ContactInfo

SupplierName

SupplierType

SupplierID

SUPPLIER

SupplierType

d

INTL SUPPLIER

LOCAL SUPPLI

ImportTax

FName

LName

Name

ClientID

Address

PostalCode

CLIENT

PhoneNumber

ClientType
(R/C)

N

PURCHASES

PurchaseQty

M

ItemQty

ItemPrice

PowerType

ELECTRICAL ITEM

V/Ph

Supplier

ItemType

N   SUPPLIES   M

ITEM

ItemType

d

ItemID

OrderQtyLimit

NON-ELEC ITEM

ER

N

OrderQty

Not sold on this
relation but I dont
think orderline should
have its own entity

ORDERED VIA
ORDERLINE

have its own entity

Entity Diagram

OrderID (attribute)

OrderDate (attribute)

OrderText (attribute)

1..M

ORDER (entity)

Relational Schema

ITEM

ItemID	Supplier	ItemType	ItemPrice

SUPPLIER

SupplierID	SupplierType	SupplierName	ContactInf

ORDER

OrderID	OrderDate

ORDER_LINE

Item	OrderID	OrderQty	OrderText

CLIENT

ClientID	FName	LName	Address

PURCHASE

ClientID	Item	Qty

	OrderQtyLimit	PowerType	V/Ph

fo	ImportTax

t

	PostalCode	PhoneNumber	ClientType