



To : M/s ROOTS ENEERGY

From: ENGR. FAYEZ

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Pages : 03

Sub : Design, Supply & Installation of Walk In Cold room rooms Ref. #: 99240-2

RAS LAFFAN VILLAGE CONSTRUCTION

Dear Sir,

With reference to your inquiry, we are pleased to submit our proposal for your above requirements to wit:

SCOPE OF WORK : Design, Supply, installation, Testing & Commissioning of Walk in Cold Rooms +2C→+8C Chiller & Freezer Room -18 C

Room No.	Room Name	Length (mm)	Width (mm)	Height (mm)	Volume (m³)	Type	Total Price (QR)
GF-14	Fish Chiller Room	5,270	3,625	4,600	87.88	CHILLER	77,500
GF-13	Fish Freezer Room	10,730	3,625	4,600	178.92	FREEZER	148,500
GF-11	Meat Chiller Room	5,270	7,700	4,600	186.66	CHILLER	108,250
GF-12	Meat Freezer Room	10,730	7,700	4,600	380.06	FREEZER	207,750
GF-10	Poultry Chiller Room	5,270	7,700	4,600	186.66	CHILLER	108,250
GF-09	Poultry Freezer	10,730	7,700	4,600	380.06	FREEZER	207,750
GF-08	Freezer Room	16,100	7,700	4,600	570.26	FREEZER	248,750
GF-07	Vegetable Cold Room	16,100	7,700	4,600	570.26	CHILLER	177,500
GF-35	Cold Room	3,785	5,375	4,600	93.58	CHILLER	76,750
GF-36	Freezer Room	2,790	5,375	4,600	68.98	FREEZER	71,250
GF-42	Fish Chiller	4,625	5,925	4,600	126.05	CHILLER	92,500
GF-44	Meat Chiller	6,300	5,925	4,600	171.71	CHILLER	101,250
GF-46	Poultry Chiller	7,700	5,925	4,600	209.86	CHILLER	115,250
GF-47	Prepared Vegetable Chiller	5,600	8,700	4,600	224.11	CHILLER	118,750
							1,860,000

EXTERNAL Dimensions	:	AS PER ABOVE (PUR Wall & PUR Ceiling PANEL THICKNESS 100mm)
Doors	:	1no Single Leaf Hinged Door 0.8m x 1.8m with heater
Floor Insulation	:	100mm PUR with checkered aluminum on top
Refrigeration Units: 1no Condensing Unit + 1no Matching Evaporator FOR EACH ROOM		
Condensing Units made by COPELAND, or DORIN ITALY or TECUMSEH with Matching Evaporator Unit		
Sandwich Panel INSULATION	:	PUR (POLYURTHANE) (Made in Qatar)
THICKNESS	:	100 mm
CLADDING	:	0.4 mm pre-painted GI sheets.
CONSTRUCTION	:	Panels are joined together by means of tongue and groove and locked together on each side of the panel to ensure air tight joints .
DOOR ACCESSORIES	:	Door is complete with fittings and accessories and have the same finish and thickness as that of the walls and ceiling, complete with rubber gaskets, safety release handle.
Lighting	:	LED lights Included to provide the appropriate light levels for each cold store.
Ref. Accessories	:	All accessories such as expansion valve, solenoid, sight glass, pressure relief valves ...etc are included
CONTROL PANEL	:	Specially designed to control & secure the system. 1 no. control panel for each cold room will be provided with necessary contactor, overload relay, signal lights...etc
PIPES	:	copper pipes are made by Muller Brass or Equivalent
M/ ACCESSORIES	:	Will be provided including rivets, internal and external flashing, silicon and hygienic plastic corners.
Excluding	:	Electrical Power to be arranged by client at site & Any Civil Works.

TOTAL = 1,860,000 Q.R.

PAYMENT TERMS	:	50% advance 25% upon delivery of cooling units 25% upon Completion
DELIVERY	:	6 to 8 weeks from the date of your firm order along with the receipt of down payment provided the site is ready for installation.
WARRANTY	:	1 year on all materials supplied and installed by MES.

NOTE : All civil works and main power EXCLUDED. Our work is limited to the above quoted. Delay of delivery due to acts of 3rd party (non-availability of supply); site readiness; accidents will not be accounted to MES. Warranty does not cover force majeure, loss due to fire or damage due to natural calamities. MES will not be held liable for any damage on products or items inside the cold room.

VALIDITY : 30 days.

We trust the above quotation merits your attention and we look forward to serving your requirement soon. Should you need any further clarification, please do not hesitate to contact us.

Metri Engineering Services W.L.L

