



NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MAHATMA GANDHI AVENUE
DURGAPUR –713 209, WEST BENGAL, INDIA

FAX: +91-343-2547375

E-mail: psbhowmik@gmail.com; Website: www.nitdgp.ac.in

Contact No.: + 91-343-2754327 / 9434788174

BID REFERENCE: NITD/EE/PSB/ DST-SERB/2017/01

Dated: **19.07.2017**

To _____

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENTS (PV Inverter Setup) UNDER DST-SERB PROJECT (NO. EEQ/2016/000347)

1. You are invited to submit your most competitive quotation for the goods as per annexure-I
2. **Bid Price:**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
 - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

The bid price must be quoted in **Indian Rupees**.

3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.
4. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied
- (b) Authorized dealership certificate from the original manufacturer
- (c) Credentials and list of organizations where the bidder supplied similar items
- (d) Warranty period (comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate

Part – II (Price Bid)

Price bid (vide annexure-II)

5. **Validity of Quotation**
Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
6. **Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.**The Quotations will be evaluated separately for each item.**
7. **Award of contract**
The Purchaser will award the contract to the bidder whose quotation has been determined to be **substantially responsive** and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Electrical Engineering** at NIT, Durgapur
9. Payment shall be made immediately within **30 days** after satisfactory installation, commissioning and acceptance of the good.
10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a. Scientific and technical instruments, apparatus, equipment (including computers);
 - b. Accessories, spare parts and consumables thereof;
 - c. Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. The successful bidder must submit before the release of payment a valid bank guarantee payable to “ISMFPQ PMU” on any nationalized bank of **5 %** of the order value towards **Performance Security** during the warranty period.
15. Quotations are to be submitted in **two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No.: **NITD/EE/PSB/DST-SERB/2017/01** ”. These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence “**Not to be opened before 16.00 hours on 22.08.2017**” is also to be put on these envelopes.
16. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
17. You are requested to provide your offer latest by **15.00** hours on **22.08.2017**.
18. The purchaser will open the bids at **16.00** hours on **22.08.2017**.
19. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
20. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
21. All other terms and conditions of GFR 2017 of the Government of India will be application.
22. We look forward to receiving your quotations and thank you for your interest in this project.
23. **Installation/commissioning/demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT Durgapur.**

Look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Dr. Partha Sarathee Bhowmik
Principal Investigator (DST-SERB PROJECT)
Assistant Professor, Department of Electrical Engineering
National Institute of Technology, Durgapur
M. G. Avenue. Durgapur -713209, West Bengal.
Email id: psbhowmik@gmail.com // Mobile No. 09434788174

LIST OF GOODS / ITEMS

Sl. No	Brief Description of the Goods	Minimum Specifications	Quantity
01	PV Inverter Setup	(i) Tubular Battery: 12V 100 AH	2
		(ii) Grid Tied Inverter: 1 KVA, 220 V.	1
		(iii) Battery Charger: Suitable for 12V battery	2
		(iii) SPV Module: 250 WP with structure	16
		(iv) 6 sq-mm wire	2

Delivery Period: 60 days from the date of placement of purchase order

Place of Delivery: Dept. of Electrical Engineering, NIT Durgapur

Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at **Dept. of Electrical Engineering, NIT, Durgapur**

Annexure - II

PRICE BID

1	2	3	4	5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit	Unit Price	Sales & other taxes payable [admissible only on col. 5(a)]	Total Unit Price	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services (b)	(a)+(b)	(6)+(7)	

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder: _____

Name : _____

Business Address : _____

Place : _____

Date : _____



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Contact No.: + 91-343-2754327 / 9434788174

BID REFERENCE: NITD/EE/PSB/ DST-SERB/2017/02

Dated: 19/07/2017

To _____

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENTS (Multimeter, Rheostat, Induction Motor, Voltmeter, Ammeter, Variac) UNDER DST-SERB PROJECT (NO. EEQ/2016/000347)

1. You are invited to submit your most competitive quotation for the goods as per annexure-I
2. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
 - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.

The bid price must be quoted in **Indian Rupees**.

3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.
4. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied
- (b) Authorized dealership certificate from the original manufacturer
- (c) Credentials and list of organizations where the bidder supplied similar items
- (d) Warranty period (comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate

Part – II (Price Bid)

Price bid (vide annexure-II)

5. **Validity of Quotation**
Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
6. **Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.**The Quotations will be evaluated separately for each item.**
7. **Award of contract**
The Purchaser will award the contract to the bidder whose quotation has been determined to be **substantially responsive** and who has offered the lowest evaluated quotation price.

7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.

7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Electrical Engineering** at NIT, Durgapur
9. Payment shall be made immediately within **30 days** after satisfactory installation, commissioning and acceptance of the good.
10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a. Scientific and technical instruments, apparatus, equipment (including computers);
 - b. Accessories, spare parts and consumables thereof;
 - c. Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. The successful bidder must submit before the release of payment a valid bank guarantee payable to “ISMFPQ PMU” on any nationalized bank of **5 %** of the order value towards **Performance Security** during the warranty period.
15. Quotations are to be submitted **in two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No.: NITD/EE/PSB/DST-SERB/2017/02 ”. These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence ‘**Not to be opened before 16.00 hours on 22.08.2017**’ is also to be put on these envelopes.
16. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
17. You are requested to provide your offer latest by **15.00** hours on **22.08.2017**.
18. The purchaser will open the bids at **16.00** hours on **22.08.2017**.
19. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
20. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
21. All other terms and conditions of GFR 2017 of the Government of India will be application.
22. We look forward to receiving your quotations and thank you for your interest in this project.
23. **Installation/commissioning/demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT Durgapur.**

Look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Dr. Partha Sarathree Bhowmik
Principal Investigator (DST-SERB PROJECT)
Assistant Professor, Department of Electrical Engineering
National Institute of Technology, Durgapur
M. G. Avenue, Durgapur -713209, West Bengal.
Email id: psbhowmik@gmail.com // Mobile No. 09434788174

LIST OF GOODS / ITEMS

Sl. No	Brief Description of the Goods	Minimum Specifications			Quantity
01	Multimeter	Function	Range	Resolution	1
		Voltage	1000.0 mV 10.000 V 100.00 V 1000.0 V	0.1 mV 0.001 V 0.01 V 0.1 V	
		Current	1000.0 μ A 10000 μ A 100.00 mA 440.0 mA 10.000 A	0.1 μ A 1 μ A 0.01 mA 0.1 mA 0.001 A	
		Resistance	1000.0 Ω 10.000 k Ω 100.00 k Ω 1000.0 k Ω 10.000 M Ω 100.00 M Ω	0.1 Ω 0.001 k Ω 0.01 k Ω 0.1 k Ω 0.001 M Ω 0.01 M Ω	
		Diode test	1 V	0.001 V	
02	Rheostat	50 Ohm, 5A			3
03	Induction Motor	220 V, 50 Hz, 1500 rpm, 1.8 A, 0.75 kW			1
04	Voltmeter	0-300V			3
05	Ammeter	0-5A			3
06	Variac	0-270 V, 3 A			1

Delivery Period: 60 days from the date of placement of purchase order, **Place of Delivery:** Dept. of Electrical Engineering, NIT Durgapur

Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT, Durgapur

Annexure - II

PRICE BID

1	2	3	4	5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit	Unit Price	Sales & other taxes payable [admissible only on col. 5(a)]	Total Unit Price	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services (b)	(a)+(b)	(6)+(7)	

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder: _____

Name : _____

Business Address : _____

Place : _____

Date : _____



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Contact No.: + 91-343-2754327 / 9434788174

BID REFERENCE: NITD/EE/PSB/ DST-SERB/2017/03

Dated: 19/07/2017

To _____

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENTS [Analog Input card (Voltage), Analog Input card (Current)] UNDER DST-SERB PROJECT (NO. EEQ/2016/000347)

1. You are invited to submit your most competitive quotation for the goods as per annexure-I
2. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
 - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.The bid price must be quoted in **Indian Rupees**.
3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.
4. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied
- (b) Authorized dealership certificate from the original manufacturer
- (c) Credentials and list of organizations where the bidder supplied similar items
- (d) Warranty period (comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate

Part – II (Price Bid)

Price bid (vide annexure-II)

5. **Validity of Quotation**

Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
6. **Evaluation of Quotations**

The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which

 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.

The Quotations will be evaluated separately for each item.
7. **Award of contract**

The Purchaser will award the contract to the bidder whose quotation has been determined to be **substantially responsive** and who has offered the lowest evaluated quotation price.

 - 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Electrical Engineering at NIT, Durgapur**
9. Payment shall be made immediately within **30 days** after satisfactory installation, commissioning and acceptance of the good.
10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a. Scientific and technical instruments, apparatus, equipment (including computers);
 - b. Accessories, spare parts and consumables thereof;
 - c. Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. The successful bidder must submit before the release of payment a valid bank guarantee payable to “ISMFPQ PMU” on any nationalized bank of **5 %** of the order value towards **Performance Security** during the warranty period.
15. Quotations are to be submitted in **two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No.: **NITD/EE/PSB/DST-SERB/2017/03**”. These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence “**Not to be opened before 16.00 hours on 22.08.2017**” is also to be put on these envelopes.
16. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
17. You are requested to provide your offer latest by **15.00** hours on **22.08.2017**.
18. The purchaser will open the bids at **16.00** hours on **22.08.2017**.
19. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
20. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
21. All other terms and conditions of GFR 2017 of the Government of India will be application.
22. We look forward to receiving your quotations and thank you for your interest in this project.
23. **Installation/commissioning/demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT Durgapur.**

Look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Dr. Partha Sarathee Bhowmik
Principal Investigator (DST-SERB PROJECT)
Assistant Professor, Department of Electrical Engineering
National Institute of Technology, Durgapur
M. G. Avenue. Durgapur -713209, West Bengal.
Email id: psbhowmik@gmail.com // Mobile No. 09434788174

LIST OF GOODS / ITEMS

Sl. No	Brief Description of the Goods	Minimum Specifications	Quantity
01	Analog Input card (Voltage)	Form Factor C Series Compatible Module No. of Channels 3 Resolution: 24 Bit or better Maximum Voltage Range: <ul style="list-style-type: none"> • Range 0Vrms to 300Vrms • Accuracy 1.19 V or better Sampling Rate :50 kS/s per channel sample rat Isolation type :Channel Channel isolation Input Impedance: 1 MOhm Signal Conditioning :Anti-aliasing filter Simultaneous Sampling :Yes	1
02	Analog Input card (Current)	Form Factor C Series compatible module No. of channels :Minimum 4 Resolution :24 bits or better Sampling Rate :50 kS/s/ch with dedicated ADCs for each channel Input Range :5Arms measurement Isolation type :Channel-Channel Isolation Input Impedance :12 mOhm Signal Conditioning :Anti-Aliasing Filter	1

Delivery Period: 60 days from the date of placement of purchase order

Place of Delivery: Dept. of Electrical Engineering, NIT Durgapur

Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at **Dept. of Electrical Engineering,** NIT, Durgapur

Annexure - II

PRICE BID

1	2	3	4	5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit	Unit Price	Sales & other taxes payable [admissible only on col. 5(a)]	Total Unit Price	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services (b)	(a)+(b)	(6)+(7)	

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder: _____

Name : _____

Business Address : _____

Place : _____

Date : _____



NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

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Contact No.: + 91-343-2754327 / 9434788174

BID REFERENCE: NITD/EE/PSB/ DST-SERB/2017/04

Dated: 19.07.2017

To _____

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENTS (Static Var Compensator) UNDER DST-SERB PROJECT (NO. EEQ/2016/000347)

1. You are invited to submit your most competitive quotation for the goods as per annexure-I
2. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
 - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
The bid price must be quoted in **Indian Rupees**.
3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.

4. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied
- (b) Authorized dealership certificate from the original manufacturer
- (c) Credentials and list of organizations where the bidder supplied similar items
- (d) Warranty period (comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate

Part – II (Price Bid)

Price bid (vide annexure-II)

5. **Validity of Quotation**
Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
6. **Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.**The Quotations will be evaluated separately for each item.**
7. **Award of contract**
The Purchaser will award the contract to the bidder whose quotation has been determined to be **substantially responsive** and who has offered the lowest evaluated quotation price.
 - 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Electrical Engineering at NIT, Durgapur**
9. Payment shall be made immediately within **30 days** after satisfactory installation, commissioning and acceptance of the good.
10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a. Scientific and technical instruments, apparatus, equipment (including computers);
 - b. Accessories, spare parts and consumables thereof;
 - c. Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. The successful bidder must submit before the release of payment a valid bank guarantee payable to “ISMFPQ PMU” on any nationalized bank of **5 %** of the order value towards **Performance Security** during the warranty period.
15. Quotations are to be submitted in **two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No.: **NITD/EE/PSB/DST-SERB/2017/04** ”. These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence “**Not to be opened before 16.00 hours on 22.08.2017**” is also to be put on these envelopes.
16. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
17. You are requested to provide your offer latest by **15.00** hours on **22.08.2017**.
18. The purchaser will open the bids at **16.00** hours on **22.08.2017**.
19. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
20. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
21. All other terms and conditions of GFR 2017 of the Government of India will be application.
22. We look forward to receiving your quotations and thank you for your interest in this project.
23. **Installation/commissioning/demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT Durgapur.**

Look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Dr. Partha Sarathee Bhowmik
Principal Investigator (DST-SERB PROJECT)
Assistant Professor, Department of Electrical Engineering
National Institute of Technology, Durgapur
M. G. Avenue. Durgapur -713209, West Bengal.
Email id: psbhowmik@gmail.com // Mobile No. 09434788174

LIST OF GOODS / ITEMS

Sl. No	Brief Description of the Goods	Minimum Specifications	Quantity
01	Static Var Compensator	* Micro controller based firing pulse generation * Hylem sheet with engraved front panel * Maximum power 1KW	1

Delivery Period: 60 days from the date of placement of purchase order

Place of Delivery: Dept. of Electrical Engineering, NIT Durgapur

Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at **Dept. of Electrical Engineering,** NIT, Durgapur

Annexure - II

PRICE BID

1	2	3	4		5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit		Unit Price	Sales & other taxes payable [admissible only on col. 5(a)]	Total Unit Price	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services (b)	(a)+(b)	5(a)	(6)+(7)	

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder: _____

Name : _____

Business Address : _____

Place : _____

Date : _____



NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR
MAHATMA GANDHI AVENUE
DURGAPUR –713 209, WEST BENGAL, INDIA

FAX: +91-343-2547375

E-mail: psbhowmik@gmail.com; Website: www.nitdgp.ac.in

Contact No.: + 91-343-2754327 / 9434788174

BID REFERENCE: NITD/EE/PSB/ DST-SERB/2017/05

Dated: **19/07/2017**

To _____

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENTS (Programable AC Load) UNDER DST-SERB PROJECT (NO. EEQ/2016/000347)

1. You are invited to submit your most competitive quotation for the goods as per annexure-I
2. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur**.
 - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.
The bid price must be quoted in **Indian Rupees**.
3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.

4. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied
- (b) Authorized dealership certificate from the original manufacturer
- (c) Credentials and list of organizations where the bidder supplied similar items
- (d) Warranty period (comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate

Part – II (Price Bid)

Price bid (vide annexure-II)

5. **Validity of Quotation**
Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
6. **Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.**The Quotations will be evaluated separately for each item.**
7. **Award of contract**
The Purchaser will award the contract to the bidder whose quotation has been determined to be **substantially responsive** and who has offered the lowest evaluated quotation price.
 - 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Electrical Engineering at NIT, Durgapur**
9. Payment shall be made immediately within **30 days** after satisfactory installation, commissioning and acceptance of the good.
10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a. Scientific and technical instruments, apparatus, equipment (including computers);
 - b. Accessories, spare parts and consumables thereof;
 - c. Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. The successful bidder must submit before the release of payment a valid bank guarantee payable to “ISMFPQ PMU” on any nationalized bank of **5 %** of the order value towards **Performance Security** during the warranty period.
15. Quotations are to be submitted in **two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No.: **NITD/EE/PSB/DST-SERB/2017/05**”. These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence “**Not to be opened before 16.00 hours on 22.08.2017**” is also to be put on these envelopes.
16. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
17. You are requested to provide your offer latest by **15.00** hours on **22.08.2017**.
18. The purchaser will open the bids at **16.00** hours on **22.08.2017**.
19. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
20. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
21. All other terms and conditions of GFR 2017 of the Government of India will be application.
22. We look forward to receiving your quotations and thank you for your interest in this project.
23. **Installation/commissioning/demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT Durgapur.**

Look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Dr. Partha Sarathee Bhowmik
Principal Investigator (DST-SERB PROJECT)
Assistant Professor, Department of Electrical Engineering
National Institute of Technology, Durgapur
M. G. Avenue. Durgapur -713209, West Bengal.
Email id: psbhowmik@gmail.com // Mobile No. 09434788174

LIST OF GOODS / ITEMS

Sl. No	Brief Description of the Goods	Minimum Specifications	Quantity
01	Programable AC Load	<ul style="list-style-type: none"> • Power Rating :1800W, 3600W, 4500W • Voltage Range :50V ~ 350Vrms • Current Range :Up to 18Arms, 36Arms, 45Arms • Peak Current :Up to 54A, 108A, 135A • Parallel / 3-Phase Function • Frequency Range : 45 ~ 440Hz, DC • Crest Factor Range : 1.414 ~ 5.0 • Power Factor Range :0 ~ 1 lead or lag (Rectified mode) • CC, CR, CV, CP for DC Loading • Constant & Rectified Load Modes for AC Loading • Analog Voltage & Current Monitor • Timing Measurement for Battery,UPS, Fuse and Breaker tests • Measurement :V, I, PF, CF, P, Q, S, F, R, Ip+/- and THDv • Short circuit simulation • Full Protection : OP, OC, OT protection and OV alarm GPIB & RS-232 interfaces	1

Delivery Period: 60 days from the date of placement of purchase order

Place of Delivery: Dept. of Electrical Engineering, NIT Durgapur

Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at **Dept. of Electrical Engineering, NIT, Durgapur**

Annexure - II

PRICE BID

1	2	3	4		5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit		Unit Price (a)+(b)	Sales & other taxes payable [admissible only on col. 5(a)] 5(a)	Total Unit Price (6)+(7)	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services (b)				

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder: _____

Name : _____

Business Address : _____

Place : _____

Date : _____



NATIONAL INSTITUTE OF TECHNOLOGY, DURGAPUR

MAHATMA GANDHI AVENUE
DURGAPUR –713 209, WEST BENGAL, INDIA

FAX: +91-343-2547375

E-mail: psbhowmik@gmail.com; Website: www.nitdgp.ac.in

Contact No.: + 91-343-2754327 / 9434788174

BID REFERENCE: NITD/EE/PSB/ DST-SERB/2017/06

Dated: 19/07/2017

To _____

Dear Sir,

Sub: INVITATION FOR QUOTATIONS FOR SUPPLY AND INSTALLATION OF INSTRUMENTS (Computer Setup) UNDER DST-SERB PROJECT (NO. EEQ/2016/000347)

1. You are invited to submit your most competitive quotation for the goods as per annexure-I
2. **Bid Price**
 - a) The contract shall be for the full quantity as described above. Corrections, if any, shall be made by crossing out, initialing, dating and re writing.
 - b) All duties, taxes and other levies payable by the contractor under the contract shall be included in the total price **F.O.R. NIT Durgapur.**
 - c) The rates quoted by the bidder shall be fixed for the duration of the contract and shall not be subject to adjustment on any account.The bid price must be quoted in **Indian Rupees.**
3. Each bidder shall submit only one quotation for each item. Manufacturer/authorized dealers of reputed brands of high technical quality with adequate after-sales support facilities are eligible to apply. The bidder must have supplied similar good to reputed organization to their full satisfaction and furnish a list of the same.
4. The bid submitted by the bidder must comprise the following:

Part – I (Techno-commercial Bid)

- (a) Detailed technical specifications and literature/drawings/manuals of the goods/services to be supplied
- (b) Authorized dealership certificate from the original manufacturer
- (c) Credentials and list of organizations where the bidder supplied similar items
- (d) Warranty period (comprehensive on-site)
- (e) Valid sales-tax / VAT clearance certificate

Part – II (Price Bid)

Price bid (vide annexure-II)

5. **Validity of Quotation**
Quotation shall remain valid for a period not less than **60** days after the deadline date specified for submission.
6. **Evaluation of Quotations**
The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e. which
 - (a) are properly signed and
 - (b) conform to the terms and conditions, and specifications.**The Quotations will be evaluated separately for each item.**
7. **Award of contract**
The Purchaser will award the contract to the bidder whose quotation has been determined to be **substantially responsive** and who has offered the lowest evaluated quotation price.
 - 7.1 Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of contract.
 - 7.2 The bidder whose bid is accepted will be notified of the award of contract by the Purchaser prior to expiration of the quotation validity period. The terms of the accepted offer shall be incorporated in the purchase order.

8. Delivery shall be made at **Department of Electrical Engineering** at NIT, Durgapur
9. Payment shall be made immediately within **30 days** after satisfactory installation, commissioning and acceptance of the good.
10. Comprehensive onsite warranty shall be applicable to the supplied goods for a period of **12 months** from the date of installation.
11. The Institute is **exempted from payment of custom and excise duty** on items mentioned below:
 - a. Scientific and technical instruments, apparatus, equipment (including computers);
 - b. Accessories, spare parts and consumables thereof;
 - c. Computer software, CD-ROM, recorded magnetic tapes, microfilms, and microchips.
12. The successful bidder must submit before the release of payment a valid bank guarantee on any nationalized bank of **10%** of the order value towards **Performance Security** during the warranty period.
13. **Liquidated Damage** will be applicable at the rate of **0.5%** per week. The purchaser has the right to cancel the purchase order when LD accumulates to 10 %.
14. The successful bidder must submit before the release of payment a valid bank guarantee payable to “ISMFPQ PMU” on any nationalized bank of **5 %** of the order value towards **Performance Security** during the warranty period.
15. Quotations are to be submitted in **two separate sealed covers** marked **PART-I** (Techno-commercial bid) and **PART-II** (Price bid) containing relevant documents, superscripting “Bid No.: NITD/EE/PSB/DST-SERB/2017/06 ”. These two sealed covers are to be placed in a separately sealed larger cover. Further, the sentence “**Not to be opened before 16.00 hours on 22.08.2017**” is also to be put on these envelopes.
16. Settlement of any dispute will be made under the jurisdiction of Durgapur Court.
17. You are requested to provide your offer latest by **15.00** hours on **22.08.2017**.
18. The purchaser will open the bids at **16.00** hours on **22.08.2017**.
19. The bid document must be signed and sealed and enclosed with the bid as a token of acceptance of all terms and conditions in the bid document by the bidder.
20. The items must be delivered within **60 days** from the date of placement of purchase order at the respective department.
21. All other terms and conditions of GFR 2017 of the Government of India will be application.
22. We look forward to receiving your quotations and thank you for your interest in this project.
23. **Installation/commissioning/demonstration requirement: Installation, commissioning, complete demonstration and successful running at Dept. of Electrical Engineering, NIT Durgapur.**

Look forward to receiving your quotations and thank you for your interest in this project.

The bid must be addressed to:

Dr. Partha Sarathee Bhowmik
Principal Investigator (DST-SERB PROJECT)
Assistant Professor, Department of Electrical Engineering
National Institute of Technology, Durgapur
M. G. Avenue. Durgapur -713209, West Bengal.
Email id: psbhowmik@gmail.com // Mobile No. 09434788174

LIST OF GOODS / ITEMS

Sl. No	Brief Description of the Goods	Minimum Specifications	Quantity
01	Computer setup	<p>Intel Core i7- 6700 3.4 Ghz, 8 MB Cache Memory Intel Q170 or better Chipset 32 GB DDR4 RAM (4 DIMM Slots, Upgradable up to 64 GB) 1 TB SATA Hard Disk 7200 RPM DVD Writer NVIDIA G-Force 2 GB Graphics Card Windows 10 professional with media and license. 21.5'' LED Colour Monitor (OEM – Make) or Higher Ports and Connectors : Front: 2 USB 3.0; 2 USB 2.0 (1 fast charging); 1 audio line in; 1 audio line out Back: 6 USB 3.0; 1 serial; 1 serial (optional); 1 parallel (optional); 2 PS/2 (keyboard and mouse); 1 VGA; 2 DisplayPort; 1 audio line in; 1 audio line out; 1 RJ-45 , WITH 3 YEARS EXTENDED WARRANTY</p> <ul style="list-style-type: none"> • 1.1 KVA UPS • ONE USER ANTIVIRUS WITH 3YEARS SUBSCRIPTION 	<p>1</p> <p>1</p> <p>1</p>

Delivery Period: 60 days from the date of placement of purchase order

Place of Delivery: Dept. of Electrical Engineering, NIT Durgapur

Installation / commissioning / demonstration requirement: Installation, commissioning, complete demonstration and successful running at **Dept. of Electrical Engineering, NIT, Durgapur**

Annexure - II

PRICE BID

1	2	3	4	5	6	7	8
Sl. No	Name of the good	Quantity & Unit	Price for each unit	Unit Price	Sales & other taxes payable [admissible only on col. 5(a)]	Total Unit Price	Total Unit Price (in words)
			Ex-factory/ ex-warehouse/ ex-showroom off the shelf [Customs & Excise duty waived] (a)	Incidental services (b)	(a)+(b)	(6)+(7)	

We agree to supply the above goods in accordance with the technical specifications and the terms and conditions mentioned in the bid document at prices mentioned above within the period specified in the Invitation for Quotations.

We also confirm that the comprehensive onsite warranty of **12 months** shall apply to the offered goods.

Signature of Bidder: _____

Name : _____

Business Address : _____

Place : _____

Date : _____