

**GOVERNMENT OF KARNATAKA
(Electrical Inspectorate)**

No. EI (BS)/DEI (BS-2)/AEI /TCD- /2195 /2014-15

Deputy Electrical Inspector
Bangalore South -2
Office of the Electrical Inspector
Bangalore South, No: 84, 1st floor, R.V.
Road, Opp. Teachers college Bus Stop,
Basavanagudi, Bangalore - 560 004.

To,
M/s Excel Dwelling India
Pvt Ltd. Sy.No.92, Gudigantnahalli (V)
Sarjapur, Bangalore.
Sir,

Date: 25 JUN 2014

Sub: Approval of drawings pertaining to electrical installation of 1X100 KVA (Temporary), 11KV/433V L.T. Transformer/s Sub-Station at the above said premises.

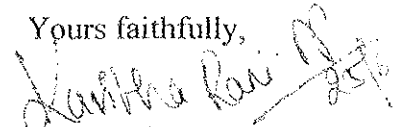
Ref: Yr.Lr.No: Nil Dated: 25-06-2014.

* * * * *

Please find herein enclosed the drawings in duplicate referred to the above duly approved after effecting necessary corrections and with observations noted in **RED INK**. You may take up the work through a Class-I Licenced Electrical Contractor as per the approved drawings and after completing the works contact the **Undersigned**, with the following particulars to arrange for inspection.

1. Manufacturers Test Reports of Transformer / HT / LT breakers etc.
2. Completion report of Licenced Electrical Contractor for having completed the works as per the approved drawings along with the following details.
 - a) Description of the motor/equipments, indicating serial numbers.
 - b) Rating in HT/KW/
 - c) Feeder details
 - d) Voltage Rating, insulation test results of the equipments and
 - e) Earth Test Results.
3. The completion report should be signed by the Licenced Electrical Contractor and the Electrical supervisor along with valid licence number and date.
4. Oil Test Results of Transformer / oil circuit breaker.
5. Insulation test results of Transformer / Generator OCB's cable and other connected equipments.
6. Calibration certificates in original of protective devices, CTs, PTs, Energy meters etc., as calibrated by the relay testing and meter test division of KPTCL and other approved agencies.
7. Earth test results of all the earth electrodes disconnecting all the earth leads from them.
8. A List of authorized persons qualified to operate and maintain at the sub-station/ at the works (list shall be signed by both the employees and employer with permit number and validity date).
9. Drawing scrutiny fee of **Rs 500-00** paid vide Rt. No: 541386 dated 25-06-2014 at this office.
10. Challan/Receipt for having paid **Rs 4100-00** towards inspection charges under the following Budget Head Non-Plan 0043-00-102-02 other taxes and duties on Electricity under IE Rules, 1956.

Yours faithfully,


DEPUTY ELECTRICAL INSPECTOR,

Bangalore South-2

GOVERNMENT OF KARNATAKA

(Electrical Inspectorate)

No. EI/(BS)/DEI/(BS-2)/AEI/DTC- 2275-77 /2014-15

Office of the
Electrical Inspector, Bangalore South,
No: 84, 1st floor, R.V. Road,
Opp. R.V Teachers college Bus Stop,
Basavanagudi, Bangalore - 560 004.

To:

M/s Excel Dwelling India Pvt Ltd,
Sy No. 92 Gudigantnahalli (v),
Sarjapura Bangalore.

Date:

30 JUN 2014

Sir,

Sub: Approval to commission the electrical installation of **Temporary** 1x100 KVA self-execution Transformer installed at M/s Excel Dwelling India Pvt Ltd, Sy No.92, Gudigantnahalli (v) Sarjapura Bangalore.-Reg.

Ref: 1. Drawing approval letter No:-EI(BS)/DEI(BS-2)/AEI/TCD/2195/14-15 Dt: 25-06-2014
2. Letter No: NIL Dt: 28-06-2014 Submitting Work Completion Report from the consumer.

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Approval as required under Rule No: 47A of Indian Electricity Rules, 1956 is hereby accorded to commission the electrical installation of **Temporary** 1x100 KVA self-execution Transformer installed at M/s Excel Dwelling India Pvt Ltd, Sy No.92, Gudigantnahalli (v) Sarjapura Bangalore as the same is found to be in general conformity with Indian Electricity Rules, 1956.

DETAILS OF EQUIPMENTS:

1) H.T Switchgear	200Amps S/B GOS with HG Fuse unit.
2) HT Conductor	Rabbit ACSR Conductor-375 Mtr's
3) Transformer	Make: Vijaya Electric Co. Capacity: 1x100 KVA, 11Kv/433 Volts, 5.25amps/133.34 Amps. Sl. No: VEC/100/C008-06.
4) LT Cable	1Rx3.5Cx70 sq. mm. Al. Armored LT UG Cable-10mtrs.
5) L.T Switchgear	Make: Havells, Type: MCCB, Capacity: 100 Amps, Sl. No.: NIL.

Subject to the conditions cited below

1. 30mA sensitivity ELCB shall be provided for all the individual circuits.
2. A separate approval shall be obtained for the D.G set/ Lift from this department.
3. Any conditions or alternatives in the existing system shall be got approved from this office.

Further, the inspection fees of Rs 4100/- paid vide Rt. No: 541386 Dt. 25-06-2014 at this office is hereby acknowledged.

Note: This approval is valid for six months only from the date of approval.

DEPUTY ELECTRICAL INSPECTOR

Deputy Electrical Inspector,
Bangalore South - 2
Bangalore

Copy to:

1. Electrical Inspector, Bangalore South for kind information.
2. The Assistant Executive Engineer (Elec), (C O&M), BESCOM Attibele-Sub Division, Bangalore.
3. M.F & O.C.



BANGALORE ELECTRICITY SUPPLY COMPANY LIMITED

(Wholly owned by Government of Karnataka Undertaking)

Telephone No. 080-22342121, Fax No.080-22342128,

E-Mail gms.work@gmail.com

No: BESCOM/GM(QS&S)DGM-3/BC-11/F-852/2014-15/CYS-26

Encl:

O/o GM(QS&S) Office
Corporate Office, K.R. Circle
Bangalore-560 001
Date: 27-5-14

OFFICIAL MEMORANDUM

Sub : Vendor approval for M/s Vijay Electric Co., Bangalore for supply of 25kVA 63kVA & 100kVA BEE 3 Star rated Distribution Transformers.

Ref : CPRI/I & P/ 6/1/BESCOM/ 2014 dated 19.05.2014.

Approval is hereby accorded to M/s Vijay Electric Co., No. 22-26, 12th Cross, Vyshnavi Nagar, Babasabpalya, Kengeri, Bangalore-560060 as approved vendor for supply of the following capacity BEE 3 Star Rated 25kVA, 63kVA and 100kVA Distribution Transformers to prospective consumers in BESCOM area for Electrification of layouts, M.S. Buildings, Action plan works, Total Turnkey works / Partial Turnkey works, Self Exeuction works etc.,

Sl. No.	Particulars	Period of validity upto
1.	25kVA BEE 3 Star Rated Distribution Transformers, 50Hz, ONAN Cooled, complete with first filling EHV Grade Transformer Oil with all accessories and confirming to latest versions of IS - 1180 & IS - 2026.	31.01.2019. (Subject to revalidation every year)
2.	63kVA BEE 3 Star Rated Distribution Transformers, 50Hz, ONAN Cooled, complete with first filling EHV Grade Transformer Oil with all accessories and confirming to latest versions of IS - 1180 & IS - 2026	
3.	100kVA BEE 3 Star Rated Distribution Transformers, 50Hz, ONAN Cooled, complete with first filling EHV Grade Transformer Oil with all accessories and confirming to latest versions of IS - 1180 & IS - 2026	

The approval is subject to the following conditions:-

1. The prospective consumers who purchase the BEE 3 Star Rated 25kVA, 63kVA and 100kVA Distribution Transformers shall stand guarantee for the materials for a period of one year from the date of commissioning.
2. The materials shall confirm to the specification as prescribed in the relevant IS/IEC/BESCOM & its amendment from time to time.
3. The BEE 3 Star Rated 25kVA, 63kVA and 100kVA Distribution Transformers and shall be got inspected by (QS&S) or the concerned jurisdictional Engineers, BESCOM before they are put into service.
4. BESCOM reserves the right to withdraw the approval issued, in case of any violation of the approved drawing and specification at any time.

Approved by Director (Technical)

(N. Mohan Kalluraya)
General Manager (El.),
Q,S&S BESCOM.

Copy to-

1. All the Chief Engineers (Electy.) C,O&M ZONES, BESCOM.
2. The Chief General Manager (Operations)/CA, Corporate Office, BESCOM, Bangalore
3. The General Managers (Ele.) Procurement / Projects & DAS, BESCOM.
4. All Executive Engineers (Ele.) C,O&M Divisions, BESCOM.
5. All Assistant Executive Engineers (El.) C, O&M sub-divisions, BESCOM.
6. PS to D(T) to place it before Hon'ble D(T), BESCOM, Bangalore.
7. M/s Vijay Electric Co., No. 22-26, 12th Cross, Vyshnavi Nagar, Babasabpalya, Kengeri, Bangalore-60
8. Office copy / M.F

Bescom

Estimate No. Am/06m/53p 29 dated 12/5/14 Estimate for Temporary power supply to an extent of 25 KW HP/KW Construction purpose for a period of 56 days VIVEKANANDA EXEL DWELLING under PVI LTD

Sl. No.	Particulars	Unit	Qty.	Single Phase	Three Phase
1.	S/ph, 3 Meter			1,010-00	4,900-00
2.	P & B cutout etc., (3% on above)			50-00	147-00
3.	Cost of the labour			50-00	100-00
4.	Employees cost at 20% (item No. 1&2)			208-00	1,009-00
5.	Transportation charges			25-00	25-00
6.	Misc. Materials			12-00	10-00
7.	Contingencies at 5% on item 1 & 3			65-00	309-00
8.	Total cost of all estimate			1,400-00	6,500-00
9.	Service charges at 20% on item No.8			140-00	1,300-00
10.	Cost of the returnable materials credit			1,010-00	4,900-00
11.	Net cost of the estimate			390-00	1,600-00

CERTIFICATE

Certified that I, have inspected the spot personally and prepared the estimate as per the current schedule of rates for most economical and safe way execution of work.

Report : The transformer : for power to be used KVA at 25 KVA
can take up this additional load for power to be used

ASSISTANT ENGINEER (E.P.)
Section Officer
SABARJAMMUBINIT
Bescom
BESCOM

SUB-DIVISION OFFICE USE

- Sanction Load 025 KW HP —
- Period 56 days days.
- Deposit held Rs. Acc 162500/- vide Receipt No. 00M0000075 Dt. 06-06-14
80. 60200/-
- W.O. No. (to draw materials : 22.731/ 001A0000076 Dt. 06-06-14
- W.O. No. (returnable materials) 74.641/390 —11— Dt. 01-07-14
- Sanction of Rs. 390/- or 400/- —