



UTTAR GUJARAT VIJ COMPANY LIMITED



CIN – U40102GJ2003SGC042906,GST No.-24AAACU6551F1Z1

**TENDER NOTICE No:-UGVCL/PROJECT/GPRD/CPC/LoRa WAN/079  
SCHEDULE - B**

**Turnkey Based Contract for Supply, Installation, Testing and Commissioning of “Pilot research project for Development, Installation, Commissioning, Testing and Maintenance of communication of existing DLMS static meters by implementing a retro-fit kind of cost effective, reliable and Lo-power RF technology called LoRa on the Agri. Consumers for 3 Sub-Divisions under UGVCL, MGVCL and DGVCL in Gujarat State”.**

Sr. No.	Detail System Requirement	Unit	Unit Rate in Rs	Supply Qty.	Amount in Rs
<b>Part-A (Node/Slave devices to be retrofitted with Each meter)</b>					
1	Supply of Node end device for Ag Consumers with antenna wherever required)	No	2000	3600	7200000.00
2	Installation and commissioning of node end LoRa WAN modem	No	200	3600	720000.00
<b>Part-B (DCU/Master devices to be centrally placed in the range of 25 km2)</b>					
1	Nos of DCU ( LoRa Gateway) required @ 1 no per 10 Sq. Km area	No	21000	56	1176000.00
2	Hi-Gain Glass fiber Antenna of Minimum 10dBi	No	4000	56	224000.00
3	100 w Solar panel	No	4000	56	224000.00
4	Solar Charge Controller (20Amp.).	No	2500	56	140000.00
5	Li-Ion Battery for power up Gateway (40Ah Li-Ion)	No	4200	56	235200.00
6	DCU installation and commissioning charge on PSC Pole	No	1150	56	64400.00
7	1-Ph SMC box	No	220	56	12320.00
8	Internet Connection For Gateways	No	36 month X 30 per month cost	56	60480.00
<b>Part-C (One time developmet charge for Web Portal and Mobile App)</b>					
1	Development of web portal and mobile app	No	500000	1	500000.00
<b>Total</b>					<b>10556400.00</b>
<b>CMC for 3 Years (@ 10%)</b>					<b>1055640.00</b>
<b>Grand Total</b>					<b>11612040.00</b>

**NOTE: The total quantity required for the project for each item in the above table is for selected subdivisions of UGVCL, DGVCL and MGVCL. The quantity is taken as per present stastics and considering future expansion upto the completion of project upto CMC period. The contractor has to quote the price in % up/down on overall estimated project cost (C) and the applicabe GST shall be considered. The final cost of each item will be considered on the basis of quoted %up/down value at the time of billing. If any quantity deviation shall be applicable, than the % up/down rate shall be applied equally on the quoted price.**

Addl. Chief Engineer (P&Re)  
R&C Office, UGVCL, Mehsana

Signature of Tenderer  
Place:

Company's Round Seal  
Signature of Tenderer

Date: