

Phone : 022-25594696
Fax : 022-25505311



Room No - 40
Dhruva, RRMD,
BARC, Trombay,
Mumbai - 400085

सत्यमेव जयते
GOVERNMENT OF INDIA
BHABHA ATOMIC RESEARCH CENTRE
RESEARCH REACTOR MAINTENANCE DIVISION

TENDER NOTICE

Tender Notice No: RRMD/ TN-42 / 2018

Date: 4/ 09 /2018

Sub: Tender enquiry for Fabrication& Supply of Redundant Or-Ing Diode Units at Dhruva, BARC.

Sealed tenders are invited for and on behalf of the President of India by the Head, RRMD BARC, Trombay, and Mumbai-400085 from experienced vendors for Fabrication Redundant Or-Ing Diode Units at Dhruva, BARC.

1.0 Description of the work:

Fabrication & Supply of Redundant Or-Ing Diode Units as per specification in annexure.

2.0 Terms and conditions:

- 2.1 The offer should be valid for consideration for 30 days from due date of the offer.
- 2.2 The work shall be completed within two months after issue of the work order.
- 2.3 On completion of the work to our satisfaction, payment would be released on submission of bills in triplicate along with an advance stamped receipt.
- 2.4 The vendor should also clearly reply in his tender to “whether the contractor / vendor has any relative working in BARC or the contractor himself is an ex-employee of BARC or the contractor has any ex- employee of DAE on his payroll”.
- 2.5 Since the job has to be carried out at Dhruva, BARC, the employees deputed at site by the contractor should have a valid police verification certificate.
- 2.6 Contractor should mention their valid PAN No. and GST No. in the quotation, failing which the offer shall be rejected.

3.0 Instructions to Tenders:

- 3.1 Tenders should submit documents in support of their technical capabilities.
- 3.2 Price quoted shall be filled up in the same format given in the Schedule-B with GST and no other charges will be payable.
- 3.3 Tender shall be submitted in the sealed cover in the vendor’s standard company format quoting our **Tender no. RRMD/TN-42//2018** on the envelope and addressed to ‘Head, RRMD, BARC, Trombay, Mumbai-400085 and submitted in the RRMD office, Dhruva’. The offer should be submitted so as to reach RRMD office, Dhruva on or before 20

- /9/2018 up to 1500 hrs. Tender is to be sent only through registered post or speed post hand delivery or courier of tenders will not be accepted.
- 3.4 Tenders shall be opened the next (working) day at 1100 Hrs. in RRMD office, DHRUVA, Trombay, BARC. Shri H.P. Chaturvedi may be contacted on phone no. 25596225 / 25594310 from 10 AM to 5 PM. to arrange entry permit if anyone wants to visit the site before sending their quotation.
- 3.5 The acceptance of the tenders will rest with Head, RRMD who does not bind himself to accept the lowest offer, and reserves to him the authority to reject any or all the tenders received without assigning any reason.
- 3.6 Quotation received after the due date and time shall be summarily rejected.

Thanking you,

Yours faithfully,

S/d
(P. Sumanth)

Head, RRMD
BARC

(For and on behalf of the President of India)

Enclosures: Schedule –A & B

Schedule –A

Tender Notice No: RRMD/TN-42 /2017 Dated 4/09/2018

Name of Work: - Fabrication & Supply of Redundant Or-Ing Diode Units at Dhruva, BARC.

Sl. No.	Description	Qty	Unit	Rate
1.	Water	As required	Liter	Free
2.	Electricity	As required	KWH	Free

Schedule – B

Tender Notice No: RRMD/TN - 42/2018 Dated: 04 / 09 /2018

Name of Work: - Fabrication & Supply of Redundant Or-Ing Diode Units at Dhruva, BARC.

So. No	Name of item	Qty (a)	Supply Rate (b)	Total cost (a x b)
1	Fabrication & Supply of Redundant Or-Ing Diode Units as per specification in annexure	12		
2	Total basic cost			
3	GST			
4	Total Cost (including all charges)			
5	Total Cost (in words)			

Total cost (including all charges) = Net supply + GST:

Signature of the contractor with seal

Note: The prices shall be quoted in numerals and words as well. All pages of this form shall be signed with seal. No correction/ over writing is acceptable.

Annexure

Ref: RRMD/TN-42/2018

TECHNICAL SPECIFICATION OF REDUNDANT OR-ING DIODE UNIT

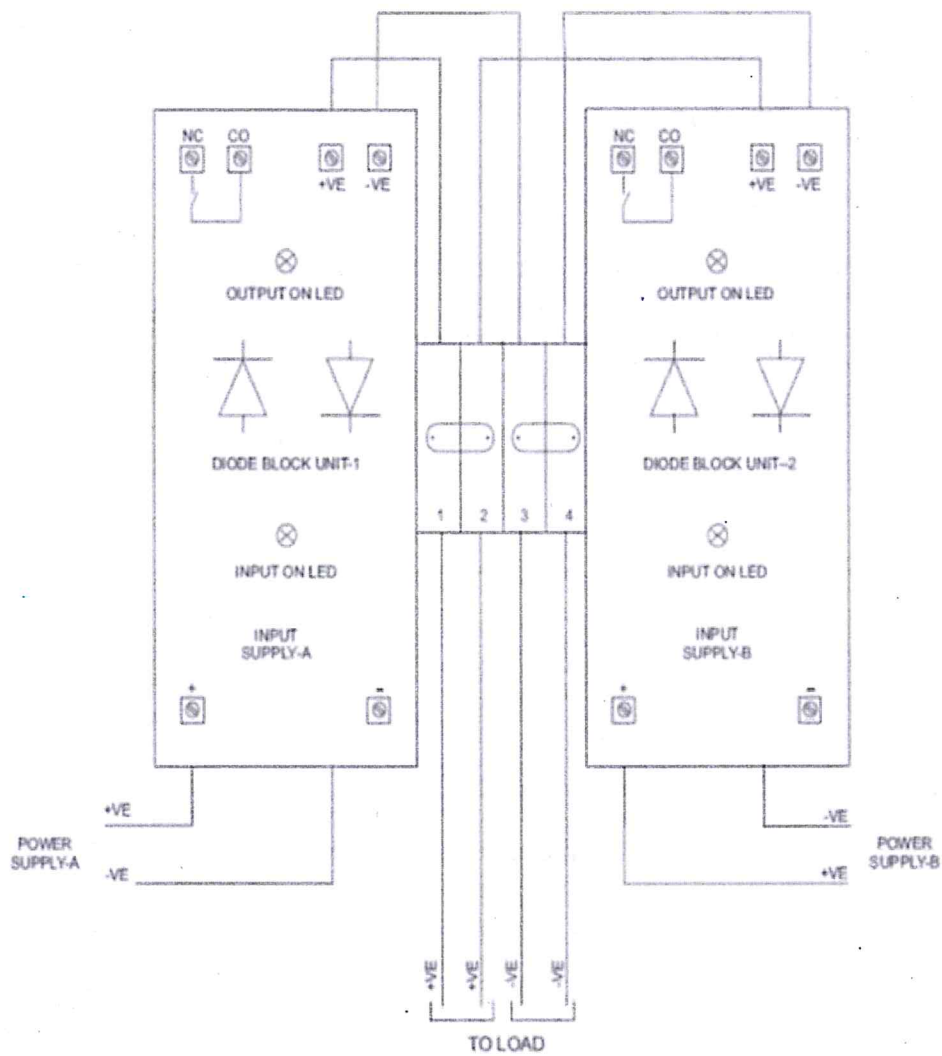
- 1) **Application:** For 250 VDC System.
- 2) **Functional requirement:**

The Redundant Or-ING unit shall combine two power sources to create redundant power source preserving the output power supply in case one of the input source fails. In case of input power supply failure, the next power supply source feeds the power to load without interruption. The status indication of power supply failure shall be required at local and relay contact (NC/NO) for remote alarm.

- 3) **Specifications:**

Sr. No.	Parameters	Description
1	Input:	250 VDC Supply with two source.
2	Output current	20A
3.	Overload	10 % max.
4.	Permissible drop	2 volts mx at 20 A.
5.	Dielectric strength	2k V AC (between input/output to body)
6.	Insulation resistance	100 mega Ohm @ 500 VDC min. (between input/output to body)
7	Working temp.	55°C Ambient max.
8	Indication	Input power supply One green LED for each power supply Output power supply One green LED for output
9	Remote Alarm	1 N/C Relay Contact, rated for 5A @ 230 VAC IN CASE of failure of any one of the input power supply
10	Dimension (LXWXH) in mm	131X138X131
11	Mounting	Din Rail
12	Weight	2.7 k g

Prepared by: H.P. Chaturvedi
I/O



Handwritten signature

SINGLE LINE DIAGRAM OF OR-ING DIODE UNIT