

Mr. Osama

M/s. AL KARAM TOWEL


R.A ENGINEERING (Pvt.) Ltd.

KARACHI

SUB: SUPPLY & INSTALLATION OF PANELS WITH MODIFICATION WORK

Dear Sir,

With reference to your query, attached please find the quotation for the subject project

NOTES:

- 1) Components will be as per attached component list.
- 2) Our offer is valid for 05 days, beyond the validity, M/s. R.A Engineering. reserves the right to review / revise the quotation.
- 3) Delivery / transportation will be Ex-Factory Karachi.
- 4) Above Prices are exclusive of Sales Tax.**
- 5) Our offer is for only Supply, Installation and Commissioning mentioned in SOP.
- 6) If delivery is not taken within 10 days after notification / intimation of readiness, extra charges will be applicable.
- 7) Our offer is subject to the Force-Majure.
- 8) Our offer is based on Current US Dollar rate if Dollar rate change our Quotation will be revised accordingly.

MODE OF PAYMENT:

70% advance alongwith order.
30% before delivery.

DELIVERY:

Delivery will be decided at the time of placement.

Best Regards.

Waqas Ghauri
(Assistant Manager)
0301-8224498

M HAMZA
(Electrical Engineer)

Schedule Of Prices

CLIENT: AL KARAM TOWEL

PROJECT: M/S Supply of PANELS FOR AL KARAM TOWEL

S.No.	Description	Qty	Rate (Rs)	Amount(Rs)
1	SUPPLY OF NEW 3200A BREAKER, COPPER MAIN BUS AND LINKS IN EXISTING PANEL	1	4,047,439	4,047,439
2	4000A ACB TP ABB BUYBACK AFTER CHECKING CONDITION	1	500,000	500,000
Total				3,547,439
3	SUPPLY OF 3200A AUTO PHASE REVERSAL PANEL	1	10,464,097	10,464,097
4	SUPPLY OF 900KVAR PFI	1	4,303,721	4,303,721
5	SUPPLY OF 2000A CHANGE OVER PANEL	1	6,673,302	6,673,302
Total				21,441,119
Net Total (Excl GST)				24,988,559

Twenty Four Million Nine Hundred Eighty Eight Thousand Five Hundred Fifty Eight Rupees only

Service Charges

S.No.	Description	Qty	Rate (Rs)	Amount(Rs)
1	DISMANTLING & INSTALLATION OF BREAKER(NEW WITH OLD)	1	70,000	70,000
2	MODIFICATION IN MAIN BUS CHAMBER & LINKS OF EXISTING LT	1	180,000	180,000
Net Total (Excl SST)				250,000

Two Hundred Fifty Thousand Rupees only

PROJECT: M/S Supply of PANELS FOR AL KARAM TOWEL

COMPONENTS COSTING AS PER PROVIDED DETAILS

S.No	DESCRIPTION	RATING		MAKE	QTY
		AMP	SC		
1	SUPPLY OF NEW 3200A BREAKER, COPPER MAIN BUS AND LINKS IN EXISTING PANEL INCOMING FROM K.E 1				
	ACB TP (ADJ.)	3200A	100kA	ABB	1
	MOTOR MECHANISM 220V AC			ABB	1
	UVT			ABB	1
	SHUNT OPENING			ABB	1
	SHUNT CLOSING			ABB	1
	CTs	3200/5A		METLEX	3
	PHASE INDICATION LIGHTS (R/Y/B)			S.A./CAMSCO	3
	CONTROL MCB / FUSE + BASE	2A		CAMSCO / HIMEL	6
	BUSBAR PER PHASE + NEUTRAL	1X100 X 5	SERVICES	LOVATA	4
	BUSBAR EARTH	80 X 05	SERVICES	LOVATA	1
2	SUPPLY OF 3200A AUTO PHASE REVERSAL PANEL				
	ACB TP(ADJ.)	3200A	100kA	ABB	2
	UVT	220VAC		ABB	2
	SHUNT OPENING	220VAC		ABB	2
	SHUNT CLOSING	220VAC		ABB	2
	MOTOR MECHANISM	220VAC		ABB	2
	CTs			FICO/METALEX	3
	ENERGY ANALYZER	220VAC	R/Y/B	CIRCUTOR / EQU	1
	PHASE INDICATION LIGHTS (R/Y/B)	2A		CAMSCO / HIMEL	3
	CONTROL MCB / FUSE + BASE	3200/5A		CAMSCO / HIMEL	3
	CONTROL SECTION:				
	EVR RELAY			INTER/EQU.	1
	TIMER WITH BASE			AUTONICS/ EQU.	2
	INDICATION LIGHTS (NORMAL G)	220VAC		CAMSCO / HIMEL	1
	INDICATION LIGHTS (ABNORMAL R)	220VAC		CAMSCO / HIMEL	1
	CONTROL MCB / FUSE + BASE	2A		CAMSCO / HIMEL	2
	PHASE SEQUENCE RELAY			EMIREL/EQU.	1
	CONTROL RELAY WITH BASE			PHOENIX	1
	THERMOSTATE RELAY			IMPORTED	1
	EXHAUST FAN WITH FILTER			IMPORTED	2
2	SUPPLY OF 2000A CHANGE OVER PANEL				
	ACB TP(ADJ.)	2000A	100kA	ABB	1
	UVT	220VAC		ABB	1
	SHUNT OPENING	220VAC		ABB	1
	SHUNT CLOSING	220VAC		ABB	1
	MOTOR MECHANISM	220VAC		ABB	1
	ACB TP(ADJ.)	2000A	100kA	ABB	1
	UVT	220VAC		ABB	1
	SHUNT OPENING	220VAC		ABB	1
	SHUNT CLOSING	220VAC		ABB	1
	MOTOR MECHANISM	220VAC		ABB	1
	CTs			FICO/METALEX	3
	ENERGY ANALYZER	220VAC	R/Y/B	CIRCUTOR / EQU	1
	PHASE INDICATION LIGHTS (R/Y/B)	2A		CAMSCO / HIMEL	6
	CONTROL MCB / FUSE + BASE	3200/5A			6
	CONTROL SECTION:				
	TIMER WITH BASE			AUTONICS/ EQU.	2
	INDICATION LIGHTS (NORMAL G)	220VAC		CAMSCO / HIMEL	1
	INDICATION LIGHTS (ABNORMAL R)	220VAC		CAMSCO / HIMEL	1
	CONTROL RELAY WITH BASE			PHOENIX	1
	CONTROL MCB / FUSE + BASE	2A		CAMSCO / HIMEL	2
	M-O-A SELECTOR SWITCH			CAMSCO / HIMEL	1
	THERMOSTATE RELAY			IMPORTED	1
	EXHAUST FAN WITH FILTER			IMPORTED	2
3	SUPPLY OF 900KVAR PFI				
	ACB TP	1600A	100kA	OWNER PROVIDED	1
	CTs	3200/5A		METLEX	1
	12 STAGE PFI RELAY			OWNER PROVIDED	1
	3 X 50KVAR = 150 KVAR (3 VARIABLE STAGE)				
	POWER FACTOR CAPACITOR @ 415VAC	50KVAR		OWNER PROVIDED	3
	MAGNETIC CONTACTOR TP @ AC-3	105A		OWNER PROVIDED	3

MCCB TP	100A	25kA	OWNER PROVIDED	3
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6 X 25KVAR = 150 KVAR (3 VARIABLE STAGE)

POWER FACTOR CAPACITOR @ 415VAC	25KVAR		OWNER PROVIDED	5
POWER FACTOR CAPACITOR @ 415VAC	25KVAR		NOKIAN / EQU.	1
MAGNETIC CONTACTOR TP @ AC-3	50A		FUJI / EQU.	3
MCCB TP	50A	25kA	TERASAKI	3

6x100KVAR=600KVAR (6 VARIABLE STAGE):

POWER FACTOR CAPACITOR @ 415VAC	50KVAR		NOKIAN / EQU.	12
MAGNETIC CONTACTOR TP @ AC-3	105A		FUJI / EQU.	12
MCCB TP	100A	25kA	TERASAKI	12

MANUAL - OFF - AUTO SWITCH		G/R	CAMSCO	12
ON/OFF PUSH BUTTON (G/R)			S.A./CAMSCO	24
ON/OFF INDICATION LIGHT (G/R)	2A	2A/5	CAMSCO / HIMEL	24
CONTROL MCB / FUSE + BASE			EMAS	3