

APPLICATION TO NEPRA

BY

DHA LAHORE PH XII

(EX EME COOP HOUSING SOCIETY LHR)

FOR

DISTRIBUTION LICENSE



INDEX

- APPLICATION FOR DISTRIBUTION LICENSE
- BANK DRAFT FOR DISTRIBUTION LICENSE FEE
- DOCUMENTS IN SUPPORT
 - ADMINISTRATIVE DOCUMENTS
 - TECHNICAL DOCUMENTS



APPLICATION FOR DISTRIBUTION LICENSE





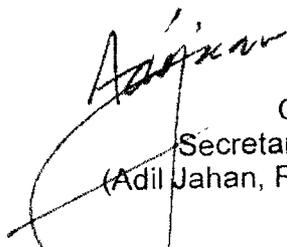
Defence Housing Authority
Main Office Complex
Sector A, Commercial Area, Phase VI,
Lahore Cantt
Telephone Number: 042-111 342 547
Fax No.042-37180376, 37180295
No. 235/DHA-EME/CE(Civ)

12 March 2015

To, The Registrar
National Electric Power Regulatory Authority
NEPRA Tower
Attaturk Avenue (East),
Sector G-5/1, Islamabad

Subject: APPLICATION FOR DISTRIBUTION LICENSE FOR DEFENCE HOUSING AUTHORITY LAHORE PHASE-XII EME SECTOR

1. I, Col (Retd) Adil Jahan, Secy DHA being the duly authorized representative of Defence Housing Authority Lahore Phase-XII EME Sector by virtue of (Board Resolution / Power of Attorney), hereby apply to the National Electric Power Regulatory Authority for the grant of a Distribution License to the Defence Housing Authority Lahore Phase-XII EME Sector pursuant to section (20) of the Regulation of Generation, Transmission and Distribution of Electric Power Act, 1997.
2. I certify that the documents-in-support attached with this application are prepared and submitted in conformity with the provisions of the National Electric Power Regulatory Authority Licensing (Application and Modification Procedure) Regulations, 1999, and undertake to abide by the terms and provisions of the above-said regulations. I further undertake and confirm that the information provided in the attached documents-in-support is true and correct to the best of my knowledge and belief.
3. A pay order No 11897113 dated 04 Feb 2015 in the sum of Rs 480,000/- being the nonrefundable license application fee calculated in accordance with Schedule II to the National Electric Power Regulatory Authority Licensing (Application and Modification Procedure) Regulations, 1999, is also attached herewith.


Colonel
Secretary DHA
(Adil Jahan, Retired)

BANK DRAFT FOR DISTRIBUTION LICENSE FEE



0634 5000 Allied Bank

ALLIED BANKERS CHEQUE

ABC No. AAA 11897113

Date

04 FEB 2015

PAY 0634 EME-H-SOCIETY LAHORE

NOT OVER PKR ***480,000.00***

OR ORDER

RUPEES

NEPRA ON A/C DRA LAHORE- EMF SECTOR

FOUR HUNDRED AND EIGHTY THOUSAND ON

Rs.

FOR ALLIED BANK LIMITED

Payable at issuing branch ***480,000.00

Please debit Account No.

PKR1757100010634

of branch 0634

Authorized Signatory IBS No.

Authorized Signatory IBS No.

DO NOT WRITE BELOW THIS LINE

⑈ 11897113⑈0140634⑈0001757100010000⑈010⑈



DOCUMENTS IN SUPPORT



ADMINISTRATIVE DOCUMENTS



ADMINISTRATIVE DOCUMENTS

INDEX

- A. INFORMATION (UNINCORPORATED APPLICANT)
- B. DETAILED PROFILE OF EXPERIENCE OF THE APPLICANT, MANAGEMENT STAFF AND MEMBERS IN THE ELECTRICITY INDUSTRY
- C. CURRICULUM VITAE OF THE APPLICANT'S SENIOR MANAGEMENT, TECHNICAL AND PROFESSIONAL STAFF
- D. EVIDENCE, SATISFACTORY TO THE AUTHORITY, OF THE AVAILABILITY OF ADEQUATE FINANCIAL AND TECHNICAL RESOURCES TO THE APPLICANT CONSISTS OF;
 - i) FINANCIAL DOCUMENTS (CERTIFICATE ATTACHED)
 - ii) EMPLOYMENT RECORDS OF ENGINEERING AND TECHNICAL STAFF
 - iii) VERIFIABLE REFERENCES IN RESPECT OF THE EXPERIENCE OF THE APPLICANT AND ITS SUB-CONTRACTORS
- E. DETAIL OF ANY CHARGES OR ENCUMBRANCE ATTACHED TO THE COMPANY ASSETS
- F. TECHNICAL AND FINANCIAL PROPOSALS IN REASONABLE DETAIL FOR THE OPERATION, MAINTENANCE, PLANNING AND DEVELOPMENT
- G.
 - i) TYPE, TECHNOLOGY, MODEL, TECHNICAL DETAILS AND DESIGN OF THE FACILITIES
 - ii) TERRITORIAL MAP OF THE SERVICE
 - iii) PARTICULARS IN RESPECT OF THE AVAILABILITY, SOURCES & RATES AND EVIDENCE OF COMMITMENTS FROM THE SOURCES OF ELECTRIC POWER



INFORMATION (UNINCORPORATED APPLICANT)





Defence Housing Authority
Office Complex
Sector-A, Phase-VI DHA Lahore Cantt
Telephone Number: 042-111-342-547
Fax No. 042-37180295
No. 235/DHA-EME/CE(Civ)

12 March 2015

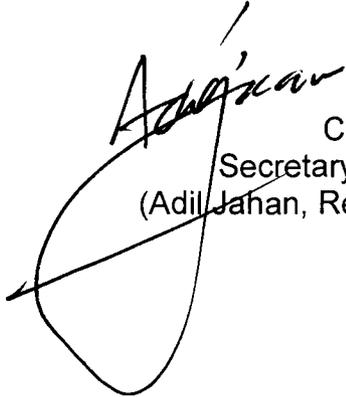
To: The Registrar
National Electric Power Regulatory Authority
NEPRA Tower
Attaturk Avenue (East),
Sector G-5/1, Islamabad.

Subject: Application for Distribution License from Defence Housing Authority Lahore Phase-XII EME Sector Justification for Exemption of Certificate of Incorporation

Dear Sir,

1. It is kindly submitted that DHA Lahore Phase-XII EME Sector is submitting Application to NEPRA for Distribution License for Electrical Distribution System at EME Sector.
2. In this regard, it is informed that Defence Housing Authority Lahore by virtue of section 3 of the Defence Housing Authority Ordinance 2002 is a body corporate having a perpetual succession and common seal, with the power to enter in contracts, sue and be sued in its name, consequently DHA Lahore being a statutory corporation is eligible under section 24 of NEPRA Act to apply for the Distribution License.
3. It is therefore requested that DHA Lahore Phase-XII EME Sector be exempted from the requirements of submission of certificate of incorporation and Memorandum and Articles of Association under section 3 (5) (a) of the NEPRA Licensing (Application and Modification Procedure) Regulations, 1999" regarding their application to NEPRA for Distribution License. The same is submitted for further proceeds of our Application to NEPRA for Distribution License of DHA Lahore Phase-XII EME Sector.

With best regards,


Colonel
Secretary DHA
(Adil Jahan, Retired)

Info: DHA EME Sector

M/S Power Com Consultant
First Floor Plaza # 73/6, Block-K
CCA Phase-I, DHA Lahore

REGISTERED No. M - 302
L.-7646

The Gazette  **of Pakistan**

EXTRAORDINARY
PUBLISHED BY AUTHORITY

ISLAMABAD, THURSDAY, SEPTEMBER 19, 2002

PART I

Acts, Ordinances, President's Orders and Regulations

GOVERNMENT OF PAKISTAN

MINISTRY OF LAW, JUSTICE, HUMAN RIGHTS AND
PARLIAMENTARY AFFAIRS

(Law, Justice and Human Rights Division)

Islamabad, the 19th September, 2002

F. No. 2(4)/2002-Pub.—The following Order promulgated by the Chief Executive is hereby published for general information :—

CHIEF EXECUTIVE'S ORDER No. 26 OF 2002

AN

ORDER

to provide for the reconstitution of Defence Housing Authority at Lahore

AND WHEREAS it is expedient to provide for the reconstitution of Defence Housing Authority at Lahore and to provide for the matters connected therewith or incidental thereto,

AND WHEREAS the Chief Executive is satisfied that circumstances exist which render it necessary to take immediate action;

(1199)

NOW THEREFORE, in pursuance of the Proclamation of Emergency the 14th day of October, 1999, and Provisional Constitution Order No. 1 of 1999, and the exercise of all powers enabling him in that behalf, the Chief Executive of the Islamic Republic of Pakistan is pleased to make and promulgate the following Order:—

1. **Short title, extent and commencement.**—(1) This Order may be called the Defence Housing Authority Lahore Order, 2002.

(2) It extends to the specified areas.

(3) It shall come into force at once.

2. **Definitions.**—In this Order, unless there is anything repugnant in the context,—

(a) “Administrator” means the Administrator of the Authority appointed under clause (5) of Article 4;

(b) “Authority” means the Defence Housing Authority Lahore established under this Order;

(c) “Chairman” means the Chairman of the Governing Body;

(d) “Club” means the Defence Club Lahore;

(e) “Executive Board” means the Executive Board constituted under this Order;

(f) “Governing Body” means the Governing Body constituted under this Order;

(g) “Prescribed” means prescribed by the rules or regulation;

(h) “President” means the President of the Executive Board;

(i) “Project” means any project of housing or development of land undertaken or planned by the Authority;

(j) “Controlled area” means an area notified as such by the Authority;

(k) “Member” means a member of the Authority and includes its Chairman;

- (d) "Regulations" means regulations made under this Order;
- (e) "Rule" means rules made under this Order;
- (f) "Scheme" means any financial scheme or development scheme under taken, planned or made by the Authority;
- (g) "Secretary" means the Secretary of the Authority;
- (h) "Specified area" means all land acquired by or leased to the Authority in any manner before the commencement of this Order and includes any land that may be acquired by, or leased to the Authority after such commencement; and
- (i) "Vice-Chairman" means Corps Commander Lahore of the Pakistan Army.

3. **Establishment of the Authority.**—(1) There shall be an Authority established by the Federal Government to be known as the Defence Housing Authority for carrying out the purposes of this Order.

(2) The Authority shall be a body corporate, having perpetual succession and a common seal, with power to acquire and hold property and to enter into contracts, and may by the said name sue and be sued.

4. **Management.**—(1) The general direction and administration of the affairs of the Authority shall vest in the Governing Body which shall consist of the following members, namely :—

- (a) The Secretary, Ministry of Defence..... *Chairman*
- (b) The Corps Commander, Lahore..... *Vice Chairman*
- (c) Administrator..... *Member*
- (d) Two co-opted civilians..... *Member*
- (e) Secretary of the Authority..... *Member*

(2) There shall be an Executive Board which shall exercise all the administrative, executive and financial powers and do all acts and things, which may be exercised or done by the Authority but under the guidance and directions on questions of policy by the Governing Body. The Executive Board shall be bound to carry out the instructions of the Governing Body issued from time to time.

- (3) The Executive Board shall consist of Corps Commander Lahore Corps as its President and the Administrator of the Authority, two co-opted resident civilian members and the Secretary of the Authority as members.
- (4) The co-opted resident members, to be appointed by the Governing Body and Executive Board above, shall be for a period not exceeding two years at a time and shall not have the right to vote.
- (5) The Administrator shall be appointed by the Chief of the Army Staff who shall perform such functions as may be assigned to him by the Governing Body.

5. **Meetings of Governing Body and Executive Board.**—(1) The Governing Body shall meet at least once every year, on such date, time and place as may be fixed by the Chairman, and at such meetings it shall approve the budget and audit report of the Authority laid before it by the Executive Board and review the progress and activities of the authority as well as to lay down the matters of policy for the guidance of the Executive Board and transact such other business as may be laid before it by the Executive Board.

(2) The Executive Board shall meet as often as may be required, or considered necessary by the Administrator in consultation with the President and at such meetings shall transact such business as may be laid before it by the Administrator.

(3) The meetings of the Governing Body shall be presided over by the Chairman and, in his absence, by the most senior member of the Governing Body.

(4) The meetings of the Executive Board shall be presided over by the Administrator and, in his absence, by the most senior member of the Executive Board.

(5) All meetings of the Governing Body and the Executive Board shall be convened by the Secretary who shall record, maintain and keep the minutes of all such meetings.

6. **Annual report and accounts.**—The Executive Board shall submit to the Governing Body, as soon as may be after the end of every financial year but before the thirty first day of December next following, a general report on its affairs including accounts, balance sheet and audit report for the year.

7. **Powers, duties and functions of Executive Board.**—(1) Subject to other provisions of this Ordinance, the Executive Board may take such measures and exercise such powers as may be necessary for carrying out the purposes of this Ordinance.

Without prejudice to the generality of the foregoing powers, the Executive Authority may

- (a) acquire any land in accordance with the Land Acquisition Act, 1894 (1 of 1894) in the Province of Punjab;
- (b) undertake any works in pursuance of any scheme or project;
- (c) incur any expenditure;
- (d) procure plant, machinery, instrument and necessary materials;
- (e) impose, recover, alter, vary or enhance development charges, instalments, cost of apartments, housing units of scheme, commercial projects and transfer fees and other charges in respect of any property, plot or project with in the area of the Authority;
- (f) enter into contracts;
- (g) plan, develop and execute new developments and projects through joint ventures with local and international agencies, institutions and individuals;
- (h) plan, approve and execute mergers and amalgamations with other adjoining housing schemes or cooperative housing societies that may be considered expedient for the overall growth of the Authority but subject to the approval of the Governing Body;
- (i) lease, purchase, acquire, sell, exchange, rent out or otherwise dispose of any land/property vested in the authority;
- (j) cancel or re-plan any housing, commercial or amenity unit, its planned housing project or scheme either in default of payment of instalments called for, or in violation of any terms and conditions for such project or scheme by all allottees, transferees or lessees;
- (k) do all such acts, deeds and things that may be necessary or expedient for the purpose of proper planning and development of the specified area; and
- (l) prepare and after its approval by the Governing Body, execute rules and regulations relating to the employment and termination of employees, staff and consultants working in the Authority.

8. **Powers of the Executive Board to raise funds.**—The Executive Board may raise a fund for the purpose of generating its working capital in such manner as it may think proper, through loans or levy of any charges as it may by rules prescribe.

9. **The Administrator, his powers, duties and functions.**—(1) The Administrator shall be the chief executive officer of the Authority and shall exercise all executive powers of the Authority delegated or otherwise, in accordance with the policy laid down by the Governing Body and the directions or decisions of the Executive Board subject to the provisions of this Order, the rules and regulations.

(2) The Administrator shall, either by himself or through any officer appointed by the Executive Board in this behalf, carry on the correspondence and shall sign, verify, persue and file all plaints, written statements, memo of appeals, affidavits, petitions, applications, vakalatnamas and such other documents on behalf of the Authority, in any suit, appeal, petition and proceedings which may be instituted, commenced and filed by or against the Authority in or before any court, tribunal or authority.

10. **Appointment of officers and staff.**—The Executive Board may appoint such officers, functionaries, employees, staff, experts, consultants and advisors as it may consider necessary for the performance of the functions of the Authority under this Order and in such manner and on such terms and conditions as may be prescribed by rules.

11. **Delegation of powers.**—The Governing Body, the Executive Board and the Administrator may delegate to any person, subject to such conditions as it may impose, all or any of their powers, duties and functions under this Order.

12. **Committees.**—The Authority, the Governing Body and the Executive Board may constitute such committees as may be necessary for the efficient performance of their respective functions and assign to such committees such functions as it may deem necessary.

13. **Functions of the Authority.**—The Authority may do all such acts and things as may be necessary for the planning and development of and for providing and regulating housing facilities in the area notified by the Authority.

14. **Authority Fund.**—(1) There shall be fund to be known as the "Defence Housing Authority Lahore Fund" which shall vest in the Authority and to which shall be credited all moneys received by the Authority.

(2) The fund shall be kept in such custody and shall be utilized and regulated in such manner as may be prescribed.

Budget, Audit and Accounts.—The budget of the Authority shall be prepared and its accounts shall be maintained and audited in such manner as may be prescribed.

16. Recovery of sums due to the Authority.—Any sum payable to the Authority shall be recoverable as arrears of land revenue.

17. Power to cancel allotment.—The Governing Body or the Executive Board may cancel, revoke or rescind any allotment, transfer, license, lease or agreement in respect of any plot or scheme in the specified area if the allottee, licensee or licensee fails to pay the dues or instalments including development charges in respect of such plot or housing unit within three months from the date of issue of the demand in writing or within such extended time as the Governing Body or Executive Board may, in special cases, fix and thereupon the plot or the housing unit, with or without construction thereon, shall be resumed and vest in the Authority.

18. Conversion of property to a different use.—Any conversion of property to a different use or purpose other than the one provided under a scheme sanctioned by the Authority by a person without the previous approval of the Authority in writing, shall be punishable with fine which may extend to two thousand rupees per day from the date of its conversion till the default continues or with imprisonment for a term which may extend to six months or with both.

19. Removal of building erected or used in contravention of this Order.—(1) If any building, structure, work or land is erected, constructed or used in contravention of the provisions of this Order or any rules, regulations or orders made thereunder, the Authority or any person authorized by it in this behalf, may by order in writing, require the owner, occupier, user or person in control of such building, structure, work or land to remove, demolish or alter the building, structure or work or stop its use in such manner as may bring such erection, construction or use in conformity with the provisions of this Order.

(2) If an order under sub-section (1), in respect of any building, structure or land is not complied with in such time, as may be specified therein, the Authority or any person authorized by it in this behalf; may, after giving the person concerned an opportunity of being heard, remove, demolish or alter the building, structure or work, or stop the use of the land and in so doing, may use such force as may be necessary and may also recover the cost thereof from the person responsible for the erection, construction, nor use of the building, structure, work or land in contravention of the provisions as aforesaid.

20. **Employees etc. deemed to be public servants.**—All persons acting purporting to act in pursuance of any provisions of this Order shall be deemed to be public servants within the meaning of section 21 of the Pakistan Penal Code (Act No. V of 1860)

21. **Indemnity.**—No suit or the proceedings shall lie against the Authority, the Governing Body, the Executive Board, the Administrator, or any of their members, or servants for any thing done or purported to have been done by them in good faith under the Order, the rules or the regulations framed thereunder.

22. **Power to make rules.**—The Governing Body may, by notification in the official Gazette make rules for carrying out the purposes of this Order.

23. **Power to make regulations.**—The Executive Board may, by notification in the official Gazette, make such regulations not inconsistent with the provisions of this Order and the rules as it may consider necessary or expedient for the administration and management of the affairs of the Authority.

24. **Ordinance and override other laws.**—The provisions of this Order shall have effect notwithstanding any thing in any other law for the time being in force.

25. **Repeal and savings.**—(1) The Defence Housing Authority Lahore Ordinance, 1999 (Punjab Ordinance LI of 1999), is hereby repealed.

(2) Upon the commencement of this Order the Defence Housing Authority Lahore herein referred to as the Authority shall stand dissolved and upon such

(a) all assets, rights, powers, authorities and privileges and all property, movable and immovable, cash and bank balance, reserve funds, investments and all other interests and rights in or arising out of such property and all liabilities and obligations of whatever kind of the Authority shall be transferred to and vest in the Authority established under this Order;

(b) all contracts and agreements entered into, all rights acquired and all matters and things engaged to be done by, with or for the Authority or before such dissolution shall be deemed to have been entered into, acquired or engaged to be done by, with or for the Authority established under this Order;

(c) all leases executed and all grants made and all lands vested in the name of the Authority before such dissolution shall be deemed to be leases

executed and grants made and all land vested in the name of the Authority established under this Order;

- (d) all contracts, projects, schemes, work (whether in progress or not) and all guarantees, undertakings, obligations, liabilities and mortgages, executed or subsisting in the name of the Authority before such dissolution shall be deemed to be contracts, projects, schemes, works, guarantees, undertakings, obligations, liabilities and mortgages of the Authority established under this Order;
- (e) all pending disputes in respect of the Authority under section 54 or any other provision of the co-operative societies Act, 1925 (Sindh Act VII of 1925), shall stand transferred to and be decided by the Administrator and any party aggrieved by his decision shall have the right of appeal to the Executive Board whose decision thereon shall be final;
- (f) all appeals and revisions pending either before the registrar of the Provincial Government under the provisions of the aforesaid Act shall stand transferred to the Executive Board whose decision thereon shall be final;
- (g) all suits, petitions and other legal proceedings instituted by or against the Authority, Club or Foundation before such dissolution shall be deemed to be suits, petitions, and proceedings by or against the Authority established under this Order and shall be proceeded or otherwise dealt with accordingly;
- (h) all allotments and transfers of plots, whether residential, commercial or otherwise, made by the Authority before such dissolution shall be deemed to be allotments and transfers made by the Authority established under this Order.

Provided that the Executive Board may :-

- (i) cancel such allotments which were made or issued in contravention of the bye-laws of the Authority or the resolution of the Managing Committee of the Authority;
- (ii) alter the area of any plot involving duplicate allotments and re-allot the same in such manner as it may consider appropriate; and
- (iii) pass such orders in respect of transfer of plots involving duplicate allotments as it may deem fit; and

- (i) all bye-laws, rules or regulations in force immediately before the dissolution of the Authority shall continue in force until altered or rescinded by rules or regulations made by the Authority established under this Order.
- (j) notwithstanding anything to the contrary contained in any contract or agreement or in the conditions of service, every employee, functionary, officer, staff, expert, consultant and adviser of the Defence Housing Authority Lahore and the Defence Club shall on the commencement of this Order, stand transferred to the Authority established under this Order on the same terms and conditions as were applicable to him before such commencement until and unless his employment under the Authority is terminated in accordance with the terms and conditions of service; and
- (k) notwithstanding anything contained in sub clause (j) or in any contract of service, the Executive Board may alter the terms and conditions of service of the employees, staff functionaries, officers, experts, consultants and advisors in such manner as may be prescribed by rules provided that such alterations of conditions of services shall not be varied to the disadvantage of the employees concerned.

26. **Removal of Difficulties.**—If any difficulty arises in giving effect to any provision of this Order, the Federal Government may give such directions as it may consider necessary for the removal of such difficulty.

GENERAL
PERVEZ MUSHARRAF,
*Chief Executive of Islamic Republic of Pakistan
and the Chief of the Army Staff.*

MR. JUSTICE
MANSOOR AHMED,
Secretary

**DETAILED PROFILE OF EXPERIENCE OF THE
APPLICANT, MANAGEMENT STAFF AND MEMBERS IN
THE ELECTRICITY INDUSTRY**



DETAILED PROFILE OF THE EXPERIENCE OF DHA EME SECTOR
(PHASE – XII) MULTAN ROAD LAHORE

1. EME Co-operative Housing Society Limited was registered on 26.04.1987 with the office of the registrar cooperative societies Islamabad (Annexure 'A')
2. Total area of the society is 634 Acres and located at 14 Km on Multan Road Niaz Baig Thokar Lahore. Map of Lahore and Sketch of EME Sector (Phase – XII).
3. Organization chart and details of Management is attached as (Annexure 'L').
4. The EME Society was granted one point supply by Area Electricity Board / WAPDA under reference Number 24-1235-90000100-U on C-2 tariff, having sanctioned load as 4000 KW and fed through an independent 11 KV EME Feeder from 132 KV Grid Station Chung Lahore vide chairman AEB WAPDA Lahore letter number 42285-92/Design/DRW/228-ACAEB dated November 07, 1993 photo copy attached as (Annexure 'B').
5. Irrigation and Power Department Govt. of Punjab granted EME Society License to engage in the business of supplying energy vide U.S (P)(I&P)4-30/95 dated 08.10.1995 (Annexure 'C').
6. Agreement between M/s EME Co-operative Housing Society Ltd and Govt. of Punjab was signed dated 10.10.1995 to engage in the business of supplying electric energy (Annexure 'D').
7. The society was also registered in the office of the Deputy District Officer Cooperative / Circle Registrar Lahore with effect from June 22, 2006 (Annexure 'E').
8. Later on the EME Co-operative Housing Society was merged in Defence Housing Authority Lahore in the Name of DHA Lahore EME Sector with effect from August 23, 2006 .(Annexure 'F')
Office order No. RCS/H/L-255/2008-13 dated 29.11.2006 from the office of the Registrar Cooperative Societies Punjab, Lahore (Annexure 'F-A').
9. Since January 2015, the DHA Lahore EME Sector has been renamed as DHA Lahore Phase – XII vide ION number 20601/DHA of January 05, 2015 (Annexure 'G').



10. DHA Lahore EME Sector (Phase XII) has its own HV/LV distribution networks. WAPDA standard materials of the under mentioned firms have been installed:

- a. PCC Pole HT / LT & Hardware - M/s Creative Engineering
- b. Conductor - M/s Newage Cables Pvt Ltd
- c. Meters - M/s Syed Bhais / PEL
- d. Transformers - M/s Siemens / PEL
- e. LT Service Cables - M/s Newage Cables / Fast Cables

11. Presently DHA EME is being fed from an 11KV Feeder Supply from Chung Grid Station, Multan Road.

12. Proper maintenance of the networks is carried out regularly by its own crews. Regular inspection by Electric Inspector Govt. of Punjab, Lahore has been carried out. Photo copy of last inspection cert attached at (Annexure 'H').

13. Due to shortage of electric supply, case for construction of a 132 KV GIS Grid Station at EME on self-finance basis with the concerned authorities is under process and will be finalized soon for implementation.

14. All the electricity dues are always cleared in time and EME is never under default. There are no outstanding dues against the DHA Lahore EME Sector (Phase - XII) till to date. Photo copy of last paid bill at (Annexure 'J').\

15. DHA Lahore EME sector has more than nineteen year experience of successful operation and maintenance of Distribution System with more than 2600 consumers.

16. The management and technical staff has ample experience in the Electrical Power Sector.



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GOVERNMENT OF PAKISTAN
OFFICE OF THE REGISTRAR COOPERATIVE SOCIETIES
ISLAMABAD CAPITAL TERRITORY

CERTIFICATE OF REGISTRATION

I hereby certify that in pursuance to the provision of Cooperative Societies Act, 1925, the E.M.E COOPERATIVE HOUSING SOCIETY LIMITED
ISLAMABAD, Post Office , Tehsil and
District, Islamabad has this day been registered under No. 243

The area of operation is restricted to Federal Territory of Islamabad.

Given under my hand and Seal this 13th day of April, 1982.

(SEAL)

(HAJIB ULLAH KALJE)
REGISTRAR, COOPERATIVE SOCIETIES,
ISLAMABAD

.....

.....

Annex-B

WATER AND POWER DEVELOPMENT AUTHORITY

OFFICE OF THE
CHAIRMAN AEB,
WARDA LAHORE.

4228-82

Dated 7/11/1995

The Project Director,
Const:Circle) AEB Wapda,
Connaught Town, Lahore.

Subject:- ONE-POINT SUPPLY TO EME CO-OPERATIVE HOUSING SOCIETY LIMITED, LAHORE.

Reference the request of the above cited applicant on the AEA forms to this office, regarding One-Point supply to their Housing Scheme.

Sanction for a load of 4000KW under Tariff C-2(i) against App: No.1/C-2(1) dated 03.08.95 in the name of Mohammad Amin Khan, EME Co-operative Housing Society Ltd; 36-H, EME Housing Society, Post Office Chung, Multan Road Lahore, on 11KV Bulk Supply through an independent 11KV Feeder, originating from 132/11KV Chung Grid Station, is hereby accorded with the following conditions :-

1. An independent 11KV Feeder with ACSR(Ospray) Conductor from 132/11KV Chung Grid Station shall be constructed as shown on the rough route sketch attached. At the cost of the applicant, the details of which are as under :-
 - i) From point A to B & B to C, the line shall be constructed as single circuit on 36' P.C.C. Poles.
 - ii) From point B to C, the line shall be constructed as Double Circuit with the existing 11KV Defence road feeder.
 - iii) From point C to D, the line shall be constructed by crossing the road/canal with 40' Steel Structures.
 - iv) The maximum span length for P.C.C.Poles will be 20'.
2. Provide Stays/Steel-Stays where required.
3. Provide 11KV X-06 Cable of size 500 MCM at Grid-line from the Panel to the First Terminal Pole and from the Pole to the Metering Panel of the prospective consumer at his cost.
4. Independent 11KV Panel at the Grid Station shall be provided for the prospective consumer at his cost.

[Signature]P72

1. The prospective consumer shall have to provide 2 Nos. 11KV VCB or S.F.6 Circuit Breakers for metering and the other for protection purpose, as per Wapda Specifications F-44-8/ and the same shall be installed as per Wapda SMI, at his own cost.
2. Separation room shall be constructed by the prospective consumer at his own cost for Wapda Metering and the design of the room for housing Wapda Metering Panel, shall be as per Drawing No. CH-10-02. The room should be constructed on the outer periphery of the premises near the main gate having single door opening towards the main road.
3. The capacity of transformer/s to be installed by the prospective consumer at his premises should be restricted strictly according to the nearest standard rating as per his sanctioned load.
4. 2 Nos. Circuit Breakers (VCB or S.F.6) to be provided by the prospective consumer at his premises i.e. one for Wapda Metering and the other for Protection of his system must have proper tripping system according to Wapda design and Specifications. The metering/protection/controlling panel shall be installed by the prospective consumer at the place of his convenience for control of transformer/s and other system.
5. The time grading and plug-setting of relays at the metering/controlling breaker shall be so adjusted that in case of any momentary or permanent fault the metering breaker trips before the metering breaker and the outgoing breaker at the Grid Station.
6. All the installations at the consumer's premises shall be inspected and certified by the Electrical Inspector to Govt. of Punjab for issuance of necessary A.U.C. regarding energization of the supply at 11KV.
7. The prospective consumer shall have to install power factor correction equipments at his own cost to ensure that the power factor of his load does not fall below 90%. This must be ensured before energizing the consumer's installation.
8. The C.I.'s for metering and protection purpose at the consumer's premises should be restricted strictly according to the nearest standard ratio as per sanctioned load of the prospective consumer.

[Handwritten Signature]

- (10)
13. The requirements of the connection 11KV Cable and other equipments connected at the consumer's premises should not be checked from the Xero of Division Wapda, Lahore.
 14. The requirements as per Sr.No.5,6,7,8 and 12 above should be entered by the Xero Operation concerned while verification of the test Report and later by the Committee while energization of the connection. Xero W/O should also make necessary adjustments to the possible extents of the load & timings of the tripping system to restrict the consumer within his sanctioned load despite caring for the requirement of Sr.No. 9 above.
 15. Standard 1000DlxVAKH 3-phase, 4-Wire 11KV Motors as approved by Wapda for such consumers shall be installed for metering purpose at consumer's cost. The provision of Right-of-way for construction of the Meter well is the responsibility of the prospective consumer. In case at any stage for Right-of-Way any change is required, the cost involved in that change shall have to be borne by the prospective consumer.
 16. All the work should be executed according to Wapda Standard Design and Specifications.
 17. After completion, the job at site, the as built drawings may be supplied to this office for reference and record.
 18. If while erecting the line as per site position, any minor changes are required, those should be taken care-of accordingly under intimation to this office.
 19. All other departmental formalities should be fully observed before taking the work in hand.
 20. The erection and maintenance of internal system will be the responsibility of the Applicant as per provision of applicable tariff.

...../78


15

the work of the ... on ...
the ... from the office.

M. Q. Yousaf
(ENGR. MUHAMMAD YOUSAF)
CHAIRMAN
AEB, WAPDA, LAHORE.

Copy of the Sketch.

No. 1-

- 1. Director Account ... Lahore, for information and with the request ... as soon as the amount of Capital ... is realized in his account, the same may be trans-ferred to M.D. (Genl) AEB Lahore, through Credit Advice.
- 2. Dir. Genl. Lahore ... Lahore for information.
- 3. Dir. Genl. Town Devt. Wapda, Lahore.
- 4. The electrical Inspector Govt. of Punjab, G-0 Jail Walthr
- 5. Genl M&I Divn: Rawalpindi, Lahore.
- 6. M.D. G.I. Town Devt. Wapda, Lahore, for information. He is advised to submit to this office as soon as the ... of ... requests ... realized in his account.
- 7. ... Main ... Supply Society Ltd. ... Road, Lahore, for information with ref: to above.
- 8. ... for Estimation Cost & the other ... for making ...

Annex. C
27

GOVERNMENT OF THE PUNJAB
IRRIGATION AND POWER DEPARTMENT

NO.U.S(P)(I&P)4-30/95

Dated Lahore, the 1st Oct. 1995

NOTIFICATION

In exercise of the powers conferred upon him by Section 28 of the Electricity Act, 1910 (Act No. IX of 1910), the Governor of the Punjab is pleased to give sanction to M/S EME CO-OPERATIVE HOUSING SOCIETY LTD CHUNG MULTAN ROAD to engage in the business of supplying energy in accordance with the following conditions:-

1. (a) Unless the context otherwise requires, the following expressions shall have the meanings hereby, respectively assigned to them, that is to say:-
 - (i) "Act" means the Electricity Act, 1910.
 - (ii) "Company" means M/S EME CO-OPERATIVE Housing Society Ltd. 36-H, P.O Chung Multan Road, Lahore.
 - (iii) "Electric Inspector" means the Electric Inspector to Government of the Punjab
 - (iv) "Government" means the Government of the Punjab.
 - (v) "Unit" means one kilowatt Hour.
- (b) Expressions, words and terms used, but not defined in this notification shall have the same meanings as are assigned to them in the Electricity Act, 1910 or in the rules made thereunder:-

2. AREA OF SUPPLY

The area of supply shall be, the area which is marked in the map or the area which is permitted by the Government for the distribution of electricity supply from time to time.

3. SCOPE OF SUPPLY

The supply of energy shall be confined to the Area of Supply.

4. AERIAL LINES

The Company shall not energize any aerial line unless the same has been inspected and approved by the Electric Inspector.

5. APPROVAL OF THE DISTRIBUTION NETWORK

- (a) After preparing the complete plan of distribution network, the company shall apply to the Electric Inspector for its Scrutiny from technical points of view and approval. The Company shall give details of the distribution network, methods of construction of the Aerial Lines etc.
- (b) The Electric Inspector shall, thereafter examine the said plan and may approve the same or may advise certain amendments as may be necessary.
- (c) Any addition/alteration in the already approved plan of distribution network shall also be subject to approval by the Electric Inspector.

Contd. 2/2

55

6.

NATURE OF SUPPLY

The nature and pressure of supply shall be alternating current, 50 cycles, 3 phase, 11,000 volts.

7.

APPLICABILITY OF THE ACT AND RULES

In addition to any other obligations imposed on it by the Act, the supply of energy by the Company shall be subject to the provisions of Section 9(2), 9(3), 17, 18(2), 19(1), 19(A), 21, 23, 24, 26, and 42 of the Act, Clause VIII, X, XIV, XV and XVI of the Schedule attached to the Act, and the Electricity Rules, 1937 and any modification thereof, with the exception of Chapter III and Rule 27 to the same extent as if the Firm was licensee under part II of the Act.

Provided that for the purpose of Clause VIII of the Schedule to the Act, the liability of the Company to supply energy to Government or any Local Authority shall be limited to the quantity available at the time of the requisition made under Sub-clause (i).

8.

LIST OF CONSUMERS

The Company shall furnish to the Electric Inspector in the first instance a list of the persons with their addresses at the places where the energy is supplied by it. Any addition or alternation in the said list shall also be reported by the company to the Electric Inspector at the close of each month.

9.

REMOVAL OF TRANSMISSION & DISTRIBUTION NET WORK

After the termination/cancellation of the sanction under section 28 of the Electricity Act, 1910, the Government may direct the Company by a written notice to remove within 30 days all installations made by it for the purposes supply of energy in the Area of Supply.

10.

GENERATION OF ENERGY

The Company shall generate the energy at its Thermal Power Station for distribution in its Area of Supply.

11.

CHARGES OF THE SUPPLY OF ENERGY

- (a) The charges for the supply of energy shall be the same which WAPDA charges from different categories of consumers. Any change in the said charges by WAPDA will mutatis mutandis apply to the Company also.
- (b) Upon initial connection the Company shall be entitled to charge the actual costs of material and labour plus an additional 15 percent thereof, subject to the provisions contained in clause VI of the Schedule annexed to the Act. This provision shall as such apply in case of extension or addition in the line.

12.

EXPIRATION OF THE SANCTION

This sanction shall take effect from date of issue and shall automatically expire after three years, from the date of signing agreement.

13. RIGHT OF THE GOVERNMENT TO TAKE OVER THE DISTRIBUTION NETWORK.

The Government shall have the right to take over the distribution network of the Company at any time, subject to a notice of six months in writing.

14. REVOCATION

Subject to a notice of one month in writing the Government may revoke this sanction at any time, if the Company fails to comply with any of the conditions of this Agreement or VIOLATES the relevant provisions of the Act, and the Rules framed thereunder.

15. ASSESSMENT OF THE VALUE OF THE DISTRIBUTION NETWORK

In case the Govt takes over the distribution network of the Company under condition No. 13 or 14, the value thereof shall be payable by the Government. Such value shall be determined by negotiations with the Company.

16. APPLICABILITY OF FINANCE ACT 1964

The supply of energy by the Company shall be subject to the Finance act 1964 and amendment thereof, in respect of payment of Electricity Duty.

17. ARBITRATION

In the event of any question or dispute arising under or in connection with this Agreement between the Government and the Company, the same shall be referred to a sole Arbitrator to be agreed upon within thirty (30) days by both parties. The same shall be referred to two Arbitrators, one to be nominated by each party. In case the two Arbitrators cannot decide within the period stipulated by law or agreed upon between the parties the dispute shall be referred to an umpire to be nominated by the said two Arbitrators in writing before proceeding with the reference. The decision of the sole Arbitrator, the said two Arbitrators or the umpire so appointed by them as the case may be, shall be final and binding upon the parties. Upon every and any such reference, the assessment of costs incidental to the reference and the award respectively shall be in the discretion of the sole Arbitrator, the two Arbitrators or the Umpire, as the case may be.

S. Mansoob Ali Zaidi
S. MANSOOB ALI ZAIDI

SECRETARY TO GOVERNMENT OF THE PUNJAB
IRRIGATION AND POWER DEPARTMENT

NO.U.S(P)(I&P)4-30/95

DATED LAHORE, 27th Oct. 1995

A copy is forwarded to the Superintendent, Government Printing Press Punjab Lahore with the request to publish the above notification in the next issue of the Punjab Government Gazette and supply ten copies of this Department.

SECTION OFFICER (POWER)

Contd.... P/4

(31)

NO.U.S(P)(I&P)4-30

DATED LAHORE, THE 8.10.1995

A copy is forwarded to:

1. General Manager (Operation WAPDA, WAPDA House
Lahore.
2. Chief Engineer (Power) Irrigation & Power Department
32-C Jail Road, Lahore.
3. Electric Inspector Lahore Region, Lahore.
- ✓ 4. N/s EME Co-operative Housing Society Ltd. 30
Post Office Chung, Multan Road, Lahore.

Section Officer (Power)

8/10/95

AGREEMENT BETWEEN THE M/S EME CO-OPERATIVE HOUSING SOCIETY LIMITED 36-H, P.O. CHUNG, MULTAN ROAD, LAHORE AND THE GOVERNMENT OF THE PUNJAB

This agreement made this 10th day of Oct. 1995 between M/S EME CO-OPERATIVE HOUSING SOCIETY LTD. 36-H, P.O. CHUNG, MULTAN ROAD LAHORE. (hereinafter called the company which expression shall include their successors and assigns) of one part and the Governor of the Punjab through the Secretary, Irrigation and Power Department, (herein-after called the "Government" which expression shall include its successors and assigns) of the other part.

WHEREAS the Government have vide their Notification No. U.S(D)/T&P/4-20/95 dated 8.10.1995 (hereinafter referred to as the said Notification) given sanction to M/S EME Co-operative Housing Society Ltd. 36-H, P.O. Chung, Multan Road, Lahore for section 28 of the Electricity Act, 1910 to engage in the business of supplying electric energy and have permitted the said company to take their electric transmission lines to the area of supply and to supply electrical energy to the said area and such other consumers as the Government may approve, upon the terms and conditions hereinafter appearing.

NOW THIS AGREEMENT WITNESSTH AS FOLLOWS:-

- (1) (a) Unless the context otherwise requires, the expressions used herein and defined in the said notification shall have the meanings respectively assigned to them in that notification.
 - (b) Expression, words and terms used, but not defined in the said notification shall have the same meanings as are assigned to them by the Electricity Act, 1910 or by the Rules made thereunder.
2. AREA OF SUPPLY:- The area of supply shall be, the area which is marked in the map or the areas which is permitted by the Government for the distribution of electric supply from time to time.
 3. SCOPE OF SUPPLY:- The supply of energy shall be confined to the area of supply.
 4. AERIAL LINES:- The company shall not energize any aerial line unless the same has been inspected and approved by the Electric Inspector Punjab.

Contd.....P/2

37

5. APPROVAL OF THE DISTRIBUTION NETWORK:-

- (a) After preparing the complete plan of distribution network, the company shall apply to the Electric Inspector Punjab for its scrutiny from technical points of view and approval. The Company shall give details of the distribution network, methods of construction of the Aerial Lines etc.
- (b) The Electric Inspector Punjab shall, thereafter examine the said plan and may approve the same or may advise certain amendments as may be necessary.
- (c) Any addition/alteration in the already approved plan of distribution network shall also be subject to approval by the Electric Inspector Punjab.

6. NATURE OF SUPPLY:- The nature and pressure of supply shall be alternating current, 50 cycles, 3 phase 11,000 volts.

7. LIABILITY OF THE ACT AND RULES:- In addition to any other obligations imposed on it by the Act, the supply of energy by the Company shall be subject to the provisions of section 9(2), 9(3), 17, 18(2), 19(1), 19(A), 21, 23, 24, 25 and 42 of the Act, Clauses VIII, X, XIV, XV and XVI of the schedule attached to the Act, and the Electricity Rules, 1937 and any modification thereof, with the exception of Chapter III and Rule 37 to the same extent as if the Firm was licensee under part II of the Act.

Provided that for the purpose of Clause VIII of the schedule to the Act, the liability of the Company to supply energy to Government or any Local Authority shall be limited to the quantity available at the time of the requisition made under Sub-clause (1).

8. LIST OF CONSUMERS:- The company shall furnish to the Electric Inspector Punjab in the first instance a list of the persons with their addresses and the places where the energy is supplied by it. Any addition or alteration in the said list shall also be reported by the company to the Electric Inspector Punjab, at the close of each month.

REMOVAL OF TRANSMISSION & DISTRIBUTION NETWORK:-

After the termination/cancellation of the sanction under section 28 of the Electricity Act, 1910, the Government may direct the company by a writ to remove within

2/10/95

[Handwritten signatures and initials]

30 days all installations made by it, for the purposes of supply of energy in the Area of supply.

10. GENERATION OF ENERGY:- The company shall generate the energy at its Thermal Power Station for distribution in its Area of Supply.

11. CHARGES OF THE SUPPLY OF ENERGY:-

(a) The charges for the supply of energy shall be the same which WAPDA charges from different categories of consumers. Any change in the said charges by WAPDA mutandis apply to the Company also. However, the energy Policy of the Federal Government shall prevail.

(b) Upon initial connection the Company shall be entitled to charge the actual costs of material and labour plus an additional 15 percent thereof, subject to the provisions contained in clause VI of the schedule annexed to the Act. This provision shall as such apply in case of extension or addition in the line.

12. EXPIRATION OF THE SANCTION:- This sanction shall take effect from date of issue and shall expire after three years, from the date signing agreement and shall be extendable.

13. RIGHT OF THE GOVERNMENT TO TAKE OVER THE DISTRIBUTION NETWORK.

The Government shall have the right to take over the distribution network of the company at any time, subject to applicable law and a notice of six months in writing.

14. REVOCATION:- Subject to a notice of one month in writing the Government may revoke this sanction at any time, if the Company fails to comply with any of the conditions of this Agreement or violates the relevant provisions of the Act, and the Rules framed thereunder.

15. ASSESSMENT OF THE VALUE OF THE DISTRIBUTION NETWORK:-

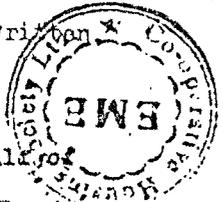
In case the Government takes over the Distribution network of the company under condition No. 13 or 14, the value thereof shall be payable by the Government. Such value shall be determined by negotiations with the company.

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16. APPLICABILITY OF FINANCE ACT 1964:- The supply of energy by the company shall be subject to the Finance Act, 1964 and amendment thereof, in respect of payment of Electricity duty.

17. ARBITRATION:- In the event of any question or dispute arising under or in connection with this Agreement between the Government and the company, the same shall be referred to a sole Arbitrator to be agreed upon within thirty (30) days by both parties hereto or failing that, to two Arbitrators, one to be nominated by each party. In case the two Arbitrators cannot decide within the period stipulated by law or agreed upon between the parties the dispute shall be referred to an umpire to be nominated by the said two Arbitrators in writing before proceeding with the reference. The decision of the sole, Arbitrator, the said two Arbitrators or the Umpire so appointed by them as the case may be, shall be final and binding upon the parties. Upon every and any such reference, the assessment of costs incidental to the reference and the award respectively, shall be in the discretion of the sole Arbitrator, the two Arbitrators or the Umpire, as the case may be.

IN WITNESS WHEREOF THE Secretary to Government of the Punjab Irrigation and Power Department, and the Vice Chairman of ~~M/S EME Co-operative Housing Society, Ltd.~~ 36-H Post Office Chung, Multan Road, Lahore for and on behalf of the Company have caused these presents to be duly executed the day and the year

first above written


For & on behalf of Chairman

SAEED ULLAH KHAN
C No 519-48-190126
Witness.

M. AMIN KHAN
251-67-399066

SHAIKH M YAHYA
CONSULTANT
NIC P 276-40-392211

FOR AND ON BEHALF OF THE GOVERNOR OF THE PUNJAB.

Muhammad Anwar
10/1/75
(MUHAMMAD ANWAR)
DEPUTY SECRETARY (POWER)

Waqeem Aschar
(ENGR: WAQEEM ASCHAR) 10/1/75
DIRECTOR (TECHNICAL)

OFFICE OF THE DEPUTY DISTRICT OFFICER COOPERATIVES / CIRCLE REGISTRAR, LAHORE.

REGISTRATION CERTIFICATE

*I hereby certify that pursuant to the provisions of
Cooperative Societies Act, VII of 1925,
"The Electrical & Mechanical Engineers(EME) Cooperative
Housing Society Limited, Lahore"
Has this day been registered vide No.1391*

Given under my hand and seal this 22nd day of June, 2006.

Nasir
22-6-06
(MUHAMMAD NASIR ATTA JAWA)
Deputy District Officer Cooperatives/
Circle Registrar, Lahore.
(with powers of Registrar)
etc.

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding is made at Lahore on the 21st day of October 2006

BETWEEN

Defence Housing Authority Lahore, an Authority constituted under the "Chief Executive Order No. 26 of 2002", hereinafter referred to as the Authority, acting through its Administrator.

AND

Electrical and Mechanical Engineers (EME) Co-operative Housing Society Limited, 60 at EMECHS, Multan Road, Lahore-53711, registered under the Co-operative Societies Act-1925, hereinafter referred to as the Society, acting through its Vice Chairman

WHEREAS the Authority is competent to approve and execute merger of a Co-operative Housing Society that may be considered expedient for the overall growth of the Authority

AND WHEREAS the Society is interested in merging with the Authority for more efficient management of the affairs of the Society and achieve Unity of Command

AND WHEREAS the merger is subject to the approval of the Governing Body of the Authority and it is expedient to have a Memorandum of Understanding (MOU) to initiate appropriate action and necessary legal formalities for this purpose

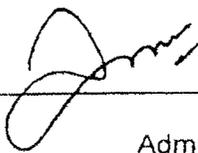
NOW, THEREFORE, THE PARTIES AGREE ON THE FOLLOWING TERMS AND CONDITIONS THROUGH THIS MEMORANDUM OF UNDERSTANDING:-

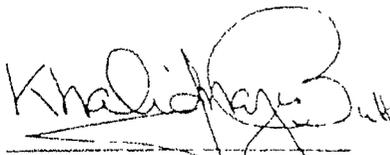
1. The EME Co-operative Housing Society shall be merged pursuant to the provisions of the Co-operative Societies Act-1925 as amended in 2006 with the Defence Housing Authority, Lahore and will be de-registered as the Co-operative Housing Society. After the completion of all the formalities of merger, the Society will be given the name and known as "Defence Housing Authority - EME Sector"
2. The area comprising in the housing scheme of the Society shall be merged with Defence Housing Authority, Lahore and shall become integral part of the area controlled and managed by the Authority and shall be notified as such by the Authority.

3. Notwithstanding the merger, the Defence Housing Authority - EME Sector shall remain a self accounting body within the overall control and directions of the Governing Body of the Authority
4. The Society shall initiate all necessary actions pursuant to the Co-operative Societies Act-1925, till its final de-registration from the role of the Co-operative Society including but not limited to holding of necessary Annual General Body Meeting, realization of all financial obligations of its creditors etcetera and through audit of its assets and liabilities. The **Authority** shall not accept any existing or future liability of the Society whether on the financial count or arising out of any litigation whatsoever
5. The "Defence Housing Authority - EME Sector", shall remain a Self Accounting Unit and its assets and liabilities shall be accounted for separately.
6. Vice Chairman of the EME Co-operative Housing Society shall be called Project Director of DHA - EME Sector.
7. On merger with the Authority, the Society will become part and parcel of the Authority and all the laws, rules and regulations of the Authority shall apply accordingly.
8. All contracts, projects, schemes, works (finished or in progress) and guarantees, undertakings, obligations, liabilities executed or subsisting in the name of the Society before such merger shall deem to be contracts, projects, schemes, works, guarantees, undertakings, obligations and liabilities of the **Defence Housing Authority - EME Sector**.
9. The issues and matters relating to the merger contained in this Memorandum of Understanding are not exhaustive but merely facilitative. The **Society** hereby undertakes to fully comply with the policies and orders of the Governing body issued from time to time with regards to merger.

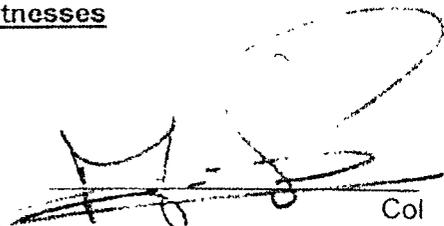
10 The Authority and the Society shall be responsible to take all those legal and administrative actions and do all those things which are necessary to achieve and implement the proposed merger

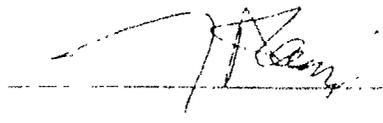
IN WITNESS WHEREOF the Parties have set their respective hands to this Memorandum of Understanding at Lahore on this the 21 day of October 2006


Brig
Administrator
(Fazal Nawaz Khan)
Defence Housing Authority
Lahore


Brig (Retired)
Vice Chairman
(Khalid Nazir Butt)
EME Co-operative Housing Ltd
Lahore

Witnesses

1. 
Col
Col Adm HQ 4 Corps
(Muhammad Suba Sandhu)

2. 
Brig
COS HQ 4 Corps
(Muhammad Azeem Asif)

COUNTERSIGNED


LI Gen
President
(Shafaat Ullah Shah)
Commander 4 Corps Lahore

21 Oct 2006

ORDER OF THE EXECUTIVE COMMITTEE SOCIETY'S BOARD OF DIRECTORS
ORDER

As resolved by the Special Board Meeting of the Executive Committee of the Housing Society Limited Lahore City on 23rd Nov 2005 in pursuance of the Housing Society (Lahore) Rules 1962 approved by the Government of Punjab, Lahore & hereby approved in pursuance of the Housing Society Act 1935 amended 2002.

The HMT Cooperative Housing Society Limited is hereby merged with the Entrance Housing Authority Lahore. A fresh registration number is attached.

Sd-

REHMAN
Chairman

10/20/05 HMT Lahore
10/20/05

Lahore

- 1. The Secretary to Government of the Punjab (Cooperatives) Department for further information
 - 2. District Officer Cooperatives, Deputy Registrar, Lahore (for information) dated 15/11/2005
 - 3. The Secretary Entrance Housing Authority Lahore for information and action
 - 4. The President Secretary of the Amalgamated EHF Cooperative Housing Society Limited Lahore (through FOC Lahore)
- Superintendent of Government Printing Press Lahore to print this order in the next issue of the Punjab Gazette

for *Mah*
Muneer
29/11/06
SECRETARY TO GOVT OF PUNJAB
LAHORE



OFFICE OF
THE ELECTRIC INSPECTOR
Energy Department, Government of the Punjab,
LAHORE REGION, BLOCK NO.1, IRRIGATION
COMPLEX, CANAL BANK, (DHARAMPURA), LAHORE.
Ph# 042-99250191, Fax# 042-99250380.

To ✓
M/S EME Housing Society, (DHA Sector),
4-KM Multan Road, Thokkar Niaz Baig,
Lahore.

Dated 25-2-2012 /2012

No.EIL/INS/272/ 983

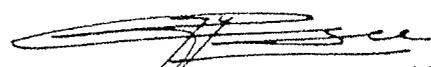
Subject:- PERIODIC INSPECTION OF M/S EME HOUSING SOCIETY, (DHA EME SECTOR), 4 KM MULTAN ROAD, THOKHAR NIAZ BAIG, LAHORE (SANCTIONED LOAD 4000KW)

In pursuance of Government Notification No.SO(P)(I&P)4-2/2002 dated 17.09.2002 a Notice No.EIL/INS/272/7277 dated.29.12.2011 was served upon your premises for Periodic Inspection. Resultantly, Inspection of Electrical Installation at your premises was carried out on 16.01.2012 by M/S Silicon Engineers (Pvt.) Ltd. Lahore Category "A" Government Wiring Contractor having License No.CE(P)/06/A/ At the time of Inspection the conditions of the Electrical Installations was found to be satisfactory. M/S Silicon Engineers (Pvt.) Ltd. Lahore has also pointed out that proper testing equipment is available in the plant and same is being used for safe operation / maintenance. Well qualified and skilled staff is working in the plant and they are quite familiar with safety procedure

The Conditions of the Electrical Installations was stated to be satisfactory and in accordance with Electricity Rules, 1937. The requirements of the above said Notification has been fulfilled and no further action required.

NOTE:

"The issuance of this Memo: does not absolve the management from their responsibilities regarding previous outstanding Punjab Government dues if any and maintenance of electrical equipment in safe working conditions all the time. You will have to obtain fresh approval for further additions and alteration in future, if any."


ELECTRIC INSPECTOR
Lahore Region, Lahore

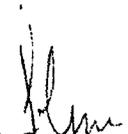
CE h/1/3
APP h/3

For info, please
Director h/2/3

Subject: Change of Name

1. DHA Lahore EME Sector has completely merged with DHA Lahore and a part of DHA, approved name of DHA EME Sector is Phase-XII, further correspondence and signature marks will be made with the name of Phase-XII.

2. For Info /compliance, please.


Lt Col (Retd)
Dy Proj Dir
(Muhammad Aslam)

Case No. 20601/DHA

Dated _____ Jan 2015

To: Engr Branch - *fm*
Adm Branch *5/1/15*
Accts Branch *5/1/15*
Security Branch *5-1-15*
Sports Complex

Annex-J

LAHORE ELECTRIC SUPPLY COMPANY - ELECTRICITY CONSUMER BILL (MDI)
www.lasco.gov.pk G.S.T # 0305271600291

3002307	1.5%	Dec 14	31 DEC 14	13 JAN 15	22 01 2015
24 11235 9000010U	C-2b (29)	4000	24123590000100		
			21 DEC 96	Dec 14 - 24 11235 9000010U - 014459219 - 22 01 2015 - 6	

MUHAMMAD AMIN
E M E HOUSING SOCIETY MULTAN ROAD LAHORE

SDO : 04237511173/03470015848/03470016848/
03470011235
XEN : 04299260302/04299260302/03470011230

DATE OF CONNECTION, 21 DEC 96

SUPPLY CLASSIFICATION: CHUNG
DIVISION: ALAMA IQBAL

49.8	50.24	0	.87	E.M.E	
100062	13974.05	14105.05	6000	7567.35	7642.56
100062	2751.45	2778.22	6000	1485.01	1500.19
(O)786000 (P)160620		(O)451260 (P)91080		2640	

11692650.00	60192	SALES TAX FUEL PRICE ADJUSTMENT ELECTRICITY DUTY	
1003200		EXTRA TAX FTY-FEE/DSSUR UOF-SUR	
		-799869.58	175389.75

FURTHER TAX					CURRENT BILL	14459219
2198343					129314	
DEC13					2360	874020
JAN14					2520	846060
FEB14					1920	813780
MAR14					2160	839160
APR14					5280	1189680
MAY14					6240	1981980
JUN14					7080	2964780
JUL14					6960	3122400
AUG14					7080	2826780
SEP14					6000	1875420
OCT14					2640	1392780
NOV14					2520	877260
					11437139	11437139
					13070256	13070256
					15292335	15292335
					12656002	12656002
					21263006	21263006
					31605090	31605090
					49082987	49082987
					51120012	51120012
					48115199	48115199
					34321835	34321835
					23560149	23560149
					16170990	16170990
					11.300	- 0.000 = 11.300 X 786000
					17.500	- 0.000 = 17.500 X 160620

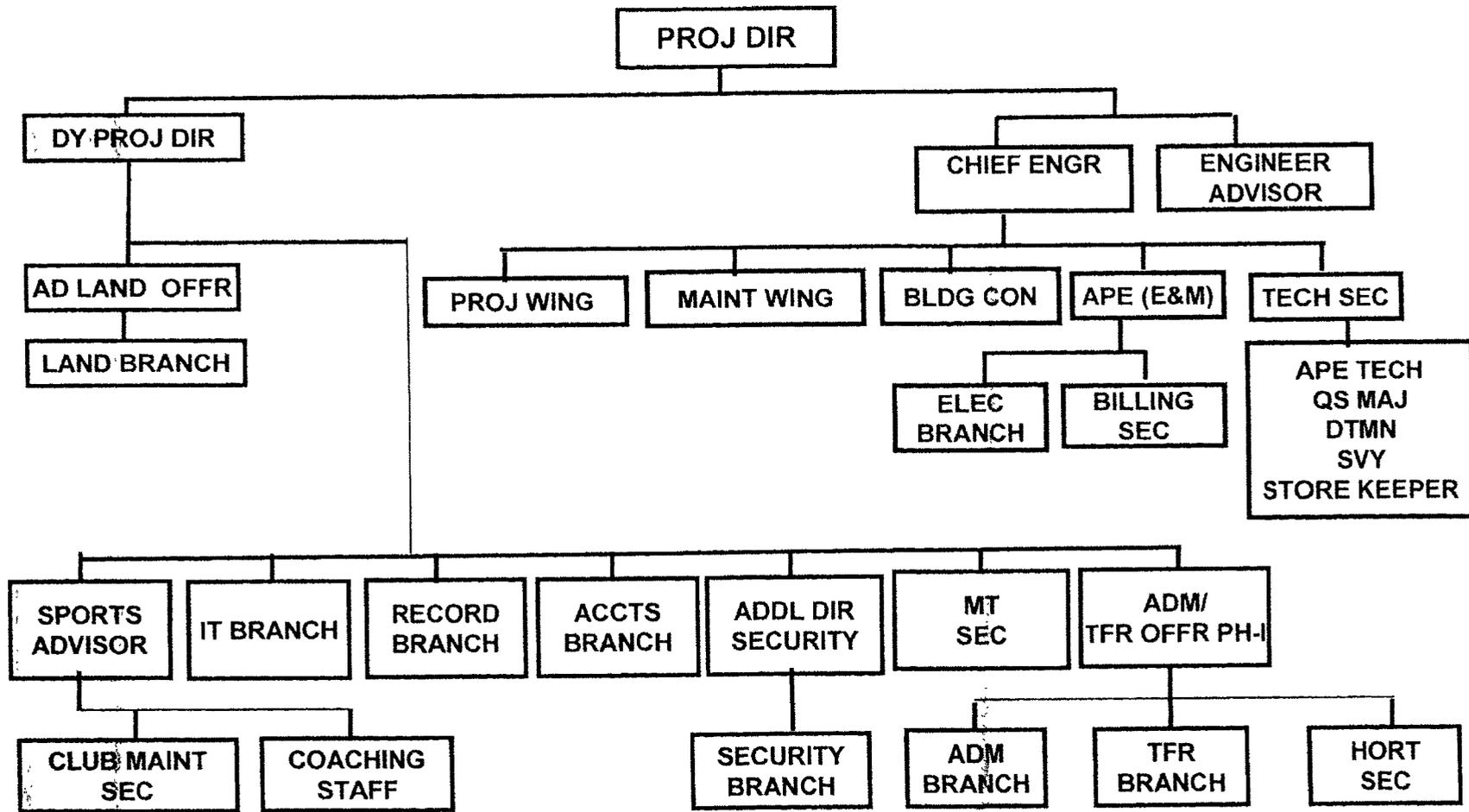
Charging of NJ, UOF and DS surcharges has been deferred as ordered by Honorable Lahore High Court. These will be adjusted later as per LHC's decision.

LAHORE ELECTRIC SUPPLY COMPANY - ELECTRICITY CONSUMER BILL (MDI) Bill No. 202093
www.lasco.gov.pk

	
Dec 14 - 24 11235 9000010U - 014459219 - 22 01 2015 - 6	Dec 14 - 24 11235 9000010U - 014459219 - 22 01 2015 - 6

Dec 14	22 01 2015	24 11235 9000010U	14459219	15734823
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ORGANOGRAM



**TECHNICAL AND FINANCIAL PROPOSALS IN
REASONABLE DETAIL FOR THE OPERATION,
MAINTENANCE, PLANNING AND DEVELOPMENT**

TECHNICAL AND FINANCIAL PROPOSALS FOR THE OPERATION, MAINTENANCE, PLANNING AND DEVELOPMENT OF THE GENERATION, TRANSMISSION OR DISTRIBUTION FACILITY OR SYSTEM IN RESPECT OF WHICH THE LICENSE IS SOUGHT

1. 132KV GIS GRID STATION

Due to shortage of electric supply, case for construction of a 132 KV GIS Grid Station at EME on self-finance basis with the concerned authorities is under process and will be finalized soon for implementation after grant of Extension of Load from NEPRA (4 MW to 15MW) and subsequent approval from LESCO.

2. STANDBY GENERATOR

EME is also installing three number 1250 KVA Stand by Generator to provide power to its Customer during Load-Shedding and in case of break downs.

**TYPE, TECHNOLOGY, MODEL, TECHNICAL DETAILS AND
DESIGN OF THE FACILITIES**

**THE TYPE, TECHNOLOGY, MODEL, TECHNICAL DETAILS AND DESIGN
OF THE FACILITIES PROPOSED TO BE ACQUIRED, CONSTRUCTED,
DEVELOPED OR INSTALLED**

1. DHA EME Sector installation is as per WAPDA / LESCO design and standards.
2. About 90% of the installed is overhead and the rest is underground.
3. Overhead HT 33 Km line under of the society is laid with Dog Conductor on 908 HT PC Poles 47 Km LT line is laid on 602 Nos. LT Poles and HT Poles as composite line.
4. LT Service Cables about 5 Km run in PVC Pipes from poles to the ground and then underground in PVC Pipes to the outer wall of the premises where meters are installed at the night of three feet from the ground level.
5. Detail of connection installed is attached in Technical Documents.
6. Detail of Overhead material installed is attached in Technical Documents.
7. Detail material installed on underground system is attached in Technical Documents.



TERRITORIAL MAP OF THE SERVICE AREA



**PARTICULARS IN RESPECT OF THE AVAILABILITY,
SOURCES & RATES**



**PARTICULARS IN RESPECT OF THE AVAILABILITY, SOURCES,
RATES AND EVIDENCE OF COMMITMENTS FROM THE SOURCES
OF ELECTRIC POWER**

DHA Phase-XII EME Sector is LESCO Bulk supply consumer under tariff C-2 for 4MW Load at present.

- Copy of office Order No. 42285-92/Design/DRW/228-ACAEB dated Nov 07, 1993 issued from the office of chairman AEM WAPDA Lahore is attached as (Annex-A)
- Copy of Bulk supply LESCO Tariff C-2 is enclosed as (Annex-B)



Annex - A

WATER AND POWER DEVELOPMENT AUTHORITY

OFFICE OF THE
CHAIRMAN AES,
WAPDA LAHORE.

4245-92

Dated 7/11/1993

The Project Director,
(Const:Circle) AES Wapda,
Nagar Town, Lahore.

Subject: ONE-POINT SUPPLY TO EME CO-OPERATIVE HOUSING SOCIETY LIMITED, LAHORE.

Reference the request of the above cited Applicant and on the AEA forms to this office, regarding One-Point supply to their housing scheme.

Sanction for a load of 4000KW under Tariff C-2(1) against App: No.1/C-2(1) dated 03.08.95 in the name of Mohammad Amin Khan, EME Co-operative Housing Society Ltd; 36-H, EME Housing Society, Post Office Chung, Multan Road Lahore, on 11KV Feeder supply through an independent 11KV Feeder originating from 132/11KV Chung Grid Station, is hereby accorded with the following conditions :-

1. An independent 11KV Feeder with ACSR (Ospray) Conductor from 132/11KV Chung Grid Station shall be constructed as shown on the rough route sketch attached. At the cost of the Applicant, the cost of which shall be under :-
 - i) From point A to B & D to E, the line shall be constructed as single circuit on 30' P.C.C. Poles.
 - ii) From point B to C, the line shall be constructed as double circuit with the existing 11KV Defence Road Feeder.
 - iii) From point C to D, the line shall be constructed by crossing the road/canal with 40' Steel Structures.
 - iv) The maximum span length for P.C.C. Poles will be 100'.
2. Provide Stays/Steel Stays where required.
3. Provide 11KV XLPE Cable of size 500 MCM at Grid-end from the Panel to the first terminal pole and from the pole to the Metering Panel of the prospective consumer at his cost.
4. Independent 11KV Panel at the Grid Station shall be provided for the prospective consumer at his cost.

[Signature]/72

- 15
17
6. The prospective consumer shall have to provide 2 Nos. 11KV VCB or S.F.6 Circuit breakers one for metering and the other for protection purpose, as per Wapda Specifications and the same shall be installed as per Wapda SBI, at his own cost.
 7. Metering room shall be constructed by the prospective consumer at his own cost for Wapda Metering Panel, the design of the room for housing Wapda Metering Panel shall be as per Drawing No. 100/101. The room should be constructed on the outer periphery of the premises near the main gate having single door opening towards the main road.
 8. The capacity of transformer/s to be installed by the prospective consumer at his premises should be restricted strictly according to the nearest standard rating as per his sanctioned load.
 9. 2 Nos. Circuit Breakers (VCB or S.F.6) to be provided by the prospective consumer at his premises i.e. one for Wapda Metering and the other for Protection of his system must have proper tripping system according to Wapda design and Specifications. The protection/controlling panel shall be installed by the prospective consumer at the place of his convenience for control of Transformer/s and other system.
 10. The time grading and plug-setting of Relays at the metering/controlling breaker shall be so adjusted that in case of any momentary or permanent fault the metering breaker trips before the protecting breaker and the protecting breaker of the Grid.
 11. The installations at the consumer's premises shall be inspected and certified by the Electrical Inspector to Govt. of Punjab for issuance of necessary O.C. regarding energization of the supply at 11KV.
 12. The prospective consumer shall have to install power factor correction equipments at his own cost to ensure that the power factor of his load does not fall below 90%. This must be ensured before energizing the consumer's installation.
 13. The C.T.'s for metering and protection purpose at the consumer's premises should be restricted strictly according to the nearest standard ratio as per sanctioned load of the prospective consumer.

[Handwritten Signature]

13. Said consumer shall provide 11kV Cable and other equipment installed at the consumer's premises should be got tested from the Xos Ref Division Wapda, Lahore.
14. The requirements as per Sr.No.5,6,7,8 and 12 above should be covered by the Xos Operation concerned while verification of the Test report and later by the committee while energization of the connection. Xos Ref should also make necessary adjustments to the possible extents of the load & timing of the trapping system to restrict the consumer within his sanctioned load despite caring for the requirement of Sr.No. 9 above.
15. Standard kWh-Meter/VARh Meter, 4-Wire 11kV Meters as approved by Wapda for such consumers shall be installed for metering purpose at consumer's cost. The provision of right-of-way for construction of the feeder will be the responsibility of the prospective consumer. In case at any stage for right-of-way any change is required, the cost involved in that change shall have to be borne by the prospective consumer.
17. All the work should be executed according to Wapda Standard Design and Specifications.
18. After completing the job at site, the as built drawing may be supplied to this office for ref: and record.
19. If while erecting the line as per site position, any minor changes are required, those should be taken care of accordingly under intimation to this office.
20. All other departmental formalities should be fully complied before taking the work in hand.
21. The erection and maintenance of internal system will be the responsibility of the Applicant as per provision of applicable tariff.

...../74

1. The copy of the sketch of the proposed layout of the project should be submitted to the Director General, from this office.

(ENGR. MOHAMMAD YOUSAF)
CHAIRMAN
AEB, WAPDA, LAHORE.

2. Copy of the Sketch.

- 1. Director General, Wapda, Lahore, for information and with the request that as soon as the amount of Capital cost is realized in his account, the same may be transferred to M.O. (Construction) Lahore, through Credit Advice.
- 2. Secy. Ind. Lahore through Lahore for information.
- 3. Secy. N.I. Town Development, Lahore.
- 4. The electrical inspector Govt. of Punjab, 32-C Jail Rd; Lahore.
- 5. Secy. M.S. Deptt. North West, Lahore.
- 6. M.O. N.I. Town Development, Lahore, for information. He is requested to inform to this office as soon as the amount of Capital cost is realized in his account.
- 7. Secy. M.S. Deptt. North West, Lahore for information with ref: to above.
- 8. Secy. M.S. Deptt. North West, Lahore for information with ref: to above.

Amner B

Website Language English / Urdu

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Lahore Electric Supply Company
The lifeline for progress

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- [Installment Powers](#)
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ELECTRICITY TARIFF

PEAK / OFF PEAK TIMINGS

Season	Peak Timing	Off-Peak Timing
Dec to Feb	5 PM to 9 PM	Remaining 20 hours
Mar to May	6 PM to 10 PM	-do-
Jun to Aug	7 PM to 11 PM	-do-
Sep to Nov	6 PM to 10 PM	-do-

ELECTRICITY TARIFF W.E.F 01-OCT-2014

Tariff A - General Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
a)	For Sanctioned Load less than 5 kW				
i	Up to 50 Units	-	4.00		2.00
	For Consumption exceeding 50 Units				
ii	For first 100 Units	-	10.00		4.21
				101-200 units	4.22
iii	101-300	-	12.33	201-300 units	0.24
iv	301-700	-	15.00		
v	Above 700 Units	-	17.50		
b)	For Sanctioned load 5 kW and above				
	Time of Use		17.50 11.50		

As per Authority's decision residential consumer will be given the benefits of only one previous slab.

Under Tariff A-1, there shall be minimum monthly customer charge at the following

rates even if no energy is consumed.

- a) Single Phase connections: Rs. 75/- per consumer per month
b) Three phase connection: Rs.150/- per consumer per month

Tariff A-2 General Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
a)	For Sanctioned load less than 5 KW		17.50	-	-
b)	For Sanctioned load 5 kW and above	400.00	15.00	-	-
c)	Time of Use	400.00	17.50 11.50	-	-

Under Tariff A-2, there shall be minimum monthly customer charge at the following rates even if no energy is consumed.

- a) single phase connections: Rs. 175/- per consumer per month
b) Three phase connections: Rs. 350/- per consumer per month

Tariff B - Industrial Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
B1	Upto 25 kW (at 400/230 Volts)	-	14.50	-	-
B2(a)	Exceeding 25-500 kW (at 400 Volts)	400.00	14.00	-	-
	Time of Use				
B1(b)	Upto 25 kW		17.50 11.50	-	-
B2(b)	Exceeding 25-500 KW (at 400 Volt)	400.00	17.50 11.30	-	-
B3	For All Loads up to 5000 kW (at 11,33 kV)	380.00	17.50 11.20	-	-
B4	For All Loads (at 66,132 kV & above)	360.00	17.50 11.10	-	-

For B1 consumers there shall be fixed minimum charge of Rs. 350 per month.
For B2 consumers there shall be fixed minimum charge of Rs. 2,000 per month.
For B3 consumers there shall be fixed minimum charge of Rs. 50,000 per month.
For B4 consumers there shall be fixed minimum charge of Rs. 500,000 per month.

Tariff C - Bulk Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
C-1	For supply at 400/230 Volts			-	-
a)	Sanctioned Load less than 5 kW	-	15.00	-	-
b)	Sanctioned Load 5 kW & up to 500 KW	400	14.50	-	-
C-2	For supply at 11,33 kV up to and including 5000 kW	380	14.30	-	-
(a)	For supply at 66 kV				

LESCO - Electricity Tariff

C-3(a)	and & above and sanctioned load above 5000 kW	360	14.20	-	-
	Time Of Use				
C-1 (c)	For supply at 400/230 Volts 5 kW & up to 500 kW	400	17.50	11.50	-
C-2 (b)	For supply at 11.33 kV up to and including 5000 kW	380	17.50	11.30	-
C-3 (b)	For supply at 66 kV & above and sanctioned load above 5000 kW	360	17.50	11.20	-

Tariff D - Agriculture

Sr.No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
D-1 (a)	SCARP less than 5 kW	-	14.50	-	1.49
D-2	Agriculture Tube wells	200.00	14.00	-	2.49
D-1 (b)	SCARP 5 kW & above	200.00	17.50	11.20	0.50
D-1 (b)	Agncultural 5 kW & above	200.00	17.50	11.20	200
					7.15
					0.85

Under this tariff, there shall be minimum monthly charges Rs. 2000/- per consumer per month, even if no energy is consumed.

Note: The consumers having sanctioned load less than 5 kW can opt for TOU metering.

Tariff E - Temporary supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
E-1 (i)	Residential Supply	-	17.50	-	-
E-1 (ii)	Commercial Supply	-	17.50	-	-
E-2	Industrial Supply	-	14.50	-	-

Note : For the categories of E-1(i&ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs. 500/- for the entire period of supply, even if no energy is consumed.

Tariff F - Seasonal Industrial Supply

125% of relevant Industrial Tariff

Note: Tariff F consumers will have the option to convert to regular tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

Tariff G - Public Lighting

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh

Street Lighting - 15.00

Under Tariff-G, there shall be a minimum monthly charge of Rs. 500/- per month per kW of lamp capacity installed.

Tariff H - Residential Colonies attached to industrial premises

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
	Residential Colonies attached to industrial premises	-	15.00	-	-

Tariff I - Railway Traction

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/KW/M	Variable Charges (Rs/KWh)	Government Subsidy	
				Fixed Charges Rs/KW/M	Variable Charges Rs/kWh
	Railway Traction	-	15.00	-	-

SCHEDULE-I FOR NEPRA

Tariff A - I General Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/K.W/M	Variable Charges (Rs/KWh)	
			Peak	Off-Peak
a)	For Sanctioned Load up to 5 KW			
i	Up to 50 Units	-		2.00
	For Consumption exceeding 50 Units			
ii	1-100 Units	-		6.85
iii	101-300	-		8.30
iv	301-700	-		10.65
v	above 700 Units	-		13.29
b)	For Sanctioned load exceeding 5 kw			
	Time of Use	-	12 25	6.70

Note : Under this tariff, there shall be minimum monthly customer charge at the following rates even if no energy is consumed. a) Single Phase connections: Rs. 75/- per consumer per month b) Three phase connection: Rs.150/- per consumer per month

Tariff A -2 General Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/K.W/M	Variable Charges (Rs/KWh)	
			Peak	Off-Peak
a)	For Sanctioned load upto 5 KW			13.00
b)	For Sanctioned load exceeding 5 KW	400		10.45
c)	Time of Use	400	11.49	6.50

Note : Under this tariff, there shall be minimum monthly customer charge at the following rates even if no energy is consumed. a) single phase connections Rs. 175/- per consumer per month b) Three phase connections: Rs. 350/- per consumer per month

Tariff B - Industrial Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/K.W/M	Variable Charges (Rs/KWh)	
B1	upto 5 KW (at 400/230 volts)	-		8 90
B2(a)	6-500 KW (at 400 Volts)	400		7.59

Time of Use		Peak	Off-Peak
B1(b)	Upto 25 kW	12.25	6.70
B2(b)	25-500 KW (at 400 Volts)	400	11.08 6.50
B3	For All Loads up to 5000kw (at 11,33 KV)	380	10.99 6.25
B4	For All Loads (at 66,132 kv & above)	360	10.69 5.97

For B1 consumers there shall be fixed minimum charge of Rs.350 per Month For B2 consumers there shall be fixed minimum charge of Rs.2,000 per Month For B3 consumers there shall be fixed minimum charge of Rs.50,000 per Month For B4 consumers there shall be fixed minimum charge of Rs.500,000 per Month

Tariff C - Bulk Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/K.W/M	Variable Charges (Rs/KWh)	
C-1	for supply at 400/230 Volts			
a)	Sanctioned Load up to 5 KW	-		9.90
b)	Sanctioned Load above 5 KW & up to 500 KW	400		8.75
C-2	For supply at 11,33 KV up to and including			
(a)	5000KW	380		8.65
C-3(a)	For supply at 66 KV and & above and sanctioned load above 5000KW	360		8.51
	Time Of Use(Optional)		Peak	Off-Peak
C-1	For supply at 400/230 volts above 5 KW &			
(c)	up to 500 KW	400	11.31	6.50
C-2	for supply at 11,33KV up to and including			
(b)	5000KW	380	10.91	6.25
C-3	For supply at 66 KV & above and sanctioned			
(b)	load above 5000 KW	360	10.51	5.87

Tariff D - Agriculture

Sr.No.	Tariff Category/Particulars	Fixed Charges Rs/K.W/M	Variable Charges (Rs/KWh)	
D-1	SCARP less than 5 KW	-		8.47
(a)				
D-2	Agriculture Tube wells	200		5.31
			Peak	Off-Peak
D-1	SCARP and Agriculture more than 5 KW	200	10.11	4.55
(b)				

Note: The consumers having sanctioned load less than 5 KW can opt for TOU metering.

Tariff E - Temporary Supply

Sr. No.	Tariff Category/Particulars	Fixed Charges Rs/K.W/M	Variable Charges (Rs/KWh)
E-1 (i)	Residential Supply	-	13.29
E-1 (ii)	Commercial Supply	-	13.00
E-2	Industrial Supply	-	8.90

Note : For the categories of E-1(i&ii) above, the minimum bill of the consumers shall be Rs. 50/- per day subject to a minimum of Rs. 500/- for the entire period of supply, even if no energy is consumed.

Tariff F - Seasonal Industrial Supply

125% of relevant Industrial Tariff

Note: Tariff F consumers will have the option to convert to regular tariff and vice versa. This option can be exercised at the time of a new connection or at the beginning of the season. Once exercised, the option remains in force for at least one year.

TECHNICAL DOCUMENTS



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

LINE EQUIPMENTS CHARACTERISTICS



LINE EQUIPMENTS CHARACTERISTICS

1. DHA Lahore EME Sector (Phase – XII) is one point bulk supply consumer of WAPDA / LESCO under C-2 Tariff since 1995 having its own distribution network as under:
 - a. Overhead Distribution System.
 - b. Underground Distribution System.
2. All the Equipment installed is as per WAPDA/LESCO Standard specifications:

OVERHEAD DISTRIBUTION SYSTEM

- a. HT / 11 KV Conductor ACSR – Ospray / Dog.
- b. LT Conductor AAC- Wasp / Ant.
- c. LT Cable 25 mm² 4C Al/PVC/PVC
- d. PC Poles HT Line – 36 Feet.
- e. PC Poles LT Line – 31 Feet.
- f. 11 KV Pole mounted transformer substation – 25,50,100 and 200 KVA.
- g. 11 KV Drop out cut outs.
- h. Wooden / Steel X – Arms.
- i. 11 KV Disc / Pin Insulators.
- j. Electromechanical 3-Phase 4-wire meters.
- k. Digital 3-Phase meters
- l. HT / LT Normal Stay



UNDERGROUND DISTRIBUTION SYSTEM

- a. HT cable – 500 mm² Single Core Al/XLPE/AWA/PVC Cable.
- b. LT Cables – 300 mm² 4 Core Al/PVC/PVC Cable
185 mm² 4 Core Al/ PVC / PVC Cable
- c. Pad Mounted Transformers – 200 and 400 KVA – PEL / Siemens
- d. LT Distribution Service Boxes.
- e. RMU 4 Way
- f. RMU 3 Way



DHA PHASE XII

SUMMARY OF UG/OH DISTRIBUTION NETWORK

Ser	Description	A/U	HT	LT	Street Lights
01	Elec poles	No	908	602	246
02	Length OH, HT Line	KM	32.88	-	-
03	Length OH, LT Line	KM		46.39	
04	Length Street light	KM	-	-	46.35
05	Length of HT cable U/G Line	KM	7.01	-	-
06	Length of LT cable U/G Line	KM	-	5.16	-
07	LT Distribution Boxes for U/G	No	-	253	-
08	HT Panels	No	3	-	-
09	RMU's	No	6	-	-



DHA PHASE-XII
Electricity Connection Detail

Category	Three Phase Electro static	Three Phase Electro Mechanical	S/P Electro Static	S/P Electro Mechanical	C.T Meters	Total
Domestic	190	2,107	14	55	1	2,367
Commercial	36	111	1	72	10	230
Street Lights	-	31	2	-	-	33
Total	226	2,249	17	127	11	2,630



DHA PHASE XII

STATEMENT OF TRANSFORMERS- UNDER GROUND SYSTEM

	63 KVA			200 KVA			400 KVA			630 KVA		
	Installed	Energized	Un-Energized									
J-Block, Comm	1	-	1	2	1	1	4	1	3	24	2	22
D-Ext.	-	-	-	2	-	2	10	-	10	-	-	-
Total:-	1			4			14			24		



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

POWER QUALITY CONTROL



POWER QUALITY CONTROL

DHA EME Sector is being fed from LESCO under one point supply as such the power quality is generally the same as that of WAPDA / LESCO. However off-load transformer taps are adjusted for supply voltage if so required.

Moreover, for power quality control regular maintenance is carried out including but not limited to following:

- Load is balanced on all transformer phases at regular intervals particularly in summer to avoid unbalancing of Load on Transformers phases.
- Tree trimming is done to avoid momentary trippings or break downs.
- PG connectors and joints are tightened during routine maintenance.



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

BACKUP/ EXPRESS FEEDER PROVISION



BACKUP/ EXPRESS FEEDER PROVISION

- No Express Feeder is available at present, however 132KV GIS grid station with two number power transformers of 20/26 MVA capacity has been planned to be installed in DHA EME Sector to meet future demand of the housing society. Once the Grid Station is commissioned, standby source would be provided from Grid Station.
- However, as interim arrangement installation of three number 1250 KVA diesel generators is under process and would be installed in the near future to maintain continuous supply to the consumers in case of Load shedding or failure of supply.



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

ACCIDENT PROTECTION AND PREVENTION PROCEDURE



ACCIDENT PROTECTION AND PREVENTION PROCEDURE

DHA EME Sector SAFETY POLICY

DHA EME Sector is committed to providing safe and healthy working conditions and to promoting positive attitudes toward safety and health.

Department managers works actively with employees and contractors to identify and correct unsafe or unhealthy working conditions and practices.

DHA EME Sector recognizes that workplace safety is a shared responsibility. Everyone is responsible for the prevention of accidents.



PRINCIPLES

1. Workplace safety is a joint responsibility of management and employees at all levels.
2. An effective accident prevention program is clearly defined, monitored and enforced.
3. Supervisor ensure that they follow the Safety Act and Regulations and that the working conditions are as safe as possible for employees.
4. Periodic Safety Training Programs for employees are being held.
5. Contractors working for the department ensure that Safety is observed at all time.
6. All necessary Safety wears required for the employees i-e safety shoes, Safety belts, Insulated Gloves, safety hats etc. are provided.
7. Supervisor ensures that employee use the safety wear to avoid any accidental injury.



Displayed at Work Place:

1. Keep work areas clean and aisles clear.
2. Do not block emergency equipment or exits.
3. Keep fire doors closed.
4. While on duty use required protective safety gear. This includes safety belts, safety boots, Insulated gloves, Safety Hats, eyewear, face masks, etc.
5. Report all work injuries and illnesses to your supervisor right away.
6. If you see an unsafe act or unsafe condition, immediately inform concerned section for rectification.
7. Use vehicle seat belts.
8. Operating or Working at Unsafe Speed such as driving too fast, throwing material or tools to another person, jumping from vehicles or platforms, running or unnecessary haste.
9. Do not use any prescribed drugs that gives dizziness while on duty.
10. Only qualified designated employees should work on or near exposed energized electrical parts or electrical equipment.

INSTRUCTIONS FOR THE LINE STAFF

1. Understand the work objective and get instructions from supervisor.
2. Required tool and plants (T&P) and Personal Protective Equipment (PPE) should be arranged and checked before doing work.
3. Earth the HT/LT line from both sides of work place/area.
4. Ensure proper ladder to work on pole. The upper side of ladder should be tightened with pole and lower portion to be held by a person.
5. Use hand line to carry necessary material up and down .
6. To work on LT of composite line take care of proper clearance from HT line.
7. There may be back feeding on account of generator sets , which can be fatal, therefore use temporary earth on both sides of work place/area.
8. Consider Street Light always on .Do not touch phase and neutral without protective gloves.
9. Always take your assistant while going on work .
10. Do not climb on weak or broken poles.



List of Available Equipment:

PERSONEL PROTECTIVE EQUIPEMENTS

- (i) Safety Hats
- (ii) 15Kv Rubber Gloves
- (iii) Leather Protective Gloves
- (iv) Safety Belts
- (v) Rubber Safety Shoes
- (vi) Safety Suits
- (vii) Safety GOGLES

TOOLS AND PLANTS

- Earth Clusters (for equipment Terminal earthing).
- Hotstick for earth clusters earthing.
- Cable fault locating van equipped with Lineman Tool Kit Box (complete)
- Fiber Glass Ladder.
- Chain Pulley Block (5-Ton).
- Chain Pulley Block (3-Ton).
- Cable puncture tool.
- Cable route tracer.
- 11KV D-operating Rod
- Ratchet lever hoist

MEASURING INSTRUMENTS

- Power Analyser
- Volt / Amp meter, Clip-on Amp meters.
- Multimeter
- 11 KV Thumper / with 30 KVDC provision for H1 – Potting cable.
- Megger 10 KV (Battery Operated)
- 11 KV Voltage Testers.



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

MAINTENANCE PLANS AND PROCEDURES



MAINTENANCE PLANS AND PROCEDURES

SCOPE

The scope of operation and maintenance work relevant to the main fields including the other allied works have been described in terms of implementation frequency and schedules, work activities, testing, etc. In simple words this SOP describes that what to do, when to do, and how to do.

Main Maintenance Branch undertakes repair and maintenance of the following

1. Over-Head System
2. Underground System
3. Street Lights

For periodic maintenance of the system maintenance Team Comprising of a Electrical Supervisors and Line-men is established to carry out periodic maintenance of line equipment as per schedules approved by Engineer.

The Supervisors line staff carry out patrolling of lines and equipment on regular basis and inform maintenance team of any abnormality for rectification.



MAINTENANCE

Maintenance of the Electrical System at DHA EME Sector is carried out on routine basis.

The maintenance group is headed by an Electrical Supervisor for the job as shown on the Organization and detailed as under:

Staff for System maintenance

- | | |
|--|--------|
| 1. Supervisors Electrical | 1 No. |
| 2. Equipment Maintenance Linemen | 3 Nos. |
| 3. 11 KV / LT Cable/Conductor fault repair staff | 2 Nos. |

Transport:

- | | |
|--------------------------------|--------|
| Vehicles | 2 Nos. |
| Insulated Bucket Mounted Crane | 1 No. |
| Truck | 2 Nos. |
| Motor Cycles | 5 Nos. |

T&P

1. Ratchet Lever Hoist
2. Lineman Tool Kit.
3. Fiber Glass Ladder.
4. Chain Pulley Block (5-Ton).
5. Chain Pulley Block (3-Ton).
6. Temporary Earthing Equipment.
7. Tree Cutter.
8. Meggar 11000V
9. Earth Resistance Tester
10. Multimeter
11. Binoculars
12. Rain Coat
13. Power Analyzer
14. Clip-on Ampere Meter

Personal Protective Equipment

1. Safety Belts.
2. 11KV Insulated Rubber Gloves.
3. Leather Protective Gloves
4. Safety Helmets
5. Safety Boots.
6. Safety Goggles.

Note: T&P is purchased as per requirement of the staff.



ROUTINE ACTIVITIES OF STAFF.

1. Conductor / Cable Repairs.
2. Equipment Maintenance
3. Transformers load balancing.

CONDUCTOR / CABLE REPAIRS.

The overhead system is a stable system. However faults may occur. Operation staff on duty moves to ascertain faulty link.

Once the operation staff isolates the faulty 11 KV Link, the information is passed on to maintenance staff. The Maintenance Staff proceeds as under:

Maintenance Staff receives the work permit from operations staff to work on the faulty Link. Operation staff isolates the conductor or cable for maintenance staff and apply earth to the conductor or cable to for safety of personnel.

In case of Cable fault, the fault location is carried out section with help of fault locating equipment. Fault point is excavated and proper joint pit is prepared. The staff then prepares the joints and meggers test the cable for soundness. Operation staff energizes and restores the system back to normal.

The repair work may be carried out either by hiring own staff as shown in the manpower or given to a contractor on unit rate as deemed fit.

EQUIPMENT MAINTENACNE

Equipment Installed at DHA EME Sector Comprises of.

- (i) HT/LT Conductor
- (ii) Overhead Transformers and Insulators
- (iii) 11KV Dropout Cutouts.
- (iv) Pad Mounted Transformers of different capacities.
- (v) Poles and Distribution Service Boxes.
- (vi) Street Light Poles, Panels and fixtures.
- (vii) PVC Cables
- (viii) Meters



SHUT DOWN REQUEST (Annex-A)

In case of any routine maintenance to be done on equipment and/or addition of equipment to be made in existing system, the concerned agencies submit a formal shut down request on the shutdown form to the Engineer Incharge for scheduling the shutdown at least 3 to 4 days before the required date. Engineer forwards the request to operation foreman who then schedule the shutdown and prepares a switching order form for the routine shut down and operator checks this and clarifies any doubt. The operator does the switching according to the switching order and notes the time against each switching.

HOLD TAGS (Annex-B)

The operator places Hold Tag on the Transformers / switches after they are opened. This hold tag has 3 portions, one portion to be placed on the switch of equipment, second portion for the shutdown receiver and third portion for Contractor/worker who works on the equipment / system.

WORK PERMIT (Annex-C)

After carrying out the switching and Isolating the link / equipment, the operator issues a Work Permit to the requester for carrying out the work.

The operator makes sure that the conductor / equipment is de-energized and test it with 11 KV tester and then install earth cluster to the terminals in front of the shutdown receiver.

Once the work is completed and the operator receives back work permit, portions of Hold Tags duly signed by receiving agencies which gives a clearance to operator that no person is working on line and site is cleared to be energized.

Operator on receipt of these papers visits the site and after satisfying himself performs the switching for restoring the system to normal.



SHUT DOWN REQUEST

HV LV

Shut Down required Date:: -----

Time: From: ----- To: -----

Location: -----

Equipment: -----

Purpose:

Construction:

Maintenance:

Inspection:

Description of Work: -----

Project Drawing Attached: Yes No.

Sketch: -----

Supervisor

Date:



Dated: -----

HOLD TAG

Date: -----

**Equipment
Portion**

Equipment No: -----

S/Mark: -----

Open : Yes No. Earth : Yes No.

Operator: -----

W. Permit No: -----

**EME
Receiver
Portion**

Equipment No: -----

S/Mark: -----

Open : Yes No. Earth : Yes No.

Termination Open: Yes No

Operator: -----

W. Permit No: -----

**Contractor/
Manufacturer
Staff
Receiver
Portion**

Equipment No: -----

S/Mark: -----

Open : Yes No. Earth : Yes No.

Termination Open: Yes No

Operator: -----

W. Permit No: -----



WORK PERMIT

Work Permit No: -----

Hot

Cold

Date: From: ----- To: -----

Equipment: -----

Limit of Work: -----

Description: -----

Authorized:
Operator

Authorized:
Receiver

Work completed site cleared of Personnel system may be energized. HOL TAGS
returned

Receiver



SOP CHECK SHEET: MAINTENANCE SCHEDULE AND CHECKS/TESTS	
Description of Inspection and Maintenance Work	Remarks/Criteria/Standard/ Safety Precautions
1. Visual inspection (A walk around visual inspection)	
2. Conductor Sag	
3. Oil Level (Transformers)	
4. HV Terminal Connections of Transformers	
5. Steel Structure Ground Connections	
6. Porcelain Insulator Condition	
7. D-Fuses	
8.	
9.	
10.	
11.	
12.	
13.	
14.	



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

FAULT LOCATING PROCEDURE



FAULT LOCATING PROCEDURE:

The system laid is a stable system. However faults may occur. Operation staff on duty moves to ascertain faulty link.

Whenever the fault occurs, the Block incharge patrols the overhead lines and areas to ascertain the Fault Point.

Once the fault is located. Operational staff isolates the faulty Link according to the procedures of shutdown, forms attached as (Annex-I).

After carrying out the switching and Isolating the link / equipment. The operator issues a work permit to carry out the work.

Maintenance Staff receives the work permit from operations staff (Form attached Annex-II) to work on the Fault section.

In case of Underground Cable fault, the fault location is pin pointed with help of fault locating equipment. The fault point is excavated and proper joint pit is prepared. The staff then prepares the joints and megger test the cable for soundness. Having satisfied themselves with the work, the work permit is released. Operation staff energizes the conductor or cable and restores the system back to normal.

The repair work may be carried out either by hiring own staff as shown in the manpower or given to a contractor on unit rate as deemed fit.



SHUT DOWN REQUEST

HV LV

Shut Down required Date: -----

Time: From: ----- To: -----

Location: -----

Equipment: -----

Purpose:

Construction:

Maintenance:

Inspection:

Description of Work: -----

Project Drawing Attached: Yes No.

Sketch: -----

Supervisor

Date:



WORK PERMIT

Work Permit No: -----

Hot

Cold

Date: From: ----- To: -----

Equipment: -----

Limit of Work: -----

Description: -----

Authorized:
Operator

Authorized:
Receiver

Work completed site cleared of Personnel system may be energized. HOL TAGS returned

Receiver



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

EMERGENCY PROVISIONS



EMERGENCY PROVISIONS

In order to maintain continuous supply to its Customers EME has established a Complaint Centre.

The Complaint Centre is properly manned and operated round the clock on shift basis.

The staff receives the Complaints and takes immediate corrective action.

In case the complaint involves major repair the maintenance section is informed for taking remedial measures.

STANDBY GENERATOR

EME is also installing Stand by Generator to provide power to its Customer during Load Shedding and in case of break downs.

MATERIAL INVENTORY

In order to meet any breakdown /emergency situation a sufficient inventory of Spare material is also maintained in EME which is recouped to maintain minimum level.



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

PATROLLING AND INSPECTION PROCEDURES



PATROLLING AND INSPECTION PROCEDURES

The Supervisors carry out patrolling of area, lines and equipment on regular basis and inform maintenance team of any abnormality for quick rectification.

The Patrolling and Inspection group is headed by an Electrical supervisor with staff assigned for the job as shown on the Organization chart and detailed as under:

Staff for Patrolling

- | | | |
|----|---|--------|
| 1. | Electrical Supervisor | 1 No. |
| 2. | Line Man | 3 Nos. |
| 3. | 11 KV / LT Cable/Conductor fault repair staff
(11 KV certified splicers) | 2 Nos. |
| 4. | Transport: Vehicles available | 2 Nos. |



PATROLLING PERFORMA

Poll No.	Conductor/ Sag	Hardware Condition	HV Terminal Connections of T/F	Steel Structure Ground Connections	Insulator Condition	Any other Discrepancies
P1						
P2.						
P3.						
P4.						
P5.						
P6.						
P7.						
P8.						
P9.						
P10.						
P11.						
P12.						
P13.						
P14.						
P15.						
P16.						
P17.						



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

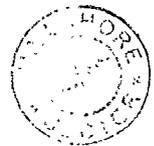
EME SECTOR

CUSTOMER SERVICE DATA / MANUAL



INTRODUCTION

Presently DHA EME Sector is getting electricity in Bulk under tariff C-2 from LESCO for further distribution to the residents under own arrangement. As such a procedure for regulating various aspects of electricity distribution in the DHA has been evolved along with a suggested Tariff of electricity charges to be made applicable in the Defence Housing Authority Phase – XII EME Sector Lahore.



CONTENTS

- PROCEDURE FOR OBTAINING ELECTRICITY CONNECTION AND REGULATING REVENUE COLLECTION FROM ELECTRICITY CONSUMERS IN THE DHA PHASE-XII EME SECTOR LAHORE
- TARIFF



DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

PROCEDURE FOR OBTAINING ELECTRICITY CONNECTION AND REGULATING REVENUE COLLECTION FROM ELECTRICITY CONSUMERS IN THE DHA PHASE-XII EME SECTOR LAHORE

- 1) Members desirous of obtaining an electricity connection in the DHA Phase – XII EME Sector Lahore will be required to submit the request for Electricity connection on the Application and Agreement Form (Annexure “A”).
 - i) Abridged conditions of Electricity Supply (Annexure “B”).
 - ii) All provisions of Electricity Act 1910.
 - iii) Schedule of Services Charges (Annexure “C”).
 - iv) Schedule of General Charges (Annexure “D”).
 - v) Schedule of Consumer’s Security Deposits (Annexure “E”).
 - vi) Tariff of Electricity Charges (Annexure “E”).

On receipt of application the inspection of installation will be done by the authorized official of the “DHA EME Sector” to ascertain the electrical apparatus / points and wiring.

- 2) Demand Notice estimate (Annexure “F”) will be issued and the amount of Demand Notice will be deposited by the applicant in the designated Bank branch.
- 3) After payment on D.N and receipt of Test Report in the DHA’s DHA EME Engg. Office a Service connection Order (S.C.O) (Annexure “G”) will be issued. All the entries regarding Store Requisition for drawl of material from the DHA’s Store, actual installation of connection and particulars of Energy meter shall be made in the S.C.O form.
- 4) Meter reading record will be maintained in the format appearing at (Annexure “H”).
- 5) Electricity bills will be issued the DHA’s Electrical Engg. Office on the prescribed form
- 6) A temporary D.C.O (Annexure “I”) will be issued against a consumer who fails to deposit the amount outstanding against him leading to accumulation of arrears against him. On receipt of an arrear bill a temporary DCO can be affected at any time without giving any further notice. Such temporary DCO can also be issued on the request of consumer for a minimum period of one month and maximum period of three months. A connection remaining temporarily disconnected for a period exceeding three months shall be permanently disconnected and the consumer shall have to pay the Reconnection Charges as given in the Schedule of General Charges (Annexure “D”).



- 7) Application for restoration of electric connection shall be made on Annexure "J" amount of arrear and Reconnection Charges shall be mentioned in this application. Payment of these Charges will be made in the DHA EME's Accounts Office.
- 8) Reconnection order R.C.O (Annexure "I") will be issued by the DHA's Electrical Engg. Office after clearance of arrears and deposit of Reconnection Charges.
- 9) Disconnection and Equipment Removal Order E.R.O (Annexure "L") may be issued when a consumer remains disconnected beyond three months period. The material after implementing an E.R.O shall be returned to DHA's Store. The connection so disconnected shall be restored on payment of Reconnection Charges provided that the total period of disconnection does not exceed a maximum of six months.
- 10) A connection shall be deemed to be permanently disconnected when the period of disconnection exceeds a maximum of six months. Permanently disconnected connection shall only be restored after clearance of arrears and deposit of New Connection Charges in accordance with the Schedule of Service Charges (Annexure "C") and Consumer's Security Deposits (Annexure "E").
- 11) Sealing of meters to be done by the DHA.



DOMESTIC
COMMERCIALPERMANENT
TEMPORARYDHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE
APPLICATION AND AGREEMENT FOR ELECTRICITY SUPPLY

I / We hereby agree to take from the DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE (herein after referred to as the said DHA) at the premises stated below a supply of electrical energy not exceeding the connected load of my / our installation as stated below and I / We hereby further agree to pay for the said supply at the rates applicable in this area of supply, as decided by the DHA and also to pay for all such other proper charges as may become due from me / us to the DHA from time to time at rates decided by the EME DHA LAHORE.

Apparatus to be connected (as per table below).

Description	No.	Watts/HP each	Total Watts
LIGHT FAN LIGHT PLUG POWER PLUG MOTOR			
GRAND TOTAL			

Total load of the above installation is ----- KWH
Pressure of the supply is ----- Volts

In the event of a supply being given to me, I agree to abide by all conditions rules and regulations of the DHA concerning this agreement. The test report on the wiring of the premises is enclosed.

Without prejudice to the rights of the EME, DHA to take such other action against a consumer as provided by the Electricity Act. 1910, the EME, DHA reserves the right to disconnect supply to a consumer after giving 24 hour notice in writing, if there is reason to believe that the consumer has Secured the Connection by fraudulent means or is stealing the electricity or is contravening any of the provision of the Act or of these condition of supply or is committing a breach of this agreement with the DHA or in the event of the consumer failing to pay any account due to the DHA or in the event of the consumer's bankruptcy or the executions of any assignments for the benefit of the consumer's creditors or if the consumer's is a limited company, in the event of Compulsory or voluntary liquidation

SIGNATURE OF APPLICANT

DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

CONDITIONS OF SUPPLY

1. **DEFINITIONS:**

Unless there is anything repugnant in the subject or context, the following terms used in these conditions of supply shall have the meaning assigned to them hereunder:

- (a) "Applicant" means applicant for supply of electric energy.
- (b) "DHA" means the Defence Housing Authority EME Sector Lahore and includes other officers of the DHA to whom any of its powers may be delegated by the DHA.
- (c) "The Rules" means the Rules framed by DHA.
- (d) "Supply" means supply of electric energy;
- (e) "Works" include electric supply lines and any buildings, machinery or apparatus required to supply energy.

2. **APPLICATIONS FOR SUPPLY:**

All applications for supply for energy shall be made on the DHA's prescribed form, known as "Application and Agreement for Supply of Energy" obtainable from the DHA's Office. All applications shall be signed by the owner or occupier of the premises who desires to take the supply.

3. **POINT OF SUPPLY:**

The DHA EME Sector shall give supply to the applicant / consumer at one point or more as the DHA EME Sector may decide. Consumer will provide a space on the outer face of boundary wall for meter installation.

4. **INSPECTION AND TESTING OF CONSUMER'S INSTALLATION:**

When the electrical installation work on the premises of an applicant / consumer has been completed, the applicant / consumer or his wiring contractor shall furnish the DHA EME Sector with full details of the energy consuming apparatus to be connected to the DHA's supply system, on the DHA EME Sector's prescribed form "WIRING CONTRACTOR'S COMPLETION AND TEST REPORT" obtainable free of charge from the DHA EME Sector's office.



5. **DEFECTS IN CONSUMER'S INSTALLATION:**

In the event of any defect discovered in the consumer's wiring or apparatus connected to the DHA EME Sector's mains or of any earth, or leakage occurring on any section of the circuits so connected, the consumer, in the absence of any of the DHA EME Sector's authorized employees shall immediately disconnect such part of the wiring or apparatus from its supply system until the defect or fault therein has been removed or remedied to the satisfaction of the DHA EME Sector.

6. **SERVICE CONNECTIONS:**

The consumer shall pay on demand the entire cost of services line, service equipment and other equipment in lump sum, Notwithstanding that the cost of a part of the services line may have been paid for by the consumer, the whole of the services line, together with any wires, meters and other apparatus belonging to the DHA EME Sector and installed on the consumer's premises shall be and remain the property of the DHA EME Sector who shall also have the right to use it for the supply of energy to any other consumers:

7. **ENERGY METER:**

The amount of energy supplied to a consumer shall be ascertained by means of a "Correct" meter to be provided by the DHA EME Sector. A kilowatt-hour meter shall be deemed to be "correct" if it registers the amount of energy supplied in kilowatt-hour within the permissible error (i.e 2 ½ per cent plus or minus) and a maximum demand indicator or other measuring apparatus shall be deemed to be "correct" if it registers the amount of energy supplied in kilowatt within the permissible limit of error (i.e. 3 per cent plus or minus).

- (a) Should the consumer at any time, doubt the accuracy of the metering equipment on his premises (taken on hire from the DHA), he may, upon giving seven days notice in writing to the DHA and framing to the DHA on demand the meter testing fee prescribed in the DHA Schedule of General Charges in force from time to time, cause a test of the impugned metering equipment to be made by the DHA. Should on receiving the notice and on inspection of the impugned metering equipment the DHA finds the impugned metering equipment to be untampered, safe and intact with all its accessories and seals, the DHA EME Sector may after informing the consumer, install another duly calibrated and tested metering equipment (check metering equipment) in series with the impugned metering equipment to determine the difference in consumption or maximum demand record by the check metering equipment and that recorded by the impugned metering equipment during a fixed period. IF on such comparative test being made, the impugned metering equipment should prove to be not correct, the impugned metering equipment shall be removed from the premises and the DHA shall refund the meter testing fee and adjust the consumer's account preceding the date of installation of check metering



equipment and future billing shall be done on the basis of the regarding recorded by the check metering equipment for the purpose of adjustment of consumer's account the whole error detected in the impugned metering equipment (and not only the difference beyond the permissible limit of error) shall be taken into account.

- (b) Should the DHA at any time doubt the accuracy of any metering equipment on a consumer's premises, the DAH EME Sector may, after informing the consumer, install another duly calibrated and tested metering equipment (check metering equipment) in series with the impugned metering equipment to determine the difference in consumption or maximum demand recorded by the check metering equipment and that recorded by the impugned metering equipment during a fixed period. If on such comparative test being made the impugned metering equipment should prove to be not correct the impugned metering equipment shall be removed from the premises the DHA shall, in the absence of any interference or alteration in the mechanism of the impugned metering equipment being detected by the DHA, adjust the consumer's account preceding the date of installation of check metering equipment. For the purpose of adjustment of consumer's account the whole error detected in the impugned metering equipment (and not only the difference beyond the permissible limit of the error) shall be taken into account.
- (c) The period of inaccuracy of any impugned metering equipment shall be determined by the DHA keeping in view the consumption recorded by the impugned metering equipment and the average monthly consumption of the consumer based on consumer's connected load, load factor and power factor of his load. Except in the case of injured, damaged or tampered with metering equipment, the consumer shall have the right under Section 26, read with Section 24 of the Act, to make an appeal against any such action of the DHA EME Sector to the Electric Inspector concerned after completing the formalities provided therein.

8. LIABILITY OF THE CONSUMER FOR DAMAGE TO THE DHA APPARTUS:

The consumers shall be solely responsible for and shall pay for any loss of, or damage to any electric supply lines, main fuses, meters and / or other apparatus belonging to the DHA on the consumer's premises, whether caused maliciously or through culpable negligence or default on the part of the consumer or any of his employees, or whether arising out of fire, theft or any other cause beyond the control of the DHA, always excepting reasonable wear and tear and loss or damages arising out of defects in the aforesaid electric supply lines, main fuses, meters and / or other apparatus belonging to the DHA EME Sector on the consumer's premises.

9. PREJUDICIAL USE OF SUPPLY:

The consumer shall not except to the extent herein prescribed, keep unbalanced the loading on the three phases of the supply taken by him from the DHA; the maximum Permissible deference in current between any two phased being 5 per cent.



10. DISCONTINUANCE OF SUPPLY:

Without prejudice to the rights of the DHA to take such other action against consumer as provided by the Act or the Rules and conditions and restrictions, if any imposed by the Act or the Rules, the DHA shall be entitled to disconnect supply without notice to the owner or occupier of any premises to which the supply is made and for that purpose to take off or remove any electric supply line, metering equipment or other apparatus from the premises, if the DHA has reasons to believe that such owner or occupant of the premises has:

- (a) Secured the electric connection by fraudulent means or.
- (b) Used the energy supplied to him by the DHA under one method of charging in a manner for which a higher method of charging is in force: or
- (c) Broken tampered with or counterfeited the DHA seals casing or covering affixed or placed by the DHA to protect any meter, or other measuring apparatus or.
- (d) Altered the index of any meter, or other apparatus or.
- (e) Prevented any meter from duly registering the amount of energy supplied or the electrical quantity contained in the supply or.
- (f) Prevented the supply consumption or use of energy from being duly registered by any meter, or other apparatus.
- (g) Made any additions or alterations in his energy consuming apparatus without notifying the same to the DHA with a view to their being examined, tested accounted or charged for by the DHA before being put into use; or.
- (h) Knowingly and willfully contravened any provision of the Rules or of these conditions of supply or of the terms of any agreement with the DHA: or
- (i) Failed to pay any amount assessed against him by the DHA, before the expiration of seven day's notice to disconnect supply served upon him by the DHA.

11. SECURITY DEPOSIT:

Before commencing or resuming supply to a premises, or, if there is change in the owner or occupier of a premises during the continuance of supply to such premises, the DHA may require a consumer or the owner or occupier of such premises to lodge with the DHA as security for the payment by the consumer of his monthly bills and for the value of meters and other measuring apparatus belonging to the DHA on the consumer's premises, a deposit in accordance with the scale prescribed in the DHA's Schedule of Consumer's Security Deposit in force from time to time. The security deposit shall be offered and accepted in case only and shall not be transferable in the name of any other consumer or same consumer against is other connection.



12. CHARGES FOR SUPPLY:

The methods of charging for the supply given to the consumer by the DHA shall be those prescribed in the DHA's Schedule of Electricity Tariffs in force from time to time, and except as provided therein, no consumer shall be entitled to ask for any charge in the method of charging agreed to at the time of obtaining the supply.

13. BILLS:

- (a) The DHA shall, ordinarily, render bills to the consumer monthly and payment thereof which must include bank charges (if any), shall be due to demand.
- (b) If any bill is not paid by a consumer in full within 15 days after the date of its presentation to him, the consumer shall upon the DHA giving him seven days' notice in writing of its intention to disconnect supply be liable to have the supply to his premises disconnected by the DHA. Should the premises be so disconnected, the supply shall not be reconnected restored by the DHA until full payment has been made by the consumer of all the outstanding bills including the minimum / fixed charges for the continued reservation of supply during the period of such discontinuance of supply and the charges for reconnecting or restoring the supply as prescribed in the DHA's Schedule of Electricity Tariffs and the DHA's Schedule of Services and General Charges in force from time to time.

14. ACCESS TO THE CONSUMER'S PREMISES:

A duly authorized employee of the DHA shall be entitled at all reasonable time and on informing the occupier of his intention to the premises to which energy is or has been or is to be supplied by the DHA for the purpose of:

- (a) Examining, inspecting and testing the electric supply lines, meters, other measuring apparatus, electric wires, fittings, works or an apparatus for the supply or use of energy whether belonging to the DHA or to the consumer's or.
- (b) Ascertaining the amount or energy supplied or the electrical quantity contained in the supply or the apparatus: or.
- (c) Removing where a supply of energy is no longer required or where the DHA is authorized to take away and cut off such supply and electric supply lines, meters or other measuring apparatus, fittings, works or apparatus belonging to the DHA; or.
- (d) Doing all other things necessary or incidental to the proper giving or maintaining supply to the consumer's premises.



15. ASSIGNMENT OR TRANSFER ETC; OF AGREEMENT:

The consumer shall not assign, transfer or part with any of the benefits of his agreement for supply with the DHA nor shall be in any manner part with or create any partial or separate interest there under.

16. SERVICE OF NOTICE:

- (a) Any Notice by the DHA to the consumer shall be deemed to be duly given if served in writing, addressed to the consumer and delivered by hand at or sent by post to the address specified in the Consumer's application and Agreement for Supply or Energy executed with the DHA or as subsequently notified in writing by the consumer to the office concerned of the DHA.
- (b) Any notice by the consumer to the DHA shall be deemed to be duly given if served in writing addressed to the DHA and delivered by hand at or sent by registered post to the office concerned of the DHA.

17. INTERPRETATION:

These conditions of supply shall be subject to the Rules, but nothing in these conditions shall abridge or prejudice the rights, powers and functions of the DHA under nay law for the time being in force.

18. RIGHTS TO REVISE THE CONDITONS OF SUPPLY, SCHEDULES OF ELECTRICITY TARIFF RATES AND SCHEDULES OF SERVICE / GENERAL CHARGES ETC:

Subject to clause 16 above, the DHA reserves the right at any time, to amend, cancel or add to any of these conditions of supply, the Schedules of Electricity Tariffs and the Schedules of Services Charges, General Charges and Security Deposit without giving any previous notice to consumers to that effect.

Signature of Witness

Signature of Applicant / Consumer



DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

SCHEDULE OF ELECTRICITY CHARGES

ITEM NO.	DESCRIPTION OF ITEM	ELECTRICITY CHARGES / UNIT
1.	220 Volt Service Connection of Capacity upto 5 KW	Rs. 20.00
2.	400 Volt Domestic / Commercial Connection Exceeding 5 KW	Rs. 23.00

Signature of Witness

Signature of Applicant / Consumer



DHA DEFENCE HOUSING AUTHORITY EME SECTOR
SCHEDULE OF GENERAL CHARGES

ITEM NO.	DESCRIPTION OF ITEM	SERVICE CHARGES
1	Meter Inspection and testing if the correctness of DHA's meter is challenged by the consumer and the meter on checking is found to be correct	- Three Phase Meter =Rs. 500
2	Reconnecting the premises of any consumer who was previously disconnected on account of breach by him of the conditions of supply or of his agreement with DHA	- Three Phase Meter =Rs. 2500
3	Replacement of a meter when the breakage is considered to be Act or Fault of the consumer	Electromechanical = Rs. 7,600/- Digital Meter = Rs. 13,000 /-

Signature of Witness

Signature of Applicant / Consumer



ANNEXURE "E"

DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

SCHEDULE OF SECURITY DEPOSITS

ITEM NO.	CONNECTION TYPE	SECURITY DEPOSIT
1.	Three Phase General Connection	Rs. 8000/-
2.	Commercial / Industrial Connection (3 Phase)	Rs. 1850/- Per KW

Signature of Witness

Signature of Applicant / Consumer



DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

DEMAND NOTICE

Serial No. ----- Date of Issue ----- Connection Type -----
Mr. ----- Resident of -----

is hereby informed that the competent Authority has granted approval for installation of the electricity connection of the above type. He is further informed to deposit a sum of Rs. ----- being the estimated cost for installation of such connection in the designated branch of Bank within 15 days of issue of this notice also intimating this office about the deposit of above amount.

1. He is further advised to send a Test Report of his installation alongwith above intimation of deposit of money in the Bank within the next 15 days of money deposit Test Report should be issued by a Government approved Wiring Contractor.
2. Further action regarding installation of Electricity Connection will be taken after the above requirements are met by you.
3. It is to be noted that the Demand Notice will be considered to have been cancelled if the above requirements are not met by you.

Engineering Department
DHA EME Sector, Lahore

Signature & Seal of Bank receiving
the Amount-----

FOR BANK USE

(This portion of the Slip should be sent by the Bank to DHA's office alongwith the Scroll)

Applicant name and address-----
Reference No. ----- Demand Notice No. -----
Bank name & Branch -----
Signature of Authorized Bank Officer with Seal -----

INTMATION FROM APPLICANT TO DHA.

This is to inform that the amount given in the Demand Notice No. ----- dated----- amountRs. ----- has been deposited in the Designated Bank branch. Also Test Report is being attached with the request to please install the Electricity connection at the address given in my application and Agreement form submitted to the DHA

Signature of Applicant



DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

SERVICE CONNECTION ORDER (S.C.O)

1. Service Connection Cost D.N No. ----- date -----
2. Security Deposit D.N No. ----- date -----
3. Date of Payment of Services Connection Cost-----
4. Amount of Security Deposit ----- date of Payment -----
5. Authorized by (Name)----- Signature-----
6. ----- Designation-----
----- Stamp -----
7. Store Requirement No.----- date -----
8. Nature of Connection ----- date -----
9. Sanctioned Load----- date -----
10. No. of Meters -----
11. Meter Number-----
12. Meter Reading -----
13. Date of Connection -----
14. Meter Rent ----- Service Rent -----
15. Signature of Consumer in Token o Installation of Connection-----
16. Signature of Consumer in Token of Receipt of Meter Reading Coar -----
17. Seals on the Meter -----
18. Seals on the Box -----
19. Security Slip prize Bond No. -----
20. Signature ----- Signature-----



DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

TEMPORARY DISCONNECTION ORDER

DATE -----ORDER NO. -----

NAME ----- ACCOUNT NO.-----

ADDRESS -----

----- AMOUNT OUTSTANDING -----

Please disconnect the above premises temporarily.

Reason Defaulter / Request of Consumer.

Stamp and Signature
Electrical Eng.

Premised Disconnected on

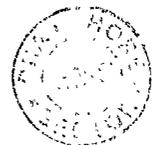
Premised Disconnected by

T.L No(s)

Meter No. (s)				
Condition of Meter (s)				

Signature of Consumer

Signature of Supervisor



DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHORE

APPLICATION FOR ELECTRICITY RECONNECTION	
DATE -----	SERIAL NO. -----
NAME	
ADDRESS	
A apply for electricity reconnection at the above premises Please let one know the amount I must pay to get the premised reconnection	
Signature Applicant.	
Account No. -----	Signature of Comm Sup Dt. ----- ----- -----
Arrears -----	
Reconnection Fee -----	
Total Amount -----	
Stamp of Accounts Officer DHA EME Sector Lahore.	



RECONNECTION ORDER (R.C.O)

SERIAL NO. ----- DATE -----

CONSUMER WITH THE FOLLOWING PARTICULARS HAVING CLEARED ALL THE arrears against him and deposited the reconnection charges is order to be reconnected.

Name ----- Reference No. -----

Address -----

DHA Engineer

TO BE FILLED BY RECONNECTION OFFICIAL
& RETURNED TO DHA ENGG. OFFICE

Reconnection Date -----

Meter reading on the date of reconnection -----

Conditions of meter -----

Name and signature of reconnection official -----

Signature of Consumer -----



DHA DEFENCE HOUSING AUTHORITY EME SECTOR LAHOREDISCONNECTION ORDER (E.R.O)
(TO REMOVE EQUIPMENT)

NO.				
NAME		ISSUE DATE		
ADDRESS				
BILLING MONTH				
REFERENCE NO.	TARIFF	AMOUNT OF BILL NOT PAID	SURCHARGE	AMOUNT DUE
RECONNECTION FEE WILL HAVE TO BE PAID SEPARITELY FOR RECONNECTION AS PER STANDING INSTRUCTIONS IN ADDITION ABOVE				
				ACCOUNTS OFFICER DHA
ACTION TAKEN BY	ACTION DATE	MATERIAL RETURE NOTE NO	DATE	
IL NOS.				
METER NOS.				
READINGS				
CONDITION OF METER				
REMARKS AND SIGNATURE OF LINE SUPERINTENDENT				
FOR WARDING ADDRESS			REVENUE OFFICER / S.D.O	



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

BILLING & COLLECTION PROCEDURE



BILLING & COLLECTION PROCEDURE

REVENUE COLLECTION

This section is the back bone of the project. Timely billing to the customer and realizing the amount plays a vital role in smooth running of the project.

The Revenue Collection consists of:

- Meter Reading.
- Preparation and Distribution of Electricity Bills.
- Preparing List of Defaulters and Issuing Disconnection Orders.

METER READING

For the purpose of meter reading, the entire area is divided into Blocks such that the meter reader can read the Block in one/two days. A code for each sector is allocated.

An Account No. or Reference No. is issued to each Customer. All A/C Nos. issued in area has the sector code as prefix which indicates the area/location of the House.

The meter reading is scheduled in a manner such that entire Customers are read within seven days. The reading is entered in a meter reading book where one page for one Customer is allocated and monthly reading is recorded.

Once the reading cycle is completed the meter reader prepares a list of the meter readings on the sheet and send it through meter reading inspect to the billing department for issuance of the bills. (Sample of meter reading book is attached as Annexure I).

RESPONSIBILITY OF METER READING.

The connections in the Housing Scheme are all Domestic and Commercial under Tariff Categories A1 and A2.

Meter Supervisor counter checks about 10% of the meter readings recorded by Meter Inspector each month for its correctness.

GENERATION OF THE BILLS.

Once the reading list is received in billing section, the section incharge checks the list for any ambiguity and then passes it to the data clerk for feeding the reading in computer against each A/C No.

The computer is programmed for bill Generation once the reading is fed into the system.



The bills are Generated Sector wise and these are then given to the bill distributor for distributing to the concerned Customer. The bill clearly states the last date of payment and 10% of surcharge is imposed if the bill is not paid in time. The bills are paid in the bank. The billing section monitors the payment status of each Customer.

If the Customer has not paid the bill of previous month, then the next bill issued carries a Disconnection Notice.

List of all such Defaulters is passed on to O&M section for disconnecting the premises after due date of bill.

DISCONNECTION AND RECONNECTION.

The defaulter Customer, if unable to show the payment receipt to the O&M staff, the staff will disconnect the Customer supply and send report of DCO compliance to Revenue Section.

The disconnected Customer after payment of the Electricity dues will submit on application to EME office with receipts of payment requesting for the restoration of supply.

EME shall charge a sum of Rs.2500/- as reconnection fee from the Customer before restoring the supply.

CORRECTION OF BILL AND CONSUMER COMPLAINTS.

The Consumer complaint on the bill correctness shall be verified by Revenue Section and case sent to Project Engineer for resolving the matter.

Project Engineer will get the reading checked and, if these are found to be incorrect, shall issue corrected bill.

If the Customer challenges the recording of the meter, then the same shall be got tested from meter testing unit or from any outside agency after getting the testing fee from the Customer.



DHA DEFENCE HOUSING AUTHORITY EME SECTOR
SCHEDULE OF SERVICE CHARGES

ITEM NO.	DESCRIPTION OF ITEM	SERVICE CHARGES
1.	220 Volt Service Connection of Capacity upto 5 KW	Rs. 20 /- per Unit
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DHA DEFENCE HOUSING AUTHORITY EME SECTOR
SCHEDULE OF GENERAL CHARGES

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DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

PROTECTION, CONTROL AND MEASURING INSTRUMENTS



PROTECTION, CONTROL AND MEASURING INSTRUMENTS

CONTROL AND PROTECTION:

The 11KV primary distribution network is radially fed from the grid station, which are manned on a 24 hour basis by a LESCO Grid Station Organization (GSO) . Investigation of 11KV feeder faults from Chung Grid Station to DHA EME Sector is carried out by GSO staff who record and analyze the information from protection relay signals and report after fault finding patrols.

The 11KV feeders are protected by three phase overcurrent relays in the grid station. As the transformers have their 11KV neutral solidly earthed the relays provide protection for both phase to phase and phase to ground faults.

Selectively is achieved at 11KV/LV transformer in-feed points by fuses on the 11KV side. In general there are no breakers or fuses on the LV side in Overhead Distribution System.

However, in Underground System the transformer 11KV/HV side High Rupturing Capacity (HRC) fuses and LV side is provided with Miniature Circuit Breakers (MCB's) for protection purposes.

Load balancing on transformer phases carried out to protect the transformer damage on account of unbalancing of loading on transformers.

In Underground Distribution System transformers are earthed at three points, neutral, body and HT chamber. RMU's and LT distribution boxes (DB's) are also earthed for protection purpose.

- All the line staff is also provided Personal Protective Equipment.
-

MEASURING INSTRUMENTS :

- Power Analyzer
- Multimeter
- Meggar 11000V
- Earth Resistance Tester
- Clip-on Ampere Meter



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

METERING AND TESTING FACILITIES



METERING AND TESTING FACILITIES

EME Housing society procures meters from LESCO/ WAPDA approved Manufacturers. Same meters are installed in the consumer premises, however, accuracy is checked before the installation.

Mostly meters installed in EME housing society are Electromechanical however all the new meters being installed are digital meters.

A sample comprising ten meters shall be selected at random from each lot and eight meters be subjected to electrical test and two meters for mechanical test.

METER DISPLAY CHECK ITEMS

EME checks the following display items before installing the Meters:

- Phase Indicators.
- Power Quadrant Indicator.
- All Segment Check.
- Display Mode Indicator.
- Display Quantity Labels.
- Pulse Output for field testing of Meter available on the Display/Optical interface

METER CHALLENGE BY CONSUMER

When and if meter accuracy is challenged by any Consumer, it is then first checked with available in-house facility, and on inspection of the impugned metering equipment the DHA staff install another duly calibrated and tested metering equipment (check meter) in series with the impugned metering equipment to determine the difference in consumption or maximum demand recorded by the check metering equipment and that recorded by the impugned metering equipment during a fixed period.

If on such comparative test being made, the impugned metering equipment should prove to be not correct, the impugned metering equipment shall be removed from the premises, For the purpose of adjustment of consumer's account the whole error detected in the impugned metering equipment (and not only the difference beyond the permissible limit of the error) shall be taken into account.

The period of inaccuracy of any impugned metering equipment shall be determined by the DHA keeping in view the consumption recorded by the impugned metering equipment and the average monthly consumption of the consumer based on consumer's connected load, load factor and power factor of his load.



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

COMMUNICATION SYSTEM



COMMUNICATION SYSTEM

DHA EME Sector has provided Mobiles sets to all officers and line staff for communication round the clock .



DEFENCE HOUSING AUTHORITY LAHORE

DHA PHASE- XII

EME SECTOR

TRAINING AND DEVELOPMENT



TECHNICAL TRAINING AND COUSTOMER RELATIONS

In Order to keep EME Staff fully updated EME Housing Scheme has established a Training and Development Center.

Training is provided to employees of Customer Services and the Electrical department.

Classes at regular interval are arranged by the Project Engineer Electrical for the Technical Staff where new and efficient maintenance and fault locating methods are being explained for implementation.

The Employees from customer relations are also updated at regular intervals of any change in customer policy and change of Tariff etc.

