

(ANNEXURE-C)

SCOPE OF WORK / SCHEDULE OF REQUIREMENTS / BILL
OF QUANTITY
WITH PARTS

TENDER REFERENCE NO: PROC/SMBBIT/(R&M-02)/2024-25

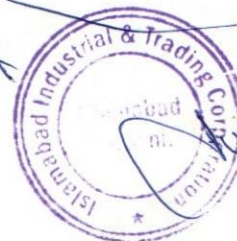
S.#	Description of Work	Qty.	U.O.M	Scope of Work	Per Month Per Unit	Per Month Total	Total Amount Per Year
A). Elevators maintenance with All Parts & Consumables:							
i.	Servicing & maintenance of elevator	10	Passenger Lifts	Ground floor to 14 floor including provision of lubricants, greases, gear oil and all other material including all parts, cards and all items required for maintain the elevators 24/7 functional basis as per instructions / direction of the Engineer In-charge / Manufacturer guide lines / manual.	200,000	2,000,000	24,000,000
ii.	Servicing & maintenance of elevator	1	Cargo Lift	Ground floor to 14 floor including provision of lubricants, greases, gear oil and all other material including all parts, cards and all items required for maintain the elevators 24/7 functional basis as per instruction / direction of the Engineer In-charge / Manufacturer guide lines / manual.	200,000	200,000	2,400,000
iii.	Servicing & maintenance of dumbwaiters	4	Dumbwaiters	4 Dumbwaiters from 5 floor to 13 floor including provision of lubricants, greases, gear oil and all other material including all parts, cards and all items required for maintain the elevators 24/7 functional basis as per instruction / direction of the Engineer In-charge / Manufacturer guide lines / manual.	200,000	800,000	9,600,000
Total						3,000,000	36,000,000



SCOPE OF WORK / SCHEDULE OF REQUIREMENTS / BILL
OF QUANTITY
WITHOUT PARTS

TENDER REFERENCE NO: PROC/SMBBIT/(R&M-02)/2024-25

S.#	Description of Work	Qty.	U.O.M	Scope of Work	Per Month Per Unit	Per Month Total	Total Amount Per Year
B). Elevators maintenance with consumables without Parts.							
i.	Servicing & maintenance of elevator	10	Passenger Lifts	Ground floor to 14 floor including provision of lubricants, greases, gear oil and all other material including required for PPM & maintain the elevators 24/7 functional basis as per instructions / direction of the Engineer In-charge Manufacturer guide lines / manual.	34,000	340,000	4,080,000
ii.	Servicing & maintenance of elevator	1	Cargo Lift	Ground floor to 14 floor including provision of lubricants, greases, gear oil and all other material including required for PPM & maintain the elevators 24/7 functional basis as per instructions / direction of the Engineer In-charge / Manufacturer guide lines / manual.	34,000	34,000	408,000
iii.	Servicing & maintenance of dumbwaiters	4	Dumbwaiters	4 Dumbwaiters from 5 floor to 13 floor including provision of lubricants, greases, gear oil and all other material including required for PPM & maintain the elevators 24/7 functional basis as per instruction / direction of the Engineer In-charge Manufacturer guide lines / manual.	31,500	126,000	1,512,000
Total						500,000	6,000,000

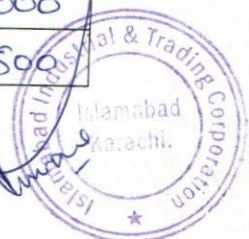


RATE CONTRACT FOR PARTS PRICE

S.#	Item Name / Description	QTY.	RATE
1	Break Magnet	1	99,000
2	Guide Shoe Element	1	24,000
3	Roller D-60	1	9,000
4	Micro Switch (Over Load switch)	1	17,500
5	Buzzer 24 V	1	5,000
6	Power Block 92/16E SKKF (1600K 0F)	1	85,000
7	Main Motor Bearing	1	75,000
8	Door Drive Cam	1	70,000
9	Car Flooring (PVC)	1	75,000
10	Door Cam Repairing	1	18,000
11	Traveling Cable	per ft	9,500
12	Stop Switch	1	90,000
13	M33 CPU Board	1	625,000
14	M33 CPU Board (Repairing)	1	65,000
15	PSD Module Board	1	110,000
16	PSD Module Board (Repairing)	1	12,000
17	TCB 2 Board	1	325,000
18	TCB 2 Board (Repairing)	1	55,000
19	Power Board	1	110,000
20	Power Board (Repairing)	1	22,000
21	CCB -3 Board	1	225,000
22	CCB -3 Board (Repairing)	1	18,000
23	OPB Board	1	235,000
24	OPB Board (Repairing)	1	65,000
25	Relay MY 4 (DC 24 V)	1	14,000
26	Relay MY 4 (DC 110 V)	1	14,000
27	Relay LY 2 (DC 24 V)	1	160,000
28	IP PC Board	1	18,000
29	IP PC Board (Repairing)	1	8,000
30	OP PC Board	1	18,000
31	OP PC Board (Repairing)	1	



S.#	Item Name / Description	QTY.	RATE
32	Transformer (400 V)	1	300,000
33	Breaking Resister	1	90,000
34	DC Reactor 25 A	1	210,000
35	Nosie Filter	1	160,000
36	Circuit Breaker 5A	1	12,500
37	Surge Absorbr 5 A	1	75,000
38	Resistor 200W 100R	1	125,000
39	Main Circuit Breaker	1	65,000
40	Fuse 600 V 8 A	1	500
41	Fuse 600 V 10 A	1	600
42	Bridge Rectifier (600 25 A)	1	5,000
43	MC Connector SC-5-1	1	70,000
44	BK B2 Connector SC-5-1	1	70,000
45	HIP 640 Only PCB	1	110,000
46	Button 40 Type	1	16,000
47	CPI (Car Position Indicator) PCB Only	1	110,000
48	Complete D-610 only PCB	1	135,000
49	Final Limit Switch	1	18,000
50	Photo Cell	1	9,000
51	Main Intercom 12 V (per piece)	1	62,000
52	Sub Intercom (in OPB)	1	49,000
53	Light Switch	1	6,000
54	Fan Inverter	1	14,000
55	Battery	1	16,000
56	LCD Sensor	1	24,000
57	Gate Switch	1	58,000
58	Door Drive Encoder	1	155,000
59	Door Inverter	1	395,000
60	Proximity Switch	1	12,500
61	Main motor Rotary Encoder	1	475,000
62	Main motor Rotary Encoder (Repairing)	1	N/A
63	HIVD 900GT Inverter	1	4,500,000
64	HIVD 900GT Inverter (Repairing)	1	89,500



S.#	Item Name / Description	QTY.	RATE
65	LS IG5A Inverter	1	125,000
66	LS IG5A Inverter (Repairing)	1	50,000
67	IGBT	1	75,000
68	CPU Board	1	685,000
69	CPU Board (Repairing)	1	75,000
70	Gate Switch for car door	1	40,000
71	Door Limit Sensor	1	35,000
72	Main Wire Rope 10mm or 12 mm	Per Feet	800
73	Speed Governor Wire Rope 8 mm	Per Feet	600
74	Cabin Inside fan	1	21,700
75	Motor Gear Box Oil	Per Liter	3,500
76	IPM Module	1	295,000
77	Interlock Switch	1	90,000
78	Interlock	1	90,000
79	Steel wire rope for landing door with accessories	1	9,000
80	Door key	1	3,000
81	Hanger Roller	1	9,000
82	Tension Pulley (Pit)	1	25,000
83	Door Shoe	1	9,000
84	Spring Closer	1	7,500
85	Door Motor	1	475,000
86	Clutch (CAM)	1	249,000
87	V Belt	1	15,000
88	Door Motor Pulley	1	160,000
89	Door Drive Pulley	1	110,000
90	Eccentric roller	1	16,000
91	Complete Door Safety Edge	1	410,000
92	Guide Shoes Main Assembly	1	270,000
93	Speed Governor Switch	1	32,000
94	Speed Governor Pulley Bearing	1	18,000
95	Complete Speed Gov DG-100	1	300,000
96	Emergency light	1	9,000



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S.#	Item Name / Description	QTY.	RATE
97	Emergency light in supply with battery 12 VDC	1	36,000
98	Break Shoe ASY	1	400,000
99	Multi Beam	1	110,000
100	Rubber pad	1	30,000
101	Def-Sheave Bearing	1	65,000
102	Def-Sheave	1	600,000
103	Main Sheave	1	2,500,000
104	Thimble rod	1	7,500
105	Oil Cup	1	7,500

Note: All items are mandatory to quote. All major parts are incorporated in case contract not awarded on condition # 01 then above-mentioned rates are prevailed till contract period if any item not available on said table, then purchase the parts through sole proprietor ship basis. As per SPPRA rule 16(b). (All the replaced parts are the property of the SMBB-IT.)

C). Manpower 24/7 Basis:							
S.#	Description of Work	Qty.	U.O.M	Qualification / Experience	Per Month Per Person	Per Month Total	Total Amount Per Year
1	Chief Supervisor	1	Person	Literate / Minimum 8 Years of relevant experience	180,000	180,000	2,160,000
2	Shift Supervisor cum Troubleshooter	3	Persons	Literate / Minimum 5 Years of relevant experience	100,000	300,000	3,600,000
3	Trained Lift Operators	27	Persons	Literate / Minimum 3 Years of relevant experience	60,000	1,620,000	19,440,000
Total						2,100,000	25,200,000

Condition: 01

With Parts with Manpower	Monthly Total Amount	Annual Total Amount
Grand Total (A: Elevators maintenance with All Parts & Consumables + C. Manpower 24/7 Basis)	5,100,000	61,200,000



Condition: 02		
Without Parts with Manpower	Monthly Total Amount	Annual Total Amount
Grand Total (B: Elevators maintenance with consumables without Parts + C. Manpower 24/7 Basis)	2,600,000	31,200,000

Note:

The procuring agency has the right to choose one of the above conditions, but bidders are required to quote both. Therefore, bids that do not comply with this requirement are rejected.

Subsequent Year's price increase of offered Services (in terms of percentage), in case contract is renewed	
2nd Year	10% (percent) Escalation in first year's price
3rd Year	10% (percent) Escalation in second year's price

Note:

1. All staff would be interviewed and selected by the consent of SMBBIT competent authority.
2. All staff employed by contractor will mark their attendance on SMBBIT Biometric attendance system as per their Rota.

Duty Rooster for Lift Operators

Location	# of Elevators	8 Hours	8 Hours	9:30 Hours
		Shift A	Shift B	Shift C
		08:00am to 04:00pm	03:30pm to 11:30pm	11:00pm to 08:30am
Faculty Side # 01	1	1	1	0
Faculty Side # 02	1	1	1	0
Faculty Side # 03	1	1	1	0
Patient Side # 01	1	1	1	1
Patient Side # 02	1	1	1	1
Patient Side # 03	1	1	1	1
Patient Side # 04	1	1	1	1
Attendant Side # 01	1	1	1	1
Attendant Side # 02	1	1	1	0
Attendant Side # 03	1	1	1	0
Attendant Side # 04	1	1	1	0
Total Operators Shift Wise	11	11	11	5

Duty Rooster for Shift Supervisor cum Troubleshooter

Location	# of Elevators	8 Hours	8 Hours	9:30 Hours
		Shift A	Shift B	Shift C
		08:00am to 04:00pm	03:30pm to 11:30pm	11:00pm to 08:30am
Total Operators Shift Wise	11	2	1	1

