

HSCC(India) Ltd.
BLOCK-E(6)A, SECTOR-1, NOIDA, U.P.-201301(India)

**TENDER FOR ESTABLISHMENT OF 1.5 KWP SOLAR
PHOTOVOLTAIC (SPV) System**

VOLUME –VI

SCHEDULE OF QUANTITIES

DECEMBER 2012



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Tender No. – HSCC/HO/SPV/2012-(R-01)-Second Call

TENDER FOR ESTABLISHMENT OF 1.5 KWP SOLAR PHOTOVOLTAIC (SPV) System

VOLUME INDEX

VOLUME – I	PREQUALIFICATION DOCUMENTS
VOLUME – II	A. NOTICE INVITING TENDER B. GENERAL INSTRUCTION TO BIDDERS
VOLUME – III	A. ARTICLES OF AGREEMENT B. GENERAL CONDITIONS OF CONTRACT
VOLUME – IV	A. ADDITIONAL CONDITIONS
VOLUME – V	TECHNICAL SPECIFICATION
VOLUME – VI	SCHEDULE OF QUANTITIES

S.No.	Description.	Unit.	Qty	Rate in Figures (in Rs.)	Rate in words (in Rs.)	Amount in Rs.
1	2	3	4	5	6	7
1.00	1.5kWp Solar Photovoltaic system					
1.01	Supply, installation, testing and commissioning of 1.5 KWp solar Photovoltaic system as per the following specifications and as required					
i)	Solar panel comprising of 250 Wp Solar PV modules of crystalline cell efficiency minimum 16%, module efficiency minimum 15%, short circuit current(Isc) about 7.634A, open circuit voltage (Vop) 45.2 V, maximum power current about 7.076 A, maximum power voltage 35.7 V and module area less than 1.8 sq.m.- 6 set					
ii)	2kVA Power Conditioning unit with I/P voltage 24V/48 VDC and output voltage 200-240 V (AC)- 1 set					
iii)	Junction box(AJB) having 24V/48V, 30 A - 1 set					
iv)	Battery bank having 24V/48V, 80Ah - 1 set					
v)	Cables, PVC pipes and accessories complete in ready to use condition including connections with cables etc as required- 1 set					
vi)	MS/GI mounting structure 40x40x50mm and accessories fixed on terrace with PCC block neatly fixed with cement mortar. The MS mounting structure shall be painted with anti-corrosive paint and adequate to take care the wind pressure. A small shed to protect the battery inverter etc. from the weather at terrace - 1 Lot					

S.No.	Description.	Unit.	Qty	Rate in Figures (in Rs.)	Rate in words (in Rs.)	Amount in Rs.
	Note: The agency will be responsible for obtaining capital subsidy on behalf of HSCC from UPNEDA. The agency has to provide the suitable point from where HSCC will connect its water supply/RO pump or any other fixtures at their end to use the solar energy. The provision of dual supply system also be there to meet out the electric supply during non sunny days .					
	Complete functional solar Panel in all respect as mentioned above	Set	1			

Total for complete SPV systems(A)

Less for capital subsidy(B)

Net tender value(A-B) in figure

Net tender value(A-B) in words

Note:

- a) The Net tender value of the work (i.e. SPV quoted rate minus Capital subsidy) will be considered for finalization of lowest bidder.**
- b) In case the capital subsidy quoted by the bidder is more than the actual capital subsidy obtained from the UPNEDA/concerned authority, and the difference of these two will be deducted from the Agency.**
- c) In case the capital subsidy quoted by the bidder is less than the actual capital subsidy obtained from the UPNEDA/concerned authority. The quoted capital subsidy will be considered for finalization of Agency bill payment.**