (Except mentioned Items) Rs. 1,172,200** Pay Order / Demand Draft or Bank Guarantee will be released after satisfactory completion of **Warranty Period of 3 years / maintenance Period.**
 - c. **@5% Performance Security of (Items # 14 & 15) Rs. 98,500** Pay Order / Demand Draft or Bank Guarantee will be released after satisfactory completion of **Warranty Period of 3 years and 2 Years Extended Warranty / maintenance Period.**
12. **PART SUPPLY / PART PAYMENT:** Allowed.
- 12.1 Note: - It should be mentioned on the Delivery Note 1st Supply, 2nd Supply and Final Supply & on Invoice / Bill that this is 1st Bill, 2nd Bill and in the last supply Final Bill) else in delay of payment the firm will be held responsible.
13. **SPECIAL INSTRUCTION:** The Inspection Authority reserves the right to get any or all stores supplied against this Contract; tested by any respective Testing Laboratory/authority at the purchaser's discretion, before or after the acceptance of stores.
- 14.1 All the supplies must be completed within the stipulated delivery period in case of failure; purchaser reserves the right to forfeit the security deposit and purchase the stores from any other sources on risk and expenses of Contractor without any notice.
- 14.2 The stores if found damaged shall be replaced by Contractor free of cost.
- 14.3 Sub-Standard items if supplied will not be returned and Contractor will be required to supply the stores of the contracted specification and of standard quality in addition to the same without any additional expenses to the Government.
14. The Contractor / Manufacturer should ensure the supply of quality stores.
15. **USE OF CONTRACT DOCUMENTS AND INFORMATION:**
- a) The Contractor shall not without the Procuring Agency's prior written consent, disclose the Contract, or any provision thereof, or any specification, plan, drawing, pattern; sample, or information furnished by or on behalf of the Procuring Agency in connection there with, to any person other than a person employed by the Contractor in the performance of the Contract. Disclosure to such employed person shall be made in confidence and shall extend only, as far as may be necessary, to such performance and not further or otherwise.
 - b) Any document, other than the Contract itself, shall remain the property of the Procuring Agency and shall be returned (all copies) on completion of the Contractor's performance under the Contract.
 - c) The Contractor shall permit the Procuring Agency to inspect the Contractor's accounts and records relating to the performance of the Supplies.



16. **PATENT RIGHTS:** The Contractor shall indemnify the Procuring Agency against all third- party claims of infringement of patent, trademark, or industrial design rights arising from use of the Goods or any part thereof in the country.

17. **ENSURING STORAGE ARRANGEMENTS:** To ensure storage arrangements for the intended supplies, the Contractor shall inform the Procuring Agency at least two weeks prior to the arrival of the consignments at its store/warehouse. However, in case no space is available at its store/warehouse at the time of supply, the Procuring Agency shall, seven days prior to such a situation, inform the Contractor, in writing, of the possible time-frame of availability of space by which the supplies could be made. In case the Contractor abides by the given time frame, he will not be penalized for delay.

18. INSPECTIONS, TESTS AND TRAINING:

- d) The Procuring Agency or its representative shall have the right to inspect and/or test the goods to confirm their conformity to the Contract specifications at the cost payable by the Contractor.
- e) The Procuring Agency's right to inspect, test and, where necessary, reject the goods either at Contractor's premises or upon arrival at Procuring Agency's destinations shall in no way be limited or waived by reasons of the goods having previously been inspected, tested, and approved by the Procuring Agency or its representative prior to the goods shipment from the manufacturing point.
- f) Contractor shall provide the training to the designated staff of the SMBB Institute of Trauma, Karachi for the smooth operation of the equipment / instruments. Training plan should be attached with the offer.

19. **DELIVERY AND DOCUMENTS:** The Contractor shall in accordance with the terms specified in the Schedule of Requirements make delivery of the goods.

20. **INSURANCE:** The goods supplied under the Contract shall be delivered to the Procuring Agency after the payment of all taxes and customs duty, cess, octroi charges etc. Risk will be transferred to the Procuring Agency only after the delivery of these goods has been made to the Procuring Agency. Hence, payment of insurance premium, if any, shall be the responsibility of the Contractor.

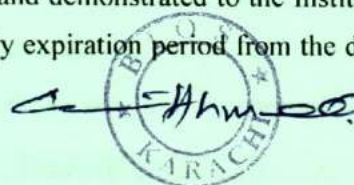
21. TRANSPORTATION:

- 21.1 The Contractor shall arrange such transportation of the goods as is required to prevent them from damage or deterioration during transit to their final destination as indicated in the Schedule of Requirements.
- 21.2 The goods shall be supplied on "D.D.P" Basis at SMBB Institute of Trauma, Karachi Store Department as per Schedule of Requirements on the risk and cost of the Contractor. Transportation including loading / unloading of goods shall be the responsibility of Contractor.

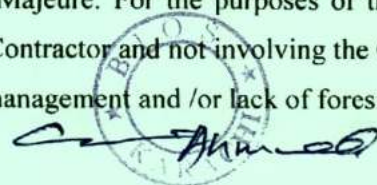
22. **INCIDENTAL SERVICES:** The Contractor will be required to provide to the Procuring Agency incidental services the cost of which should be included in the total bid price.

23. WARRANTY / GUARANTEE:

- 23.1 The term period of warranty / guarantee (mentioned in items specification individually) from the date on which the Stores have been put into operation and demonstrated to the Institute staff. In any case this period shall not exceed six months beyond the warranty expiration period from the date of taking-over of goods.



- 23.2 During the period of warranty / guarantee, the Contractor shall remedy, at his / her expense, all defects in design, materials, and workmanship that may develop or are revealed under normal use of the goods upon receiving written notice from the Institute; the notice shall indicate in what respect the goods are faulty.
- 23.3 The provisions of this Clause include all the expenses that the Contractor may have to incur for delivery and installation of such replacement parts, material and equipment as are needed for satisfactory operation of the goods at the SMBB Institute of Trauma, Karachi premises.
- 23.4 The contractor shall provide warranty / guarantee for supply of Machinery / Equipment etc. for at least 05 years (where applicable).
- 23.5 **The Contractor shall separately quote the price of service contract inclusive of parts as well as excluding the parts for 5 years (post warranty / guarantee period) in term of %age for total contract value.**
- 23.6 In case of consumable items, kits, chemicals, films etc. the contractor shall remain responsible for specificity, efficacy & sensitivity with maximum period of expiry as much allowed by manufacturer.
- 23.7 The Procuring Agency shall promptly notify the Contractor in writing of any claims arising out of this warranty.
24. **ASSIGNMENT:** The Contractor shall not assign, in whole or in part, its obligations to perform to another party under this Contract, except with the Procuring Agency's prior written consent.
25. **DELAYS IN THE CONTRACTOR'S PERFORMANCE:** Delivery of the goods shall be made by the Contractor in accordance with the time schedule prescribed by the Procuring Agency in the Schedule of Requirements
- 25.1 If at any time in the course of performance of the Contract, the Contractor encounters anything impeding timely delivery of the goods, he shall promptly notify the Procuring Agency in writing of the causes of delay and its likely duration. As soon as practicable, after receipt of the Contractor's notice, the Procuring Agency shall evaluate the situation and may, depending on merits of the situation, extend the Contractor's time for performance, with or without liquidated damages, in which case the extension shall be ratified by the Parties by a supplementary Contract to be treated as an addendum to the original contract.
- 25.2 Any undue delay by the Contractor in the performance of its delivery obligations shall render it liable to the imposition of liquidated damages.
26. **TERMINATION FOR DEFAULT:** The Procuring Agency may, without prejudice to any other remedy for breach of Contract, by a written notice of default sent to the Contractor, terminate this Contract in whole or in part if:
- 26.1 the Contractor fails to deliver any or all installments of the goods within the period(s) specified in the Contract, or within any extension thereof granted by the Procuring Agency;
- 26.2 the Contractor fails to perform any other obligation(s) under the Contract to the satisfaction of the Procuring Agency; and
- 26.3 The Contractor, in the judgment of the Procuring Agency, has engaged itself in corrupt or fraudulent practices before or after executing the Contract.
27. **FORCE MAJEURE:** The Contractor shall not be liable for forfeiture of its Performance Guaranty/ Bid Security, or termination / blacklisting for default if and to the extent that this delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure. For the purposes of this Clause Force Majeure means an act of God or an event beyond the control of the Contractor and not involving the Contractor's fault or negligence directly or indirectly purporting to mal-planning, mismanagement and /or lack of foresight to handle the



situation. Such events may include but are not restricted to acts of the Procuring Agency in its sovereign capacity, wars or revolutions, fires, floods, earthquakes, strikes, epidemics, quarantine restrictions and freight embargoes. If a Force Majeure situation arises, the Contractor shall promptly notify the Procuring Agency in writing with sufficient and valid evidence of such condition and the cause thereof. The Committee, constituted for redressing grievances, will examine the pros and cons of the case and all reasonable alternative means for completion of purchase order under the Contract and will submit its recommendations to the competent authority. However, unless otherwise directed by the Procuring Agency in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical and shall seek reasonable' alternative means for performance not prevented by the Force Majeure event.

28. TERMINATION FOR INSOLVENCY: The Procuring Agency may at any time terminate the Contract by giving written notice of one-month time to the Contractor if the Contractor becomes bankrupt or otherwise insolvent. In that event, termination will be without compensation to the Contractor, provided that such termination will not prejudice or affect any right or remedy which has accrued or will accrue thereafter to the Parties.

29. ARBITRATION AND RESOLUTION OF DISPUTES:

29.1 The Procuring Agency and the Contractor shall make every effort to resolve amicably by direct informal negotiations any disagreement or dispute arising between them under or in connection with the Contract.

29.2 If, after thirty (30) days from the commencement of such informal negotiations, the Procuring Agency and the Contractor have been unable to resolve amicably a Contract dispute, either party may require that the dispute be referred to the Arbitrator for resolution through arbitration.

29.3 In case of any dispute concerning the interpretation and/or application of this Contract is to be settled through arbitration, the arbitrator to be appointed with the approval of the Institute's BOG. The decisions taken and/or award given by the sole arbitrator shall be final and binding on the Parties.

30. PACKING:

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

30.2 The packing, marking, and documentation within and outside the packages shall comply strictly with such special requirements as shall be expressly provided for in the Contract, including additional requirements.

31. GOVERNING LANGUAGE: The Contract shall be written in English language. All correspondence and other documents pertaining to the Contract, which are exchanged by the Parties, shall be written in English.

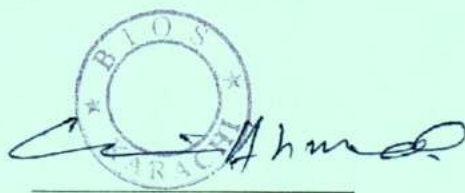
32. APPLICABLE LAW: This Contract shall be governed by the laws of Pakistan and the courts of Karachi - Pakistan shall have exclusive jurisdiction.



33. Contractor offering radiology equipment failing under compliance with Pakistan Nuclear Regulatory Authority (PNRA) should be registered with the authority to install and commission. All expense / fees for PNRA for clearance of X-ray based equipment shall be borne by the supplier (where applicable).
34. UPS / Power protection for the equipment shall be incorporated in the systems and also included in bid amount (where applicable).
35. All the civil works and allied services will be carried-out by the Contractor with the consultation of the Procuring Agency (if required) cost of all types of works included in bid amount.
36. All site-specific work to be required in the system viz. Lead Glass / special antistatic flooring, environment control / radiation protection must be included Contractor quote (where applicable).
37. Stamp duty @0.35% of ordered amount shall be paid through E-stamp duty (www.estamps.gos.pk) and the paid receipt and agreement should have to be submitted to the Procurement department (SMBB-IT), Karachi.
38. **SHELF LIFE REQUIRED:** No supply will be accepted having expiry date less than 70% of shelf life for the National manufacturer and 70% for imported items (**Wherever applicable**).
39. Documents showing any set of exemption from duty taxes should also be attached with the bills.
40. Carpenter and civil work for the physiotherapy and rehabilitation department will be as per the proposed diagram and pictorial map. Furthermore, any other work or modification in the suggested map will be through mutual understanding between the supplier and purchaser.

IN WITNESS WHEREOF the parties hereto have caused this Contract Agreement in accordance with their respective hands and seals, the day, month and the year first above written.

Signature of the Contractor



(Seal)

Signature of the Purchaser



(Seal)

Signed, Sealed and Delivered in the presence of:

Witness:



(Name, Title and Address)

Witness:



(Name, Title and Address)