

**Bungalow # 75-A/2 Sindh Muslim
Housing Society,
Qasimabad, Hyderabad.
Phone # 022-9240002-02292003**

SORS – SCHEDULE OF REQUIREMET:

12 KW Solar Systems complete in all following respect.

Sr #	Description	Unit	Quantities
01	Supplying of Customised G.I Pre-fabricated Solar Stand 12/14 SWG , for fixing 02 Solar panels on each stand , including 3/8''-1/2 anchor bolt including nuts,bolts,washers etc.	Each	03
02	Supply of solar panels polycrystalline(PVC module) 330 watts each , a quality made in Germany /Canada/China or equivalent etc.	Each	06
03	Supply of all in one sine wave off grid hybrid solar invertor on grid/off grid MPPT based , 3 mppt KW i24 volts system supporting 3000-3300 watts solar panel made by any good company.	Each	01
04	Supplying of pure cable single core /tin coated 10mm squares from PVc pipeline (shovel/equivalent1 dia fixing the pvc pipeline with GI PVC SADDLE from pv module to inverter.	Meter	100
05	Supply of copper cable single core/tin coated 30 mm sq from inverter to batteries , running of cable in pvc suitable size pipe.	Meter	150

Sr #	Description	Unit	Quantities
06	Supply of deep cycle tubular storage battery 12 volts, high tech/non spill able or	Each	08

	equivalent with electrolyte indicator complete in all respect .		
07	Supply of suitable size Bakelite board with wooden frame or plastic sheet for fixing of following: <ol style="list-style-type: none"> 1. Ac/dc Breaker 30 amp 1 no for battery 2. 05 no's plano type switches/socket . 3. 4. 03 nos 2o watts leb bulbs . 	Each	01
08	Installation of above inverter on wall with all accessories items as per direction of the engineer in charge and engineering practice/manufacturing instruction running the system complete in all respect .	Lumpsum	01
09	Contractor will provide original invoice with cataloge of the invertors to the department and provide guarantee for free replacement of parts for 1 year.	Nil	Nil