

PREAMBLE TO BILL OF QUANTITIES

General:-

This contract is intended to ensure proper maintenance/ renovation / modification/ new installation works by the agency in order to ensure desired performance of the Electrical installations of Sector-1 to 5 areas in the following Table-1

The payments would be based on the quantities of BOQ items executed either as per Job Orders as per Annexure-A or as per the Schedules for periodic activities or Schedules given from time to time for reversioning of Sub-stations, Kiosks etc.,

Table-1

Sub-stations	
Kiosks / Panels	
SLDBs	
Electrical panels	
Street lights	Single out reach Poles (SORs)
	Double out reach Poles (DORs)
	Semi High Mast Poles (SHMs)
	Pole Top Lanterns (PTLs)
	Flood light Poles
Underground LT Cables	
RCCBs	
Fans & motors	Ceiling fans
	Exhaust fans, Wall Mounted / Pedestal Fans
	Pump motors
Energy meters	
Maintenance and renovation works in	Public buildings
	Residential units
Painting & Repairs of	Street light poles
	Kiosks & Electrical panels

The area of work is given in the following Table-2 for Zone – 1

Table-2:

All Residential & Public Buildings, Sub-Stations, Kiosks, Street Lights in Sectors 1 to 5 in township area – namely

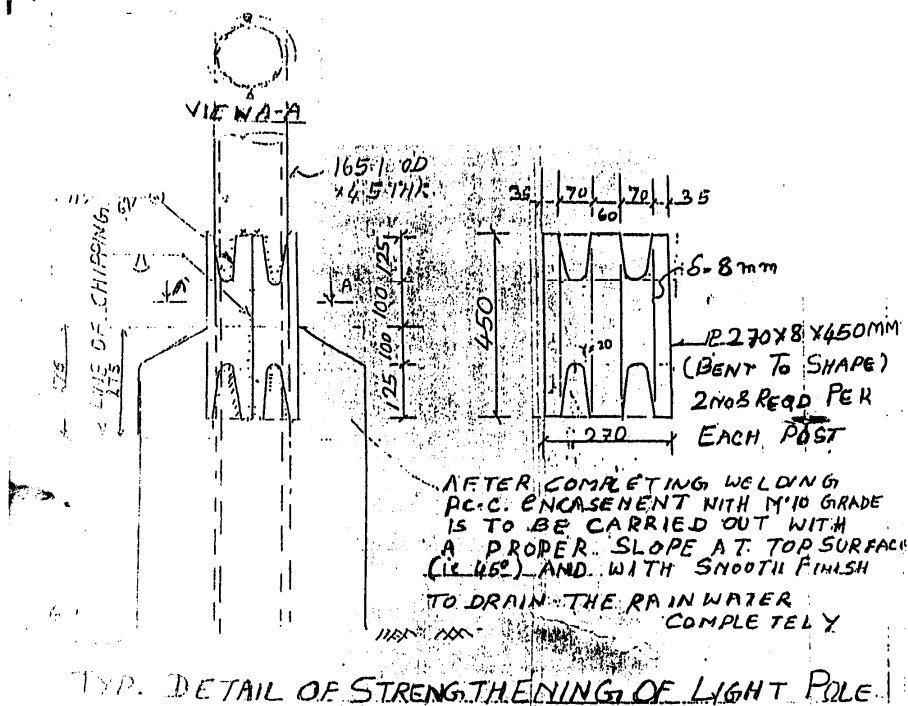
HTGH
Township Construction Office, Home guards hostel, Trainee Hostels-1, 2 & 3
Steel Club, Agro-forestry office, Co-operative Society, Thirft Society
SEA Building
Ukku Club, Ukku House, HRD Centre
Old Health centre Building
CWC-1 & Tri-weekly market at Sector-5
TA Building
Civil, Electrical and Water Supply maintenance booths, SR-1
Central School, Jyothi Bala Vihar at Sector-2 & 5, DAV School, Arunodaya School
Parks in Sec-1 to 5, Nehru, Swarnajayanthi, Ekalavya, Babu Jagjeevanram Parks etc...
Power Supply to : Commercial buildings / installations / shopping complexes etc. like banks , ATMs, Tele-communication Towers, Petrol bunks, Schools, Colleges, Temples, etc.,
Any other premises under the above area etc.

Note : In case of exigency, the contractor has to execute works in any other areas also apart from areas mentioned in the contract under the jurisdiction of Electrical Maintenance Section of Town Administration department or within VSP's premises at Visakhapatnam, at the discretion of Engineer-in-charge or his Representative.

1. Preferred Makes

SNo.	Item	Preferred make
1	Switch fuse units	Versatrip, BCH, L&T, EE, Standard, Siemens, HPL
2	Paint	Asian paints, Berger paint, Nerolac paint, ICI paint, Shalimar, Jenson & Nicholson
3	PVC insulated Cu/ Al flexible cables	Finolex, Havells, L&T, Vimal, Goldmedal, Polycab, RR Cables as per IS-694.
4	Casing & capping	Hold fast or any other reputed make
5	Switch, socket, ceiling rose	Anchor, Cona, Leader, Million, Vimal, Goldmedal
6	Cable lugs	Klipon, Dowell
7	Bulkhead light fitting	Bajaj, GEC, Wipro, Glolite, GE, Havells, Vimal, Crompton
8	Ammeter/ Volt meter	IEP, IMP, MECO, SIMCO
9	Ceiling rose	Vimal, Leader, Goldmedal
10	ELCBs	GE/ Legrand/Anchor/Indogrip/CS/Altech/Crompton Greaves
11	Enamel insulated copper wire	Atlas, Zenith, Apple, HTP, Gowtam
12	Bearings	SKF, NBC, FAG, TATA
13	Capacitors	Keil, Priya, Siemens, Concap, Hunts, Control Electronics Pvt Ltd., & Tipcon
14	Regulators	USHA/ ORIENT/ CROMPTON GREAVES/ OREVA/GANGA/KHAITAN/ POLAR/ GEC/ BAJAJ or equivalent
15	CFL lamps	Philips/ Osram/ Crompton Greaves, Havells, Wipro, Bajaj
16	Compto Lux lamp	Philips/ Bajaj/ Crompton Greaves
17	CFL choke	Philips/ Osram/ Crompton Greaves, Havells, Wipro, Bajaj
18	GI Pipe	Tata, Zindal.
19	Electrical cleaning agent	OKS 2621, CRC 2-26, Orion.

2. Drawing-1 (For Strengthening of Poles)



TYP. DETAIL OF STRENGTHENING OF LIGHT POLE

16.2.98
PRAMAKRISHNA
A.S (P.S.)/DLE
DEC 16/05

From
28/11/05

3. JOB ORDER Proforma:

JOB ORDER

To

Job Order No:
Date of issue:
Target date for completion
Actual date of completion

(Name of the agency)

:

Sub:- Name of the work/LOI no.

Ref:- LOI No.

Please execute the following BOQ items as per specifications:

Sl.No.	BOQ Item	Location	Quantity ordered	Quantity executed
1				
2				
3				
4				

Received job order

Job order issued by

Sign. of contractor/Rep.

Signature of Chargeman

Sign. Of Executive

Work of this job order completed satisfactorily.

Sign. of contractor/Rep.
Signature of Chargeman

Sign. Of Executive