



KERALA STATE EX-SERVICEMEN DEVELOPMENT AND REHABILITATION CORPORATION

(KEXCON - A Govt. of Kerala Undertaking)

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501(1)/Proj/Solar/KEXCON

07-02-2025

TENDER NOTICE

Item rate limited tenders are invited from the KEXCON empanelled agencies for the following work through online bid (two cover system) through KEXCON Kerala.
Website <http://www.kexcon.in>

Ser No	Name of Work	Time for Completion
1.	Supply of 55 KW On-grid Solar Power Generating System at Valakkavu Ksheera Vyavasaya Co-operative Society Ltd. No.R5(D),Valakkavu, Mulayam P O, Thrissur- 680751 - Waree Mono PERC Non DCR panels-55KW - V-Guard Inverter-50KW - All Electrical Accessories with cable and earthing materials - Specifications attached in Annexures 'A' & 'B'	50 days

The bidder shall quote the unit rate for each item alongwith applicable taxes in the format given below:-

Tender Type : Limited
Bid Submission Start Date : 07-02-2025
Bid Submission End Date : 15-02-2025
Bid Opening Date : 17-02-2025
Cost of Tender Documents : Rs. 4000/-
EMD : NA



Surbhi
GS SURABHI
Administrative Officer
(Deputy Secretary to Govt)
KEXCON
for Managing Director

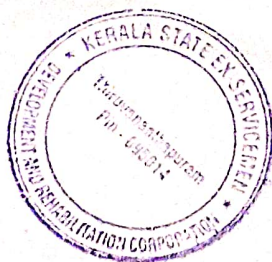
Annexure 'A'

S No	DESCRIPTION	MAKE	QTY	Amount quoted (inclusive GST)
1	Supply of Three Phase 55 KW On Grid Solar System solar photovoltaic module : 590/545Wp mono PERC Non DCR Capacity 55KW	Waaree	55KW	
2	Solar grid-tie inverter (50 KVA)	V Guard	1	
4	AC Distribution box for Single Phase Inverter System AC Distribution box AC MCB 3P 25A AC SPD Three Phase	Standard	1	
5	DC Distribution box with polycarbonate transparent lid. (12 In & 12out) SPD600v DC-1 No, DC MCB15A-1No, FUSE , HOLDER15A- 1No. TERMINALS	Standard	1	
6	Three Phase NET Meter	Genus/L&T/ SECURE	1	
7	AC cables up to Meter box & LT Panel Required 4Core 50 Sq. mm UG Cable	Polycab/Microte k/ Finolex	70 m	
8	Three Phase Solar unidirectional LT CT Meter	Genus/L&T/ SECURE	1	
9	SPN	Standard	1	
10	32A Fuse unit	Standard	1	
11	MC4 connectors, Copper lugs, Cable tray/Conduit & All other Electrical Accessories	Standard		
12	UV protected solar cable 4 Sq mm	UNIFLEX/SIEC HEM	400 M	
13	Supply of CPRI approved DC Earth & Lightning arrester, Insulated Conductor, Earth Rode, 10swg copper wire, Chemical earth pit fill, Earth chamber & Accessories Lightning Arrestor- 2 No's, Earthing-6 No's	Standard	3 set	

	Hardware's	Standard		
15	Transportation			
16	Panel board	Optional		
17	Remote monitoring	WIFI / GPRS		
18	Electrical inspectorate inspection and testing			

Annexure 'B'

PART- B SUPPLY AND INSTALLATION OF 55KW SOLAR PANEL ROOF MOUNTING STRUCTURE ON THE TOP OF THE GI SHEET, PROVIDING LADDER , AND PATHWAY FACILITY,		Amount quoted (inclusive GST)
DESCRIPTION	QTY	
SOLAR PANEL ROOF MOUNTING STRUCTURE		
75 mm x 25 mm 16gauge 6 meter long Rectangle Tubes	123 No's	
40 mm 16gauge 6 meter long GI Square tube	80 No's	
125 mm square plate with 4 hole	8 No's	
8 mm Anchor bolt	25 No's	
Welding Rod	10 Pkt	
100mm Cutting Wheel	25 No's	
Mid Clamp & End clamp	300 No's	
25 mm size self-screw	500 No's	
2 Coat Painting		
Labour Charge		
Transportation		




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