



SHAHEED MOHTARMA BENAZIR BHUTTO  
INSTITUTE OF TRAUMA, KARACHI

No. PROC/SMBBIT/2022-23/511  
Dated: March 10, 2023

LETTER OF ACCEPTANCE

M/s. BENCHMARK CORPORATION,  
A-706, Saima Trade Tower,  
I.I. Chundrigar Road,  
Karachi, Pakistan

Subject: **LETTER OF ACCEPTANCE FOR PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES**  
**NIT NO: PROC/SMBBIT/2022-23/409 (Dated:06-02-2023),**  
**Ref no: PROC/SMBBIT/(P&M-04)/2022-23**

- A. Notice Inviting Tender issued in respect of "PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES" to be supplied during the Financial Year 2022-23.
- B. The said Bid (Single Stage – One Envelope Procedure Basis) submitted on 02nd-March-2023, by your firm.
- C. Meeting of Procurement Committee of SMBB Institute of Trauma, Karachi was held on 02nd-March-2023, to open tender **PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES** as against each item(s).
- D. Procurement Committee of SMBB Institute of Trauma has evaluated the bid submitted by participant in detail and is pleased to inform you that you have been selected as the "Preferred Bidder" 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 #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
		<b>SECTION E: ASSET NAME: VACUUM PUMP MODEL # E400.2 MV SERIAL # 1400188</b>					
1	1	Hydraulic Transmission / Oil Filter	(4011558712105) 93x62x71 3/4-16 UNF	4	Nos.	10,000.00	40,000.00
2	2	Lubrication Oil (Vacuum Pump Oil)	Caltex 68	208	ltr.	1,875.00	390,000.00
3	4	Oil Mist Filter	-	12	Nos.	12,500.00	150,000.00
4	5	MCB Breaker (Schneider) 3-Pole	25A	2	Nos.	35,700.00	71,400.00
5	6	Contactore 3-Pole	LC1D18	6	Nos.	13,000.00	78,000.00
6	7	Timer	230V, (TA23) 50HZ, (KRONOS)	2	Nos.	51,560.00	103,120.00
7	8	Timer	TS60 120 VDC Switch depth behind plate: 2-1/4"	2	Nos.	56,400.00	112,800.00
8	9	Timer	Switch time repeatable +/- 10%	2		30,000.00	60,000.00
9	10	Phase Voltage	ENITHPHEH	1	Nos.	37,500.00	37,500.00
10	11	Overload 3-Pole	LRD 21 Schneider	2	Nos.	10,500.00	21,000.00
11	12	Breaker (Schneider) Single Pole	10A Schneider	8	Nos.	2,000.00	16,000.00
12	13	Selector Switch	2-Way Selector 10A (TS-EN60947-3), CE (IEC 609*47-3)	2	Nos.	5,500.00	11,000.00
13	14	Selector Switch	ABB (ON/OFF) (OT63F3)	1	Nos.	5,875.00	5,875.00
14	15	Fuse	50A, 500AC (ELMARK)	3	Nos.	375.00	1,125.00
15	16	DATA Cable 000786	PVC80C 300V	5	meter	6,250.00	31,250.00
		<b>SECTION F: ASSET NAME: 75KW COMPAIR COMPRESSOR MODEL # L80</b>					
16	1	MLS Drive	MLS SCWG4000-120	4	Nos.	105,000.00	420,000.00
17	2	Drive Cell (Lithium Battery)	CR2450 3V	12	Nos.	875.00	10,500.00
18	3	Multi-Purpose Grease	SCWG4000-120 COMPAIR MLS GREASE 120	2	Kg.	3,750.00	7,500.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
19	4	MCB Card (HMI)		2	Nos.	875,000.00	1,750,000.00
20	5	Jaw Coupling Rotex	100005644 55 St	2	Nos.	68,750.00	137,500.00
21	6	Contactor	3RT5054-1AP36 220V	2	Nos.	121,250.00	242,500.00
22	7	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.	113,750.00	227,500.00
23	8	Pneumatic Pipe Transparent	8mm -40 C to + 80 C 18-32 bar	60	meter.	937.50	56,250.00
24	9	Pneumatic Pipe Transparent	4mm -40 C to + 80 C 18-32 bar	60	meter.	800.00	48,000.00
25	10	Pneumatic Pipe Transparent	6mm -40 C to + 80 C 18-32 bar	60	meter.	850.00	51,000.00
26	11	Flexible temperature sensors	(Danfoss) MBT 3270	2	Nos.	62,500.00	125,000.00
27	12	Oil Level Indicator Glass	Transparent	2	Nos.	1,750.00	3,500.00
28	13	Solenoid Valve	6014 C 1/16 FKM BR 00463880 232PSI	2	Nos.	62,500.00	125,000.00
29	14	O-Ring	2mm	250	Nos.	15.00	3,750.00
30	15	O-Ring	8mm	250	Nos.	30.00	7,500.00
31	16	O-Ring	10mm	250	Nos.	40.00	10,000.00
32	17	O-Ring	12mm	250	Nos.	50.00	12,500.00
33	18	O-Ring	30 Size	1	Ket	11,250.00	11,250.00
34	19	Socket (With Washer, Nut & Screw)	13A 250V	100	Nos.	3,000.00	300,000.00
35	20	Pneumatic Pipe	4mm	100	meter.	625.00	62,500.00
36	21	Quick Fitting (SS) connector	1/8"x 4mm	60	Nos.	312.50	18,750.00
37	22	Quick Fitting (SS) L-Bow	3/8" x 8mm	80	Nos.	412.50	33,000.00
38	23	Quick Fitting L-Bow (Two Side)	4mm x 4mm	60	Nos.	337.50	20,250.00
39	24	Quick Fitting (SS) connector	1/4" x 8mm	60	Nos.	362.50	21,750.00
40	25	Quick Fitting (SS) Connector	1/8"x 8mm	60	Nos.	325.00	19,500.00
41	26	HMI DELCOSE XL-L	ZS1057856	2	Nos.	1,062,500.00	2,125,000.00
42	27	Emergency Switch	A030750 IDEC 631 AVW	2	Nos.	8,750.00	17,500.00
43	28	MCB Breaker Single Pole	5SJ61-C1 230/400V	2	Nos.	1,377.50	2,755.00
44	29	MCB Breaker 2-Pole	5SJ72-6A 400V 6A	2	Nos.	1,592.50	3,185.00
45	30	Breaker	690V, 63A, 3VU1340, 1MK00	2	Nos.	8,000.00	16,000.00
46	31	Contactor 3-Pole	3RT6023-1AL20 AC 230 V 50/60 HZ AC3 4 kW 400 V	2	Nos.	39,250.00	78,500.00
47	32	Contactor 3-Pole	3RH5921-1EA11, 2-pole	2	Nos.	39,750.00	79,500.00
48	33	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.	113,750.00	227,500.00
49	34	Main Contactor	3RT5054-1...6 140A 600V	4	Nos.	239,500.00	958,000.00

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S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
		<b>SECTION G: ASSET NAME: REFRIGERATION DRYER MODEL # DC1350AX SERIAL # 134/22229/01</b>					
50	1	Direct Acting Solenoid Valve	740-00-555 230V 50-60hz 3/8" #13H53	2	Nos.	56,250.00	112,500.00
51	2	PCB Card	-	1	Nos.	437,500.00	437,500.00
52	3	Electronic Condense drain	ECD 15B 230V	8	Nos.	131,250.00	1,050,000.00
		<b>SECTION H: ASSET NAME: AIR COMPRESSOR (HITACHI) MODEL # 11OP-8.5CGA SERIAL # TG32080</b>					
53	1	V-Belt	B-108 (Oil & Heat)	12	Nos.	3,125.00	37,500.00
54	2	HMI	DOP-B07S411	1	Nos.	162,500.00	162,500.00
55	3	Inverter	-	2	Nos.	555,000.00	1,110,000.00
56	4	Exhaust Fan	6X6 AC 220/240	4	Nos.	13,750.00	55,000.00
57	5	Push Button Switch	ZB2-BE102C AC220/240	4	Nos.	6,250.00	25,000.00
58	6	Breaker (Schneider)	C6 220/240 Single Pole	8	Nos.	6,250.00	50,000.00
59	7	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.	6,250.00	25,000.00
60	8	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.	6,250.00	25,000.00
61	9	Contactor	40A 3-Pole	4	Nos.	26,625.00	106,500.00
62	10	Power Supply (TRACO POWER)	TSL-030-124	2	Nos.	112,500.00	225,000.00
63	11	Delta PLC MODULE	DVP-32EH	1	Nos.	43,750.00	43,750.00
64	12	Electromagnetic Relay	24VDC 2-Pole	5	Nos.	20,000.00	100,000.00
		<b>SECTION I: ASSET NAME: AIR RESERVOIR</b>					
65	1	Ball Valve (SS) DN25	1" Ketz 316	4	Nos.	6,875.00	27,500.00
67	2	2way Solenoid Valve	1/4" (UD-8) UNI-D	4	Nos.	56,250.00	225,000.00
69	3	Pressure Gauge	0-100 kPa	4	Nos.	30,000.00	120,000.00
71	4	Pressure Switch	0-7.5 Bar	4	Nos.	18,750.00	75,000.00
73	5	Pneumatic Pipe	6mm -40 C to + 80 C 18-32 bar	100	meter	687.50	68,750.00
75	6	Pneumatic Pipe	4mm -40 C to + 80 C 18-32 bar	100	meter	550.00	55,000.00
77	7	Ball Valve (SS) DN15	1/2" Ketz 316	4	Nos.	5,625.00	22,500.00
79	8	Pressure Gauge	0-150 PSI	8	Nos.	16,250.00	130,000.00
81	9	Direct Acting Small NC Magnetic Valves	1/4" 2W-025-08 AC 220V	4	Nos.	31,250.00	125,000.00



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		<b>SECTION J: ASSET NAME: DUPLEX AGSS (DISPOSAL SYSTEM)</b>					
82	1	Blower with Motor (BUSCH)	1.5 KW, 205HP, 2800RPM	2	Nos.	68,750.00	137,500.00
83	2	Bearing	6205Z	4	Nos.	1,875.00	7,500.00
84	3	Oil Seal	FP-36 (30 42 07)	6	Nos.	1,125.00	6,750.00
		<b>SECTION K: ASSET NAME: BOOSTER PUMP</b>					
85	1	LED Panel	Simatic Panel Touch-KTP600 Basic PN Mono(6AV6 647-0 AB11-3AX0)	2	Nos.	562,500.00	1,125,000.00
86	2	Power Supply (AB) Quality Allen Bradley	1606-XLE 120EE, AC-200/240 Volt/DC24V/5A	2	Nos.	244,500.00	489,000.00
87	3	Relay	Comat Swiss-DC24V	3	Nos.	4,500.00	13,500.00
88	4	Contactor 3-Pole	AB K40E	2	Nos.	38,765.00	77,530.00
89	5	Contactor 3-Pole	AB K05	2	Nos.	39,007.50	78,015.00
90	6	Module (Siemens)	S7-1200	2	Nos.	287,500.00	575,000.00
91	7	Overload 3-Pole	3ZX1012-0RW40-2DA1	2	Nos.	245,000.00	490,000.00
92	8	Breaker 3-Pole	AB-140M-C2T	2	Nos.	45,000.00	90,000.00
93	9	Breaker 3-Pole	NCN 316	2	Nos.	6,375.00	12,750.00
94	10	Breaker 1/2 Pole	NCN 013 C13	2	Nos.	6,875.00	13,750.00
95	11	ON/OFF Switch Schneider	IEC/EN 60947-3,25A,15KW	2	Nos.	3,750.00	7,500.00
96	12	Module Part	Simatic S7-1200, S-ZVDNYAN015589/SM-1231-A1	4	Nos.	264,437.50	1,057,750.00
		<b>SECTION L: TOOLS FOR MECHANICAL WORKSHOP</b>					
97	1	Pedestal Drill Machine	Frequency: 50/60 Hz Distance Between Center of Spindle to Column Front: 200 mm Drilling Capacity In Steel: 20 mm Feed: Hand Max Distance Between Spindle to Base: 600 mm Max Distance Between Spindle to Table: 300 mm	1	Nos.	114,500.00	114,500.00
98	2	Pedestal Grinding Machine	Power Consumption 0.75 hp Phase 3 Phase Voltage 415V Speed 3000 RPM Wheel Diameter 200 mm	1	Nos.	43,750.00	43,750.00
99	3	Heavy Grinder	7" Angel Grinder	1	Nos.	56,250.00	56,250.00
100	4	Baby Grinder	4" Angel Grinder	1	Nos.	42,500.00	42,500.00
101	5	LT Drill machine	-	1	Nos.	45,000.00	45,000.00
102	6	Electric Drill Machine	-	1	Nos.	30,000.00	30,000.00
103	7	Table Vice 24"	-	1	Nos.	20,000.00	20,000.00
104	8	Table Vice Pipe Holding	-	1	Nos.	13,625.00	13,625.00
105	9	Mini Table Vice 6"	-	1	Nos.	11,250.00	11,250.00



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106	10	Portable Welding Plant	130A Welding Machine, 3 in 1 Combo MMA/MIG/LIFT TIG Welder Machine, Flux Core Welder, MIG-130	1	Nos.	74,625.00	74,625.00
107	11	LT Drill Machine	26mm Hammer Hilty/ Drill Machine - With Box	1	Nos.	45,000.00	45,000.00
108	12	Electric Drill Machine	Electric Drill Machine 10mm	1	Nos.	30,000.00	30,000.00
109	13	Table Vice	Heavy Duty 12"/300mm	1	Nos.	19,625.00	19,625.00
110	14	Table Vice Pipe Holding	2x 1/2"	1	Nos.	13,625.00	13,625.00
111	15	Mini Table Vice	Mini Bench Vice Clamp 4"	1	Nos.	9,500.00	9,500.00
112	16	Rivet Gun With Pins	-	1	Nos.	3,750.00	3,750.00
113	17	Mini Bend saw Machine	Light Duty	1	Nos.	36,250.00	36,250.00
114	18	Electric Blower	-	1	Nos.	17,125.00	17,125.00
		<b>SECTION M: 500 KG ELECTRIC BOILER PARTS / CONSUMABLES</b>					
115	1	Heater with Flange 6PCD	316SS, HS, 380V, 24KW, (15,9,60) (LWH)	9	Nos.	70,000.00	630,000.00
116	2	Teflon Sheet	5mm, 50" x 50"	2	Nos.	12,500.00	25,000.00
117	3	Stainless Steel Bolt	12 x 30 x 1.75	100	Nos.	437.50	43,750.00
118	4	AC Contactor	AC Contactor, 20A	4	Nos.	5,750.00	23,000.00
119	5	AC Fan	12V, 6" x 6"	4	Nos.	7,500.00	30,000.00
120	6	Ampere Meter	0 - 400	2	Nos.	30,000.00	60,000.00
121	7	Volt Meter	0 - 450	2	Nos.	35,000.00	70,000.00
122	8	Heat Proof Cable	8mm	20	Meter	1,000.00	20,000.00
123	9	Emergency Switch	No / NC	4	Nos.	6,330.00	25,320.00
124	10	Push Button	Yellow	2	Nos.	1,125.00	2,250.00
125	11	Push Button	Green	2	Nos.	1,125.00	2,250.00
126	12	Push Button	Red	2	Nos.	1,125.00	2,250.00
127	13	OCR	3A, 380V	2	Nos.	42,500.00	85,000.00
128	14	Indication Light	Yellow	2	Nos.	1,125.00	2,250.00
129	15	Indication Light	Green	2	Nos.	1,125.00	2,250.00
130	16	Indication Light	Red	2	Nos.	1,125.00	2,250.00
131	17	Relay	3A, 250V, Omron MY2N - J	2	Nos.	4,500.00	9,000.00
132	18	HCL	-	20	Ltr.	625.00	12,500.00
133	19	Cable Tie	16"	2	Packet	1,050.00	2,100.00
134	20	Insulation Tape	Red, Blue, Green	5	Each	137.50	687.50



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
		<b>SECTION N: OXYGEN GENERATION PLANT ROOM TOOLS FOR DEPARTMENT</b>					
135	1	Measuring Tape	10 Meter	3	Nos.	2,000.00	6,000.00
136	2	Screw Driver	(+ , -)	3	Set.	8,125.00	24,375.00
137	3	Screw Driver	Hammer Type (+ , -)	2	Set.	12,500.00	25,000.00
138	4	Oil Cane	-	5	Nos.	1,125.00	5,625.00
139	5	Ring Spanner (Taparia)	6 – 32mm	2	Set.	9,250.00	18,500.00
140	6	Box Spanner (Taparia(=)	6 – 32mm	2	Set.	10,500.00	21,000.00
141	7	Combination Wrench (Force 5191C)	6 – 32mm	1	Set.	12,500.00	12,500.00
142	8	Adjustable Spanner	6"	4	Nos.	1,750.00	7,000.00
143	9	Adjustable Spanner	12"	4	Nos.	2,250.00	9,000.00
144	10	Allen Wrench (Short Type)	(TEKTON)	3	Set.	3,000.00	9,000.00
145	11	Adjustable Screw Wrench	(TOPTUL) 10"	4	Nos.	2,250.00	9,000.00
146	12	Combination Pliers (Taparia)	8"	3	Nos.	1,500.00	4,500.00
147	13	Pipe Wrench (Forged)	6"	3	Nos.	2,000.00	6,000.00
148	14	Pipe Wrench (Forged)	24"	3	Nos.	4,500.00	13,500.00
149	15	Pipe Wrench (Forged)	36"	2	Nos.	12,000.00	24,000.00
150	16	Pipe Wrench (Forged)	18"	2	Nos.	9,000.00	18,000.00
151	17	Cutting Plier (Taparia)	6"	5	Nos.	1,750.00	8,750.00
152	18	Long Nose Plier (Taparia)	-	5	Nos.	1,250.00	6,250.00
153	19	O – Ring Kit Box	30 Size	2	Kit	9,250.00	18,500.00
154	20	Electric Heat Gun	-	2	Nos.	15,000.00	30,000.00
155	21	Hose Pipe	8mm	100	Meter	187.50	18,750.00
156	22	Star L – N Key	-	3	Set	3,000.00	9,000.00
157	23	Multi Meter (Digital)	Voltage DC + - (0.09% + 2), Max Res 0.mv, Max 1000V	2	Nos.	30,000.00	60,000.00
158	24	Clamp Meter	AC – 4A / 400A, DC – 600V	2	Nos.	20,000.00	40,000.00
159	25	Megger Meter	50V, 100V, 250V, 500V, 1000V	2	Nos.	22,500.00	45,000.00
160	26	Flat Screw Driver	Complete	1	Set	3,250.00	3,250.00
161	27	Philip Screw Driver	Complete	1	Set	3,750.00	3,750.00
162	28	Sata Electrical Tool	Complete	1	Set	13,750.00	13,750.00
163	29	Plier	Complete	1	Set	4,250.00	4,250.00
164	30	Cutter Plier	-	2	Nos.	3,500.00	7,000.00
165	31	Nose Plier	-	2	Nos.	2,500.00	5,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
166	32	Grp Plier	-	4	Nos.	1,500.00	6,000.00
167	33	Knife Cutter	-	5	Nos.	625.00	3,125.00
168	34	Soldering Iron	-	3	Nos.	7,500.00	22,500.00
169	35	Welding Face Shield	-	2	Nos.	10,000.00	20,000.00
170	36	Belt Spanner	9" Belt Type Oil Filter Wrench	3	Nos.	2,250.00	6,750.00
171	37	Chain Spanner	Chain Wrench Filter 9"	4	Nos.	3,000.00	12,000.00
172	38	Hammer	2 - 4 Pond	4	Nos.	1,950.00	7,800.00
173	39	Bearing Puller	Complete	2	Set	7,500.00	15,000.00
174	40	Gasket Cutter	-	3	Nos.	4,250.00	12,750.00
175	41	Meter Sheet Cutter	-	2	Nos.	17,500.00	35,000.00
176	42	C - Clamp	3", 4", 5", 7", 9"	2	Set.	22,500.00	45,000.00
177	43	Hand Tap with Handel	4mm	2	Set.	3,750.00	7,500.00
178	44	Hand Tap	5mm	2	Set.	4,250.00	8,500.00
179	45	Hand Tap	6mm	2	Set.	4,750.00	9,500.00
180	46	Hand Tap	8mm	2	Set.	5,250.00	10,500.00
181	47	Hand Tap	10mm	2	Set.	5,750.00	11,500.00
182	48	Hand Tap	12mm	2	Set.	6,750.00	13,500.00
183	49	Drill Bit - HSS - G	1 - 13mm	2	Set.	3,500.00	7,000.00
<b>Total</b>							<b>19,373,963</b>

**Amount in word: Rupees Nineteen Million Three Hundred Seventy Three Thousand Nine Hundred Sixty Three Only.**

- 1 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".
- 2 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.
- 3 If agreed, Form of Contract on Non-Judicial Stamp Paper will be submitted (As per Terms and conditions)
- 4 **SECURITY DEPOSIT: @10% Security Deposit (Performance Security) of Rs. 1,937,400/-** in the shape 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), which will be released Clause # 2 of bidding document. (Terms & Conditions of bidding document).
- 5 **Stamp duty @0.35%** of ordered amount shall be paid through E-stamp duty ([www.estamps.gos.pk](http://www.estamps.gos.pk)) and the paid receipt and agreement should have to be submitted to the Procurement department (SMBB-IT).
- 6 Documents showing any set of exemption from duty taxes should also attached with the bills.
- 7 Delivery of above mentioned items within the period of One month. If it fails to deliver, 0.03% 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.

*[Signature]*

*[Signature]*  
EXECUTIVE DIRECTOR / DDO  
SMBB INSTITUTE OF TRAUMA, KARACHI

Copy to:-

- The Director (A&F) SPPRA with reference to SPPRA PPMS ID T00518-22-0005 & Evaluation Report # BE00518-22-0005-4
- Accounts & Finance Department, SMBB Institute of Trauma.

*[Signature]*  
EXECUTIVE DIRECTOR / DDO  
SMBB INSTITUTE OF TRAUMA, KARACHI





SHAHEED MOHTARMA BENAZIR BHUTTO  
INSTITUTE OF TRAUMA, KARACHI

No. PROC/SMBBIT/2022-23/534  
Dated: March 20, 2023

AWARD OF TENDER (A.O.T)

M/s. BENCHMARK CORPORATION,  
A-706, Saima Trade Tower,  
I.I. Chundrigar Road,  
Karachi, Pakistan

**Sub: PROCUREMENT OF GENERAL ITEMS & MACHINERY PARTS & CONSUMABLES  
FOR (CFY 2022-23)**

1	Reference to our subject tender Dated: 02-03-2023 and letter of Acceptance Ref # PROC/SMBBIT/2022-23/511, Dated: 10-march-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 #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
		SECTION E: ASSET NAME: VACUUM PUMP MODEL # E400.2 MV SERIAL # 1400188					
1	1	Hydraulic Transmission / Oil Filter	(4011558712105) 93x62x71 3/4-16 UNF	4	Nos.	10,000.00	40,000.00
2	2	Lubrication Oil (Vacuum Pump Oil)	Caltex 68	208	ltr.	1,875.00	390,000.00
3	4	Oil Mist Filter	-	12	Nos.	12,500.00	150,000.00
4	5	MCB Breaker (Schneider) 3-Pole	25A	2	Nos.	35,700.00	71,400.00
5	6	Contactore 3-Pole	LC1D18	6	Nos.	13,000.00	78,000.00
6	7	Timer	230V, (TA23) 50HZ, (KRONOS)	2	Nos.	51,560.00	103,120.00
7	8	Timer	TS60 120 VDC Switch depth behind plate: 2-1/4"	2	Nos.	56,400.00	112,800.00
8	9	Timer	Switch time repeatable +/- 10%	2		30,000.00	60,000.00
9	10	Phase Voltage	ENITHPIEH	1	Nos.	37,500.00	37,500.00
10	11	Overload 3-Pole	LRD 21 Schneider	2	Nos.	10,500.00	21,000.00
11	12	Breaker (Schneider) Single Pole	10A Schneider	8	Nos.	2,000.00	16,000.00

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S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
12	13	Selector Switch	2-Way Selector 10A (TS-EN60947-3), CE (IEC 609*47-3)	2	Nos.	5,500.00	11,000.00
13	14	Selector Switch	ABB (ON/OFF) (OT63F3)	1	Nos.	5,875.00	5,875.00
14	15	Fuse	50A, 500AC (ELMARK)	3	Nos.	375.00	1,125.00
15	16	DATA Cable 000786	PVC80C 300V	5	meter	6,250.00	31,250.00
		<b>SECTION F: ASSET NAME: 75KW COMPAIR COMPRESSOR MODEL # L80</b>					
16	1	MLS Drive	MLS SCWG4000-120	4	Nos.	105,000.00	420,000.00
17	2	Drive Cell (Lithium Battery)	CR2450 3V	12	Nos.	875.00	10,500.00
18	3	Multi-Purpose Grease	SCWG4000-120 COMPAIR MLS GREASE 120	2	Kg.	3,750.00	7,500.00
19	4	MCB Card (HMI)		2	Nos.	875,000.00	1,750,000.00
20	5	Jaw Coupling Rotex	100005644 55 St	2	Nos.	68,750.00	137,500.00
21	6	Contactor	3RT5054-1AP36 220V	2	Nos.	121,250.00	242,500.00
22	7	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.	113,750.00	227,500.00
23	8	Pneumatic Pipe Transparent	8mm -40 C to + 80 C 18~32 bar	60	meter.	937.50	56,250.00
24	9	Pneumatic Pipe Transparent	4mm -40 C to + 80 C 18~32 bar	60	meter.	800.00	48,000.00
25	10	Pneumatic Pipe Transparent	6mm -40 C to + 80 C 18~32 bar	60	meter.	850.00	51,000.00
26	11	Flexible temperature sensors	(Danfoss) MBT 3270	2	Nos.	62,500.00	125,000.00
27	12	Oil Level Indicator Glass	Transparent	2	Nos.	1,750.00	3,500.00
28	13	Solenoid Valve	6014 C 1/16 FKM BR 00463880 232PSI	2	Nos.	62,500.00	125,000.00
29	14	O-Ring	2mm	250	Nos.	15.00	3,750.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
30	15	O-Ring	8mm	250	Nos.	30.00	7,500.00
31	16	O-Ring	10mm	250	Nos.	40.00	10,000.00
32	17	O-Ring	12mm	250	Nos.	50.00	12,500.00
33	18	O-Ring	30 Size	1	Ket	11,250.00	11,250.00
34	19	Socket (With Washer, Nut & Screw)	13A 250V	100	Nos.	3,000.00	300,000.00
35	20	Pneumatic Pipe	4mm	100	meter.	625.00	62,500.00
36	21	Quick Fitting (SS) connector	1/8"x 4mm	60	Nos.	312.50	18,750.00
37	22	Quick Fitting (SS) L-Bow	3/8" x 8mm	80	Nos.	412.50	33,000.00
38	23	Quick Fitting L-Bow (Two Side)	4mm x 4mm	60	Nos.	337.50	20,250.00
39	24	Quick Fitting (SS) connector	1/4" x 8mm	60	Nos.	362.50	21,750.00
40	25	Quick Fitting (SS) Connector	1/8"x 8mm	60	Nos.	325.00	19,500.00
41	26	HMI DELCOSE XL-L	ZS1057856	2	Nos.	1,062,500.00	2,125,000.00
42	27	Emergency Switch	A030750 IDEC 631 AVW	2	Nos.	8,750.00	17,500.00
43	28	MCB Breaker Single Pole	5SJ61-C1 230/400V	2	Nos.	1,377.50	2,755.00
44	29	MCB Breaker 2-Pole	5SJ72-6A 400V 6A	2	Nos.	1,592.50	3,185.00
45	30	Breaker	690V, 63A, 3VU1340, 1MK00	2	Nos.	8,000.00	16,000.00
46	31	Contactor 3-Pole	3RT6023-1AL20 AC 230 V 50/60 HZ AC3 4 kW 400 V	2	Nos.	39,250.00	78,500.00
47	32	Contactor 3-Pole	3RII5921-1EA11, 2-pole	2	Nos.	39,750.00	79,500.00
48	33	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.	113,750.00	227,500.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
49	34	Main Contactor	3RT5054-1...6 140A 600V	4	Nos.	239,500.00	958,000.00
		SECTION G: ASSET NAME: REFRIGERATION DRYER MODEL # DC1350AX SERIAL # 134/22229/01					
50	1	Direct Acting Solenoid Valve	740-00-555 230V 50-60hz 3/8" #13H153	2	Nos.	56,250.00	112,500.00
51	2	PCB Card	-	1	Nos.	437,500.00	437,500.00
52	3	Electronic Condense drain	ECD 15B 230V	8	Nos.	131,250.00	1,050,000.00
		SECTION H: ASSET NAME: AIR COMPRESSOR (HITACHI) MODEL # 11OP-8.5CGA SERIAL # TG32080					
53	1	V-Belt	B-108 (Oil & Heat)	12	Nos.	3,125.00	37,500.00
54	2	HMI	DOP-B07S411	1	Nos.	162,500.00	162,500.00
55	3	Inverter	-	2	Nos.	555,000.00	1,110,000.00
56	4	Exhaust Fan	6X6 AC 220/240	4	Nos.	13,750.00	55,000.00
57	5	Push Button Switch	ZB2-BE102C AC220/240	4	Nos.	6,250.00	25,000.00
58	6	Breaker (Schneider)	C6 220/240 Single Pole	8	Nos.	6,250.00	50,000.00
59	7	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.	6,250.00	25,000.00
60	8	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.	6,250.00	25,000.00
61	9	Contactor	40A 3-Pole	4	Nos.	26,625.00	106,500.00
62	10	Power Supply (TRACO POWER)	TSL-030-124	2	Nos.	112,500.00	225,000.00
63	11	Delta PLC MODULE	DVP-32EH	1	Nos.	43,750.00	43,750.00
64	12	Electromagnetic Relay	24VDC 2-Pole	5	Nos.	20,000.00	100,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
		<b>SECTION I: ASSET NAME: AIR RESERVOIR</b>					
65	1	Ball Valve (SS) DN25	1" Ketz 316	4	Nos.	6,875.00	27,500.00
67	2	2way Solenoid Valve	1/4" (UD-8) UNI-D	4	Nos.	56,250.00	225,000.00
69	3	Pressure Gauge	0-100 kPa	4	Nos.	30,000.00	120,000.00
71	4	Pressure Switch	0-7.5 Bar	4	Nos.	18,750.00	75,000.00
73	5	Pneumatic Pipe	6mm -40 C to + 80 C 18-32 bar	100	meter	687.50	68,750.00
75	6	Pneumatic Pipe	4mm -40 C to + 80 C 18-32 bar	100	meter	550.00	55,000.00
77	7	Ball Valve (SS) DN15	1/2" Ketz 316	4	Nos.	5,625.00	22,500.00
79	8	Pressure Gauge	0-150 PSI	8	Nos.	16,250.00	130,000.00
81	9	Direct Acting Small NC Magnetic Valve	1/4" 2W-025-08 AC 220V	4	Nos.	31,250.00	125,000.00
		<b>SECTION J: ASSET NAME: DUPLX AGSS (DISPOSAL SYSTEM)</b>					
82	1	Blower with Motor (BUSCH)	1.5 KW, 205HP, 2800RPM	2	Nos.	68,750.00	137,500.00
83	2	Bearing	6205Z	4	Nos.	1,875.00	7,500.00
84	3	Oil Seal	FP-36 (30 42 07)	6	Nos.	1,125.00	6,750.00
		<b>SECTION K: ASSET NAME: BOOSTER PUMP</b>					
85	1	LED Panel	Simatic Panel Touch-KTP600 Basic PN Mono(6AV6 647-0 AB11-3AX0)	2	Nos.	562,500.00	1,125,000.00
86	2	Power Supply (AB) Quality Allen Brad	1606-XLE 120EE, AC-200/240 Volt/DC24V/5A	2	Nos.	244,500.00	489,000.00
87	3	Relay	Comat Swiss-DC24V	3	Nos.	4,500.00	13,500.00
88	4	Contactor 3-Pole	AB K40E	2	Nos.	38,765.00	77,530.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
89	5	Contactora 3-Pole	AB K05	2	Nos.	39,007.50	78,015.00
90	6	Module (Siemens)	S7-1200	2	Nos.	287,500.00	575,000.00
91	7	Overload 3-Pole	3ZX1012-0RW40-2DA1	2	Nos.	245,000.00	490,000.00
92	8	Breaker 3-Pole	AB-140M-C2T	2	Nos.	45,000.00	90,000.00
93	9	Breaker 3-Pole	NCN 316	2	Nos.	6,375.00	12,750.00
94	10	Breaker 1/2 Pole	NCN 013 C13	2	Nos.	6,875.00	13,750.00
95	11	ON/OFF Switch Schneider	IEC/EN 60947-3,25A,15KW	2	Nos.	3,750.00	7,500.00
96	12	Module Part	Simatic S7-1200, S-ZVDNYAN015589/SM-1231-A1	4	Nos.	264,437.50	1,057,750.00
		<b>SECTION L: TOOLS FOR MECHANICAL WORKSHOP</b>					
97	1	Pedestal Drill Machine	Frequency: 50/60 Hz Distance Between Center of Spindle to Column Front: 200 mm Drilling Capacity In Steel: 20 mm Feed: Hand Max Distance Between Spindle to Base: 600 mm Max Distance Between Spindle to Table: 300 mm	1	Nos.	114,500.00	114,500.00
98	2	Pedestal Grinding Machine	Power Consumption 0.75 hp Phase 3 Phase Voltage 415V Speed 3000 RPM Wheel Diameter 200 mm	1	Nos.	43,750.00	43,750.00
99	3	Heavy Grinder	7" Angel Grinder	1	Nos.	56,250.00	56,250.00
100	4	Baby Grinder	4" Angel Grinder	1	Nos.	42,500.00	42,500.00
101	5	LT Drill machine	-	1	Nos.	45,000.00	45,000.00
102	6	Electric Drill Machine	-	1	Nos.	30,000.00	30,000.00
103	7	Table Vice 24"	-	1	Nos.	20,000.00	20,000.00
104	8	Table Vice Pipe Holding	-	1	Nos.	13,625.00	13,625.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
105	9	Mini Table Vice 6"	-	1	Nos.	11,250.00	11,250.00
106	10	Portable Welding Plant	130A Welding Machine, 3 in 1 Combo MMA/MIG/LIFT TIG Welder Machine, Flux Core Welder, MIG-130	1	Nos.	74,625.00	74,625.00
107	11	LT Drill Machine	26mm Hammer Hilty/ Drill Machine - With Box	1	Nos.	45,000.00	45,000.00
108	12	Electric Drill Machine	Electric Drill Machine 10mm	1	Nos.	30,000.00	30,000.00
109	13	Table Vice	Heavy Duty 12"/300mm	1	Nos.	19,625.00	19,625.00
110	14	Table Vice Pipe Holding	2x 1/2"	1	Nos.	13,625.00	13,625.00
111	15	Mini Table Vice	Mini Bench Vice Clamp 4"	1	Nos.	9,500.00	9,500.00
112	16	Rivet Gun With Pins	-	1	Nos.	3,750.00	3,750.00
113	17	Mini Bend saw Machine	Light Duty	1	Nos.	36,250.00	36,250.00
114	18	Electric Blower	-	1	Nos.	17,125.00	17,125.00
		<b>SECTION M: 500 KG ELECTRIC BOILER PARTS / CONSUMABLES</b>					
115	1	Heater with Flange 6PCD	316SS, HS, 380V, 24KW, (15,9,60) (LWH)	9	Nos.	70,000.00	630,000.00
116	2	Teflon Sheet	5mm, 50" x 50"	2	Nos.	12,500.00	25,000.00
117	3	Stainless Steel Bolt	12 x 30 x 1.75	100	Nos.	437.50	43,750.00
118	4	AC Contactor	AC Contactor, 20A	4	Nos.	5,750.00	23,000.00
119	5	AC Fan	12V, 6" x 6"	4	Nos.	7,500.00	30,000.00
120	6	Ampere Meter	0 - 400	2	Nos.	30,000.00	60,000.00
121	7	Volt Meter	0 - 450	2	Nos.	35,000.00	70,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
122	8	Heat Proof Cable	8mm	20	Meter	1,000.00	20,000.00
123	9	Emergency Switch	No / NC	4	Nos.	6,330.00	25,320.00
124	10	Push Button	Yellow	2	Nos.	1,125.00	2,250.00
125	11	Push Button	Green	2	Nos.	1,125.00	2,250.00
126	12	Push Button	Red	2	Nos.	1,125.00	2,250.00
127	13	OCR	3A, 380V	2	Nos.	42,500.00	85,000.00
128	14	Indication Light	Yellow	2	Nos.	1,125.00	2,250.00
129	15	Indication Light	Green	2	Nos.	1,125.00	2,250.00
130	16	Indication Light	Red	2	Nos.	1,125.00	2,250.00
131	17	Relay	3A, 250V, Omron MY2N - J	2	Nos.	4,500.00	9,000.00
132	18	HCL	-	20	Ltr.	625.00	12,500.00
133	19	Cable Tie	16"	2	Packet	1,050.00	2,100.00
134	20	Insulation Tape	Red, Blue, Green	5	Each	137.50	687.50
		<b>SECTION N: OXYGEN GENERATION PLANT ROOM TOOLS FOR DEPARTMENT</b>					
135	1	Measuring Tape	10 Meter	3	Nos.	2,000.00	6,000.00
136	2	Screw Driver	(+ , -)	3	Set.	8,125.00	24,375.00
137	3	Screw Driver	Hammer Type (+ , -)	2	Set.	12,500.00	25,000.00
138	4	Oil Cane	-	5	Nos.	1,125.00	5,625.00
139	5	Ring Spanner (Taparia)	6 - 32mm	2	Set.	9,250.00	18,500.00

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S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
140	6	Box Spanner (Taparia(=)	6 – 32mm	2	Set.	10,500.00	21,000.00
141	7	Combination Wrench (Force 5191C)	6 – 32mm	1	Set.	12,500.00	12,500.00
142	8	Adjustable Spanner	6"	4	Nos.	1,750.00	7,000.00
143	9	Adjustable Spanner	12"	4	Nos.	2,250.00	9,000.00
144	10	Allen Wrench (Short Type)	(TEKTON)	3	Set.	3,000.00	9,000.00
145	11	Adjustable Screw Wrench	(TOPIUL) 10"	4	Nos.	2,250.00	9,000.00
146	12	Combination Pliers (Taparia)	8"	3	Nos.	1,500.00	4,500.00
147	13	Pipe Wrench (Forged)	6"	3	Nos.	2,000.00	6,000.00
148	14	Pipe Wrench (Forged)	24"	3	Nos.	4,500.00	13,500.00
149	15	Pipe Wrench (Forged)	36"	2	Nos.	12,000.00	24,000.00
150	16	Pipe Wrench (Forged)	18"	2	Nos.	9,000.00	18,000.00
151	17	Cutting Plier (Taparia)	6"	5	Nos.	1,750.00	8,750.00
152	18	Long Nose Plier (Taparia)	-	5	Nos.	1,250.00	6,250.00
153	19	O – Ring Kit Box	30 Size	2	Kit	9,250.00	18,500.00
154	20	Electric Heat Gun	-	2	Nos.	15,000.00	30,000.00
155	21	Hose Pipe	8mm	100	Meter	187.50	18,750.00
156	22	Star L – N Key	-	3	Set	3,000.00	9,000.00
157	23	Multi Meter (Digital)	Voltage DC + - (0.09% + 2), Max.Res 0.mv, Max 1000V	2	Nos.	30,000.00	60,000.00
158	24	Clamp Meter	AC – 4A / 400A, DC – 600V	2	Nos.	20,000.00	40,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
159	25	Megger Meter	50V, 100V, 250V, 500V, 1000V	2	Nos.	22,500.00	45,000.00
160	26	Flat Screw Driver	Complete	1	Set	3,250.00	3,250.00
161	27	Philip Screw Driver	Complete	1	Set	3,750.00	3,750.00
162	28	Sata Electrical Tool	Complete	1	Set	13,750.00	13,750.00
163	29	Plier	Complete	1	Set	4,250.00	4,250.00
164	30	Cutter Plier	-	2	Nos.	3,500.00	7,000.00
165	31	Nose Plier	-	2	Nos.	2,500.00	5,000.00
166	32	Grip Plier	-	4	Nos.	1,500.00	6,000.00
167	33	Knife Cutter	-	5	Nos.	625.00	3,125.00
168	34	Soldering Iron	-	3	Nos.	7,500.00	22,500.00
169	35	Welding Face Shield	-	2	Nos.	10,000.00	20,000.00
170	36	Belt Spanner	9" Belt Type Oil Filter Wrench	3	Nos.	2,250.00	6,750.00
171	37	Chain Spanner	Chain Wrench Filter 9"	4	Nos.	3,000.00	12,000.00
172	38	Hammer	2 - 4 Pond	4	Nos.	1,950.00	7,800.00
173	39	Bearing Puller	Complete	2	Set	7,500.00	15,000.00
174	40	Gasket Cutter	-	3	Nos.	4,250.00	12,750.00
175	41	Meter Sheet Cutter	-	2	Nos.	17,500.00	35,000.00
176	42	C - Clamp	3", 4", 5", 7", 9"	2	Set.	22,500.00	45,000.00
177	43	Hand Tap with Handel	4mm	2	Set.	3,750.00	7,500.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
178	44	Hand Tap	5mm	2	Set.	4,250.00	8,500.00
179	45	Hand Tap	6mm	2	Set.	4,750.00	9,500.00
180	46	Hand Tap	8mm	2	Set.	5,250.00	10,500.00
181	47	Hand Tap	10mm	2	Set.	5,750.00	11,500.00
182	48	Hand Tap	12mm	2	Set.	6,750.00	13,500.00
183	49	Drill Bit – HSS – G	1 – 13mm	2	Set.	3,500.00	7,000.00
<b>Total</b>							<b>19,373,963</b>

**Amount in word: Rupees Nineteen Million Three Hundred Seventy Three Thousand Nine Hundred Sixty Three Only.**

2	<b>Date of Delivery:</b> As per Supply Order.
3	<b>Place of Delivery:</b> SMBB Institute of Trauma, Karachi.
4	<b>Dispatch Instruction:</b> Free Delivery to the Consignee .i.e. SMBB Institute of Trauma, Karachi.
5	<b>Name and Address of the Consignee:</b> EXECUTIVE DIRECTOR - SMBB Institute of Trauma, Karachi.
6	<b>PARTICULAR GOVERNING SUPPLY:</b>
6.1	As per policy given in the bid documents.
7	<b>INSPECTION :</b>
7.1	<b>Inspection Authority:</b> Nominated Inspection Committee of SMBB-IT, Concerned Department of Supplied Items.
8	<b>PAYMENT : Through office of:</b> 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	<b>PART SUPPLY / PART PAYMENT:</b> Allowed.
9.1	Note:- It should be mentioned on the Delivery Note 1 <sup>st</sup> Supply, 2 <sup>nd</sup> Supply and Final Supply & on Invoice (Bill that this is 1 <sup>st</sup> Bill, 2 <sup>nd</sup> Bill and in the last supply Final Bill) else in delay of payment the firm will be held responsible.
10	<b>SPECIAL INSTRUCTION:</b>
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	<b>SHELF LIFE REQUIRED:</b> 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).
12	The Supplier / Manufacturer should ensure the supply of quality stores.
13	Documents showing any set of exemption from duty taxes should also be attached with the bills.

**Copy to:**

- The Director (A&F)SPPRA with reference to SPPRA PPMS ID T00518-22-0005 & Evaluation Report # BE00518-22-0005-4
- Store Incharge, SMBB Institute of Trauma, Karachi
- Accounts & Finance Department, SMBB Institute of Trauma, Karachi

  
**EXECUTIVE DIRECTOR / D.D.O**  
SMBB INSTITUTE OF TRAUMA

  
**EXECUTIVE DIRECTOR / D.D.O**  
SMBB INSTITUTE OF TRAUMA







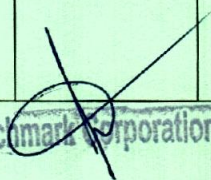
S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
2	2	Lubrication Oil (Vacuum Pump Oil)	Caltex 68	208	ltr.	1,875.00	390,000.00
3	4	Oil Mist Filter	-	12	Nos.	12,500.00	150,000.00
4	5	MCB Breaker (Schneider) 3-Pole	25A	2	Nos.	35,700.00	71,400.00
5	6	Contactor 3-Pole	LC1D18	6	Nos.	13,000.00	78,000.00
6	7	Timer	230V, (TA23) 50HZ, (KRONOS)	2	Nos.	51,560.00	103,120.00
7	8	Timer	TS60 120 VDC Switch depth behind plate: 2-1/4"	2	Nos.	56,400.00	112,800.00
8	9	Timer	Switch time repeatable +/- 10%	2		30,000.00	60,000.00
9	10	Phase Voltage	ENITHPHEH	1	Nos.	37,500.00	37,500.00
10	11	Overload 3-Pole	LRD 21 Schneider	2	Nos.	10,500.00	21,000.00
11	12	Breaker (Schneider) Single Pole	10A Schneider	8	Nos.	2,000.00	16,000.00
12	13	Selector Switch	2-Way Selector 10A (TS-EN60947-3), CE (IEC 609*47-3)	2	Nos.	5,500.00	11,000.00
13	14	Selector Switch	ABB (ON/OFF) (OT63F3)	1	Nos.	5,875.00	5,875.00
14	15	Fuse	50A, 500AC (ELMARK)	3	Nos.	375.00	1,125.00
15	16	DATA Cable 000786	PVC80C 300V	5	meter	6,250.00	31,250.00
		<b>SECTION F: ASSET NAME: 75KW COMPAIR COMPRESSOR MODEL # L80</b>					
16	1	MLS Drive	MLS SCWG4000-120	4	Nos.	105,000.00	420,000.00
17	2	Drive Cell (Lithium Battery)	CR2450 3V	12	Nos.	875.00	10,500.00
18	3	Multi-Purpose Grease	SCWG4000-120 COMPAIR MLS GREASE 120	2	Kg.	3,750.00	7,500.00
19	4	MCB Card (HMI)		2	Nos.	<del>875,000.00</del>	1,750,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
20	5	Jaw Coupling Rotex	100005644 55 St	2	Nos.	68,750.00	137,500.00
21	6	Contactor	3RT5054-1AP36 220V	2	Nos.	121,250.00	242,500.00
22	7	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.	113,750.00	227,500.00
23	8	Pneumatic Pipe Transparent	8mm -40 C to + 80 C 18~32 bar	60	meter.	937.50	56,250.00
24	9	Pneumatic Pipe Transparent	4mm -40 C to + 80 C 18~32 bar	60	meter.	800.00	48,000.00
25	10	Pneumatic Pipe Transparent	6mm -40 C to + 80 C 18~32 bar	60	meter.	850.00	51,000.00
26	11	Flexible temperature sensors	(Danfoss) MBT 3270	2	Nos.	62,500.00	125,000.00
27	12	Oil Level Indicator Glass	Transparent	2	Nos.	1,750.00	3,500.00
28	13	Solenoid Valve	6014 C 1/16 FKM BR 00463880 232PSI	2	Nos.	62,500.00	125,000.00
29	14	O-Ring	2mm	250	Nos.	15.00	3,750.00
30	15	O-Ring	8mm	250	Nos.	30.00	7,500.00
31	16	O-Ring	10mm	250	Nos.	40.00	10,000.00
32	17	O-Ring	12mm	250	Nos.	50.00	12,500.00
33	18	O-Ring	30 Size	1	Ket	11,250.00	11,250.00
34	19	Socket (With Washer, Nut & Screw)	13A 250V	100	Nos.	3,000.00	300,000.00
35	20	Pneumatic Pipe	4mm	100	meter.	625.00	62,500.00
36	21	Quick Fitting (SS) connector	1/8"x 4mm	60	Nos.	312.50	18,750.00
37	22	Quick Fitting (SS) L-Bow	3/8" x 8mm	80	Nos.	412.50	33,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
38	23	Quick Fitting L-Bow (Two Side)	4mm x 4mm	60	Nos.	337.50	20,250.00
39	24	Quick Fitting (SS) connector	1/4" x 8mm	60	Nos.	362.50	21,750.00
40	25	Quick Fitting (SS) Connector	1/8"x 8mm	60	Nos.	325.00	19,500.00
41	26	HMI DELCOSE XL-L	ZS1057856	2	Nos.	1,062,500.00	2,125,000.00
42	27	Emergency Switch	A030750 IDEC 631 AVW	2	Nos.	8,750.00	17,500.00
43	28	MCB Breaker Single Pole	5SJ61-C1 230/400V	2	Nos.	1,377.50	2,755.00
44	29	MCB Breaker 2-Pole	5SJ72-6A 400V 6A	2	Nos.	1,592.50	3,185.00
45	30	Breaker	690V, 63A, 3VU1340, 1MK00	2	Nos.	8,000.00	16,000.00
46	31	Contactor 3-Pole	3RT6023-1AL20 AC 230 V 50/60 HZ AC3 4 kW 400 V	2	Nos.	39,250.00	78,500.00
47	32	Contactor 3-Pole	3RH5921-1EA11, 2- pole	2	Nos.	39,750.00	79,500.00
48	33	Power Transformer	INPUT 0 360 380 400 415 435 V OUTPUT 230V/1.13 24V/2.083A	2	Nos.	113,750.00	227,500.00
49	34	Main Contactor	3RT5054-1...6 140A 600V	4	Nos.	239,500.00	958,000.00
		<b>SECTION G: ASSET NAME: REFRIGERATION DRYER MODEL # DC1350AX SERIAL # 134/22229/01</b>					
50	1	Direct Acting Solenoid Valve	740-00-555 230V 50- 60hz 3/8" #13H53	2	Nos.	56,250.00	112,500.00
51	2	PCB Card	-	1	Nos.	437,500.00	437,500.00
52	3	Electronic Condense drain	ECD 15B 230V	8	Nos.	131,250.00	1,050,000.00
		<b>SECTION H: ASSET NAME: AIR COMPRESSOR (HITACHI) MODEL # 11OP-8.5CGA SERIAL # TG32080</b>					

 Benchmark Corporation



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
53	1	V-Belt	B-108 (Oil & Heat)	12	Nos.	3,125.00	37,500.00
54	2	HMI	DOP-B07S411	1	Nos.	162,500.00	162,500.00
55	3	Inverter	-	2	Nos.	555,000.00	1,110,000.00
56	4	Exhaust Fan	6X6 AC 220/240	4	Nos.	13,750.00	55,000.00
57	5	Push Button Switch	ZB2-BE102C AC220/240	4	Nos.	6,250.00	25,000.00
58	6	Breaker (Schneider)	C6 220/240 Single Pole	8	Nos.	6,250.00	50,000.00
59	7	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.	6,250.00	25,000.00
60	8	MCB Breaker (Schneider)	C25 220/240 3- Pole	4	Nos.	6,250.00	25,000.00
61	9	Contactor	40A 3-Pole	4	Nos.	26,625.00	106,500.00
62	10	Power Supply (TRACO POWER)	TSL-030-124	2	Nos.	112,500.00	225,000.00
63	11	Delta PLC MODULE	DVP-32EH	1	Nos.	43,750.00	43,750.00
64	12	Electromagnetic Relay	24VDC 2-Pole	5	Nos.	20,000.00	100,000.00
		<b>SECTION I: ASSET NAME: AIR RESERVOIR</b>					
65	1	Ball Valve (SS) DN25	1" Ketz 316	4	Nos.	6,875.00	27,500.00
67	2	2way Solenoid Valve	1/4" (UD-8) UNI-D	4	Nos.	56,250.00	225,000.00
69	3	Pressure Gauge	0-100 kPa	4	Nos.	30,000.00	120,000.00
71	4	Pressure Switch	0-7.5 Bar	4	Nos.	18,750.00	75,000.00
73	5	Pneumatic Pipe	6mm -40 C to + 80 C 18~32 bar	100	meter	687.50	68,750.00
75	6	Pneumatic Pipe	4mm -40 C to + 80 C 18~32 bar	100	meter	<del>550.00</del>	55,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
77	7	Ball Valve (SS) DN15	1/2" Ketz 316	4	Nos.	5,625.00	22,500.00
79	8	Pressure Gauge	0-150 PSI	8	Nos.	16,250.00	130,000.00
81	9	Direct Acting Small NC Magnetic Valves	1/4" 2W-025-08 AC 220V	4	Nos.	31,250.00	125,000.00
		<b>SECTION J: ASSET NAME: DUPLEX AGSS (DISPOSAL SYSTEM)</b>					
82	1	Blower with Motor (BUSCH)	1.5 KW, 205HP, 2800RPM	2	Nos.	68,750.00	137,500.00
83	2	Bearing	6205Z	4	Nos.	1,875.00	7,500.00
84	3	Oil Seal	FP-36 (30 42 07)	6	Nos.	1,125.00	6,750.00
		<b>SECTION K: ASSET NAME: BOOSTER PUMP</b>					
85	1	LED Panel	Simatic Panel Touch-KTP600 Basic PN Mono(6AV6 647-0 AB11-3AX0)	2	Nos.	562,500.00	1,125,000.00
86	2	Power Supply (AB) Quality Allen Bradley	1606-XLE 120EE, AC-200/240 Volt/DC24V/5A	2	Nos.	244,500.00	489,000.00
87	3	Relay	Comat Swiss-DC24V	3	Nos.	4,500.00	13,500.00
88	4	Contactor 3-Pole	AB K40E	2	Nos.	38,765.00	77,530.00
89	5	Contactor 3-Pole	AB K05	2	Nos.	39,007.50	78,015.00
90	6	Module (Siemens)	S7-1200	2	Nos.	287,500.00	575,000.00
91	7	Overload 3-Pole	3ZX1012-0RW40-2DA1	2	Nos.	245,000.00	490,000.00
92	8	Breaker 3-Pole	AB-140M-C2T	2	Nos.	45,000.00	90,000.00
93	9	Breaker 3-Pole	NCN 316	2	Nos.	6,375.00	12,750.00
94	10	Breaker 1/2 Pole	NCN 013 C13	2	Nos.	<del>6,875.00</del>	13,750.00

*Bentley Corporation*



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
95	11	ON/OFF Switch Schneider	IEC/EN 60947-3,25A,15KW	2	Nos.	3,750.00	7,500.00
96	12	Module Part	Simatic S7-1200, S-ZVDNYAN015589/SM-1231-A1	4	Nos.	264,437.50	1,057,750.00
		<b>SECTION L: TOOLS FOR MECHANICAL WORKSHOP</b>					
97	1	Pedestal Drill Machine	Frequency: 50/60 Hz Distance Between Center of Spindle to Column Front: 200 mm Drilling Capacity In Steel: 20 mm Feed: Hand Max Distance Between Spindle to Base: 600 mm Max Distance Between Spindle to Table: 300 mm	1	Nos.	114,500.00	114,500.00
98	2	Pedestal Grinding Machine	Power Consumption 0.75 hp Phase 3 Phase Voltage 415V Speed 3000 RPM Wheel Diameter 200 mm	1	Nos.	43,750.00	43,750.00
99	3	Heavy Grinder	7" Angel Grinder	1	Nos.	56,250.00	56,250.00
100	4	Baby Grinder	4" Angel Grinder	1	Nos.	42,500.00	42,500.00
101	5	LT Drill machine	-	1	Nos.	45,000.00	45,000.00
102	6	Electric Drill Machine	-	1	Nos.	30,000.00	30,000.00
103	7	Table Vice 24"	-	1	Nos.	20,000.00	20,000.00
104	8	Table Vice Pipe Holding	-	1	Nos.	13,625.00	13,625.00
105	9	Mini Table Vice 6"	-	1	Nos.	11,250.00	11,250.00
106	10	Portable Welding Plant	130A Welding Machine, 3 in 1 Combo MMA/MIG/LIFT TIG Welder Machine, Flux Core Welder, MIG-130	1	Nos.	74,625.00	74,625.00

Benchmark Corporation



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
107	11	LT Drill Machine	26mm Hammer Hilty/ Drill Machine - With Box	1	Nos.	45,000.00	45,000.00
108	12	Electric Drill Machine	Electric Drill Machine 10mm	1	Nos.	30,000.00	30,000.00
109	13	Table Vice	Heavy Duty 12"/300mm	1	Nos.	19,625.00	19,625.00
110	14	Table Vice Pipe Holding	2x 1/2"	1	Nos.	13,625.00	13,625.00
111	15	Mini Table Vice	Mini Bench Vice Clamp 4"	1	Nos.	9,500.00	9,500.00
112	16	Rivet Gun With Pins	-	1	Nos.	3,750.00	3,750.00
113	17	Mini Bend saw Machine	Light Duty	1	Nos.	36,250.00	36,250.00
114	18	Electric Blower	-	1	Nos.	17,125.00	17,125.00
		<b>SECTION M: 500 KG ELECTRIC BOILER PARTS / CONSUMABLES</b>					
115	1	Heater with Flange 6PCD	316SS, HS, 380V, 24KW, (15,9,60) (LWH)	9	Nos.	70,000.00	630,000.00
116	2	Teflon Sheet	5mm, 50" x 50"	2	Nos.	12,500.00	25,000.00
117	3	Stainless Steel Bolt	12 x 30 x 1.75	100	Nos.	437.50	43,750.00
118	4	AC Contactor	AC Contactor, 20A	4	Nos.	5,750.00	23,000.00
119	5	AC Fan	12V, 6" x 6"	4	Nos.	7,500.00	30,000.00
120	6	Ampere Meter	0 – 400	2	Nos.	30,000.00	60,000.00
121	7	Volt Meter	0 – 450	2	Nos.	35,000.00	70,000.00
122	8	Heat Proof Cable	8mm	20	Meter	1,000.00	20,000.00
123	9	Emergency Switch	No / NC	4	Nos.	6,330.00	25,320.00
124	10	Push Button	Yellow	2	Nos.	1,125.00	2,250.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
125	11	Push Button	Green	2	Nos.	1,125.00	2,250.00
126	12	Push Button	Red	2	Nos.	1,125.00	2,250.00
127	13	OCR	3A, 380V	2	Nos.	42,500.00	85,000.00
128	14	Indication Light	Yellow	2	Nos.	1,125.00	2,250.00
129	15	Indication Light	Green	2	Nos.	1,125.00	2,250.00
130	16	Indication Light	Red	2	Nos.	1,125.00	2,250.00
131	17	Relay	3A, 250V, Omron MY2N - J	2	Nos.	4,500.00	9,000.00
132	18	HCL	-	20	Ltr.	625.00	12,500.00
133	19	Cable Tie	16"	2	Packet	1,050.00	2,100.00
134	20	Insulation Tape	Red, Blue, Green	5	Each	137.50	687.50
		<b>SECTION N: OXYGEN GENERATION PLANT ROOM TOOLS FOR DEPARTMENT</b>					
135	1	Measuring Tape	10 Meter	3	Nos.	2,000.00	6,000.00
136	2	Screw Driver	(+ , -)	3	Set.	8,125.00	24,375.00
137	3	Screw Driver	Hammer Type (+ , -)	2	Set.	12,500.00	25,000.00
138	4	Oil Cane	-	5	Nos.	1,125.00	5,625.00
139	5	Ring Spanner (Taparia)	6 - 32mm	2	Set.	9,250.00	18,500.00
140	6	Box Spanner (Taparia(=)	6 - 32mm	2	Set.	10,500.00	21,000.00
141	7	Combination Wrench (Force 5191C)	6 - 32mm	1	Set.	12,500.00	12,500.00
142	8	Adjustable Spanner	6"	4	Nos.	1,750.00	7,000.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
143	9	Adjustable Spanner	12"	4	Nos.	2,250.00	9,000.00
144	10	Allen Wrench (Short Type)	(TEKTON)	3	Set.	3,000.00	9,000.00
145	11	Adjustable Screw Wrench	(TOPTUL) 10"	4	Nos.	2,250.00	9,000.00
146	12	Combination Pliers (Taparia)	8"	3	Nos.	1,500.00	4,500.00
147	13	Pipe Wrench (Forged)	6"	3	Nos.	2,000.00	6,000.00
148	14	Pipe Wrench (Forged)	24"	3	Nos.	4,500.00	13,500.00
149	15	Pipe Wrench (Forged)	36"	2	Nos.	12,000.00	24,000.00
150	16	Pipe Wrench (Forged)	18"	2	Nos.	9,000.00	18,000.00
151	17	Cutting Plier (Taparia)	6"	5	Nos.	1,750.00	8,750.00
152	18	Long Nose Plier (Taparia)	-	5	Nos.	1,250.00	6,250.00
153	19	O – Ring Kit Box	30 Size	2	Kit	9,250.00	18,500.00
154	20	Electric Heat Gun	-	2	Nos.	15,000.00	30,000.00
155	21	Hose Pipe	8mm	100	Meter	187.50	18,750.00
156	22	Star L – N Key	-	3	Set	3,000.00	9,000.00
157	23	Multi Meter (Digital	Voltage DC + - (0.09% + 2), Max.Res 0.mv, Max 1000V	2	Nos.	30,000.00	60,000.00
158	24	Clamp Meter	AC – 4A / 400A, DC – 600V	2	Nos.	20,000.00	40,000.00
159	25	Megger Meter	50V, 100V, 250V, 500V, 1000V	2	Nos.	22,500.00	45,000.00
160	26	Flat Screw Driver	Complete	1	Set	3,250.00	3,250.00
161	27	Philip Screw Driver	Complete	1	Set	3,750.00	3,750.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
162	28	Sata Electrical Tool	Complete	1	Set	13,750.00	13,750.00
163	29	Plier	Complete	1	Set	4,250.00	4,250.00
164	30	Cutter Plier	-	2	Nos.	3,500.00	7,000.00
165	31	Nose Plier	-	2	Nos.	2,500.00	5,000.00
166	32	Grip Plier	-	4	Nos.	1,500.00	6,000.00
167	33	Knife Cutter	-	5	Nos.	625.00	3,125.00
168	34	Soldering Iron	-	3	Nos.	7,500.00	22,500.00
169	35	Welding Face Shield	-	2	Nos.	10,000.00	20,000.00
170	36	Belt Spanner	9" Belt Type Oil Filter Wrench	3	Nos.	2,250.00	6,750.00
171	37	Chain Spanner	Chain Wrench Filter 9"	4	Nos.	3,000.00	12,000.00
172	38	Hammer	2 – 4 Pond	4	Nos.	1,950.00	7,800.00
173	39	Bearing Puller	Complete	2	Set	7,500.00	15,000.00
174	40	Gasket Cutter	-	3	Nos.	4,250.00	12,750.00
175	41	Meter Sheet Cutter	-	2	Nos.	17,500.00	35,000.00
176	42	C – Clamp	3", 4", 5", 7", 9"	2	Set.	22,500.00	45,000.00
177	43	Hand Tap with Handel	4mm	2	Set.	3,750.00	7,500.00
178	44	Hand Tap	5mm	2	Set.	4,250.00	8,500.00
179	45	Hand Tap	6mm	2	Set.	4,750.00	9,500.00
180	46	Hand Tap	8mm	2	Set.	5,250.00	10,500.00



S.#	Item #	Items Description	Specification / Part Ref. #	Req. Qty.	UOM	Unit Price	Total Price
181	47	Hand Tap	10mm	2	Set.	5,750.00	11,500.00
182	48	Hand Tap	12mm	2	Set.	6,750.00	13,500.00
183	49	Drill Bit – HSS – G	1 – 13mm	2	Set.	3,500.00	7,000.00
<b>Total</b>							<b>19,373,963</b>
<b>Amount in word: Rupees Nineteen Million Three Hundred Seventy Three Thousand Nine Hundred Sixty Three Only.</b>							

Whereas the purchaser is desirous that certain goods should be provided by supplier and whereas the supplier 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. 19,373,963/-** hereinafter called "The Contract Price".

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 bidders, 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 Supplier as hereinafter mentioned, the Supplier 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 Supplier, 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:** Delivery of above mentioned items within the period of 1 months. If it fails to deliver, @0.03 percent of the Contract Price for each day of delay until actual delivery or performance, up to a maximum deduction of 10% of the Contract Price. Once the maximum is reached, the purchaser may consider termination of the contract.
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 on production of the Delivery Challan, Inspection Note and Invoice, which will make payment from the consignee's Account.
11. **SECURITY DEPOSIT:** @10% Security Deposit (Performance Security) of **Rs. 1,937,400/-** in the shape 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). which will be released Clause # 2 of bidding document. (Terms & Conditions of bidding document).

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 supplier without any notice.

14.2 The stores if found damaged shall be replaced by supplier free of cost.

14.3 Sub-Standard items 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.

14. The Supplier / Manufacturer should ensure the supply of quality stores.

15. **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 (SMBBIT), Karachi.

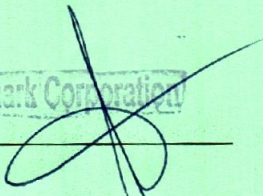
16. **SHELF LIFE REQUIRED:** No supply will be accepted having expiry date less than 70% of shelf life for the National manufacturer and 70% for imported items (**Wherever applicable**).

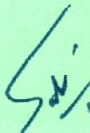
17. Documents showing any set of exemption from duty taxes should also be attached with the bills.

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 Supplier**

**Signature of the Purchaser**

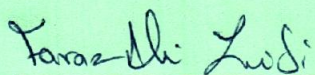
  
(Seal)


  
(Seal) Dr. Muhammad Sabir Memon  
Executive Director  
Shaheed Mohtarma Benazir Bhutto  
Institute of Trauma, Karachi

Signed, Sealed and Delivered in the presence of:

**Witness:**

**Witness:**

  
(Name, Title and Address)

  
(Name, Title and Address) **MANAGER**  
**SUPPLY CHAIN MANAGEMENT**  
**SMBBIT Institute of Trauma, Karachi**