



**PUDUVAI BHARATHIAR GRAMA BANK  
HEAD OFFICE**

**PRICE BID DOCUMENT FOR 45 KVA DG SET**

**PART - II**

**PRICE BID**

**Tender Document for Supply, Installation, Testing and  
Commissioning of One 45 KVA DG Set  
for  
Puduvai Bharathiar Grama Bank, Head office**

**ISSUED TO**

**M/s.** \_\_\_\_\_

**This document contains 3 pages**



**PUDUVAI BHARATHIAR GRAMA BANK, HEAD OFFICE  
NO. 5, KAMARAJ SALAI, SARAM, PUDUCHERRY 605 013**

**Bill of Quantities for Supply, Installation, Testing and Commissioning of a 45 KVA DG Sets for Puduval Bharathiar Grama Bank, Head Office**

**PART II - PRICE BID**

Sl.No.	Description	Qty	Unit	Supply		Erection	
				Rate(Rs)	Amount(Rs)	Rate(Rs)	Amount(Rs)
1	<b>45 KVA DG Set</b> Supply, installation in position, at the location indicated by the Bank, testing, commissioning and handing over of a diesel generator set of capacity of 45KVA, 3 phase, 415 volts, 50Hz (12 KW at 0.8 pf lag) complete with diesel engine, water cooled radiator, self starting device, batteries, battery charger, engine panel, base frame, anti-vibration mounts, diesel tank, acoustic enclosure, power control panel, suitable capacity 4P MCCB with overload protection and all connected accessories including standard set of tools and spares (to be supplied free of cost) complete as described in detailed technical specifications. The amount quoted shall be inclusive of following.	01	Set				
	(l) Basic rate						
	(m) Excise duty						
	(n) Sale tax/Vat						
	(o) Octroi						
	(p) Works contract tax if any						
	(q) Any other duty etc.						
	(r) Cost of transport to the location indicated by the Bank with storage cum erection						
	(s) Insurance for transit and storage cum erection						
	(t) Charges for erection, testing and commissioning of the DG set, including obtaining approval from statutory authorities						
	(u) Cost of consumable like diesel, lubricant oil etc. for testing and commissioning of the set (approx. 16 hours)						
(v) Service tax							



2	Termination of above 3 <sub>1/2</sub> C x 50sq.mm. PVC cable with required materials such as copper lugs, brass gland, insulating tapes, chromium plated nut and bolts etc. complete as directed.		Nos (each)				
3	3 <sub>1/2</sub> C x 50sq.mm PVC cable		M (each)				
4	<b>AMF Panel</b> AMF panel(PLC based) should be fabricated from minimum 16 guage CRCA sheet, powder coated finish with engine start & stop commands, control relays, internal wiring control & power contactor, timer, set of indicators showing load on DG/mains/fault & battery charger, ammeter voltmeter & their selector switches frequency meter, all other standard accessories and also including control cable & bypass changer over switch of 63Amp.4 poles complete in all respect suitable for 45KVA DG set to ensure automatic start/stop of the Gen set in the case of AC Mains failure & its restoration respectively.	1	Nos (each)				
5	Cost of providing earth station with copper plates 600 x 600 x 3.14 mm embedded at least at a depth of 10 feet and filling of alternate layers of charcoal and salt and making a 300mm x 300mm chamber (brick masonry) with MS sheet cover, funnel, water pipe including supply & laying of 40 x 3 mm copper earth strip up to the test point as directed etc. as per detailed IS: 3043/1966 amended till date and as directed.		Nos (each)				
4	Supply and fixing of 25 mm x 3 mm copper earth strip with required materials such as brass clamps, screws, spacers and with riveted joints and connections with chromium plated nut and bolts complete as directed.(for equipment earthing)		M (each)				
5	Supply and fixing of 40 mm x 3 mm copper earth strip with required materials such as brass clamps, screws, spacers and with riveted joints and connections with chromium plated nut and bolts complete as directed.(for neutral earthing)		M (each)				
<b>GRAND TOTAL</b>							