

**DAKSHIN HARYANA BIJLI VITRAN NIGAM LIMITED**

(A Power Distribution & Retail Supply Utility, Govt. of Haryana)

CIN: U99999HR1999SGC034165, Regd Office: Vidyut Sadan, Vidyut Nagar, Hisar-125005

Phone No. 01662-223338, Fax No. 01662-223153

o/o Chief Engineer/Smart City Project, DHBVN, Hetri House, Sector-16, Gurugram

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To

SE/Administration
DHBVN, Hisar

Memo No. - Ch-56/RTI/SCP-57/Vol-III

Dated - 4/6/2020

Subject: Proceedings of the workshop on RTI and Suo Motu disclosure u/s 4(1) (b).

Please refer to your office memo no. Ch-61/SE/Admn/REG-57/Vol-XXXI dated 07.05.2020 vide which it was requested to comply with the aforementioned instruction by uploading the requisite information/details on the DHBVN's website.

In this regard please find enclosed the information of Smart City project of Gurugram for uploading the same in the webportal of Nigam as per Section 4 of RTI-2005.

It is added that vide SE/Admn office order no. 22/SE/Admn/REG-57 dated 14.09.2019 the details of designated officers for Smart City Project of Gurugram is as under:

	Name of SPIO	Email ID	Phone No.	Office ADDRESS
Name of SPIO	SE/ Smart City Project, Gurugram	sesmartcity@dhbvn.org.in	9050525444	o/o Chief Engineer/Smart City Project, DHBVN, Hetri House, Sector-16, Gurugram
Name of the First Appellate Authority	CE/Smart City Project, Gurugram	Cesmartcity@dhbvn.org.in	9540954610	

It is further requested to upload the above details of SPIO & First Appellate Authority for Smart City project office in the web portal of Nigam.

DA/As Above


Superintending Engineer/SCP,
For CE/SCP, DHBVN, Gurugram.

CC:

1. CE/Smart City Project, DHBVN, Gurugram for kind information please.
2. SE/IT, DHBVN, Gurugram with the request to upload the same on webportal of Nigam under intimation to this office please.

About Smart City Project of Gurugram

Smart Grid Project of Gurugram had been envisaged in April 2015 in the joint meeting of MoS and CM, Haryana and it was decided to develop electricity distribution infrastructure in to a most modern system where we could ensure uninterrupted power to the consumers could be ensured. Detailed project report was accordingly prepared and submitted to the MoP (GoI) for funding and for deciding other modalities.

The whole project has been divided into following stages:

Stage-I - Renovation/modernization of the existing 11 kV feeders in Sector-1 to 57 of Gurugram, by way of laying 11 KV underground system in ring main for redundancy along with SCADA enablers and Optical Fibre cable.

The scope of work under Stage-I covers the following:

- a. **HT line:** Bifurcation of overloaded 11 kV feeders having load more than 150 Amps. The existing overhead 11 kV lines network shall be converted into underground cable network using 11 kV XLPE cables.
- b. **LT line:** Bifurcation/ Augmentation of LT line with ACSR conductor/ cable and additional new LT line on need basis as per site requirement and provision of additional poles in the existing LT Line to reduce the span length. Provision of LT AB Cable or LT Underground XLPE cable, primarily in village areas falling within the urban area sectors 1-57 and the theft prone areas, shall be made as per need basis.
- c. **Ring Main Units (RMUs):** The Ring Main Units shall be provided at HT line T-off, HT connection as sectionalisers, providing ring configuration for alternate backup supply. The RMUs to be installed under the project shall be motorized with FPI but without FRTU and which shall have the SCADA capability for connecting FRTU in future for enabling the SCADA functionality up to the DT level.

- d. **Distribution Transformer:** Considering the future load growth additional distribution transformers as well as Augmentation of overloaded distribution transformers shall be proposed. The loading on the DTs shall be limited upto 70% of rated capacity.
- e. **LT panels/ protection:** Provision of the LT/ACB or LT/MCCB on the outgoing side of the 400KVA and above capacity DTs shall be made. For below capacity DTs conventional erection standards to be followed.
- f. **Load clubbing:** All the HT connections running on under loaded independent feeders on same route may be shifted/clubbed on one feeder with the provision of ring main unit and redundancy within the ambit of HERC regulations and adequately addressing the open access issue.
- **Stage-II** – SCADA to be implemented only up to the substation level in one go for whole Gurgaon.
 - **Stage-III** - Implementation of Advanced metering Infrastructure (AMI) in the entire Gurugram (Sectors 1 to 57).
 - **Stage-IV** – Conversion of LT network in to underground network with provision for redundancy at LT network level. Implementation of SCADA up to Distribution transformer level (Up to RMU).

Status of Progress of the work under Smart City Project of Gurugram up to 31.05.2020

A. The infrastructure part of the project has been divided in to 4 (four) contracts against tender specifications nos. viz. TSGP – 05, TSGP – 06, TSGP – 08 and TSGP – 10; the details of which are as below:

i) **TSGP-05/2017-18 (SCP & IPDS)**

- | | |
|-----------------------------|--|
| • Name of Firm | M/s Vindhya Telelinks Limited |
| • Date of Award | 29.09.2017 |
| • Scheduled completion date | 28.09.2019 (SCP) and 21.06.2019 (IPDS) |
| • Award Cost | Rs. 255.80 Cr |

- Cost after foot survey Rs. 225.30 Cr (SCP) and 46.30 Cr (IPDS)
- Areas covered SCP areas (DLF Sub-Division and Partial areas of Maruti Sub-Division (Sectors 14 & 17, Sukhrali) & South City Sub-Division (Jharsa)) and IPDS areas (South City Sub-Division- (Sector-30, 31, 32 & 40))
- Total feeders- 147 nos.
- In SCP- 122 nos.
- In IPDS- 25 nos.
- Charged on Load/Physically completed- 94 Nos

ii) TSGP-06/2017-18 (SCP & IPDS)

- Name of Firm M/s Tata Projects Limited
- Date of Award 29.09.2017
- Scheduled completion date 28.09.2019 (SCP) and 21.06.2019 (IPDS)
- Award Cost Rs. 239.52 Cr
- Cost after foot survey Rs. 241.85 Cr (SCP) and 39.63 Cr (IPDS)
- Areas covered SCP areas (Maruti Sub-Division and IDC Sub-Division) and IPDS areas (Maruti Sub-Division- (Sector-21, 22, 23 & 23A))
- Total feeders- 145 nos.
- In SCP- 129 nos.
- In IPDS- 16 nos.
- Charged on load/Physically completed- 44 nos. (SCP+IPDS)

iii) TSGP-08/2018-19

- Name of Firm M/s Tata Projects Limited
- Date of Award 28.11.2018
- Scheduled completion date 27.11.2020
- Award Cost Rs. 354.86 Cr

- Cost after foot survey Rs. 381.83 Cr
- Areas covered South City and Kadipur Sub-Divisions
- Total feeders- 166 nos
- %age of work completed at site 10%

iv) **TSGP-10/2018-19**

- Name of Firm M/s L&T Limited
- Date of Award 11.09.2019
- Scheduled completion date 10.09.2021
- Award Cost Rs. 285.50 Cr
- Cost after foot survey Rs. 287.34 Cr
- Areas covered Sohna Road and New Colony Sub-Divisions
- There are a total of 122 nos. 11 kV feeders to be covered under the NIT.
- Site execution has been started on 01.06.2020

B. SCADA implementation in IMT Manesar - TSGP-07/2017-18

- Name of Firm M/s SNS Technocorp Pvt. Limited
- Date of Award 06.09.2019
- Scheduled completion date 05.06.2020
- Award Cost Rs. 31.25 Cr
- Areas covered IMT Manesar
- There are a total of 6 nos. 66/11 kV substations to be covered under the NIT in IMT Manesar. Scope includes the Supply, Installation, Testing & Commissioning of RMUs along with SCADA system
- Out of 235 nos. civil foundations for RMUs, 120 nos. have been completed.

C. Consultancy work in Sector 58 to 115 of Gurugram - TSGP-12/2019-20

- Name of Firm M/s Voyants Solutions Pvt. Limited
- Date of Award 30.12.2019
- Scheduled completion date 12.07.2020
- Award Cost Rs. 2.97 Cr
- Areas covered Sector 58 to 115 Gurugram

- Scope includes the preparation of DPR for electrical network planning, designing and preparation of GIS based drawings for development of distribution infrastructure in Sectors 58 to 115 of Gurugram at 33 kV voltage level.

D. Installation of Smart Meters (AMI in DHBVN)- M/s EESL

- Name of Firm M/s EESL
- Date of MoU 11.07.2018
- Award Cost NA (OPEX Model)
- Areas covered Gurugram, Faridabad, Hisar
- The scope includes the installation of 5 lacs Smart Meters in DHBVN. The work of installation of Smart meters is being carried out in Gurugram. 62823 Nos Meters have been installed by EESL.