

**PASCHIM GUJARAT VIJ COMPANY LTD**

**SCHEDULE-B-PRICE BID**

**TENDER NO:- PGVCL/DSM/Ag.Solarization/03 Dt 22-09-2017**

**Bidders are requested to submit price – bid (Schedule – B) in 'on-line' (e-tendering form) only and not to submit the price bid in physical form**

**Supply, Installation, Testing and Commissioning of Distributed Grid connected Solar PV plants of 5KW to 10 KW with a cumulative capacity up to 2.5 MW, with its Remote Metering System, for Solarization of existing 296 no. of Agriculture pump sets Connections, with CMC of 5 years, on 11 KV Khirasara Ag. & 11 KV Kadabal Ag. feeders of Jamjodhpur Division under Jamnagar Circle of PGVCL**

Sr. No.	Description	Qty. in nos.	Unit cost including Freight & Packing, insurance and including all as per specification in Rs per unit (Without GST) (Rs.)	Applicable percentage of GST (%) per unit	GST Rate Per Unit Rs.	Unit End Cost with GST (in Rs.)	Total End Cost with GST (in Rs).
1	2	3	4	5	6=(4 x 5)	7=(4 +6)	8=( 3 x 7)
<b>PART-A Solarization Part</b>	<b>Supply, Installation, Testing and Commissioning of Distributed Grid connected Solar PV plants with SPV Modules, grid tie Inverter, Modulemounting structures, wire, cables, switches, protections, earthing, etc with Insurance and CMC of 5 years as per specification , scope of work and requirement and terms and condition mentioned in the tender having following capacity</b>						
1	5 KWp for each Pump sets of 5 Hp	63					
2	6 KWp for each Pump sets of 6 Hp	1					
3	6.5 KWp for each Pump sets of 6.5Hp	2					
4	7 KWp for each Pump sets of 7Hp	1					
5	7.5 KWp for each Pump sets of 7.5Hp	83					
6	10 KWp for each Pump sets of 10Hp and above	146					
	<b>Sub-Total end cost under of Solarization Part-A</b>	<b>296</b>					
<b>PART-B- (RMS)</b>	<b>Supply, Installation, Testing and Commissioning of Remote Metering System(RMS) with CMC of 5 years as per Scope of work, Project requirements and Technical specifications mentioned in tender having following components</b>						
1	Uni-directional- 1-PH Meter-(5-30)A (DLMS, with RS 232, Consumer meter ) as per attached specification	23					

2	Uni-directional-LT-3PH-Whole current Meter (10-60)A (DLMS, with RS 232, Consumer meter ) as per attached specification	301					
3	Bi-directional-LT-3PH-Whole current Meter (10-60)A (DLMS, with RS 232, Consumer meter ) as per attached specification	301					
4	Bi-directional-LT-3PH-CT operated Meter (100/5)A (DLMS, with RS 232, DTR-Audit meter ) as per attached specification	12					
5	Bi-directional-LT-3PH-CT operated Meter (200/5)A (DLMS, with RS 232,DTR-Audit meter ) as per attached specification	15					
6	Bi-directional-HT-TVM (-/5)A (DLMS, with RS 232, feeder - Audit meter) as per attached specification	23					
7	Ring Type CT 100/5 A as per attached specification	36					
8	Ring Type CT 200/5 A as per attached specification	45					
9	TTB for HT meter as per attached specification	23					
10	GPRS Modem- RS-232 port communication as per attached specification	675					
11	SMC Box for housing -(one 1ph meter+ Modem) as per attached specification	23					
12	SMC Box for housing -(one 3ph CT whole current meter+ Modem) as per attached specification	602					
13	SMC Box for housing -(one 3ph CT operated meter+ Modem) as per attached specification	27					
14	SMC Box for housing- (HT TVM+ Modem +TTB) as per attached specification	23					

15	Cost for new Installation or replacement , testing commissioning of Energy meters with Modem, SMC Box, TTB and necessary wiring at Consumer premises, DTR locations and 11KV CTPT Unit locations as per the instruction of Engineer-in-charge as per attached specification	675					
16	Software (MDAS) for all functionality mentioned in this tender with Required database licenses and adequate client license to PGVCL as per attached specification	1					
17	Server hardware including OS, OEM Server management software, Firewall, UPS, KVM, Rack and other hardware and software necessary to work application software satisfactory with license to PGVCL as per attached specification	1					
18	Cost developing and supply Mobile application suitable for Android and IOS based Mobile licensed to PGVCL as per attached specification	1					
19	Integration, installation, testing and commissioning of all equipment from Meter to HES, MDAS, Webhosting, Mobile App (Android and IOS) and other technology and functionality for the entire project for successful functioning as per tender condition and as per attached specification.	1					
20	Cost towards Network Service Provider for GPRS Communication with sim cards from Meters to HES for 5 years	675					
21	Providing Internet Bandwidth with live static IP for the project for 5 years	1					
	<b>Sub-Total end cost under of Remote Metering Part-B</b>						
	<b>Total Endcost of the Project (PART A+PART B)</b>						