

## ***Section VII. Technical Specifications***

# Technical Specifications

Item	Specification	Statement of Compliance
		<p><i>[Bidders must state here either "Comply" or "Not Comply" against each of the individual parameters of each Specification stating the corresponding performance parameter of the equipment offered. Statements of "Comply" or "Not Comply" must be supported by evidence in a Bidders Bid and cross-referenced to that evidence. Evidence shall be in the form of manufacturer's un-amended sales literature, unconditional statements of specification and compliance issued by the manufacturer, samples, independent test data etc., as appropriate. A statement that is not supported by evidence or is subsequently found to be contradicted by the evidence presented will render the Bid under evaluation liable for rejection. A statement either in the Bidder's statement of compliance or the supporting evidence that is found to be false either during Bid evaluation, post-qualification or the execution of the Contract may be regarded as fraudulent and render the Bidder or supplier liable for prosecution subject to the applicable laws and issuances.] Please state the brand and model being offered</i></p>
	<p><b>SUPPLY, DELIVERY, INSTALLATION, TESTING &amp; COMMISSIONING OF 252 KW HYBRID ON GRID SOLAR POWER SYSTEM INCLUDING INVERTER, PV PANEL, BATTERY STORAGE LIMITER, PROTECTION DEVICES, RAILINGS&amp; SUPPORTS, WIRINGS AND ACCESSORIES</b></p>	
1	Inverter: Hybrid on Grid 20KW 3PH (3L/N/PE) 380VAC/384VDC	
2	PV Modules: 450Wp Monocrystalline	
3	Battery Energy Storage: Cabinet Type LifePO4 19.2KWH 384V 50ah	
	<i>PV Ground Structure (Screw Type Mounting)</i>	
4	PV Rail Horizontal (NSP-CR12-4300)	
5	PV Rail Vertical (NSP-CR12-3446)	
6	Rail Splice Kit	
7	Rail Clamp Kit	
8	End Camp	
9	Mid Cap	
10	Portrait Beam	
11	Portrait Beam Clamp	
12	Rail Splice Self-Tapping Screw	

Item	Specification	Statement of Compliance
13	Front Leg	
14	Rear Leg	
15	Diagonal Draw Bar (NSP-AL-T50C-1653)	
16	Diagonal Draw Bar (NSP-AL-T50C-1534)	
17	Angle Aluminum Bar	
18	Leg Base Kit	
19	Ground Screw 1600MM	
20	Hex Bolt Set (NSP-HB1-1240)	
21	Hex Bolt Set (NSP-HB-1080)	
	<b><i>DC Line Conductor &amp; Protections</i></b>	
22	PV Cable 2-Core 6.0MM2	
23	MC4-S	
24	DC MCB 4P 16A NP	
25	DC SPD 3P	
26	PV Distribution Box 18 Ways	
27	AC Distribution Box 8 Ways	
28	Bare Solid Copper Wire 10MM2	
29	Bare Copper Wire 30MM2	
30	PV Grounding Lug	
31	Ground Rod 10FT x 3/4"	
32	PVC Conduit Fittings	
	<b><i>AC Line Conductor &amp; Protection</i></b>	
33	AC Combiner (AC Out), 1x500A 4P MCCB, 10x60A 4P MCCB, 3P AC SPD in an IP65 Steel Enclosure	
34	Thhn Wire 14MM2	
35	THHN Wire 60MM2	
36	Cable Tray	
37	Lightning Arrester ESE Type IV	
38	INSTALLATION COST	
<b>NOTE: LOT EVALUATION</b>		

**I hereby certify that the statement of compliance to the foregoing technical specifications are true and correct, otherwise, if found to be false during bid evaluation or post-qualification, the same shall give rise to automatic disqualification of our bid.**

\_\_\_\_\_  
Name of Company

\_\_\_\_\_  
Signature over Printed Name of  
Authorized Representative

\_\_\_\_\_  
Date