

STANDARD BIDDING DOCUMENT

SUPPLY AND DELIVERY OF RELAYS CONTRACTOR AND SWITCHES.

NIT No. MMS0049/2025 dated 14/03/2025 File No. DGPC/MMS/RCMS/2025/236

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NOTICE INVITING TENDER

Material Management Section Druk Green Power Corporation Limited Phuentsholing

Domestic Competitive Bidder

For

Supply and Delivery of Relays Contractor Meter and Switches

NIT No: MMS0049/2025 Date: 14/03/2025.

- Material Management Section, DGPC invites sealed Bids from eligible Bidders for the supply and delivery of Relays Contractor Meter and Switches as per the scope of supply mentioned hereinafter.
- 2. Detailed specifications, scope of supply and terms and conditions are given in the Bidding Documents, which are available as per the schedule below:

Tender No. and date	MMS0049/2025 and date 14/03/2025
Document available period (date & time)	From 17/03/2025 to 02/04/2025
Bid submission (date & time)	Up to 02/04/2025 by 3:00 BST.
Pre-bid meeting (if any)	NA
Bid opening date, time & place	02/04/2025 at 3:30 BST at MMS, Phuentsholing
Bidding Documents shall be available	www.drukgreen.bt

3. Issuance of Bidding Documents shall not automatically construe that the Bidder fulfils the Qualifying Requirements which shall be determined during Bid evaluation based on data/documents submitted by the Bidder.

Standard Bidding Documents for Goods

- 4. Bids shall be submitted at the address given below and shall be opened in the presence of Bidder's representatives who choose to attend.
- 5. All Bids must be accompanied by Bid Security for an amount of **BTN. 193,000.00 (One Hundred Ninety Three Thousand) Only** in the form of Demand Draft /Cash Warrant /Banker's Cheque//Bank Guarantee enforceable by any financial institutions in Bhutan, and shall remain valid till **01/07/2025** in favour of Material Management Section, **DGPC**. Purchaser may also accept cash deposit through bank transfer in expectational circumstances.
- 6. Qualification Requirement for Bidders shall be as specified in the BDS.
- 7. Bid Documents are not transferrable. The Purchaser reserves the right to accept or reject any Bid partly or fully or cancel the bidding process without assigning any reasons thereof and in such case no Bidder/intending Bidder shall have any claim arising out of such action of the Purchaser.
- 8. Address for bid submission:

Manager, Material Management Section, Druk Green Power Corporation, Phuentsholing Chukha: Bhutan

Telephone: 05-254465

E-mail: s.pema1815@drukgreen.bt

SECTION I: INSTRUCTIONS TO BIDDERS (ITB) – In a separate document



SECTION II. BID DATA SHEET

ITB	Particulars
1.1	The Purchaser is: Material Management Section, DGPC, Phuentsholing
8.2	For Bid clarification purposes, the Purchaser's address is: Attention: [Chimi Rinzin] Address: Material Management Section, Phuentsholing Phone number: +975 05 254382 Electronic mail: c.rinzin840@drukgreen.bt
8.3	Bid Clarification request will be received on or before: Time: 03:30 BST Date: 31/03/2025
8.5	A pre-bid meeting ["shall not"] take place at the following:
10.1	The language of bid is: English
12.1(i)	The Bidder shall submit with its Bid the following additional documents: a) Copy of Valid Trade License / Certificate of Incorporation b) Latest Tax Clearance Certificate c) Bid Submission Form
14.3	The Bidder shall quote prices: CIP. MMS Store, Phuentsholing
14.3 (a) & b)	The final destination is: MMS Store, Phuentsholing.
14.5	Bids are being invited for (individual item)
15.1	The prices quoted by the Bidder [shall not] be adjustable.
16.1	The Bidder shall quote in BTN
17.1	The Bid validity period shall be 60 days from the date of bid opening i.e., up to 01/06/2025.
18.1	The Bidder shall furnish a bid security in the amount of BTN 193,000.00 shall be valid up to 01/07/2025 .
19.1	Alternative Bids "shall not" be permitted.
20.3	The period of time for which the Goods are expected to be functioning (for the purpose of spare parts, special tools, etc (Not applicable)
21.1 snagum	Financial Capability

	The Bidder shall furnish documentary evidence that it meets the financial requirement(s): [NOT APPLICABLE]			
21.2	Experience and Technical Capacity			
	The Bidder shall furnish documentary evidence to demonstrate that it meets the			
	following experience requirement(s): [Not applicable]			
21.3(a)	Manufacturer's authorization "is not" required.			
21.3(b)	After sales maintenance, repair, spare parts stocking and related services "are not" required, and the Bidder therefore "is not" required to be represented by a suitably equipped and able agent in Bhutan.			
21.3 (c)	Joint Venture/Consortium (JV/C) Bids are permitted ["NO"].			
22.1&24.1	In addition to the original Bid, the number of copies is: Not required			
24.2 (b)	For bid submission purposes only, the Purchaser's address is: Manager, Material Management Section, Phuentsholing Bhutan. Telephone: 05-254465 E-mail: s.pema1815@drukgreen.bt			
24.8	Bidders "shall not" have the option of submitting their Bids electronically.			
25.1	The deadline for the submission of Bid is: 02/04/2025 15:00 hrs. Bhutan time.			
28.1	The Bid Opening shall take place at:			
	Address: Material Management Section, Conference Hall			
	Date: 02/04/2025			
	Time: 15:30 hrs, Bhutan Time			
36.3	Evaluation will be done for [ITEM WISE]			
36.3 (e)	The adjustments shall be determined using the following criteria: Not Applicable			
36.6	Bidders ["shall"] be allowed to quote prices for one or more lots.			
38.1	A margin of Domestic Preference ["shall not"] apply.			
43.	The successful Bidder shall submit the contract performance security and sign the			
	Contract within 15days from the date of issuance of NoA .			
44.	Signing of contract shall be within 15days from the date of issuance of NOA .			

SECTION III: BIDDING FORMS



Form I: Bidder's Information Form

The Bidder shall fill in this Form in accordance with the instructions indicated below.

Date: [insert date (as day, month and year) of Bid submission]

Tender No.: **MMS0049/2025**

1. Bidder's Legal Name [insert name]				
2. In case of Joint Venture/ Consortium (JV/C) legal name of each member: [insert				
[V/C]				
3. Bidder's or each member of JV/C 's Country of Registration: [insert Country of Registration]				
4. Bidder's or each member of JV/C 's Year of Registration: [insert year of registration]				
5. Bidder's or each member of JV/C 's Legal Address in Country of Registration				
[insert legal address]				
6. Bidder's or each member of JV/C 's Authorized Representative Information (if applicable)				
Name and identity No.: [insert Authorized Representative's name and identity No.]				
Address: [insert Authorized Representative's address]				
Telephone/mobile No.: [insert Authorized Representative's contact No.]				
E-mail Address: [insert Authorized Representative's email]				
Attached are copies of the following original documents:				
[check the box(es) of the attached original documents]				
Articles of Incorporation or Registration of firm or valid Trade license named in 1 above,				
In the case of a JV/C letter of intent to form the JV/C or the JV/C agreement				
In the case of a government owned entity from Bhutan, documents establishing legal and				
financial autonomy and compliance with commercial law				
Power of attorney authorizing the signatory of the Bid to sign on behalf of the Bidder.				
Latest Tax clearance certificates.				



Form II: Bid Submission Form

[The Bidder shall fill in this form in accordance with the instructions indicated. No alterations to its format shall be permitted and no substitutions shall be accepted.]

Date: [insert date of Bid submission]

Tender No.: MMS0049/2025

Alternative No.: [insert number, if this Bid is for an alternative]

To: Material Management Section, DGPC, Phuentsholing.

We, the undersigned, declare that:

17/03/2025

- (a) We have examined and have no reservations to the Bidding Documents, including Addenda No.: [insert the number and date of issue of each addendum];
- (b) We offer to supply in conformity with the Bidding Documents and in accordance with the Delivery Schedules specified in the SCC the following Goods and Related Services: [insert a brief description of the Goods and Related Services];
- (c) The total price of our Bid, excluding any discounts offered in item (d) below is: [insert the Bid Price in words and figures, indicating the various amounts and their respective currencies] [in case of single stage, two envelopes, this clause (c) and (d) shall not be applicable];
- (d) The discounts offered and the methodologies for their application are:

Discounts. If our Bid is accepted, the following discounts shall apply: [Specify in detail each discount offered and the specific item of the Schedule of Supply to which it applies.]

Methodology of Application of the Discounts. The discounts shall be applied using the following methodology: [Specify in detail the methodology that shall be used to apply the discounts];

- (e) Our Bid shall be valid for a period of [insert number] from the date fixed for the Bid submission deadline in accordance with ITB Sub-Clause 26.1, and it shall remain binding upon us and may be accepted at any time before expiry of that period;
- (c) If our Bid is accepted, we commit to provide a Performance Security in accordance with ITB Clause 45 and GCC Clause 16 for the due performance of the Contract;

- (d) We are not participating, as Bidders, in more than one Bid in this bidding process, other than any alternative offers submitted in accordance with ITB Clause 15;
- (e) We, including any subcontractors or suppliers for any part of the Contract, have nationality from eligible countries, viz: [insert the nationality of the Bidder, including that of all parties that comprise the Bidder if the Bidder is a JV/C, and the nationality each subcontractor and supplier]
- (f) We have no conflict of interest pursuant to ITB Sub-Clause 3.2;
- (g) Our firm, its affiliates or subsidiaries including any subcontractors or suppliers for any part of the contract has not been declared ineligible by the Purchaser under the laws or official regulations of Bhutan, in accordance with ITB Sub-Clause 3.4;
- (h) We have read the ITB and GCC carefully, understood and agree to comply with all the clauses which are mentioned therein. In case of any breach of any condition on our part, we shall be liable for actions as per terms and conditions of the Contract.
- (i) We understand that this Bid, together with your written acceptance thereof included in your notification of award, shall constitute a binding contract between us, until a formal contract is prepared and executed.
- (j) We accept the Vendor Performance Management System.

We understand that you are not bound to accept the lowest evaluated Bid or any other Bid that you may receive.

Signed:	[insert signature of person whose n	ame and capacity are sh	own]
In the capacity	of[insert	legal capacity of person	signing the Bid Submission Form]
Name:	[insert complete i	name of person signing t	the Bid Submission Form]
Duly authorize	ed to sign the bid for and on bo	ehalf of:	[insert complete name of Bidde
Dated on	day of	[in	nsert date of signing]

Form III: Bid Security (Bank Guarantee)

[The	Bank shall fill in this Bank Guarantee Form in accordance with the instructions indicated.]
	t Bank's Name, and Address of Issuing Branch or Office]
Tend	er No
Bene	ficiary: [Name and Address of Purchaser]
Date	:
BAN	K GUARANTEE No.:
unde [inser	reference request of the Bidder, we
(a)	has withdrawn its Bid during the period of Bid validity specified by the Bidder in the Form of Bid;
	or
(b)	having been notified of the acceptance of its Bid by the Purchaser during the period of Bid

(b) having been notified of the acceptance of its Bid by the Purchaser during the period of Bid validity, (i) fails or refuses to execute the Contract Form; or (ii) fails or refuses to furnish the Performance Security, if required, in accordance with the Instructions to Bidders.

This guarantee will expire: (a) if the Bidder is the successful Bidder, upon our receipt of copy of the contract signed by the Bidder and the Performance Security issued to you upon the instruction of the Bidder; or (b) if the Bidder is not the successful Bidder, upon receipt of notification of being unsuccessful bidder from the purchaser; or thirty days after the expiration of the Bidder's Bid. Consequently, any demand for payment under this guarantee must be received by us at this office on or before that date.

Form IV: Manufacturer's Authorization

[The Bidder shall require the Manufacturer to fill in this Form in accordance with the instructions indicated. This letter of authorization should be on the letterhead of the Manufacturer and be signed by a person with the proper authority to sign documents that are binding on the Manufacturer. The Bidder shall include it in its bid, if so, indicated in the BDS.]

Date: [insert date of Bid Submission]

Tender No.: [insert tender number]

Alternative No.: [insert identification No if this is a Bid for an alternative]

To: [insert complete name of the Purchaser]

WHEREAS

We [insert complete name of the Manufacturer], who are official manufacturers of [insert type of Goods manufactured], having factories at [insert full address(es) of the Manufacturer's factory/ies], do hereby authorize [insert complete name of Bidder] to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us, namely [insert name and/or brief description of the Goods], and subsequently to negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with GCC Clause 28 with respect to the Goods offered by the above firm.

Signed: [insert signature(s) of authorized representative(s) of the Manufacturer]

Name: [insert complete name(s) of the authorized representative(s) of the Manufacturer]

Title: [insert title(s) of the authorized representative(s) of the Manufacturer]

Duly authorized to sign this Authorization for and on behalf of [insert complete name of the Bidder]

Dated on the [insert number] day of [insert month], [insert year].

Form V: Integrity Pact

This agreement should be a part of the tender document, which shall be signed and submitted along with the tender document. The head of employing agency/or his authorized representative should be the signing authority. For the Bidders, the Bidder himself or his authorized representative must sign the Integrity Pact (IP).

1 General:

This agreement shall be a part of the standard bidding document, which shall be signed by both the parties at the time of purchase of bidding documents and submitted along with the tender document. This IP is applicable only to "large" scale works, goods and services, the threshold of which will be announced by the government from time to time. The signing of the IP shall not apply to framework contracting such as annual office supplies etc.

2 Objectives:

Whereas, the Employer and the Bidder agree to enter into this agreement, hereinafter referred to as IP, to avoid all forms of corruption or deceptive practice by following a system that is fair, transparent and free from any influence/unprejudiced dealings in the **bidding process**¹ and **contract administration**², with a view to:

- 2.1 Enabling the Employer to obtain the desired contract at a reasonable and competitive price in conformity to the defined specifications of the works or goods or services; and
- 2.2 Enabling bidders to abstain from bribing or any corrupt practice in order to secure the contract by providing assurance to them that their competitors will also refrain from bribing and other corrupt practices.

3. Scope:

The validity of this IP shall cover the bidding process and contract administration period.

4. Commitments of the Employer:



The Employer Commits itself to the following: -

- 4.1 The Employer hereby undertakes that no officials of the Employer, connected directly or indirectly with the contract, will demand, take a promise for or accept, directly or through intermediaries, any bribe, consideration, gift, reward, favour or any material or immaterial benefit or any other advantage from the Bidder, either for themselves or for any person, organization or third party related to the contract in exchange for an advantage in the bidding process and contract administration.
- 4.2 The Employer further confirms that its officials shall not favour any prospective bidder in any form that could afford an undue advantage to that particular bidder in the bidding process and contract administration and will treat all Bidders alike.
- 4.3 Officials of the Employer, who may have observed or noticed or have reasonable suspicion shall report to the head of the employing agency or an appropriate government office any violation or attempted violation of clauses 4.1 and 4.2.
- 4.4 Following report on violation of clauses 4.1 and 4.2 by official(s), through any source, necessary disciplinary proceedings, or any other action as deemed fit, including criminal proceedings shall be initiated by the Employer and such a person shall be debarred from further dealings related to the bidding process and contract administration.

5. Commitments of Bidders

The Bidder commits himself/herself to take all measures necessary to prevent corrupt practices, unfair means and illegal activities during any stage of the bidding process and contract administration in order to secure the contract or in furtherance to secure it and in particular commits himself/herself to the following: -

- 5.1 The Bidder shall not offer, directly or through intermediaries, any bribe, gift, consideration, reward, favour, any material or immaterial benefit or other advantage, commission, fees, brokerage or inducement to any official of the Employer, connected directly or indirectly with the bidding process and contract administration, or to any person, organization or third party related to the contract in exchange for any advantage in the bidding process and contract administration.
- 5.2 The Bidder shall not collude with other parties interested in the contract to manipulate in whatsoever form or manner, the bidding process and contract administration.
- 5.3 If the bidder(s) have observed or noticed or have reasonable suspicion that the provisions of the IP have been violated by the procuring agency or other bidders, the bidder shall report such violations to the head of the procuring agency.

Sanctions for Violation:

The breach of any of the aforesaid provisions shall result in administrative charges or penal actions as per the relevant rules and laws.

- 6.1 The breach of the IP or commission of any offence (forgery, providing false information, mis-representation, providing false/fake documents, bid rigging, bid steering or coercion) by the Bidder, or any one employed by him, or acting on his/her behalf (whether with or without the knowledge of the Bidder), shall be dealt with as per the terms and conditions of the contract and other provisions of the relevant laws, including De-barment Rules.
- 6.2 The breach of the IP or commission of any offence by the officials of the procuring agency shall be dealt with as per the rules and laws of the land in vogue.

7. Monitoring and Administration:

- 7.1 The respective procuring agency shall be responsible for administration and monitoring of the IP as per the relevant laws.
- 7.2 The bidder shall have the right to appeal as per the arbitration mechanism contained in the relevant rules.

We, hereby declare that we have read and understood the clauses of this agreement and shall abide by it.

The parties hereby sign this Integrity Pact at (place)	on (date)		
Affix Legal Stamp	Affix Legal Stamp		
EMPLOYER	BIDDER/REPRESENTATIVE		
CID: 1 2 0 0 6 0 0 1 0 6 0 CID:			
Witness:	Witness:		
Name: Chimi Rinzin Executive Engineer (E)	Name:		

Form VI: Deviation Schedule

The Bidder shall specify below, in detail, all deviations from and exceptions to the Bid Document. Any entry shall be referenced to the clause to which they refer.

The Bidder shall be deemed to be compliant with the content and intent of the Bid Document except in respect of deviations and exception listed in this Schedule.

Clause No.	Details of Deviation/ Exception	Reasons for Deviation/ Exception		
	T.F.			

In case of NO DEVIATION mentioned here and deviation of clauses/specification is mentioned elsewhere, then it will be taken as a deviation.

Place & Date _



Form VII: Price Schedule Form

[The Bidder shall fill in these Price Schedule Forms in accordance with the instructions indicated. The format of the Price Schedule may be changed as per the Purchaser's requirement]

Sl. No.	Description of Goods	Place of origin	Quantity	Unit	Unit Price (BTN)	Total Price (BTN)
Price Schedule attached						
	Total Price					

Name of Bidder [insert complete name of Bidder] Signature of Bidder [signature of person signing the Bid] Date [insert date]



Price Schedule - Related Services I applicable

SN	Description of Services	Quantity	Unit	Unit Price	Total Price (BTN)
				(BTN)	

Total Bid Price

Name of Bidder [insert complete name of Bidder] Signature of Bidder [signature of person signing the Bid] Date [insert date]



Form VIII: Technical Specifications (If applicable)

Item No	Name of Goods or Related Service	Technical Specifications and Standards

Drawings (if applicable)

These Bidding Documents include "no" drawings or as per Price Schedules



SECTION IV: GENERAL CONDITIONS OF CONTRACT (GCC) – IN SEPARATE DOCUMENT



SECTION V: SPECIAL CONDITIONS OF CONTRACT (SCC)

The follow	ing Special Conditions of Contract (SCC) shall supplement and/or amend the General					
	of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail					
	in the (GCC).					
Reference t	to the GCC is made as under:					
1.1.18	Final Destination(s) is: [Material Management Section, DGPC, Phuentsholing]					
1.1.19	The Purchaser is: [Material Management Section, DGPC, Phuentsholing]					
1.3.5 (a)	The meaning of the trade terms shall be as prescribed by Incoterms. If the					
	meaning of any trade term and the rights and obligations of the parties there under					
	shall not be as prescribed by Incoterms, they shall be as prescribed by:					
	[Incoterm 2020]					
4.0.5(1.)						
1.3.5(b)	The term CIP and other similar terms shall be as per the version of Incoterms 2020.					
4.5.4						
1.5.1	The language shall be "English"					
1.7.1	For notices, the addresses shall be:					
	For the Purchaser:					
	Attention: Chimi Rinzin					
	Address: Material Management Section, Procurement Unit, DGPC					
	Telephone: 00975 05 254386					
	E-mail address: c.rinzin840@drukgreen.bt					
3.2.1	The amount of the Performance Security shall be 10% of the contract value, if each					
J.2.1	contract value is above Nu. 0.50 Million prior to signing of contract.					
	OR					
	In case of contract value up to Nu.0.50 million, the purchaser shall retain 10% of					
	contract value in place of performance security against each supply. The retention					
	money/performance security shall be released within 30 days from the date of					
	completion of warranty period (if applicable), or within thirty (30) days from the date					
	of complete delivery of all items.					
3.2.3	The types of acceptable Performance Securities and validity are:					
3.2.3	(a) Performance security:					
	(i) Unconditional bank guarantee issued by a reputable financial institution acceptable to any					
	banks in Bhutan, in the form provided for in the Contract or in any other form acceptable					
	to the purchaser:					
ar Co	(ii) Cash warrant, or					
Powerson						
10/3	(iii) Demand Draft or (as applicable)					

-	
3.3.1 5.2.1	(b) Validity of performance security: The Performance Security shall be valid thirty (30) days beyond the successful completion of the Supplier's performance obligations under the Contract, including the completion of the warranty period under the Contract and for any extension thereto. It shall serve as a guarantee that the Supplier will perform his contractual obligations under the Contract till the warranty period Subcontracting shall be ["not allowed"] The inspections and tests shall be: In case of any anomalies during test/ check,
	decision made by the end-user shall be final and binding.
5.2.2	Inspections and tests shall be conducted at: Final point of delivery.
6.1.1	The time for Delivery shall be 90 days from date of notification of award or purchase order. Details of Shipping and other Documents to be furnished by the Supplier are: Invoice & Challan, etc.
6.3.1	The applicable rate for liquidated damages for delay shall be 0.30% per day of delay with a maximum of 10% (ten) percent of the total value of the delayed goods or unperformed services
7.1.3	The warranty shall be valid for 365 days after the goods have been delivered and accepted at the final destinations (BHP, CHP, CO, HRDC, KHP, THP) or as per manufacturer's warranty period. (if applicable)
7.1.4 & 7.1.5	The period for repair or replacement shall be: 30 days.
9.1.1 a)	The prices charged for the Goods supplied and the related Services performed "shall not" be adjustable.
9.2.1	Terms of payment shall be: 100% payment shall be made promptly by DGPC, no later than thirty (30) days after the receipt of goods along with invoices and documents in accordance with Error! Reference source not found2 provided that the documents are compliant with all the requirements of DGPC. In case of incomplete/ non-compliant invoices and documents, DGPC shall ask the Supplier to re-submit the invoices and documents with full compliance.
9.3.4	Tax Deducted at Source (TDS) from Bhutanese Bidders shall be [2 %] from the gross amount of bills.
13.1.1	Responsibility for transportation of the Goods shall be as specified in the Incoterms.
13.2.2	The packing, marking and documentation within and outside the packages shall be as per GCC 13.2.
14.1.15 men	The insurance coverage shall be as specified in the Incoterms 2020.

17/03/2025

15.1.2	
	Contract with a Bhutanese Supplier:
	In the case of a dispute between the Purchaser and a Bhutanese Supplier, the
	dispute shall be referred to adjudication or arbitration in accordance with
	Alternative Dispute Resolution Act of Bhutan 2013.



SECTION VI: CONTRACT FORMS



Form I: Contract Agreement

[The successful Bidder shall fill in this form in accordance with the instructions indicated]

THIS AGREEMENT is made on the [insert number] day of [insert month], [insert year],

WHEREAS the Purchaser invited Bids for certain Goods and related services, viz., [insert brief description of Goods and Services] and has accepted a Bid by the Supplier for the supply of those Goods and Services for a total sum of [insert Contract Price in words and figures, expressed in the Contract currency/ies] (hereinafter called "the Contract Price").

NOW THIS AGREEMENT WITNESSETH AS FOLLOWS:

- 1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract referred to.
- 2. The following documents shall constitute the Contract between the Purchaser and the Supplier, and each shall be read and construed as an integral part of the Contract, viz.:
 - (a) This Contract Agreement;
 - (b) Performance Security;
 - (c) Integrity Pact;
 - (d) The Purchaser's Notification of Award of Contract;
 - (e) Minutes of Contract Negotiation Meeting (if any);
 - (f) The Special Conditions of Contract;
 - (g) The General Conditions of Contract;
 - (h) Technical Requirements (including Schedule of Supply and Technical Specifications.)
 - (i) The Supplier's Bid and original Price Schedules;
 - (h) [Insert here any other document(s) forming part of the Contract]
- 3. This Contract shall prevail over all other Contract documents. In the event of any discrepancy or inconsistency within the Contract documents, then the documents shall prevail in the order listed above.

- 4. In consideration of the payments to be made by the Purchaser to the Supplier as hereinafter mentioned, the Supplier hereby covenants with the Purchaser to provide the Goods and Services and to remedy defects therein in conformity in all respects with the provisions of the Contract.
- 5. The Purchaser hereby covenants to pay the Supplier in consideration of the provision of the Goods and Related Services and the remedying of defects therein, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused this Agreement to be executed in accordance with the laws of Bhutan on the day, month and year indicated above.

For and on behalf of the Purchaser

Signed: [insert signature, affix legal stamp] in the capacity of [insert title or other appropriate designation]

in the presence of [insert signature] [insert identification of official witness]

For and on behalf of the Supplier

Signed: [insert signature of authorized representative(s) of the Supplier, affix legal stamp] in the capacity of [insert title or other appropriate designation]

in the presence of [insert signature] [insert identification of official witness]



Form II: Contract Performance Security

[The bank, as requested by the successful Bidder, shall fill in this form in accordance with the instructions indicated]

Date: [insert date (as day, month, and year) of Bid submission]

Tender No. [insert tender number]

Name of the Tender: [insert name of the tender]

Bank's Branch or Office: [insert complete name of Guarantor]

Beneficiary: [insert complete name of the Purchaser]

PERFORMANCE GUARANTEE No.: [insert Performance Guarantee number]

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum(s) not exceeding [insert amount(s)] in figures and in words] upon receipt by us of your first demand in writing declaring the Supplier to be in default under the Contract, without cavil or argument, or you needing to prove or to show grounds or reasons for your demand or the sum specified therein.

This Guarantee shall expire no later than the [insert day/ month/ year], and any demand for payment under it must be received by us at this office on or before that date. We agree to a one-time extension of this Guarantee for a period not to exceed [six months]/[one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

[signatures of authorized representatives of the bank and the Supplier]

Date established in accordance with Clause 16.4 of the General Conditions of Contract ("GCC"). The Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the Bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee.



The Bank shall insert the amount(s) specified in the SCC and denominated, as specified in the SCC, either in the currency(ies) of the Contract or a freely convertible currency acceptable to the Purchaser.

Form III: Bank Guarantee for Advance Payment

[The bank, as requested by the successful	Bidder, shall fill in this form in accordance with the instructions indicated.
Date:	
Tender No	[insert tender number]
Name of the Tender:	[insert name of the tender].
Bank's Branch or Office	[insert complete name of Guarantor]
Beneficiary:	[insert Name and address of the Purchaser]

ADVANCE PAYMENT GUARANTEE No.: [insert Advance Payment Guarantee no.]

At the request of the Supplier, we hereby irrevocably undertake to pay you any sum or sums not exceeding in total an amount of [insert amount(s)] in figures and words] upon receipt by us of your first demand in writing declaring that the Supplier is in breach of its obligation under the Contract because the Supplier used the advance payment for purposes other than toward delivery of the Goods.

It is a condition for any claim and payment under this Guarantee to be made that the advance payment referred to above must have been received by the Supplier in its account [insert account number and domicile of the account]

This Guarantee shall remain valid and in full effect from the date of the advance payment received by the Supplier under the Contract until [insert date²]. We agree to a one-time extension of this Guarantee for a period not to exceed [six months]/[one year], in response to the Purchaser's written request for such extension, such request to be presented to us before the expiry of the Guarantee.

|signature(s) of authorized representative(s) of the bank|

- 1 The bank shall insert the amount(s) specified and denominated in the Notification of Award,
- Insert the Delivery date stipulated in the Contract Delivery Schedule, the Purchaser should note that in the event of an extension of the time to perform the Contract, the Purchaser would need to request an extension of this Guarantee from the bank. Such request must be in writing and must be made prior to the expiration date established in the Guarantee.



PRICE SCHEDULE

	Material	Description		UOM	Ul	NIT RATE	Total	Brand/	Country
SN	Code		Qty		In Figure	In Words	Amount	Make	Of Origin
1	EMCIARAR 2000005156	Timer + Socket- KTM-1F, ON delay, 0-60sec	12	NO				EAPL/ Equivalent or Higher	
2	EMCIARAR 2000005809	Thermal over load relay, 3UA58, 1NO+1NC	4	NO				Siemens/ Equivalent or Higher	
3	EMCIARAR 2000002385	On delay timer, 0-10sec, 240VAC,2NO+2NC, 20/ADTS	6	NO				Siemens/ Equivalent or Higher	
4	EMCIARAR 2000018782	Undervoltage Control Relay, 3 phase 380-480Vac, 2 C/O, RM22TU23	12	NO				Schneider Equivalent or Higher	
5	EMCIARAR 2000011342	Aux. relay, 0630B, O/E/N	15	NO				OEN/ Equivalent or Higher	
6	EMCIARAR 2000009580	Auxiliary relay, 4R-3-220D, 220VDC, 10A, with diode across coil, coil resistance 30K Ohms, 3C/O contacts	10	NO				OEN/ Equivalent or Higher	
7	EMCISWLI 2000006321	Limit switch,10A, 2NO+2NC	6	NO				To be Specified	
8	EMCIAILH 2000005182	Annun. indicator: UC625-28RD-HH-024D-R, Specifications: Supply-1: 88-360VDC/88-265VAC, Supply-2: 88-360VDC/88-265VAC, LED: red, Channels 1-28	2	NO				Eaton MTL- RTK instruments/ Equivalent or Higher	

	Material	Description	Qty	UOM	UN	IIT RATE	Total	Brand/ Make	Country Of Origin
SN	Code				In Figure	In Words	Amount		
9	EMCIAILH 2000011824	LED Indication lamp 220/240V (Red)	20	NO				Delcom/ Equivalent or Higher	
10	EMCIAILH 2000009533	LED indication lamp,220-230V, AC/DC Blue	20	NO				Delcom/ Equivalent or Higher	
11	EMCIAILH 2000006586	Indication lamp, 230V AC/DC (Green)	20	NO				Delcom/ Equivalent or Higher	
12	EMCIAILH 2000005101	LED Indication lamp 220/240V, AC/DC, yellow, CANDS EMERALD-L	20	NO				Delcom/ Equivalent or Higher	
13	EMCICOCO 2000006011	Power contactor-3TF-55, coil: 240VAC, 3pole, 2NO+2NC	15	NO				Siemens/ Equivalent or Higher	
14	EMCICOCO 2000006012	Power contactor-3TF-53, coil: 240VAC, 3pole, 2NO+2NC	10	NO				Siemens/ Equivalent or Higher	
15	EMCICOSP 2000019790	Auxiliary contact block, BCXMF10, single pole with 1 normally open (NO) contact and compatible for GE CL series contactor	12	NO				To be Specified	
16	EMCICOSP 2000019791	Auxiliary contact block, BCXMF101, single pole with 1 normally close (NC) contact and compatible for GE CL series contactor	12	NO				To be Specified	



	Material	Description		UOM	UN	NIT RATE	Total	Brand/	Country
SN	Code		Qty		In Figure	In Words	Amount	Make	Of Origin
17	EMCIPBPB 2000018783	Pushbutton with LED lamp, 220 V AC/DC, with 1 NO & 1 NC contact block, Size; 22mm, Color: Green	40	NO				Schinider/ Equivalent or Higher	
18	EMCIPBPB 2000018784	Pushbutton with LED lamp, 220 V AC/DC, with 1 NO & 1 NC contact block, Size; 22mm, Color: Red	40	NO				Schinider/ Equivalent or Higher	
19	EMCIARAR 2000017848	Power Slim Relay 24VDC 6A/240VAC	2	NO				To be Specified	
20	EMCIARAR 2000017850	Frequency Inverter Drive, Input: 380, DIC-4-014-E-0000-03 input:380 V-15%/ 480V+10% 50-60Hz/3ph 14.2A. Output: 0-Uniput, 0-300 Hz, 3ph. 5.5kW, 50Hz.	1	NO				To be Specified	
21	EMCIARAR 2000017852	Electronic Circuit Breaker, CBMC E4 24DC, Electronic Circuit Breaker, CBMC E4 24DC/1-10A. Input:24VDC, output 1- 10A	1	NO				Phoenix Contact/ Equivalent or Higher	
22	EMCIRERE 2000017862	Braking Resistor, Wire wound 28, (Details attached)	1	NO				Bonens, Yesdee/ Equivalent or Higher	
23	EMCPPTPT 2000015958	Control Transformer, 415/110V, 50VA	1	NO				Delcom/ Equivalent or Higher	
24	EMCPPASP 2000019352	Stabilizer Single Phase 24V/5A, 6EP1334-1LB00, SMPS, SITOP PSU100L	2	NO				To be Specified	

	Material	Description			UNIT RATE		Total	Brand/	Country
SN	Code		Qty	UOM	In Figure	In Words	Amount		Of Origin
25	EMLALASP 2000017688	Surge Protective Device, Type-2, Pluggable for 3 phase AC (Detail attached)	2	NO				Mersen/ Equivalent or Higher	
26	EMLALALA 2000019109	Surge Arrester, Bowthorpe EMP, Surge Arrester, DA1-30G/UC- 24kV& UR-30kV	6	NO				To be Specified	
27	EMCISWLI 2000019347	Limit Switch 10A/600VAC, ZLDA01A2Y,	4	NO				To be Specified	
28	EMTRPTPT 2000009786	Sensing transformer 3 phase, 500/110V, Burden 100 VA Class 1.0 (suitable for 1250 kVA DG sets)	1	NO				Kalpa Electrical / Equivaent or Higher	
29	EMCIPMPM 2000006643	Motorised potentiometer, 5K, 24V DC, with Base mounted.	1	NO				Kiloskar/ Equivalent or Higher	
30	EMLALALA 2000016517	Lighting Arrester, 12kV, COV10.2kV, Frequency50Hz, Short circuit withstand current 16kA	6	NO				Lamco/ Equivalent or Higher	
31	EMCMININ 2000006394	Water leakage detector, HAN-00, IP67, (Electronic Level Control Fill Level Limit Switch)	4	NO				Niveau Control/ Equivalent or Higher	



	Material	Description		UOM	U	NIT RATE	Total	Brand/	Country
SN	Code		Qty		In Figure	In Words	Amount	Make	Of Origin
32	EMCMECSP 2000004269	Converter AC-DC, 240VAC/24VDC, 5A, A/24VDC 5A, Single Output Switching Power Supply (SMPS) (S-120-24V) Input voltage Range: 110-220VAC DC Output Voltage: 24V ±1% Rated output current: 5A, Size: 199×98×38mm, Weight: 0.63kg, High efficiency, compact design, multiple, DC output options. Certifications: CE, RoHS	5	NO				Quantum/ Equivalent or Higher	
33	EMCPGPME 2000015277	DC Ammeter 0-100A, Cl-1.0, 96x96mm	3	NO				Rishabh/ Equivalent or Higher	
34	EMCPGPRL 2000009764	High Speed Tripping Relay TR241 H2 Electrical/Hand Reset High Speed Trip Relay 220V DC "	1	NO				Easun Reyrolle/ Equivalent or Higher	
35	EMCPGPRL 2000009765	Supply supervision relay AC, AR101, Auxiliary Relay	2	NO				Easun Reyrolle/ Equivalent or Higher	
36	EMCPGPRL 8000004245	Feeder Management Relay P141 Type 1	1	NO				Alstom/ Equivalent or Higher	
37	EMCPGPRL 8000004287	Bus Bar Protection Relay P746	1	NO				Alstom/ Equivalent or Higher	
38	EMCPGPRL 8000004247	Transformer Protection Relay P642	1	NO				Alstom/ Equivalent or Higher	

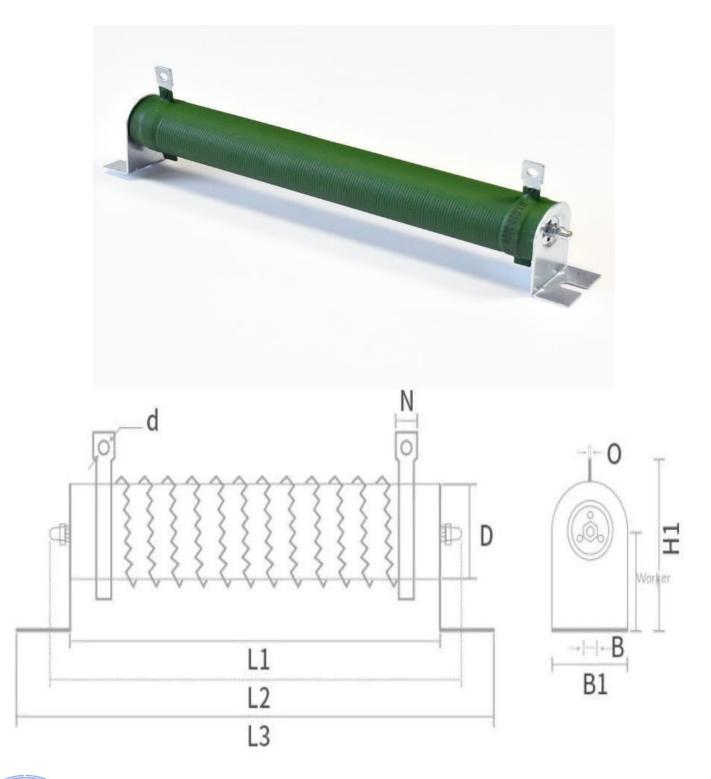
	Material	Description			Uì	NIT RATE	Total		Country
SN	Code		Qty	UOM	In Figure	In Words	Amount		Of Origin
39	EMCPSURL 2000000835	Synchro check relay, CDSR20,100V	2	NO				Compact Electric / Equivalent or Higher	
40	EMCPFPRL 2000019810	Supervision relay (SPER 1B1C4), Supervision+L5+L5, G4:J5	2	NO				ABB/ Equivalent or Higher	
41	EMCPFPRL 2000019811	Gen. Current Transducer (0-60mv,4-20mA, Aux volt-110DC	1	NO				SINEX TV809 / Equivalent or Higher	
42	EMCPFPRL 2000019812	Gen. Current Transducer (0-60mv, Aux volt- 24VDC,4-20mA	1	NO				CEWE Instrument / Equivalent or Higher	
43	EMCPPASP 2000005011	Electronic panel fan-1203HBT-2R, 230VAC	10	NO				Rexnord/ Equivalent or Higher	
44	EMCPFPME 2000000813	Ammeter, range: 0-300/600A, 50Hz, CTR: 300/1A, accuracy class: 1.5, Size: 96x96mm	1	NO				To be specified	
45	EMCPGPME 2000000766	DC ammeter 0-600VDC, FSD:2400C, 96mm2, 4-20mA, moving coil type	5	NO				To be specified	
46	EMCMCA 20000006409	Digital flow meter, DN40, DIN PN10, IP67, including SITRANS FM MAG 5100 W sensor and SITRANS FM MAG 5000 HART transmitter, 4-20mA analog output, auxiliary supply: 230V	5	NO				Siemens/ Equivalent or Higher	

03. T	Material		Qty	UOM	U	NIT RATE	Total		Country
SN	Code	Description			In Figure	In Words	Amount		Of Origin
47	EMCMCA 20000006410	Digital flow meter, DN50, DIN PN10, IP67, including SITRANS FM MAG 5100 W sensor and SITRANS FM MAG 5000 HART transmitter, 4-20mA analog output, auxiliary supply: 230V	4	NO				Siemens/ Equivalent or Higher	
48	EMCMCA 20000006411	Digital flow meter, DN300, DIN PN10, IP67, including SITRANS FM MAG 5100 W sensor and SITRANS FM MAG 5000 HART transmitter, 4-20mA analog output, auxiliary supply: 230V	4	NO				Siemens/ Equivalent or Higher	
49	EMCMCA 20000006412	Digital flow meter, DN400, DIN PN10, IP67, including SITRANS FM MAG 5100 W sensor and SITRANS FM MAG 5000 HART transmitter, 4-20mA analog output, auxiliary supply: 230V	2	NO				Siemens/ Equivalent or Higher	
						Total amount			

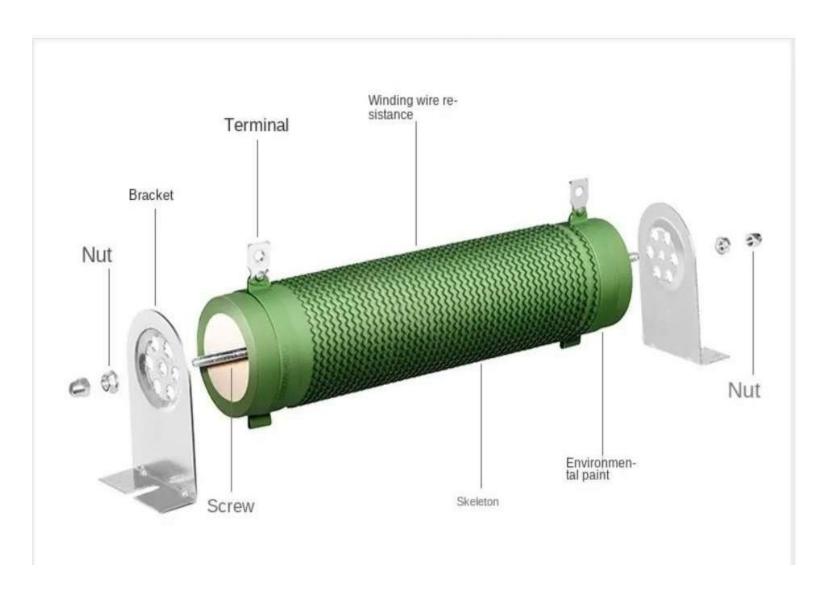
Total amount in words:-



 $\label{eq:condition} \mbox{(Price Schedule Sl. No. 22)}$ Braking resistor, Wire wound- $55~\mbox{ohms}$ - $5.5~\mbox{kW}$









Temper ature	Resis- tance		Dimensions (mm)									Resis- tance	Rated								
Coeffi- cient	Precision	d	N	H1±5	H±5	B1	В	D±2	L3±3	L2±5	L1±2	Range (Ω)	Power (w)								
	±5%	±5%	6	12	80	40	40	7	40	307	287	270	0.1-20K	300							
						6	12	80	40	40	7	40	340	320	300	0.1-20K	400				
						6	14	90	45	50	7	50	340	320	300	0.1-50K	500				
				6	14	90	45	50	7	50	340	320	300	0.1-50K	600						
			6	16	110	55	60	7	60	355	330	300	0.1-60K	800							
			±5%	±5%	±5%	±5%				6	16	130	65	70	8	70	355	330	300	0.1-100K	1000
							6	16	130	65	70	8	70	415	390	360	0.1-100K	1200			
							±5%	6	16	130	65	70	8	70	470	450	420	0.1-120K	1500		
±250								6	16	130	65	70	8	70	560	540	510	0.1-200K	2000		
ppm	(J)	6	16	130	65	70	8	70	560	540	510	0.1-200K	2500								
		6	16	150	75	80	80	80	500	460	430	0.1-200K	3000								
		7	16	190	95	100	10	100	465	440	400	0.1-200K	4000								
		7	16	190	95	100	10	100	560	540	500	0.1-200K	5000								
		7	16	190	95	100	10	100	660	640	600	0.1-200K	6000								
		7	16	190	95	100	10	100	660	640	600	0.1-200K	8000								
		15	25	270	135	150	11	150	680	640	600	0.1-200K	10000								

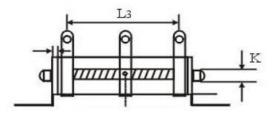


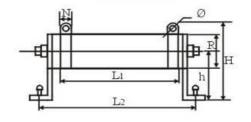


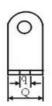
High Power Wirewound Resistor(HPR)











功率	阻值范围	阻值精度	温度系	尺 寸 (mm) Rimensions(mm)										
Power	Resistance range	Resistance Toletance	数 РРМ/℃	R±1	Li±3	L2±3	h±3	H±3	N±1	ر1	q±1	Q±1	K±1	L3±2
10W	0.12Ω-12ΚΩ	±5%	±250	15	45	61	20	40	6	3	4.5	15	6	20
15W	0.12Ω-15ΚΩ	±5%	±250	17	45	61	20	40	6	3	4.5	15	6	20
20W	0.12Ω-20ΚΩ	±5%	±250	17	50	78	26	52	6	3	5	20	6	30
30W	0.12Ω-25ΚΩ	±5%	±250	20	70	100	26	52	6	3	5	20	6	38
40W	0.12Ω-30ΚΩ	±5%	±250	21.5	90	115	26	52	6	3	5	20	6	48
50W	0.12Ω-40ΚΩ	±5%	± 250	28	90	115	30	65	9	4	6	27	7	60
70W	0.2Ω43ΚΩ	±5%	± 250	28	140	166	30	65	9	4	6	27	7	105
80W	0.3Ω-50ΚΩ	±5%	±250	28	140	166	30	65	9	4	6	27	7	105
100W	0.5Ω-60ΚΩ	±5%	±250	28	170	200	30	65	9	4	6	27	7	130
150W	1Ω-80ΚΩ	±5%	±250	28	215	241	30	65	9	4	6	27	7	170
200W	1.3 Ω -100ΚΩ	±5%	± 250	28	267	290	30	65	9	5	6	27	7	210
250W	1.8 Ω -120ΚΩ	±5%	±250	28	300	330	30	65	9	5	6	27	7	250
300W	2.2Ω-150ΚΩ	±5%	±250	40	265	330	46	90	10	5	6	39	8	210
350W	2.7Ω-130Ω	±5%	±250	35	300	330	46	90	10	5	6	39	8	250
400W	3.3 Ω -180ΚΩ	±5%	±250	40	328	360	46	90	10	5	6	39	8	270
500W	3.9 Ω -200ΚΩ	±5%	± 250	50	400	368	45	90	10	5	8	49	9	330
600W	4.3 Ω -220ΚΩ	±5%	±250	50	430	438	45	90	10	5	8	49	9	350
700W	4.3 Ω -240ΚΩ	±5%	±250	50	430	498	45	90	10	5	8	49	9	350
1000W	4.7Ω-47ΚΩ	±5%	±250	60	430	485	64	130	15	5	6	59	9	350
2000W	5.1Ω-51ΚΩ	±5%	±250	70	430	490	76	145	15	5	8	69	9	350
3000W	5.1 Ω -100ΚΩ	±5%	±250	100	430	490	76	145	15	5	8	69	10	350
4000W	4.7Ω-47ΚΩ	±5%	±250	110	430	490	64	130	15	5	6	49	10	350
5000W	5.1Ω-51ΚΩ	±5%	±250	120	430	490	64	130	15	5	6	49	10	350
10000W	5.1 Ω -100ΚΩ	±5%	±250	150	615	641	130	365	30	8	10	150	10	350

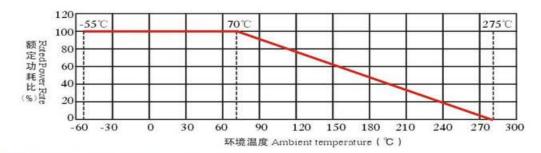
Http://www.jdcresistors.com

Email:tom@jdcresistors.com





● 降功耗曲线图 Rated Power Derating Curve:



●性能测试 Performance Test:

测试项目 Test Item	测试条件 Test Condition	性能 Performance		
温度系数 Temperature coefficient	The resistance value at normal temperature and normal temperature added 1004;			
短时间过负荷 Short time overload				
耐焊接热 Resistance to soldering heat				
可焊性 Solderadility	在235±3℃的锡炉中浸入2-3秒。 Immerge into the 235±3℃ tin stove for 2~3 seconds	焊锡面积覆盖率95%以上 The soldering area is over 95%		
温度循环 Temperature cycling	MADE TO THE TENED OF THE PERSON OF THE PERSO			
耐湿负荷寿命 Load life in humidity				
耐温负荷寿命 Load life in heat	在 70 ± 2 °C恒温恒湿箱中施加额定电压或最大工作电压(取较小者)1000小时(通1.5小时,断0.5小时)。Overload rated voltage or Max. Wording voltage (get hhe lower) for 1000 hours (1.5 hours on and half-hour off) at the 70 ± 2 °C。	$\triangle R \le \pm (5\%R_* +0.05\Omega)$		
难燃性 Nonflammability	分别按5、10、16倍额定功率加交流负荷5分钟。Respectively load AC voltage by 5、10、16 times rated power for 5 minimites。	不可有明显火焰 No visible flame		

●料号规则 Part No. Regulation:

HPR	50B	1	О	D002	10R00
产品名称Produce Name	功率Power	精度T01.	特殊码 Special	图纸号 Drawing No.	阻值 Ohm
High power wirewound resistors	25B=25W 50B=50W 100=100W 500=500W A00=1000W A50=1500W B00=2000W	J=±5% K=±10%	Code	Drawing No.	0R100=0.1 Ω 0R220=0.22 Ω 10R00=10 Ω 100R0=100 Ω 10K00=10K Ω

Http://www.jdcresistors.com

Email:tom@jdcresistors.com



(Price Schedule Sl. No. 25)

Surge Protective Device, Type-2

Nominal voltage Un: 120V 230V 400V

Max. continuous operating voltage Uc: 150V 275V 320V 385V 440V Type 2+3 / Class

II+III / Class C+D

Nominal discharge current (8/20 μ s) $I_n = 10kA$ @ Type 2

Open circuit voltage (1.2/50 μ s) $U_{oc} = 20$ kV @ Type 3

Protective elements: Metal Oxide Varistor (MOV), Gas Discharge Tube (GDT)



