



CHHATTISGARH STATE POWER TRANS. CO. LTD.

(A Govt. of Chhattishgarh undertaking) (A successor company of CSEB)

CIN- U40108CT2003SGC015820 /GSTIN:22AADCC5773E1ZX

O/o Executive Director (Store & Purchase)

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No.02-16/SE-I(S&P)/TR-20/S&P/56/No 0402-1 Raipur, Dtd:

PRE-BID CLARIFICATION

16 JUN 2021

To,

M/s. Danish Pvt Ltd.
Corporate Office & works,
F-679,680,G-694,
Sitapura Industrial Area,
Jaipur,Rajasthan

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FAX: 0141-5164501

e-mail: info@danish.co.in

Sub:- Tender No.TR-20/S&P/56 for procurement of 132 KV C&R Panels for feeder, transformer, Transformer Incomer & spare relays-Pre Bid Clarification

Ref:- i) T.O tender no TR -20/S&P/56 due on 04.06.2021 extended upto 25.06.2021.
ii) Your letter no. DPL/20-21/CSPTCL-TR-20/S&P/56/02 dtd 12.06.2021

Dear Sirs,

We are in receipt of your letter under reference (ii) vide which you have sought clarification of various points in respect of tender TR- 20/S&P/56 for procurement of 132 KV control & relay panel . The pointwise clarifications are as under:-

i) Distance Protection Relay :-As per tender specification the distance relay shall have **Minimum 08 nos. of output contacts** of trip duty & **Minimum 12 no of input contacts/ input Opto connectivity.**

The other specifications shall be as per clause 10,page 44 of tender specification.

ii) Transformer Differential Relay:- As per tender specification the Differential relay shall have following features:-.

a) **A numerical differential relay with minimum two winding** shall be provided. The operating time of the relay should be less than 30 ms. The relay shall be suitable for display of load current and fault data through a HMI. Relay shall have IRIG-B/SNTP port for time synchronizing.

b) The relay shall have following **inbuilt protection features**. However, these are not to wired in the protection scheme as separate relays are to be provided for below given protection functions.

i) Over excitation (V/f) protection

ii) REF protection with high impedance

iii) IDMT and Definite time and Over current protections with settable time delay.

c) **The relay shall have a minimum of 12 output, out of which a min. of four should be trip heavy duty type and 12 Opto input contacts.**

The other specifications shall be as per clause 5, page 63 of tender specification.

iii) Directional O/c & E/f Relay:- As per tender specification the Directional O/c & E/f relay shall have **Minimum 08 nos of input contacts & Minimum 08 nos. of output contacts including watchdog contact**

The other specifications shall be as per clause 10, page 49 of tender specification.

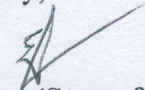
iv) **Non Directional O/c & E/f Relay** :- As per tender specification the Non Directional O/c & E/f relay should have **have atleast 8 no of trip output contacts and 16 no of opto input terminals.**

The other specifications shall be as per clause 5(b), page 64 of tender specification.

All other terms & conditions of tender TR-20/S&P/56 will remain unchanged.

Thanking you,

Yours faithfully,


Executive Director (Store & Purchase)
CSPTCL : Raipur

Copy to:-

1. The Executive Director (EITC), CSPDCL, Raipur.
- It is requested to please arrange publication of NIT in the web site of CSPTCL.