

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE
VIKRAM SARABHAI SPACE CENTRE (VSSC)
THIRUVANANTHAPURAM**

**Tender for Design, fabrication, testing, supply, installation and
commisioning of pulse power supply**

Bids to be submitted online

**Tender No.: VSSC/PURCHASE UNIT V (MME PURCHASE)/VS202200277701 dated
15-05-2023**

A. Tender Details

Tender No :	VSSC/PURCHASE UNIT V (MME PURCHASE)/VS202200277701
Tender Date :	15-05-2023
Tender Classification:	GOODS
Purchase Entity :	PURCHASE UNIT V (MME PURCHASE)
Centre :	VIKRAM SARABHAI SPACE CENTRE (VSSC)

Design, fabrication, testing, supply, installation and commisioning of pulse power supply

This is a PT Two-part tender, Technical & Commercial part (Part I) and Price Part (Part II) shall be submitted separately. The tenderers should not attach any documents containing Price information along with Technical & Commercial Bid (Part I).

- 1.Only Class I and Class II Local suppliers as per Make in India Policy are eligible to participate in the bid.
- 2.Foreign vendors are not permitted to quote.
- 3.The percentage of Local content should be specifically mentioned in the offer, without which it will be summarily rejected.
- 4.Preference will be given to Class I Local Supplier and in their absence, Class II Local Suppliers will be considered.
- 5.GST No. Our Goods & Service Tax (GST) Registration No.32AAAGV0026J1ZL.
- 6.GSTIN, Rate & HSN Code: Vendors registered under GST shall mention their GSTIN, applicable rate and HSN code wherever necessary as per GST Law.
"In line with Notification No. 01/2017 Central Tax (Rate) dated 28/06/2017, as amended by Notification No. 06/2018 Central Tax (Rate) dated 25/01/2018 and Notification No. 24/2018 Central Tax (Rate) dated 31/12/2018 and corresponding SGST Rate Notifications, GST rate for the goods at Sl. No. 243 B Scientific and technical instruments, apparatus, equipment, accessories, parts, components, spares, tools, mock up and modules, raw material and consumable required for Launch Vehicles and Satellites and Payloads is 2.5% CGST and 2.5% SGST. IGST is charged at 5 % in terms of Notification No. 01/2017 IGST dated 28/06/2017 as amended by Notification No. 07/2018 IGST dated 25/01/2018 and Notification No. 25/2018 IGST dated 31/12/2018, necessary IGST/CGST/SGST concession certificate shall be issued".
- 7.Preferred Delivery: NOT APPLICABLE.
- 8.Customs Duty: Not Applicable.

- 9.Free Issue Material (FIM): N/A
- 10.Guarantee & replacement: Our requirement of Guarantee is 1 year.
- 11.Performance Bank Guarantee (PBG): PBG @ 3% of order value to be submitted in the form of Bank Guarantee from a Scheduled Bank, valid till successful completion of all contractual obligations, including the warranty period, in case PO/Contract is awarded.
- 12.Security Deposit: SD will be applicable if the Purchase Order value is above Rs.5 lakhs. SD @ 3% of order value to be submitted in the form of Bank Guarantee from a Scheduled Bank, valid till successful completion of PO / Contract, if awarded.
- 13.Consolidated SD cum PBG: If both SD and PBG are applicable, a Consolidated SD cum PBG for 3% order value can be submitted in the form of Bank Guarantee from a Scheduled Bank, valid till successful completion of all contractual obligations, including the warranty period.
- 14.Liquidated Damages Clause: The delivery period should be realistic. The delivery period so quoted and mentioned in the order is the essence of the PO/Contract. In case of delay in delivery of material as per the delivery schedule, LD @ 0.5% per week or part thereof on the undelivered portion subject to a maximum of 10% of the contract value shall be levied. Wherever installation & commissioning is also involved, the supply will be deemed to have been completed only when the entire Stores is supplied, installed and accepted.
- 15.LD, Warranty, PBG, SD clauses are mandatory and offer without acceptance of these clauses will not be considered for evaluation.
- 16.Delivery terms : Our standard delivery term is FOR, VSSC Trivandrum. In case any vendors offer delivery term of Ex Works, Packing & Forwarding charges, if any, should be indicated separately either as a percentage of the quoted rate or as a lumpsum amount.
- 17.Payment terms: Our standard payment term is 100% within 30 days on receipt and acceptance of item at our site.
- 18.All registered MSME vendors are requested to provide their Registration and Ownership details.
- 19.Vendors may please note that MSMEs are not exempted from the submission of Security Deposit.
- 20.Vendors shall provide the name, address, email ID and contact number of authorized official in order to contact in case of need.
- 21.PO will be placed on technically and commercially suitable lowest offer basis and VSSC reserves the right to split the order on L1 basis.
- 22.If any vendor submits forged / false documents along with the tender, offer of such vendors will be summarily rejected and such bidders will be blacklisted for all future tenders.
- 23.Tenders are not transferrable and in case any vendor is not interested or able to submit their tenders, such vendors may send their regret letter.
- 24.VSSC has the right to cancel the tender without assigning any reason etc.
- 25.GST extra as applicable within the delivery period. In case of any exemption being issued by the Government from time to time, necessary exemption certificate shall be provided on demand.
26. Wherein PFMS Number is not available, please provide IFSC Code, Bank Details etc, and upload Copy of Personalized cheque leaf in the name of the Purchase Vendor or NEFT Mandate form duly endorsed by the Bank of the Vendor
- 27.Copy of latest filed tax returns
- 28.Details of registration Number, PAN Card, GST, TIN, NSIC, MSME registration etc.

29.The address of registered site works / workshop / etc.

30.Last minute clarification on tenders will not be entertained.

31.If a vendor is not able to submit bid against this tender due to any reason, such vendor is requested to post their REGRET message in the eprocurement portal with clear reasons or email to spso_mme_pur@vssc.gov.in. Non submission of bids without regrets will be viewed seriously.

CONDITIONS FOR BIDDER FROM A COUNTRY WHICH SHARES LAND BORDERS WITH INDIA

1.Any bidder from a country which shares a land border with India will be eligible to bid in this tender, only if the bidder is registered with the Competent Authority. Competent Authority for the purpose of registration shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

2.Validity of Registration: Registration should be valid at the time of submission of bids and should be valid at the time of placement of order

3.Any false declaration and non compliance of the above would be a ground for immediate rejection of offer or termination of the contract and further legal action in accordance with the laws.

A.1 Tender Schedule

Bid Submission Start Date : **15-05-2023 17:00**

Bid Clarification Due Date : **16-06-2023 16:00**

Bid Submission Due Date : **23-06-2023 14:00**

Bid Opening Date : **23-06-2023 14:10**

Price Bid Opening Date : **31-07-2023 14:00**

B. Tender Attachments

NA

Instructions To Vendors

1. Conditions for BIDDER FROM A COUNTRY WHICH SHARES LAND BORDER WITH INDIA

1. Any bidder from a country which shares a land border with India will be eligible to bid in this tender, only if the bidder is registered with the Competent Authority.

Competent Authority for the purpose of registration shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

2. Any false declaration and non-compliance of the above would be a ground for immediate rejection of offer or termination of the contract and further legal action in accordance with the laws.

3.

Validity of Registration: Registration should be valid at the time of submission of bids and should be valid at the time of placement of order.

2. PROFORMA FOR INSTRUCTIONS TO TENDERERS AND TERMS & CONDITIONS OF TENDER where the indent value is Rs. 2.00 lakhs & above for indigenous stores items

1. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of nonacceptance of tender, the tenderer will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.

(d) Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

2. (a) All available technical literature, catalogues and other data in support of the specifications and details of the items should be furnished along with the offer.

(b) Samples, if called for, should be submitted free of all charges by the tenderer and the Purchaser shall not be responsible for any loss or damage thereof due to any reason whatsoever. In the event of nonacceptance of tender, the tenderer will have to remove the samples at his own expense.

(c) Approximate net and gross weight of the items offered shall be indicated in your offer. If dimensional details are available the same should also be indicated in your offer.
(d)

Specifications: Stores offered should strictly confirm to our specifications. Deviations, if any, should be clearly indicated by the tenderer in his quotation. The tenderer should also indicate the Make/Type number of the stores offered and provide catalogues, technical literature and samples, wherever necessary, along with the quotations. Test Certificates, wherever necessary, should be forwarded along with supplies. Wherever options have been called for in our specifications, the tenderer should address all such options. Wherever specifically mentioned by us, the tenderer could suggest changes to specifications with appropriate response for the same.

3. ACCEPTANCE OF STORES:

(a) The stores shall be tendered by the Contractor for inspection at such places as may be specified by the purchaser at the Contractor's own risk, expense and cost.

(b) It is expressly agreed that the acceptance of the stores Contracted for, is subject to final approval by the purchaser, whose decision shall be final.

(c) If, in the opinion of the purchaser, all or any of the stores do not meet the performance or quality requirements specified in the Purchase Order, they may be either rejected or accepted at a price to be fixed by the purchaser and his decision as to rejection and the prices to be fixed shall be final and binding on the Contractor.

(d) If the whole or any part of the stores supplied are rejected in accordance with Clause No. (c) above, the purchaser shall be at liberty, with or without notice to the Contractor, to purchase in the open market at the expense of the Contractor stores meeting the necessary performance and quality Contracted for in place of those rejected, provided that either the purchase, or the agreement to purchase, from another supplier is made within six months from the date of rejection of the stores as aforesaid.

4. As a Government of India Department, this office is exempted from payment of Octroi and similar local levies. Tenderers shall ensure that necessary Exemption Certificates are obtained by them from the Purchase Officer concerned to avoid any payment of such levies.

5. a) Your offer should be valid for 90 days from the date of opening of the tender.

b) Prices are required to be quoted according to the units indicated in the annexed tender form. When quotations are given in terms of units other than those specified in the tender form, relationship between the two sets of units must be furnished.

6. DESPATCH: The Contractor is responsible for obtaining a clear receipt from the Transport

Authorities specifying the goods despatched. The consignment should be despatched with clear Railway Receipt/Lorry Receipt. If sent in any other mode, it shall be at the risk of the Contractor. Purchaser will take no responsibility for short deliveries or wrong supply of goods when the same are booked on 'said to contain' basis. Purchaser shall pay for only such stores as are actually received by them in accordance with the Contract.

7. d) The term 'Purchase Order' shall mean the communication signed on behalf of the Purchaser by an Officer duly authorised intimating the acceptance on behalf of the Purchaser on the terms and conditions mentioned or referred to in the said communication accepting the tender or offer of the Contractor for supply of stores or plant, machinery or equipment or part thereof.

8. GUARANTEE & REPLACEMENT:

(a) The Contractor shall guarantee that the stores supplied shall comply fully with the specifications laid down, for material, workmanship and performance.

(b) For a period of twelve months after the acceptance of the stores, if any defects are discovered therein or any defects therein found to have developed under proper use, arising from faulty stores design or workmanship, the Contractor shall remedy such defects at his own cost provided he is called upon to do so within a period of 14 months from the date of acceptance thereof by the purchaser who shall state in writing in what respect the stores or any part thereof are faulty.

(c) If, in the opinion of the purchaser, it becomes necessary to replace or renew any defective stores such replacement or renewal shall be made by the Contractor free of all costs to the purchaser, provided the notice informing the Contractor of the defect is given by the purchaser in this regard within the said period of 14 months from the date of acceptance thereof.

(d) Should the Contractor fail to rectify the defects, the purchaser shall have the right to reject or repair or replace at the cost of the Contractor the whole or any portion of the defective stores.

(e) The decision of the Purchaser notwithstanding any prior approval or acceptance or inspection thereof on behalf of the Purchaser, as to whether or not the Stores supplied by the Contractor are defective or any defect has developed within the said period of 12 months or any other period or as to whether the nature of defects requires renewal or replacement, shall be final, conclusive and binding on the Contractor.

(f) To fulfill guarantee conditions outlined in (a) to (e) above, the Contractor shall, at the option of the Purchaser, furnish a Bank Guarantee (as prescribed by the Purchaser)

9. PACKING FORWARDING & INSURANCE: The Contractor will be held responsible for the stores being sufficiently and properly packed for transport by rail, road, sea or air to withstand transit hazards and ensure safe arrival at the destination. The packing and marking of packages shall be done by and at the expense of the Contractor. The purchaser will not pay separately for transit insurance, all risks in transit being exclusively of the Contractor and the Purchaser shall pay only for such stores as are actually received in good condition in accordance with the Contract.

10. Preference will be given to those tenders offering supplies from ready stocks and on the basis of

FOR destination/delivery at site.

11. PRICES: Tender offering firm prices will be preferred. Where a price variation clause is insisted upon by a tenderer, quotation with a reasonable ceiling should be submitted. Such offers should invariably be supported by the base price taken into account at the time of tendering and also the formula for any such variation/s.

12. REJECTED STORES:

Rejected stores will remain at destination at the Contractor's risk and responsibility. If instructions for their disposal are not received from the Contractor within a period of 14 days from the date of receipt of the advice of rejection, the purchaser or his representative has, at his discretion, the right to scrap or sell or consign the rejected stores to Contractor's address at the Contractor's entire risk and expense, freight being payable by the Contractor at actuals.

13. Sales Tax and/or other duties/levies legally leviable and intended to be claimed should be mentioned in the price bid template. If nothing is mentioned, then it will be presumed that the rate quoted is inclusive of all taxes/duties.

14. SECURITY DEPOSIT: Wherever, the Purchase Order value is Rs. 5.00 Lakhs or more, on acceptance of the tender, the Contractor shall, at the option of the Purchaser and within the period specified by him, deposit with him, in cash or in any other form as the Purchaser may determine, security deposit not exceeding ten percent of the value of the Contract as the Purchaser shall specify. If the Contractor is called upon by the Purchaser to deposit, 'Security' and the Contractor fails to provide the security within the period specified, such failure shall constitute a breach of the Contract, and the Purchaser shall be entitled to make other arrangements for the re-purchase of the stores Contracted at the risk of the Contractor in terms of Sub-Clause (ii) and (iii) of clause regarding Delivery. (b) hereof and/or to recover from the Contractor, damages arising from such cancellation.

15. TERMS & CONDITIONS OF TENDER

16. TEST CERTIFICATE: Wherever required, test certificates should be sent along with the despatch documents.

17. The authority of the person signing the tender, if called for, should be produced.

18. The Purchaser reserves the right to place order on the successful tenderer for additional quantity up to 25% of the quantity offered by them at the rates quoted.

19. The purchaser shall be under no obligation to accept the lowest or any tender and reserves the right of acceptance of the whole or any part of the tender or portions of the quantity offered and the tenderers shall supply the same at the rates quoted.

20. The tenderer should supply along with his tender, the name of his bankers as well as the latest Income-Tax clearance certificate duly countersigned by the Income-Tax Officer of the Circle concerned under the seal of his office, if required by the Purchaser.

21. The term Contractor shall mean, the person, firm or company with whom or with which the order for the supply of Stores is placed and shall be deemed to include the Contractor's successors, representative, heirs, executors and administrators unless excluded by the Contract.

22. The term Purchaser shall mean the President of India or his successors or assigns.

23. The term 'Stores' shall mean what the Contractor agrees to supply under the Contract as specified in the Purchase Order including erection of plants & machinery and subsequent testing, should such a condition is included in the Purchase Order.

3. Model Certificates for Bidder from a country which shares land border with India

1 Model Certificate for Tenders For Transitional Cases

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I hereby certify that this bidder is not from such a country and is eligible to be considered.

2 Model Certificate for Tenders

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

3 Model Certificates for Tenders for Work involving possibility of subcontracting

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contracting from such countries; I certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority and will not sub-contract any work to a contract from such countries unless such contractor is registered with the Competent Authority. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered.

4. PPP Make in India(Non- Divisible Items-Class I & II Local Suppliers Only)

1. A committee (with an external expert from a practicing cost accountant or practicing chartered accountant, if required) constituted for independent verification shall verify the self-declarations & auditor's / accountant's certificates on random basis, as per the requirements.
2. a) The subject item falls under Non-divisible category. b) The offers sought only from Class-I & Class-II local suppliers
3. Definitions: A supplier or service provider, whose goods, services or works offered for procurement, has local content: i. Equal to or more than 50%: Class-I local supplier. ii. More than 20% but less than 50%: Class-II local supplier. iii. Less than or equal to 20%: Non-local supplier.
4. False declarations will be in breach of code of the integrity for which a bidder or its successor's will not be eligible/debarred for purchase preference from further tenders / pending tenders for two years along with other actions as may be applicable.
5. In case of a complaint received from any local supplier indicating a need for review / verification of Local content of successful vendor / awarded vendor, for accepting a complaint from such complainant (w.r.t the false declaration given by the successful vendor on the local content), a complaint fee of Rs.2Lakhs or 1% of the locally manufactured items being procured (subject to a maximum Rs. 5Lakhs), whichever was higher, to be paid by demand draft by the complainant. In case, the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest.
6. In cases the quoted price is in excess of Rs.1000 Lakhs (including duties, taxes and freight & Insurance) the 'Class-I & II local supplier shall provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in case of suppliers other than companies) giving the percentage of local content.
7. In line with Public Procurement (Preference to Make in India), Order 2017 & its amendments issued by Govt. of India from time to time with a view to support the Indian industries, ISRO has implemented "Purchase Preference Policy". The "Purchase Preference" is applicable for the "Class-I Local Supplier" for the goods/ services/ works covered in this tender, subject to the following terms & conditions:-
8. 'L1' means the lowest technically accepted tender / bid / quotation (i.e. lowest landed cost including duties, taxes and freight & Insurance).
9. 'Local content' means the amount of value added in India (i.e. indigenous items/services added in the offered products/ services/ works) be the total value of the item offered (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties/IGST) as a proportion of the total value (excluding net domestic indirect taxes), in percent.

10. 'Margin of purchase preference' means the maximum extent to which the price quoted by the "Class-I local supplier" above the L1 (landed cost).

11. Purchase Preference Policy:- Goods/Works which are not divisible (ie., required quantity is 1 or as a package) and Services:

a) If L1 is from a 'Class-I local supplier', the contract will be awarded to L1 bidder.

b) If L1 is not from a 'Class-I local supplier', the lowest bidder among the 'Class-I local supplier' will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference (i.e. 20%) and the contract shall be awarded to such 'Class-I local supplier' subject to matching the L1 price (inclusive of duties, taxes and freight & insurance).

c) In case such lowest eligible 'Class-I local supplier' fails to match the L1 price, the 'Class-I local supplier' with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on, and order/contract shall be awarded accordingly. In case where none of the 'Class-I local supplier' within the margin of purchase preference agree to match the L1 price, then the order/contract shall be awarded to the original L1 Bidder.

12. The 'Class-I & II local supplier' should provide a "Self Certification" along with technical offer indicating that the item offered meets the minimum local content [as per Sl. No.(3)] as called for in the tender and provide the percentage of local content along with details of the location(s) at which the local value addition is made. In case of two bid tenders, it is mandatory to indicate compliance to MLC(minimum Local Content) in technical bid zone.

13. The ink-signed certificate shall be provided on vendors letter head along with the offer (in case of online tender, copy of ink-signed certificate shall be uploaded along with your offer under concerned tab. Original in Hard copy shall be produced on request). In case of non-submission of certificate, the purchase preference shall not apply.

14. The margin of Purchase Preference shall be up to 20%.

15. The Public Procurement (Preference to Make in India), Order 2017 issued by Govt. of India indicates that if there are any general or specific restrictive clauses to restrict participation of Indian companies in those countries procurement tenders, reciprocity clause need to be invoked as per the order. Hence, if ISRO or Govt. of India come across that Indian suppliers of an item are not allowed to participate and / or compete in procurement by your government, the bid submitted by you will be not be considered and excluded from eligibility for procurement. Please note this point.

16. Works means all works as per Rule 130 of GFR- 2017, and will also include 'turnkey works'. Works includes Engineering, Procurement and Construction (EPC) contracts and services include System Integrator (SI) contracts.

C. Bid Templates

C.1 Technical Bid - Design, fabrication, testing, supply, installation and commissioning of pulse power supply

1. POWER SUPPLIES, Design, fabrication, testing, supply, installation and commissioning of pulse power supply

Item specifications for POWER SUPPLIES

Sl No	Specification	Value	Compliance	Offered Specification	Remark
1	Input voltage	230 V +/- 10%, 50 Hz Single phase or Three phase	Yes / No / Explain		
2	Polarity	Negative	Yes / No / Explain		
3	Output peak voltage	0-10,000 volts (10 kV)/ 40 amps	Yes / No / Explain		
4	Voltage accuracy	+/-1%	Yes / No / Explain		
5	Output peak Current	40 A at 100 microsec pulse width	Yes / No / Explain		
6	Current accuracy	+/-1%	Yes / No / Explain		
7	Ton/pulse width	5 to 150 micro seconds-user programmable	Yes / No / Explain		
8	Rise time and fall time	≤200 nanoseconds	Yes / No / Explain		
9	Pulse Repetition frequency	5 to 100 Hz -user programmable	Yes / No / Explain		
10	O/p Voltage/current(peak) ripples	0.1% of reading or better	Yes / No / Explain		
11	Load compatibility	Resistive load and capacitive load.	Yes / No / Explain		
12	Voltage ripple	+/- 0.5 percent of full scale output	Yes / No / Explain		
13	configuration	standalone	Yes / No / Explain		
14	Operational temperature	≤ 55 deg. C	Yes / No / Explain		

15	Metering	Ton, Toff, DC Voltage (peak), DC Current (peak), PRF	Yes / No / Explain		
16	Protection	Current limit, Over current protection, Isolation from Body $\geq 20\text{kV}$ DC or better should be provided	Yes / No / Explain		

Common Specifications (Applicable for all items)

SI No	Specification	Value	Compliance	Offered Specification	Remark
1	Input voltage	230 volts +/-10%, 50 Hz, single phase or three phase.	Yes / No / Explain		
2	Polarity	Negative	Yes / No / Explain		
3	Output peak voltage	0-10,000 volts/ 40 amps	Yes / No / Explain		
4	Voltage accuracy	+/-1 percentage	Yes / No / Explain		
5	Output peak current	40 amps @ Pulsewidth 100 microsecond.	Yes / No / Explain		
6	Current accuracy	+/-1 percentage	Yes / No / Explain		
7	Ton/ Pulse width	5-150 microseconds- user programmable	Yes / No / Explain		
8	Rise time and fall time	≤ 200 nanosecond	Yes / No / Explain		
9	Pulse repetition frequency (PRF)	5-100 Hz -User programmable	Yes / No / Explain		
10	O/p Voltage/current (peak) ripples	0.1% of reading or better	Yes / No / Explain		
11	Load compatibility	resistive load and capacitive load.	Yes / No / Explain		
12	Voltage ripple	+/- 0.5 percent of full scale output	Yes / No / Explain		
13	Configuration	Standalone	Yes / No / Explain		
14	Operating temperature	≤ 55 oC.	Yes / No / Explain		
15	Metering	Ton, Toff, DC Voltage (peak), DC Current (peak), PRF.	Yes / No / Explain		

16	Protection	Current limit, over current protection, Isolation from Body $\geq 20\text{kV}$ DC or better should be provided	Yes / No / Explain		
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Supporting Documents required from Vendor

1. All the drawings of the system and circuit diagram of electrical system should be supplied with the power supply.

5 additional documents can be uploaded by the vendor

C.2 Commercial Terms / Bid

Sl. No.	Description	Compliance	Vendor Terms
1	6 years AMC rate shall be mentioned. This rate will be accounted to conclude L1	Yes / No / Explain	
2	Acceptance clause: 1) Supplier has to install and commission the pulse power supply at VSSC site 2) supplier has to demonstrate the working of the system as per specification	Yes / No / Explain	
3	Pre-Delivery inspection required at suppliers site. PDI will involve demonstration of all features as per specification.	Yes / No / Explain	
4	Required accessories also should be supplied	Yes / No / Explain	
5	All the drawings of the system and circuit diagram of electrical system should be supplied with the power supply.	Yes / No / Explain	
6	Scope of supply includes the design, supply, installation and commissioning of the pulse power supply.	Yes / No / Explain	
7	Minimum 1 year warranty should be provided	Yes / No / Explain	
8	Delivery Period	Yes / No / Explain	
9	Liquidated Damages(L/D clause @ 0.5% subject to maximum 10% of the order value is applicable beyond the promised delivery schedule.)	Yes / No / Explain	
10	Delivery Term (FOR, VSSC):	Yes / No / Explain	
11	Security Deposit (Applicable if Offer Value is Rs. 5 Lakhs or above. MSME/NSIC Units are NOT EXEMPTED from the payment of SD. Bank Guarantee @ 3% of Order Value valid till 60 days from the date of supply to be submitted. Mandatory compliance required. Only Government Bodies/PSUs/PSEs can submit Indentity Bond in lieu of BG. In the event of non-performance of contractual obligations, SD will be forfeited).	Yes / No / Explain	
12	Any other terms	Yes / No / Explain	

13	Quote Validity: Minimum 90 days	Yes / No / Explain	
14	Taxes and other costs, if any . GST : (In line with Notification No. 01/2017-Central Tax (Rate) dated 28-06-2017, as amended by Notification No. 06/2018-Central Tax (Rate) dated 25-01-2018 and Notification No. 24/2018 Central Tax (Rate) dated 31-12-2018 and corresponding SGST Rate Notifications, GST rate for the goods at Sl. No. 243 B : Scientific and technical instruments, apparatus, equipment, accessories, parts, components, spares, tools, mock up and modules, raw material and consumable required for Launch Vehicles and Satellites and Payloads is 2.5% CGST and 2.5% SGST. IGST is charged at 5 % in terms of Notification No. 01/2017-IGST dated 28-06-2017 as amended by Notification No. 07/2018 IGST dated 25-01-2018 and Notification No. 25/2018 IGST dated 31-12-2018, necessary IGST/CGST/SGST concession certificate shall be issued)	Yes / No / Explain	
15	Payment Term: (Our Defalut payment term: For indigenous orders: 100% within 30 days after receipt and acceptance of item at our site.)	Yes / No / Explain	
16	Performance Bank Guarantee (PBG) Bank Guarantee @ 3% of Order Value valid till the completion of warranty period plus 2 months claim period to be submitted. Mandatory compliance required. Only Government Bodies/PSUs/PSEs can submit Indemnity Bond in lieu of BG. In the event of non-performance of warranty obligations, PBG will be forfeited).	Yes / No / Explain	
17	Warranty	Yes / No / Explain	

18	Local content means the amount of value added in India (i.e. indigenous items/services added in the offered products/services/works) be the total value of the item offered (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties/IGST) as a proportion of the total value (excluding net domestic indirect taxes), in percent. Indicate extent of Minimum Local Content in offered product/service and location of such value additions.	Yes / No / Explain	
19	The Class-I & II local supplier should provide a Self Certification along with your offer in PDF format indicating that the item offered meets the minimum local content as called for in the tender as mentioned above and provide the % of local content along with details of the location(s) at which the local value addition is made. In case of two part tenders, it is mandatory to indicate compliance to MLC(minimum local content) in technical bid itself. Confirm attachment of Self declaration along with the offer.	Yes / No / Explain	
20	Definitions: A supplier or service provider, whose goods, services or works offered for procurement, a) has local content: b) Equal to or more than 50% : Class-I local supplier. c) More than 20% but less than 50% : Class-II local supplier. d) Less than or equal to 20% : Non-local supplier. Mention your category.	Yes / No / Explain	
21	Bank details:Bank Name, IFSC Code, Account No. etc	Yes / No / Explain	
22	Copy of latest filed tax returns	Yes / No / Explain	
23	Details of registration, PAN card, NSIC, MSME, GST, TIN etc	Yes / No / Explain	

C.3 Price Bid

Sl. No.	Item	Quantity	Unit Price	Currency	Total Price	Packing & Forwarding	Freight	Remark
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1	POWER SUPPLIES, Design, fabrication, testing, supply, installation and commissioning of pulse power supply	1.00 Nos.	-					
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Common charges (Applicable for all items)

AMC Charges for 1st Year after warranty period	
AMC Charges for 2nd Year after warranty period	
AMC Charges for 3rd Year after warranty period	
Spare Cost	
Any Other Charges (Amount)	
Installation Charges	
Optional Spares Cost (lumpsum)	
Training Charges	
Cost of probable spares list with price break up	
AMC Charges for 4th Year after warranty period	
AMC Charges for 5th Year after warranty period	
AMC Charges for 6th Year after warranty period	