



NATIONAL INSTITUTE OF
OCEAN TECHNOLOGY

NOTICE INVITING TENDER (NIT)

Form No.

NIOT/S&P/NIT



Tender No.		NIOT/S&P/S&GH/100165/2024-25
Issued To		AC-DC 40A Power Supplies
Tender Mode		GeM (Custom Bid) – Single Bid
Tender Issue date		27.11.2024
Tender Closing Date and Time		19.12.2024 at 3.00 PM
Tender Opening Date and Time		19.12.2024 at 3.30 PM
Send your queries to the email IDs	Up to Tender finalizations	gopalakrishnaa.niot@gov.in vaidehi.niot@gov.in purchase@niot.res.in

**NATIONAL INSITUTE OF OCEAN TECHNOLOGY VELACHERY
TAMBARAM MAIN ROAD NARAYANAPURAM, CHENNAI
600100**

NIOT WEBSITE: <http://www.niot.res.in/tenders>

Commercial Terms Compliance sheet (format should not be altered)

Sl. No	Particulars	Yes	No	offer Page Ref
1	Whether every page of the tender document is signed for acceptance of tender and uploaded along with the offer?			
2	Whether Taxes and duties are shown separately in the quote. (Registration numbers for claiming the same to be strictly indicated)			
3	Whether accepted to submit the order acceptance within 7 days from the date of order?			
4	Whether Quote is valid for 90 days from the due date of tender or time specified in the tender document whichever is later?			
5	Whether payment terms of the tender is complied with?			
6.	Whether price is FOR NIOT, Chennai?			
7.	Whether the freight cost is included, if not included whether the freight cost is indicated separately?			
8.	Whether the authorization letter exclusively for this tender, from the original manufacturer is enclosed?			
9.	a) Whether warranty period accepted as per tender?			
10	b) Whether submission of warranty certificate in the prescribed format is acceptable?			
11	Whether the delivery period is clearly indicated, and is as per tender?			
	Whether the cost of installation / inspection / testing explicitly mentioned in the quote?			
12	Whether Past track record of quality and service is enclosed?			
13	Whether submission of PS is acceptable if the value exceeds Rs. 25,00,000/-			
14	Whether submission of PBG is acceptable if the value exceeds Rs. 25,00,000/-			
15	Whether list of deliverables attached and comply as per tender?			
16	Whether liquidated damage clause is acceptable in case of delayed supply?			
17	Whether the tender is fully complying with tender specification/Adjustment if no, list out deviations very clearly along with the appropriate reason for the deviation?			
18	Whether item-wise price is quoted as per price bid and quoted price is realistic?			
19	Whether technical specification has been duly filled in and submitted with the tender document is uploaded along with the quotation.			
20	Whether HSN code of the product has been indicated?			
21	Whether your firm is registered under MSME/ NSIC/DIC/UAM? If yes enclose copy of registration			

PRICE BID FORMAT:

AC-DC 40A Power Supplies:

S.No.	Description	Qty	Unit	Unit rate	Amount
1.	24V DC Power supply AC – DC 40A Power Supplies	5	Numbers		
Total Amount					
(Amount in words. _____)					

The above price should be inclusive of GST and F.O.R. NIOT Chennai.

Note:

The goods items quoted are manufactured in India and not imported from any country.

For Supply and Service

NIOT has enrolled under GST in the category "Tax Deductor". The bidders are requested to update their database regarding NIOT's Registration under GST-Tax Deductor.

TDS @ 2% on the order value towards GST will be deducted on payments made to the supplier in respect of goods and/or services, supplied/provided if the value exceeds Rs. 2.5 lakhs

1. The copy of the GST registration certificate to be attached.
2. The duly filled technical and commercial compliance sheets and detailed data sheet for the quoted model should be submitted along with quotation/offer.
3. The above item to be delivered within **6-8 weeks** from the date of receipt of order.
4. 100% payment shall be made after supply and acceptance of the materials.
5. Part Supply: Not allowed. All the items should be delivered in single lot within the stipulated time.
6. **Delivery Site:** National Institute of Ocean Technology, Pallikaranai, Chennai – 600100, India.
7. Warranty certificate should be provided for **12 months** from the date of supply and acceptance. Warranty certificate should be provided as per the prescribed format of NIOT.
8. **Liquidated damage:** If the Contractor shall fail to deliver the systems/components within the time specified in the Contract, NIOT shall recover from the Contractor as liquidated damages a sum of 0.5% (1/2 percent) of the contract price of the undelivered systems /components for each week of delay (or) part thereof. The total liquidated damages shall not exceed 5% (5 percent) of the contract price of the unit or units so delayed. Systems / components will be deemed to have been delivered only when all essential components parts are also delivered. If

any essential components are not delivered in time, the entire system / components will be considered as delayed until such time the missing parts are delivered.

Prequalification Criteria:

1. The OEM must possess a minimum of 10 years of experience in developing power supplies.
2. The model must be available on the market for sale for a minimum of three years. At least one purchase order should be annexed.

We agree to all applicable terms and conditions listed in the tender document

Company's Signature with Seal

Technical Specification compliance sheets for "AC-DC 40A Power Supplies"

S No	Description of the item	NIOT requirement	Yes/No	Bidder's Remarks
1	Input Voltage range	≤ 110V AC to ≥ 230VAC ,single phase ,50Hz		
2	Output Voltage	24VDC		
3	Current	Min 40A max 60A		
4	Efficiency	>92%		
5	Ripple	<50mVpp		
6	Protection Features	<ul style="list-style-type: none"> • Isolated, • Transient surge protection ,, • output short circuit Protection, • no load Protection and • overload protection 		
7	MTBF	>800000 hours @25C, certificate should be submitted		
8	Mounting	Din rail		
9	IP Protection	Min IP20		
10	Low operating pressure	≥3500 m Maximum altitude		
11	Safety requirement certification for electrical equipment	Any IEC /EN certification		
12	Environmental condition	<ul style="list-style-type: none"> • ≤ 0 °C and ≥55 °C -operating temperature • ≤ 100% Relative Humidity , non-condensing 		
13	EMC,Shock and vibration	Any IEC /EN certification		
14	Approval	DNVGL, certificate should be submitted		
15	Load sharing using multiple power supplies	integrated decoupling MOSFET or better		

We agree to all terms and conditions as per tender document.

Date:

Signature of supplier

Place:

Stamp

+MANDATORY DOCUMENTS:

1. GST Registration Certification
2. PAN details
3. Cancelled cheque Leaf / Bank details
4. Copy of NIT documents affixing company seal and signed in all the pages.
5. Duly filled commercial compliance sheet and Technical Compliance sheets
6. Any other documents sought in the NIT
7. Valid Authorisation Letter from OEM
8. MSME Certificate, if any

We agree to all applicable terms and conditions listed in the tender document

Company's Signature with Seal