

TPCODL

OFFICE OF THE EXECUTIVE ENGINEER (ELECT.)
KHORDHA ELECTRICAL DIVISION: KHORDHA

No.-TPCODL/KED/Tech./
To

10195

Date 20/12/2021

M/S Bivab Developer Pvt, Ltd.
C/O- Pradip Kumar Mohanty,
At/ Po- Madanpur,
Khata No.- 300/1595, Plot No- 93/1417
,Mouza- Madanpur, Dist- Khordha.

Sub: - Permission for construction of 11KV line with installation 25KVA 11.4 KV Pole mounted S/S towards power supply to 10 KW load at 11KV end for Construction Purpose of M/S Bivab Developer Pvt, Ltd, C/O- Pradip Kumar Mohanty, At/ Po- Madanpur, Khata No.- 300/1595, Plot No- 93/1417, Mouza- Madanpur, Dist- Khordha, under Electrical Section Janla, on GPS Tariff, under Deposit Work (on 6% Supervision charges).

Ref:- Approved Letter No-805, Dt-13.04.2021 of Circle Head Electrical Circle No.II, TPCODL, BBSR.

Sir,

With reference to the subject cited above, the permission is hereby accorded for construction of 11KV line with installation 25KVA 11.4 KV Pole mounted S/S towards power supply to 10 KW load at 11KV end for Construction Purpose of M/S Bivab Developer Pvt, Ltd, C/O- Pradip Kumar Mohanty, At/ Po- Madanpur, Khata No.- 300/1595, Plot No- 93/1417, Mouza- Madanpur, Dist- Khordha, under Electrical Section Janla, on GPS Tariff, under Deposit Work (on 6% Supervision charges) for execution of following works as per terms & condition mention below.

Details of Work

Sl. No.	Name of the Work	Scope of Work	Sanction Est. No.	Amount (Rs.)	Remarks
1	Power supply 10 KW load at 11KV end for Construction Purpose of M/S Bivab Developer Pvt, Ltd, C/O- Pradip Kumar Mohanty, At/ Po- Madanpur, Khata No.- 300/1595, Plot No- 93/1417, Mouza- Madanpur, Dist- Khordha, under Electrical Section Janla,	1. Construction of 11KV line 3Φ 3w using 10mtr long 150x150mm R.S. Joist pole with 55mm2 Insulated Conductor - 0.5Km (1No. Span).	SE.II./ KED/ DEP (6%)/ 04/ 2021-22	Rs.3,79,230.00(G) 1) Supervision Charges(6%) = Rs.21,466.00, 2) GST (18%) on 6% = Rs.3864.00& 3) Processing Fee= Rs.236.00. 4) Security Deposit= Rs.32860.00	1. Sl. No. 1in the scope of works is to be executed by party & maintained by TPCODL under deposit work on 6% Supervision Charges.

Terms & condition:-

- You have to deposit Rs. 21,466.00 (6%) , Rs. 3,864.00 (18% GST) & Rs.236.00 (Processing Fees) with GST towards Rs. 32860.00 (Security Deposit) amount as per the estimate (Estimate No.- 2021-22/S/034/ _____) sanctioned & approved by Dy General Manager (Elect.) KED, Khurda. (Copy of the estimate is enclosed for reference).
- You are requested to please deposit the 6% supervision charges, 18% GST on 6% Supervision Charges, Charges & security amount in shape of Bank Draft to drawn in favour of "TPCODL, KED, KHURDA" payable at Khurda. Further you are requested to deposit the GSTN certificate to this office at the time of deposit of GST amount.
- The Electrical Contractors chosen by you should have the valid license from Electrical Inspector and also have empanelment with TPCODL and submit the same before charging. This empanelment is to ensure that they are given the TPCODL Technical specifications, technical standards, Quality Assurance Plans, standard drawings to be followed safety measures to be followed and the quality procedure to be followed.
- All major materials (as per estimate) must be in compliance to TPCODL technical specification and drawings. Applicant to ensure that the material mentioned in the estimate must be procured from the TPCODL approved makes / vendor list.
- Further the material so procured must have valid Type test report from CPRI / ERDA not exceeding 5years from the date of permission for major materials like XLPE Cable, AB Cable, DT, RMU, Breaker, AB Switch, LT DB, and valid test certificate from NABL accredited Laboratory for other materials.
- The Routine Test Certificates for the equipment / materials used in the project shall be submitted to the Engineer-In-Charge for approval.

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7. In Case any deviation from Technical booklet, the customer / BA has to take the approval from Engineering dept. of TPCODL (team.engineering@tpcentralodisha.com) with proper technical justification regarding such deviation, before the procurement of materials.
8. The materials used for construction purpose should confirm to REC/ISI specification. After procurement of materials to be used for construction of 11KV line and installation of Sub-station you have to send a request letter to the S.D.O.(Elect.) Khordha with the Xerox copy of the cash memo with "Test Certificate" & "Type Test" report of materials for verification and approval of the same.
9. Prior to taking of work, the S.D.O (Elect.) Jatni and D.M. (Elect.) Janla are to be intimated for route alignment work.
10. The 25KVA 11/4 KV distribution transformer to be tested by the E&MR division in presence of one engineer from this division & certify that, the transformer is designed as star-1 of table-2 as per standards & labeling (S & L) in order to realize the benefits of energy efficiency (The loss at 50% loading & 100% loading are 190W & 635W respectively) as per letter No-5958 dt-16.03.2017 of CGM (Tech) TPCODL, BBSR which should be arranged by you.
The table-1 & 2 for up-gradation of energy efficiency is reflected here with for your reference.

Table-1: Valid till 30th June, 2017.

Rating	Star 1		Star 2		Star 3		Star 4		Star 5	
Transformer Capacity (KVA)	Max Losses at 50 per cent (Watts)	Max Losses at 100 per cent (Watts)	Max Losses at 50 per cent (Watts)	Max Losses at 100 per cent (Watts)	Max Losses at 50 per cent (Watts)	Max Losses at 100 per cent (Watts)	Max Losses at 50 per cent (Watts)	Max Losses at 100 per cent (Watts)	Max Losses at 50 per cent (Watts)	Max Losses at 100 per cent (Watts)
25	290	785	235	740	210	695	190	635	175	595

Table-2: Valid from 1st July, 2017

Rating	1 Star		2 Star		3 Star		4 Star		5 Star	
Rating (KVA)	50 Per cent, Load	100 Per cent, Load	50 Per cent, Load	100 Per cent, Load	50 Per cent, Load	100 Per cent, Load	50 Per cent, Load	100 Per cent, Load	50 Per cent, Load	100 Per cent, Load
25	190	635	175	595	158	541	142	493	128	448

11. You are requested to intimate the TPCODL Engineers (E.E, E & MR Division, At- TLC Colony, Khordha) to test the transformer at factory site before installation at your premises, otherwise the power supply cannot be effected and test report must be submitted before charging. The transformer will be fitted with LT cable end box which will be sealed by TPCODL MRT after charging.
12. You have to provide right of way for construction of 11KV line and installation of Sub-station as per the provision of the rule – 8 of OERC Distribution (Conditions of supply) Code-2004.
13. The power supply shall be effected on 11KV end with LT Metering arrangement. And transformer loss must be added while computing the energy bill.
14. You are requested to clear up all the arrear dues if any outstanding on the said plot before execution of agreement.
15. If there is a dispute on the land or any other statutory permission on which power supply is given, TPCODL reserve the right to disconnect the power supply observing TPCODL norm.
16. Any dispute / legal complicacy arising out of damage / accident owing to construction of 11KV line and installation of Sub-station has to be settled at the responsibility & cost of party.
17. You have to ensure that the work execution must abide CEA (Measures relating to safety and Electric Supply) Regulations 2010 with amendments released time to time.
18. All electrical safety aspects are to be ensured by your contractor for construction of 11KV line and installation of Sub-station.
19. The guarding must be provided against the existing 33KV line / 11KV line / L.T. line / Telephone line / Road, if any keeping allowable clearance.
20. Anti climbing device is to be provided in the line & Sub-station.
21. The 11KV line and other equipments after due inspection by Executive Engineer-cum-Dy. Electrical Inspector, Khordha and testing etc. as required shall be taken over by our site Engineer, item wise from the consumer, specifically with due certification by concerned S.D.O. that
(a) No TPCODL materials have been used in the said construction work.
(b) The completed works confirm to approved specification standard sanctioned estimate and other conditions spelt out in this letter.
22. You are requested to execute the agreement with the undersigned on any working day within a month from the date of issue of this letter failing which this permission will be cancelled automatically by its own virtue.
23. You are requested to arrange for inspection of the 25KVA, 11/4 KV S/S, 11KV line with the other accessories and internal installation by the Executive Engineer-cum-Dy. Electrical Inspector, Khordha, Govt. of Odisha, BBSR at your own arrangement after depositing necessary fees and submit the inspection report before charging the installation.

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24. The Sub-station shall be provided with 5Nos. of earthing, spreading of metal and sand, boundary wall with fixing of MS grill gate etc. having locking arrangement within your premises.
25. The proposed sub-station / metering location are to be surrounded by proper fencing &metalling.
26. There should be direct approaching road to the Sub-station & metering point as shown in the diagram.
27. A Standard double door TP box to be arranged for metering installation.
28. You have to install the suitable capacitor bank of desired rating as per Relevant Indian Standard to improve power factor.
29. On the event of detection of any wrong / unauthentic documents and facts relating to this work, the accorded permission shall be cancelled forthwith by this Office.
30. Any other modification / alternation for the above estimate will be intimated later and the differential amount will be paid by you.
31. For any dispute arising out of land record in respect of right, title, interest after this approval, the permission shall be treated automatically cancelled during the period of dispute.
32. **You are not allowed to handing over the S/S if you have not produced the materials from the TPCODL vender list. The vender list is attached herewith for your reference.**
33. You are requested to produce the following documents before agreement.
 - a. Ownership of the land where your Construction is to be functioned.
 - b. Your signature duly attested by the concerned S.D.O. (Elect.).
 - c. Cash memo in support of Purchase of transformer and other accessories and transformer with other materials test report tested by TPCODL Engineer.
 - d. Passport size photograph.
 - e. Voter Identity card and Pan Card.
 - f. Permission from competent authority for running of your Construction.
 - g. N.O.C. from local authority.
 - h. Energy charges clearance certificate from concern J.M.(Elect.) of the Said plot.Any other conditions you have to comply will be intimated to you in due course.

Encl:-As above.

Yours faithfully,

No 10196 //Date 20.12.2021

Copy submitted to the Superintending Engineer (Elect.) Electrical Circle No-II,TPCODL, BBSR for favour of kind information and necessary action.

Dy. General Manager (Elect.)
K.E.D. Khordha.

No 10197 //Date 20.12.2021

Copy to S.D.O.(Elect.) Jatni / D.M.(Elect.) Janla for information and necessary action. They are requested for day to day supervision of works and also submit the completion certificate after completion of the construction work.

Dy. General Manager (Elect.)

No 10198 //Date 20.12.2021

Copy to D.M.F. (Revenue) of this Division for information and necessary action.

Dy. General Manager (Elect.)

No 10199 //Date 20.12.2021

Copy to Executive Engineer (Elect.) MRT, Division, TPCODL, At- TLC Road, Khordha for information and necessary action.

Dy. General Manager (Elect.)

No 10200 //Date 20.12.2021

Copy to Executive Engineer (Elect.) E & MR, Division, TPCODL, At- TLC Road, Khordha for information and necessary action.

Dy. General Manager (Elect.)

Dy. General Manager (Elect.)