



Customer Service Directorate.
Support Services Department.
Power Services Section.

FM.CS/SSD. 10-01

SA NO: _____

SA Date: _____

Please propose the supply arrangements for the following project, mark the cable entry & electrical room

Location on the documents enclosed.

1- Owner Name : _____

2- Project Name : _____

3- Area : _____ 4- Plot No : _____ 5 - Type of Premise : _____

6 - Provisional date of the project completion : _____ / _____ / _____

7- Connection Type : New Connection (Tender Shop drawing)
 Reinforcement EX. Supply : AC NO: _____ M:NO : _____
 How many cable supplied from AADC network

8- Connected Load :	Existing	New	Total	
• Air Conditioning Load	_____	_____	_____	KW
• Other Loads	_____	_____	_____	KW
• Future Load (If any)	_____	_____	_____	KW
• Total Connected Load	_____	_____	_____	KW

9- Required Documents :

- Site Plan
- Electrical Site Layout
- Schematics Drwgs.
- Electrical Room Layout

We hereby declare all the above mentioned data are correct & in case any load changing is more than $\pm 10\%$, a **Revised** submission of supply arrangement request will be proceed . **We strongly undertake that,**
 1- We shall officially report to AADC three months before completion of Electrical Room.
 2- Any change request for approved E/R location we shall resubmit for a new AADC approval within **TWO weeks** from receiving first AADC reply.

Contractor Name & Stamp :

Consultant Name & Stamp :

Date: _____ / _____ / _____

Contact Tel No :

Contact Tel No :

10-The Power Supply for LV side will be arranged as the following details by C.S.D :

1- Sub Station: Ex / New S/S No: _____ Capacity : _____ KVA Type : Indoor Outdoor
 2- Feeder Pillar No : _____ Existing New
 3- Service Turret No : _____ Existing New
 4- Cable Size : From Feeder Pillar / Service Turret to the Consumer's Main Switch

No's run of 4C X (240 , 185 , 120 , 70, 50 , 25, 16) mm² Cu. SWA cable.

1- Existing Load if any shall be diverted to new MDB: 2- Approved AS GIS As per site visit

1- Others :

Eng& S.Eng

Eng& S.U. Head

P.S.S.Head

11-The Power Supply for HV side will be arranged as the following details by A.M.D :

1-Sub Station :

Existing S/S No : _____ Capacity : _____ KVA Type : Indoor Outdoor
 New S/S No : _____ Capacity : _____ KVA Type : Indoor Outdoor
 Location : Inside the owner Plot Outside the owner plot

2- Building Construction By : AADC Consumer

3- Cable Size : From Transformer to LV Panel Main Breaker:

No's run of (1C X 630 mm², 4C X 240 mm²) Cu. AWA cable.

2- Detail drawings of the HV& Transformer rooms if any must be submitted for AADC approval

3- Others :

P.N.P.E

P.N.P.S.E

P.N.P.S.H



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SA NO: _____

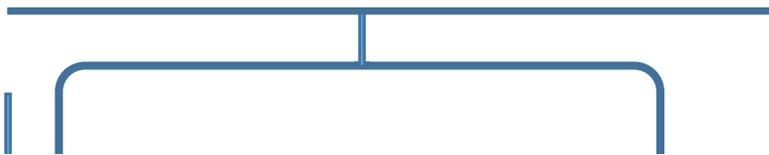
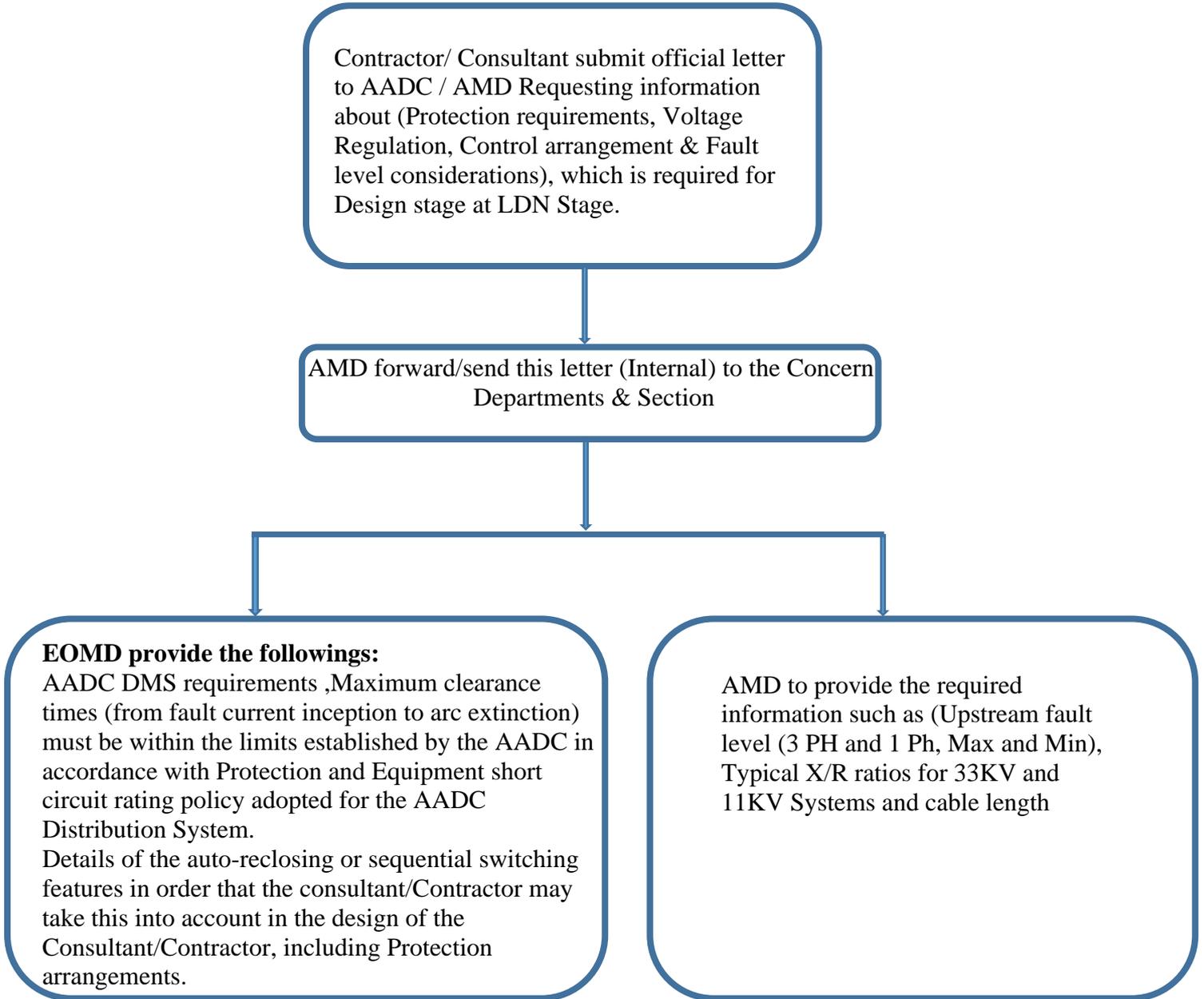
SA Date: _____

The following details must be provided or attached report by consultant/Contractor where it is require

1- For supplies Low voltage the following required field to be filled			AADC Comments
1.1	Maximum power requirements (kVA)		
1.2	No of Motors		
1.3	Motor Size		
1.4	Electrical heating arrangement type		
1.5	Electrical cooling arrangement type		
1.6	(EVSE - Electrical Vehicle Supply Equipment) - (KW)		
1.7	Solar Photovoltaic System - (KWp)		
2- For supplies other than at Low Voltage the following comprehensive information to be provided :			
2.1	All types of Demand	Attached	
2.2	Maximum User apparent Power requirement (MVA)	Attached	
2.3	Maximum and minimum Reactive Power requirements;	Attached	
2.4	Type of load and control arrangements eg controlled rectifier or large motor drives, type of starter employed, stored motor current and started current;	Attached	
2.5	Maximum load on each phase at time of maximum Demand;	Attached	
2.6	maximum harmonic currents to be imposed on the DISCO Distribution System	Attached	
2.7	Fluctuating Loads: Details of the cyclic variation, and where applicable the duty cycle, of Active Power (and Re-active Power, if appropriate), in particular:	Attached	
2.8	the rates of change of Active and Reactive Power, both increasing and decreasing	Attached	
2.9	the shortest repetitive time interval between fluctuations in Active Power and Reactive Power; and	Attached	
2.10	The magnitude of the largest step changes in Active Power and Reactive Power, both increasing and decreasing.	Attached	
2.11	In case of customer will have embedded generation Demand forecast and generating plant output information as per Distribution Cod / OPERATING CODE clauses 1.1,1.2 and 1.3	Refer to Flow Chart DOC 1.1	
3- The following details could be provided by AADC upon customer / consultant/Contractor formal request			
3.1	Voltage regulation	Refer to flow Chart	
3.2	Control arrangements	Refer to flow Chart	
3.3	Protection requirement (customer to provide internal network design along with request).	Refer to flow Chart	
4.4	DMS requirement	Refer to flow Chart	

 <p>شركة العين للتوزيع Al Ain Distribution Company</p>	<p>Customer Service Directorate. Support Services Department. Power Services Section. FM.CS/SSD. 10-01</p>	<p>SA NO: _____ SA Date: _____</p>
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The following Flow chart must be provided by consultant/Contractor where it is require



AMD and forward the collected information the Contractor/ Consultant via official letter.



END Procedure



END Procedure