

SYNOPSIS OF SMART GRID PROJECT

Approved areas for the implementation of the Smart Grid Pilot Project : Town -I Sub-Division comprising of Town South, Town Central, Town South Central and Town North O&NM sections

Approved cost : Rs. 46.11 Crores - Revised cost Rs. 33.83 Crs.

Consultants : M/s POWERGRID INDIA Ltd.,

Smart Grid Implementing Agency : M/s Dongfang Electronics Co. Ltd.,

Total Quoted cost by IA Rs. 43.91 Crores

Cost Now Restricted to : Rs. 33.83.Crores

BREAKUP OF QUOTED COST

NSGM Cost Evaluation		
Sl. No.	Description	Amount (in Rs.)
A	Cost of Supply as approved	39,34,45,020
B	Items now disallowed under Supply	6,82,72,737
B.1	Furniture	1,175,993
B.2	HHU	365,215
B.3	Smart Meter Box	6,67,31,530
C	Cost of Installation & Training as approved	1,82,35,952
D	Items now disallowed under Installation & Training	50,14,908
D.1	Furniture	7,392
D.2	HHU	2,405
D.3	Smart Meter Box	39,22,111
D.4	Training at Site, Contractor Facility	10,83,000
E	Maintenance (TO be borne by the State Government)	2,74,63,791
F	Items not Approved in Maintenance (for 1 to 5 years)	2,74,63,791
G	Total (A-B+C-D+E-F)	33,83,93,327
H	PMC @ 5%	1,69,19,666
I	Total (G+H)	35,35,12,993
J	MoP Share (@50% of I)	17,76,56,496
K	State Government's share 50% of G	16,91,96,664

Funding Pattern: 50% of the project cost to be met as Grant from the Ministry of Power, GoI. and the remaining 50% to be funded through State Budget. State's share of the project is now funded by the Implementing Agency and shall be repaid in 60 equated monthly installments on completion of the project.

Date of Award of work	: 23.05.2016
Date of signing of Agreement	: 06.07.2016
Original Project Completion schedule	: November 2017
Revised Project Completion schedule	: March 2019
Expected date of completion	: December 2018
Expenditure incurred so far on Consultant	: Rs. 21 Lakhs
Expenditure incurred so far on IA	: Rs. 4.23 Crores + 1.81 Crores = Rs. 6.04 Crores.
Amount released by MoP as 1 st & 2 nd installment on completion of 1 st & 2 nd mile stone	: Rs. 8.88 Crores
Balance available	: Rs. 2.76 Crores.

PRESENT STATUS

- All Hardware and Software required for the project received
- Installation of 120 DCUs and 21,350 meters completed. Installation of remaining meters under progress.
- Control Center equipment installed and tested.
- All software related to AMI & PLM installed and tested.
- 100 Sim cards received and are under testing before being installed in the DCUs.
- CC is operational.

EXPENDITURE INCURRED

- Rs 4.44 Cr. received form MoP as Grant on completion of the 1st milestone as per guidelines as per sanction letter dated 18.01.2017
- Rs. 4.44 Crores received form MoP as Grant on completion of the 2nd milestone as per guidelines as per sanction letter dated 18.01.2017
- Further Grant of Rs. 5.32 likely to be sought for by end of September 2018.

Deployment of smart meters overall figures as on 04.09.2018

Meters		single ph	Three Ph	CT Meters	Total	DCU
Received	1st Lot	1980	480	120	2580	100
	2nd Lot	10750	3759	359	14868	544
	3rd lot	10981	3982	1291	16254	16
Total received		23711	8221	1770	33702	660
Town South		3380	1666	10	5056	41
Town Central		3524	1733	22	5279	36
Town S. Central		5317	1617	41	6975	45
Town North		3956	1215	9	5180	0
Total		16177	6231	82	22490	122
Balance to be fixed		7534	1990	1688	11212	538
Fixed %		68.23	75.79	4.63	66.73	18.48