

- d) Providing 01 No of 4 way compact RMU (2OD+2VL)
- e) Providing 03 Nos of intermediate ODs
- f) Extension of 11 kV 3*240 sqmm XLPE UG cable to a distance of 2.5 kms inside the layout
- g) Providing 03 Nos of 4 way RMU (2OD+2VL)
- h) Providing 02 Nos of 5 way RMU (2OD+3VL)
- i) Providing 01 Nos of 250 kVA 5 star rated DTCs under self execution for which SEE, BRC has accorded an approval vide Lr No. 1152-54 dtd 20-05-2024 and 11 Nos of 250 KVA under DCW
- j) Extension of 1.1 kV LT line using 3*240 sqmm XLPE UG cable to a distance of 9.5 kms
- k) Providing 66 Nos of 12 way LT feeder pillar boxes
- l) Providing 258 Nos of energy efficient LED street lights (single arm) and 36 Nos of street lights (double arm) using automatic control switches
- m) Providing 294 Nos of tubular poles

Alternate source:

Line: Existing 11 kV NF-15 Pepsi feeder which has 3*400 sqmm UG cable,

Peak load-60 Amps

MUSS: 66/11 kV Nelamangala MUSS

Peak load: 38 MW

Installed capacity of transformer: 3*20 MVA

Bank-2,

PL-800 Amps

The following works are proposed under self execution :

- a) Extension of 11 kV line using 3*400 sqmm XLPE UG cable to a distance of 0.3 kms
- b) Providing 01 No of 11 mtrs pre stressed pole
- c) Providing 01 No of 400 Amps GOS

The total cost of the estimate is Rs. 6,84,85,722/- (Rs. 6,02,01,545/- towards self execution and Rs. 82,84,176/- towards DCW) (Application ID: 9689596)

You have to pay the following amounts in the form of DD in favour of Asst. Executive Engineer Ele., BESCOM, Nelamangala sub-division within 90 days from the date of this power sanction.

- a. Rs. 15,00,000/- (sub to max) (Rupees fifteen lakh only) towards 5% Supervision charges on estimate cost of Rs. 5,96,51,545/- (self execution) (excl'd DEI & other)
- b. Rs. 1,35,000/- (Rupees one lakh thirty five thousand only) towards 9% CGST
- c. Rs. 1,35,000/- (Rupees one lakh thirty five thousand only) towards 9% SGST
- d. Rs. 12000/- (Rupees twelve thousand only) towards transformer testing charges
- e. Rs. 1080/- (Rupees one thousand eighty only) towards 9% CGST

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- f. **Rs. 1080/-** (Rupees one thousand eighty only) towards 9% SGST
- g. **Rs. 60,000/-** (Rupees sixty thousand only) towards cable testing charges
- h. **Rs. 5400/-** (Rupees five thousand four hundred only) towards 9% CGST
- i. **Rs. 5400/-** (Rupees five thousand four hundred only) towards 9% SGST
- j. **Rs. 36,720/-** (Rupees thirty six thousand seven hundred and twenty only) towards RMU and OD testing charges
- k. **Rs. 3305/-** (Rupees three thousand three hundred and five only) towards 9% CGST
- l. **Rs. 3305/-** (Rupees three thousand three hundred and five only) towards 9% SGST
- m. **Rs. 82,84,176/-** (Total Rupees eighty two lakh eighty four thousand one hundred and seventy six only) **towards DCW.**
- n. **Rs. 16,56,835/-** (Total Rupees sixteen lakh fifty six thousand eight hundred and thirty five only) **towards 20% tender premium on DCW cost of Rs. 82,84,176/-**
- o. **Rs. 1,49,115/-** (Rupees one lakh forty nine thousand one hundred and fifteen only) towards 9% CGST
- p. **Rs. 1,49,115/-** (Rupees one lakh forty nine thousand one hundred and fifteen only) towards 9% CGST
- q. **Rs. 8,28,418 /-** (Total Rupees eight lakh twenty eight thousand four hundred and eighteen only) towards 10% ESCOM Establishment charges on total estimate cost (DCW cost of Rs. **82,84,176/-**)
- r. **Rs. 34,24,286/-** (Rupees thirty four lakh twenty four thousand two hundred and eighty six only) towards one time maintenance charges @ 5% of the total estimate cost of Rs. **6,84,85,722/-**
- s. **Rs. 3,08,186/-** (Rupees three lakh eight thousand one hundred and eighty six only) towards 9% CGST
- t. **Rs. 3,08,186/-** (Rupees three lakh eight thousand one hundred and eighty six only) towards 9% SGST

- 1) **11 KV system** shall be as per KPTCL/ BESCO standard practices.
- 2) The applicant has to execute the works under self-execution through Karnataka State government approved **Supergrade/ Class I Electrical Licensed Contractor** in co-ordination and under the guidance of KPTCL/BESCO officials.
- 3) The entire Distribution system with connected equipments shall be taken over by KPTCL/ BESCO after completion of works.
- 4) All the major materials like Transformers, ACSR conductor, Metering cubicle, HT UG cable, LT UG cable, 11 kV Pin insulators and 11 kV single / double break GOS shall be procured by the agencies only from the BESCO approved vendors and other materials may be procured from authorized dealers of approved vendors to BESCO. You have to utilize only Polymer Insulators as per corporate circular vide Lr no. BESCO/BC-9/CGM(CA)/DGM(CA-3)/F-752/13-14/CYS-113 dt 29-8-13.

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