



Electricity Department-II  
New Delhi Municipal Council  
Office of the Executive Engineer (E) IPDS Division  
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Ref. No. 566/EE (E) IPDS/2018-19

Dated: 09.05.2018

**Minutes of the 5<sup>th</sup> Meeting**

A meeting was held under the Chairmanship of Chairman NDMC on 09.05.2018 at 09:30 PM., in the Council Room at 3<sup>rd</sup> Floor, Pallika Kendria, New Delhi for implementing the work of "Advanced Metering Infrastructure (AMI) IT Infrastructure & SCADA/DMS". Following were present:-

**NDMC**

- |    |                           |                         |
|----|---------------------------|-------------------------|
| 1. | Sh. Naresh Kumar          | Chairman NDMC           |
| 2. | Sh. A.K Joshi             | Chief Engineer (E- II)  |
| 3. | Sh. Chaman Lal            | SE (E-II)               |
| 4. | Sh. Suresh Chandra        | SE(E-IV)                |
| 5. | Sh. S.K Bhardwaj          | S.E Commercial          |
| 6. | Sh. A.W Ansari            | Jt. Director IT & Comm. |
| 7. | Sh.M.S Khan               | EE (IPDS)               |
| 8. | Sh. Bhawani Shanker Singh | Programmer (IT)         |

**M/s EESL**

- |    |                   |                   |
|----|-------------------|-------------------|
| 1. | Sh. Saurabh Kumar | Managing Director |
| 2. | Sh. Ajay Sharma   | Dy. GM            |
| 3. | Sh. S.K Gaurav    | Sr. M             |

**M/s L&T**

- |    |                  |     |
|----|------------------|-----|
| 1. | Sh. Kapil Sharma | L&T |
| 2. | Sh. Karthikeyan  | L&T |

**M/s Genus**

- |    |                        |                         |
|----|------------------------|-------------------------|
| 1. | Sh. Kailash Paliwal    | Regional Manager, Genus |
| 2. | Sh. Virender Choudhary | Engineer, Genus         |

**M/s E&Y**

- |    |                     |     |
|----|---------------------|-----|
| 1. | Sh. Sudhanshu Gupta | E&Y |
|----|---------------------|-----|

**M/s EDF, France,**

- |    |                   |                  |
|----|-------------------|------------------|
| 1. | Sh. Ujjwal Mathur | Sr. Manager, EDF |
| 2. | Sh. Rajeev Tiwary | Head B.D         |
| 3. | Sh. Arjun Uberoi  | Dy. Manager, EDF |

**M/s WAPCOS Ltd.,**

- |    |                  |                |
|----|------------------|----------------|
| 1. | Sh. Ankur Panwar | Chief Engineer |
| 2. | Sh. Anoop Singh  | Engineer       |

Working plan/methodology framed by EESL for Smart Grid deployment was discussed deliberated and following decisions were taken:-

1. EESL re-assured that the timeline committed for completion of AMI System for all Smart Meters as stated in the previous meeting shall stand same i.e on October 2<sup>nd</sup>, 2018. Commissioning of Proof of Concept (POC) with 50 smart meters and HES with MDM and Billing shall be completed by August 15<sup>th</sup>, 2018. Further, the action plan is as follows:-

S. No.	Action Item	Start Date	End Date
1	Consumer Indexing	15-May	30-Jun
2	AS IS Study of Legacy System	15-May	30-May
3	HES Integration (Base Version- Billing, Remote, Meter mapping)		15-Jul
4	UAT for HES with MDM and Billing	16-Jul	23-Jul
5	Meter Installations for 50 Meters	1-Jul	15-Aug
6	Meter Installation (All)	08-Aug	7th Sep
7	PoC / Go-live for 50 meter (Billing- Single phase meter)		15-Aug
8	Go-live for all meter (Project) including UAT	16-Aug	2-Oct
9	Meter Supplies (2500 Per Day)	01-Aug	30-Aug
10	No of Teams for Meter Installations	300 Teams	

**(Action- EESL.).**

2. The supply of single phase smart meters shall start w.e.f May 20<sup>th</sup>, 2018 since ERDA (NABL Accredited Smart Meter Testing Laboratory) will release the type test reports for Single phase smart meters by May 15<sup>th</sup>, 2018. The 3 phase direct current & LT CT smart meters shall be ready for supply w.e.f June 30<sup>th</sup>, 2018. The supplier for the 925 HT CT shall be finalized and intimated by EESL.

**(Action- EESL.).**

3. NDMC shall identify the first lot of 50 consumers where EESL can deploy the smart meters with complete back end integrated HES, MDM & CC&B. The list of consumer primarily shall include NDMC Schools, hospitals, electricity department & residences of people employed in NDMC.

**(Action- Comml. Deptt.).**

4. EESL to deploy the CC&B Billing Module on Cloud to maintain homogenous environment, integrated with MDM and payment gateways.

**(Action- EESL.).**

5. The draft of commercial agreement shall be shared by EESL by May 11<sup>th</sup>, 2018.

**(Action- EESL/IPDS/EDF.).**

6. EESL to maintain high level of Cyber Security Standard's for NDMC consumers. EDF shall work with L&T to draft and validate the Cyber Security Protocols as per International standards for all systems.

**(Action- EESL/EDF.).**

7. NDMC to share the SCADA scope of works & BOQ details to EESL officially by May 19<sup>th</sup>, 2018.

**(Action- IPDS/EDF.).**

8. NDMC, EESL along with all stakeholders to meet every alternate Saturday starting from 26th, May 2018 at 11 AM. EESL to ensure the presence of senior personnels from L&T, Schneider, Oracle & Genus.

**(Action- NDMC/EESL.).**

9. The team of 3 Members to be formed from EESL, L&T and EDF to work collectively by nominating one dedicated member from each organization for conducting testing & validation of all deployed IT systems , along with overall project coordination and ensure all cyber security protocols.

**(Action- IPDS/EDF/EESL.).**

10. EDF to advice and validate the integrated testing methodology on the EESL's integrated AMI, SCADA, ADMS and OMS smart metering deployment applications (First Isolated systems and then the overall system). The further steps regarding this methodology shall be shared with EESL team for coordination in the schedule and availability of team.

**(Action- EDF/EESL.).**

Meeting ended with vote of thanks to the Chairperson.

**Sd/-**

**(Er. M.S. Khan)**

**Executive Engineer (E) IPDS**

**To: -**

1. M/s EESL.
2. M/s WAPCOS Ltd.
3. M/s EDF, France.

**Copy to: -**

- |                               |   |   |
|-------------------------------|---|---|
| 1. CE (E-II)                  | : | For favour of kind information please     |
| 2. Director (Comml.)          | : | -do-                                      |
| 3. Director IT                | : | -do-                                      |
| 4. Jt. Director (IT & Comml.) | : | -do-                                      |
| 5. SEE (Comml.)               | : | -do-                                      |
| 6. SE (E-II)                  | : | -do-                                      |
| 7. SE (E-IV)                  | : | -do-                                      |
| 8. AEE (IPDS)                 | : | For follow up please.                     |
| 9. PS to Secretary            | : | For kind information to Secretary please. |
| 10. PS to Chairman            | : | For kind information to Chairman please.  |
| 11. Office copy               | : | For record please.                        |

**(Er. M.S. Khan)**

**Executive Engineer (E) IPDS**