REPLACEMENT OF 2 NO. LIFT AT TOWER BLOCK

SUPPLY AND INSTALLATION OF 2 NUMBER 920kg, 12 PASSENGER LIFTS AS REPLACEMENT OF OLD UNIT

Item	Description	Qty	Unit	Rate Ghȼ	Amount Ghȼ
	BILL No.4: DEMOLITIONS AND ALTERATIONS				
	The following lifts to be carefully removed as a complete package and securely hauled to a destination as directed by the Client (Dansoman Warehouse - haulage distance not exceeding 12km).				
A	920kg, 12-Passenger lift	2	Nr.		
B	Allow for all associated ancillary works of civil,electrical and mechanical in relation to the works covering but not limited to the following in **2 No. Lift** above : i) Provision of scaffolding ii) Shaft lights iii) Connection to existing 3-Phase Power iv) Filling of pit to required level v) Provision of oversite concrete at pit level vi) Fixing of rail channels vii) Provision of Lift Beams viii) Hoarding, Cutting and Making good all disturbed entrances etc .		Item		
	BILL No.4: DEMOLITIONS AND ALTERATIONS - TO GENERAL SUMMARY				

Item	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	BILL No.5 : SUPPLY AND INSTALLATION of 2No.- 920KG, 12 PASSENGER LIFT The following to include **Supply and Installation of 12 Passenger lift, 920Kg /1.5m/s** ,variable frequency drive, machine roomless Comfort lift , **8 stops /8 openings**, Duplex Full Collective Control (FCL), SF Prima S in stainless steel				
A	The lift shall be complete with the following **Specifications:** 1) No. of Units - 2 No., 12-Passenger Lift 2) Load : 920 Kg(12-Passenger) 3) Speed : 1.5m/s 4) Lift Motor/ Drive : machine roomless with variable speed gearless machine buffers 5) No. of stops : 8 stops/ 8 openings 6) Rise /Travel : 20.10m 7) Power Drive and Control System : VVVF through feedback closed loop system 8) Shaft(width xdepth) : 2010 x 1810mm 9) Pit depth : 1500 mm 10) Headroom : 4000mm ***11)Car Type :OPTIMA with 2 handrails Onda,FAN 2*** 12) Floor : Granite (Colour to be confirmed) 13) Ceiling : Lighted Stainless steel 14) Panels : Stainless Steel Brushed 15) Car Internal Dimensions - 1370mmx1570mmx2200mm(cwxcdxch) (Please confirm it will fit the existing shaft size) 16) Car Door (widthx height):900 mm x2000mm - Automatic sliding center opening in stainless steel (Please confirm it will fit the existing door size) 17) Intercom : Incorporated in the Car Operating Panel (C.O.P) and connected th the Control Room 18) Automatic Rescue Operation - Yes 19) Mirror - Full Width- Half Height, Left 20) Fire Control System - Yes 21) Special supplies :door open button,automatic door operator, Alarm bell, overload device, hall position indicator, independent service control with key switch, sill angles to complete and workable installation. 22) Robustly designed finishes in stainless steel,skin plate,prime coat 23) Physically challenged facilities like brialle control knobs and buttons and robust stainless steel hand rails on all sides and rear 24) Roof leakage proof 25) State -of- the art equipment with computerised control systems	2	Nr.		
B	Allow for the following : i)All electrical works complete in connection with the Lift Installation works including checking and replacement of existing electrical cables and panels/switches (In 2No. Lifts)		Item		
C	Workmanship		Item		
	BILL No.5 : SUPPLY AND INSTALLATION OF 2No. 920KG, 12 PASSENGER LIFT - TO GENERAL SUMMARY				

Item	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	BILL No.6: SUPPLY AND INSTALLATION OF VOLTAGE STABILIZERS FOR LIFTS				
A	The following to include **Supply and Installation of Voltage stabilizer** for incorporation complete in Lift system. The stabilizer shall be complete with the following **Specifications :** 30KVA ORION PLUS or other Equal and approved VOLTAGE STABILIZER INP: 3PH [300-5000] OUT: 3PH [300-5000] WEGHT: 160KG FREQUENCY: 50/60Hz + 5%	2	Nr.		
B	The UPS shall be sized as to be compatible with the ratings of the lift with the following **Specifications:** VOLTAGE: 380-415V/200-230V FREQUENCY: 50Hz + 5%	2	Nr.		
	BILL No.6: SUPPLY AND INSTALLATION OF VOLTAGE STABILIZERS FOR LIFTS - TO GENERAL SUMMARY				

Item	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	REPLACEMENT OF 2No. PASSENGER LIFT AT TOWER BLOCK, ACCRA				
	GENERAL SUMMARY				
A	**BILL NO.4**:- DEMOLITIONS AND ALTERATIONS				
B	**BILL NO.5**:- 2 No.920 KG (12-PASSENGER LIFTS)				
C	**BILL NO.6**:- 1 No. VOLTAGE STABILIZERS AND UPS FOR LIFT				
	REPLACEMENT OF 2No. PASSENGER LIFT AT TOWER BLOCK				
	TOTAL CARRIED TO GRAND SUMMARY				

Item	Description	Qty	Unit	Rate Gh¢	Amount Gh¢
	REPLACEMENT OF PASSENGER LIFTS AT PENSION HOUSE AND TOWER BLOCK				
	GRAND SUMMARY				
A	REPLACEMENT OF 1 No. PASSENGER LIFT AT PENSION HOUSE				
B	REPLACEMENT OF 2No. PASSENGER LIFT AT TOWER BLOCK				
C	SUB-TOTAL (A+B)				
D	**ADD** CONTINGENCIES(10%) OF SUB-TOTAL (C)				
E	**TOTAL (SUB-TOTAL (C) + CONTINGENCIES)**				
F	ALLOW FOR TRAINING OF END USERS				
G	ALLOW FOR DOCUMENTATION				
H	ALLOW FOR **2 YEAR MAINTENANCE (12 VISITS IN 1 YEAR)**				
J	SUB-TOTAL (E + F + G + H)				
K	GET FUND LEVY (2.5% OF J)				
L	NATIONAL HEALTH INSURANCE LEVY (2.5% OF J)				
M	VAT (15% OF J)				
	GRAND TOTAL CARRIED TO FORM OF TENDER				
	SIGNED :.....				
	CONTRACTOR :.....				
	DATE :.....				