

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

Date: 05/06/2024

संदर्भ/Ref: CC-ENGG-TB202362-1002341-T23411-6121662-FDN DA+0 DRY

From: Md Anisur Rahman

DGM

M/S LARSEN And TOUBRO LIMITED D, MANAPAKKAM, CHENNAI 600089 ECC DIVISION, MOUNT POONAMALLEE

Chennai-600089, Tamil Nadu

Cc: CGM PROJECTS, SR-II

Subject: Transmission line package TL02 for Koppal II PS - Narendra(New) 765 kV D/C line Part-II associated

with "Transmission Scheme for integration of Renewable Energy Zone (Phase-II) in Koppal-II (Phase-A)'

through tariff based competitive bidding route.

LOA Ref: CC/T/W-TW/DOM/A02/23/02840/NOA-1/24-103428/01 Dated 12/03/2024

Please find enclosed following drawings/ documents for necessary action at your end.

Vendor Dra. No.: 023032-T-TL-0D-DC-1001

Orgn. Drg. No. : TB202362-1002341-T23411-6121662-FDN DA+0 DRY

Revision No. 00

Drg. Title Foundation design document and drawing for 765kV D/C tower Type

'DA-3m to +0m' BE (Hexa AL59 Zebra)-WZ-1 - Dry Soil

App. Category CAT-I

Release Date 05/06/2024

Comments Casting of Foundations before successful proto-type testing of tower shall be at the complete

risk & cost of Contractor.

अनुमोदित श्रेणी/App. Category:

١. फेब्रिकेशन/निर्माण/टाइप टेस्टिंग हेतु जारी।

Approved/released for fabrication/construction.

Approved/released for fabrication/ construction subject to incorporation of comments and modification as noted. Revised

फेब्रिकेशन/निर्माण/टाइप टेस्टिंग हेत् अनुमोदित/जारी बशर्ते दिए गए टिप्पणियाँ एवं आशोधनों की सम्मिलित किया जाये। कृपया रिवाइजड दस्तावेज अनुमोदनार्थ प्रस्तुत

drawing required for approval.

III. टिप्पणियाँ सम्मिलित करने के उपरांत दस्तावेज को अनुमोदनार्थ प्रस्तुत करें।

To be resubmitted for approval after incorporating the comments.

IV. सूचनार्थ एवं रिकार्ड हेतु।

For information and record.

CATREL/ निर्माण हेतु जारी।

REL-CON Released for construction.

नोट/Note:

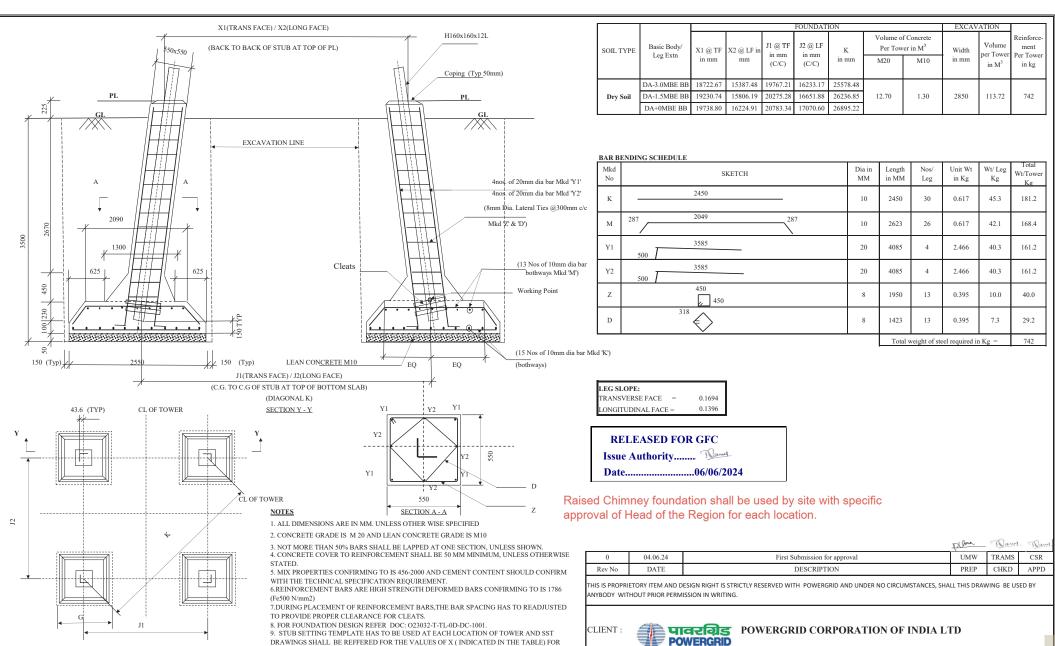
II.

1. Approval/Comments conveyed herein neither relieve the contractor of his contractual obligations and his responsibilities, weights,

quantities, design details assemble fits, performance particulars and conformity of the supplies with the Indian Statutory Laws as

may be applicable, nor does it limits the purchaser's right under the contract.

2. The approval conveyed vide this letter does not cover the approval of make for sub-vendor items.



CONTRACTOR

TITLE:

10. FOR SPLICING, LAP LENGTH TO BE PROVIDED IS 57d, d= DIA OF LARGER BAR.

13. AT SITE PROPER COMPACTION OF THE BACKFILLED EARTH MUST BE DONE.

15. FOR STUB AND CLEAT DETAILS REFER APPROVED DRAWING OF STUB AND STUB DEPTH

BELOW GROUND LEVEL IS 3300mm AND CLEAR COVER TO STUB IS 150MM OVER THE LEAN

16. THIS DRAWING IS ONLY APPLICABLE FOR TOWER WITH EQUAL BODY/ LEG EXTENSIONS.

17. ALL HOOKS, BENDS, LAPS & SPLICES SHALL BE AS PER IS 456:2000 AND IS 2502, EXCEPT

11. NO FOUNDATION SHALL REST ON FILLED UP SOIL.

STATED OTHERWISE

14. FOUNDATION DESIGN HAS BEEN DONE AS PER IS456-2000

Sensitivity: LNT Construction Internal Use

FOUNDATION DESIGN PARAMETERS:

TYPE OF SOIL: Dry Soil(3.5m Depth)

LIMIT BEARING CAPACITY: 21870 kg/m2

UNIT WEIGHT: 1440 kg/m3

ANGLE OF REPOSE: 30 Deg

WATER TABLE: > 3.5 m from GL

PLAN DETAILS OF FOUNDATION

क्षीण अनिस्तुर यहमा

DATE

04 06 24

04.06.24

04.06.24

04.06.24

REV.

IMW

Document No

O23032-T-TL-0D-DC-1001

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DSND

SCALE

L&T CONSTRUCTION

POWER TRANSMISSION AND DISTRIBUTION IC

Transmission Line Package TL02: Koppal-II PS - Narendra (New) 765 kV D/c line- Part-II

(TBCB) route;

Spec. No.: CC/T/W-TW/DOM/A02/23/02840/ 5006004459

Foundation design document and drawing for 765kV D/C tower Suspension Type

DA (0°-2°) "-3m to +0m" BE (Hexa AL59 Zebra)-WZ-1- Dry Soil

PROJECT: in Koppal-II (Phase-A) and Gadag-II (Phase-A)" through tariff based competitive bidding

associated with "Transmission Scheme for integration of Renewable Energy Zone (Phase-II) CHKD