



Tender document for Design, Engineering, Supply, Construction, Erection, Testing and commissioning of Ground Mounted Grid connected 1 MW (AC) Mono Crystalline SPV Power Plant with Indigenous Modules at Madurai Kamaraj University, Madurai, with Grid synchronization and Five years of Operation & Maintenance

 नीवे NIWE (ISO 9001 Certified)	राष्ट्रीय पवन ऊर्जा संस्थान (नवीन और नवीकरणीय ऊर्जा मंत्रालय के अधीन स्वायत्त अनुसंधान एवं विकास संस्थान, भारत सरकार) NATIONAL INSTITUTE OF WIND ENERGY (An Autonomous R&D Institution under the Ministry of New and Renewable Energy, Government of India) (पूर्व में "पवन ऊर्जा प्रौद्योगिकी केंद्र" Formerly "Centre for Wind Energy Technology") वेलचेरी ताम्बरम प्रमुख मार्ग, पल्लिकरणई, चेन्नई - 600 100, तमिलनाडु, भारत Velachery – Tambaram Main Road, Pallikaranai, Chennai - 600 100, Tamil Nadu, INDIA Tel No. 044-22463982/83/84, 29001162 / 67 / 95 , Fax No. +91-44-2246 3980, E-mail : purchase.niwe@nic.in , website: www.niwe.res.in
---	---

NIT NO: **NIWE/PUR/17/114/20**

DATE: 27.08.2020

E-Tender is invited from the experienced E.P.C contractors in India for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning, Grid synchronization, With 5 years of comprehensive AMC, Warranty, insurance and O&M, for 1 MW (AC) Mono Crystalline Solar PV Power Plant at Madurai Kamaraj University, Madurai, Tamil Nadu from the Date of Commissioning (i.e. Power evacuation to Substation) along with Power Evacuation System to the nearest available TANGEDCO Substation including laying of UG & OHC cables and Merger of three existing HT feeder service connections into single HT service connection as per the existing TNEB norms and laying of underground HT Cables inside campus (~2.00 kms).

NOTICE INVITING TENDER

1.0	Description & Brief Scope of the work	National Institute of Wind Energy invites E.P.C contractors in India for Design, Engineering, Supply, Construction, Erection, Testing, Commissioning, Grid synchronization, With 5 years of comprehensive AMC, Warranty, insurance and O&M, for 1 MW (AC) Mono Crystalline Solar PV Power Plant at Madurai Kamaraj University, Madurai, Tamil Nadu from the Date of Commissioning (i.e. Power evacuation to Substation) along with Power Evacuation System to the nearest available TANGEDCO Substation including laying of UG & OHC cables and Merger of three existing HT feeder service connections into single HT service connection as per the existing TNEB norms and laying of underground HT Cables inside campus (~2.00 kms).
-----	---------------------------------------	--



2.0	Content of Tender Documents	E-tender for the aforesaid Composite work as per general guidelines mentioned at Forms and Annexure. Bids are invited from the experienced Indian EPC Contractors. General Purchase Conditions (GPC) Special Purchase Conditions (SPC) Technical Specifications Bid Price Schedule (BPS)	
3.0	Important Details	Tender Mode	E-Procurement
		Tender Issue date	27.08.2020
		Site Visit at MKU, Madurai	28.08.2020 to 16.09.2020 (except Saturday, Sunday & Public Holidays)
		Tender Closing and Time Date	17.09.2020 03:30 PM
		Tender Opening Date and Time	18.09.2020 03:30 PM
4.0	Cost of tender document	NIL	
5.0	Tender details to be downloaded from	http://eprocure.gov.in/eprocure/app http://niwe.res.in/	
6.0	Opening of Tender	In CPP-Portal through Online at National Institute of Wind Energy, Chennai-600 100, Tamil Nadu.	
7.0	Warranty	The warranty for respective equipment shall be backed as guaranteed by the OEMs or for a Minimum for a period 5 years from the OEMs whichever is higher	



	Insurance	Insurance has to be arranged by the successful bidder for the 1MW (AC) SPV power plant against Fire, Burglary, Theft and natural calamities, riots, strike or any such other scenario not explained here but form part of a comprehensive Insurance Package from the date of commencement of the work and for the entire project period of 5 years, under no liability to NIWE.
	Operation & Maintenance	5 years of Operation & Maintenance as per the details provided in Annexure-9
8.0	Location	Madurai Kamaraj University, Palkalai Nagar village, Madurai (Dist), Tamil Nadu -625021, India.
9.0	Bid queries and Site Visit	<p>Any queries related to this tender shall be clarified through email only. Queries/Clarifications shall be sent to the following email ids:</p> <p>Purchase.niwe@nic.in, giridhar.niwe@gmail.com .</p> <p>Meanwhile, no queries shall be entertained after 14.09.2020. The tender is floated for the second time and hence requests for extension of bid submission due date at any point shall not be considered. Bidders shall refrain from requesting for extension of bid submission due date.</p> <p>Bidders shall ensure themselves about a clear cut idea of the site where the proposed plant to be commissioned. However, bidders who have already undertaken the site visit referring to the earlier NIT No. NIWE/PUR/17/114/19 dated 01.06.2020 may not necessarily visit the site again as there is no change in the site. However, fresh bidders and bidders who have not undertaken the site so far, may plan their site visit for better understanding of the local conditions, particularly regarding transmissions lines up to the nearest TANGEDCO substation. Fresh bidders may ensure themselves by taking a visit to the site during the bid submission period from 28.08.2020 to 16.09.2020 (Timings 1000hrs to 1700hrs- Except Saturdays, Sundays and holidays.)</p>



10.0	Earnest Money Deposit (Excluding Bank Charges)	<p>Earnest Money Deposit (EMD) Rs.13,00,000/- (Rupees Thirteen Lakhs only) (Excluding Bank Charges).</p> <p>EMD (Refundable to unsuccessful bidders without any interest) in the form of Demand Draft must accompany the offers. Bids without EMD shall summarily be rejected. Contractors registered with National Small Industries Corporation (NSIC) such as Micro/Small/Medium/Startup Enterprises registered for supply / service related to this tender are eligible for exemption from payment of EMD / Security deposit for the contract up to the monetary limit for which the unit is registered with NSIC. (Attested copy of registration certificate shall be furnished in support of the claim of exemption). Exemption given for NSIC/MSME shall be as per the Public Procurement Policy as entitled for MSME by Government of India. Traders are excluded from the purview of this Policy.</p>
10.1	EMD Payment	<p>The Bid Security/EMD of Rs. 13,00,000/- (Excluding Bank Charges) shall, at Bidders option, by Fund transfer or in the form of a Bank Guarantee from any of the Scheduled banks.</p> <p>The format of Bank Guarantee towards EMD/Bid Security shall be in accordance with the form of bid security included in the bidding documents. The bid Security shall remain valid for a period of forty-five (45) days beyond the original Bid validity period or beyond any extension in the period of Bid validity subsequently requested.</p> <p><u>NIWE Account Details are:</u></p> <p>Bank: - CANARA BANK, NIOT PALLIKARANAI BRANCH</p> <p>Account Number: - 2874101015439</p> <p>IFSC Code : -CNRB0002874</p>



11.0	<p>Scanned copy of the EMD details to be uploaded in the NIC portal.</p> <p>EMD to be submitted in the form of NEFT/RTGS Fund Transfer or Bank Guarantee well within the tender closing date and time. If EMD is furnished by Bank Guarantee it should be submitted in the tender box in a separate sealed cover duly super scribing "E-Tender for Supply, Installation and Commissioning of 1 MW Solar PowerPlant at Madurai Kamaraj University- Madurai". For NEFT/RTGS, the fund transfer details have to be shared with the bidding documents and a copy of the same may be uploaded in the NIC portal.</p>	
12.0	<p>Important Information To Bidder</p>	
12.1		<p>Issuance of bidding documents to any bidder shall not be construed that such bidder is considered to be qualified.</p>
12.2		<p>No manual submission of bid is allowed and manual bids shall not be accepted under any circumstances. Bids submitted other than in CPP-Portal shall summarily be rejected. All documents in support of technical qualifications shall be submitted on- line. Failure to submit the documents on- line will attract disqualification. Bids shortlisted by this process will be taken up for opening the financial bid</p>
12.3		<p>Responses submitted by Bidders who do not meet the qualifying requirements in the General Purchase Conditions or incomplete bids will be rejected.</p>
12.4		<p>NIWE reserves the right to verify any claims made by Bidders and to carry out a capability assessment. The decision of NIWE shall be final in this regard.</p>
12.5		<p>NIWE also reserves the right to accept any proposal or to reject all proposals at any time prior to any short-listing, award or contract without incurring any liability or without any obligation to inform the affected party of the grounds for such decision.</p>
12.6		<p>The proposals will be opened on the Date &Time mentioned in the documents</p>



13.0	ADDRESS FOR COMMUNICATION
	Deputy Director General (Finance & Administration), National Institute of Wind Energy, Velachery – Tambaram Main Road, Pallikaranai, Chennai 600100. Phone: EPABX: 91-44-22463982 / 83 / 84 /29001162 / 67 / 95. Fax: 91-44-2246-3980, Email: directorfa.niwe@gov.in , purchase.niwe@nic.in

Any amendment to the Tender will be published in the NIWE website and CPP Portal
: <http://niwe.res.in/>
: <http://eprocure.gov.in/eprocure/app>

It is the tenderers' responsibility to visit the NIWE website frequently to know about the latest updates / amendments / corrigendum / addendum / clarifications if any.

Division Head (F&A)