

Society for Applied Microwave Electronics Engineering & Research (SAMEER)

(R &D Laboratory of Ministry of Electronics & Information Technology, **Govt. of India**)

Plot-L2, Block-GP, Sec-V, Salt Lake Electronics Complex, Kolkata-700091

Ph : +91-33-2357-4875 , Email : purchase@mmw.sameer.gov.in

NOTICE INVITING TENDER

TENDER NO.: SMR(K)/Wave-Gen/EMC/18

SAMEER invites sealed quotations from OEM / Authorized Representative of OEM in two parts **(Technical & Price)** for supply and installation of the following equipment at SAMEER Kolkata Centre subject to the terms and conditions set out in tender document. Details of tender are given below:

Name of Equipment : **“Voltage Dips & Short Interruptions and Oscillatory Waves”**

Tender No. : SMR(K)/Wave-Gen/EMC/18

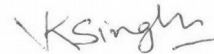
EMD : INR 50,000.00 Or USD 7000.00 (refundable)

Tender fee : INR 500.00 or USD 10 (non refundable)

Document download start date : 29th Nov, 2018

Last date for receipt of tender : 20th Dec, 2018

The tender document can be downloaded from SAMEER`s website-“www.sameer.gov.in” / “kolkata.sameer.gov.in” or Central Public Procurement Portal (website: www.eprocure.gov.in) as per above schedule. For any corrigendum or addendum in tender document please keep in touch at the above sites.



Vivek Kumar Singh

Head, A & AO

email : purchase@mmw.sameer.gov.in



**Society for Applied Microwave Electronics Engineering & Research
(SAMEER) -Kolkata Centre**

(R &D Laboratory of Ministry of Electronics & Information Technology, Govt. of India)



TENDER DOCUMENT

ON

SUPPLY, INSTALLATION AND COMMISSIONING OF

“Voltage Dips & Short Interruptions and Oscillatory Waves”

Tender Ref No : SMR(K)/Wave-Gen/EMC/18

Last date for submission of bid : 20th Dec, 2018

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**Plot- L2, Block -GP, Sector-V, Salt Lake Electronics Complex, Kolkata-700091, INDIA / Ph
Nos.:+91-33-2357-2850/4875/4894, Fax: +91-33-2357-4950, Email:
purchase@mmw.sameer.gov.in**

SEC-I : INSTRUCTION FOR SUBMITTING THE OFFER :

Introduction :

Society for Applied Microwave Electronics Engineering and Research (SAMEER) is premier institute of Ministry of Electronics and Information Technology (ME&T), Govt. of India engaged in research in the field of RF / Microwave systems and applications and providing test and measurement facilities. SAMEER has initiated process of procurement of Voltage Dips & Short Interruptions and Oscillatory Waves for ONE NUMBER as per specifications mentioned in Technical Bid.

1. Tender should be submitted in **Two parts i.e Technical Bid and Price Bid**. Details of Technical and price bid are given as **ANNEXURE-A & ANNEXURE-B**. Both bids should be submitted in two separate sealed covers, superscribed as **“Technical Bid” & “Price Bid”**. Both sealed covers should be put in a single envelope and our Tender Reference No. should be clearly mentioned on the envelope.
2. **Tender fee** : Non refundable tender fee of Rs. 500.00 (Rupees five hundred only) should be submitted along with Technical Bid. Tender fee can be submitted either in the form of DD (in favour of SAMEER Kolkata Centre” payable at Kolkata) if tender is downloaded from website (kolkata.sameer.gov.in / www.eprocure.gov.in) OR in cash if collected from office on all working days (From Monday to Friday, Office hours 10 AM to 5 P.M). Copy of Money receipt of the same should be submitted along with Technical Bid.
3. **Earnest Money Deposit (EMD)**: EMD of INR 50,000.00 (Rupees fifty thousand only) or US Dollar 700.00 (Seven hundred only) should be submitted along with Technical Bid. EMD either in the form of Demand Draft (drawn in favour of SAMEER Kolkata Centre payable at Kolkata) OR Bank Guarantee from any commercial bank of India governed by Reserve Bank of India in favour of “Society for Applied Microwave Electronics Engineering & Research (SAMEER)”. The EMD amount should be refunded without interest to the unsuccessful bidders after finalization of the tender. EMD amount without interest should be refunded to successful bidder on receipt of Performance Security. EMD should be valid 45 days beyond the bid validity period.
4. **Forfeit of EMD** : Earnest Money of the tenderer will be forfeited, if the tenderer withdraws or amends its tender or impairs or derogates from the tender in any respect within the validity of its tender. EMD of the successful bidder will be forfeited if tenderer fails to execute the Purchase Order / Contract as per term & conditions mentioned therein.
5. **Exemption of Tender Fee & EMD**: Firm who are registered with DGS&D/ME&IT/NSIC, irrespective of the stores for which they are registered are exempted from payment of EMD and Tender fee. Copy of valid registration should be attached failing which tender will be rejected.
6. Bid can be submitted either by the authorized Indian Agent on behalf of the principal OEM (Original Equipment Manufacturer) Or Principal OEM itself, but both cannot submit bid simultaneously for the same item / product against the same tender. If bidders fails to adhere to this condition, will lead to automatic disqualification of the bid. Tender submitted by the Indian Agent on behalf of principal OEM should be supported with a letter of authorization from the principal OEM.

7. The tender evaluation committee will evaluate the technical bids and necessary clarifications will be taken through email / over Phone (Name of concerned person with email ID and Phone No. should be mentioned in Technical Bid). The technically shortlisted bidders may be present on the day of the opening of Price Bid.

8. To arrive at the finalization of the quoted price, cost of basic equipment with warranty as per Price Bid will be considered, no optional item will be taken into account. Optional item (s) may be / may not be procured from the successful bidder at the discretion of SAMEER.

9. Tender received via Email / Fax and Late tenders will not be considered.

10. Unsuccessful bidders will not be formally informed of the result of their tender.

11. Tender should be submitted to the following address :

“The Head A &AO,

SAMEER Kolkata,

Plot-L2, Block-GP, Sec-V, Salt Lake Electronics Complex, Kolkata-700091”

- For any Technical clarification, please contact our Scientist, Shri Dipankar Dan (email: emiemc@mmw.sameer.gov.in / Ph : 91-33-23574875 / 91-33-23574894)

12. Further details concerning ‘Technical Bid and Price Bid’ are given below:

A. Technical Bid :

1. Original manufacturer's technical specification sheet must support details provided in the Technical bid with all the specifications/relevant technical literatures/ Brochures / Catalogues for the items. Bids received without the printed technical specification sheet / brochures / catalogues from OEM for item will be technically disqualified.

2. The Technical Bid should not contain any financial information.

3. In case the bidder is the authorized representative of a foreign manufacturer /supplier, a certificate from the principal must be included in the “Technical Bid”.

B. Price Bid :

Price Bid shall contain the following information :

1. Quotations for the item (including price break up for all the options and accessories.

2. Taxes, Duties and Levies , if applicable, should be clearly specified

3. Discount on quoted price (considering that SAMEER is a R & D Organization)

4. Total price should be mentioned in both figures and words. Alternation, if any, should be attested and attested/initiated.

5. **No negotiation will be done once the Price Bid is opened. Hence the bidders are requested to quote their price more competitive.**

6. Vendor is required to submit the price bid in the given format on their LETTER HEAD.

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TERMS & CONDITIONS FOR SUBMISSION OF TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF

1. **PRICE** : For Import Order :Prices quoted should be on FOB / FCA (nearest Intl. Airport at shipper's country) , Name of the Airport should be mentioned clearly.

For Local Order : Prices should include delivery charges up to SAMEER's Stores. Any additional charges, taxes and levies should be clearly mentioned. In the event of a Purchase Order, it will be the responsibility of the supplier to pay whatever charges are payable to different agencies in their country. The purchaser will not pay any charges other than the agreed price as per the contract.

2. **VALIDITY OF QUOTATION** : 90 days from the due date of the tender.

3. **PACKING** : All the items should be packed in suitable boxes, crated and protected from damages during the transit till delivery to destination.

4. **FREIGHT & INSURANCE** : a. For Local Order : To be arranged by supplier.

The Vendor shall be fully responsible for the safe delivery of all the items from and to SAMEER Kolkata and shall satisfy the purchaser that adequate measures have been taken for the same.

b. For Import Order : Will be arranged by SAMEER from FOB/FCA International Airport.

5. **DELIVERY SCHEDULE**: Time is essence for this tender. Delivery should be made within 45 days from the date of issue of the order. Delivery schedule should be maintained strictly otherwise **penalty** will be imposed @ 1.0% of the order value for every week subject to a maximum compensation of 10% of the contract value after which period, action will be taken by the SAMEER as will deem fit.

SAMEER may extend the time of delivery of the ordered items at their discretion on the application of the successful bidder for such purpose provided that consideration by SAMEER for the reasons of such extension is sufficient and acceptable.

6. The item and accessories quoted must be from original manufacturer and must be first purchased (No second hand/sub-item will be accepted)

7. **WARRANTY**:

Standard Warranty : Standard warranty period should be mentioned clearly which will be valid from the date of successful installation, commissioning and training.

Additional Warranty : Apart from standard warranty additional warranty (comprehensive) one year / two years / three years should be quoted separately as optional item.

8. **PAYMENT TERMS** : For Import order: 100% through Irrevocable Letter of Credit (LC) as below:
- a) 80% of the order value on submission of shipping documents to bank .
 - b) 10% on installation, commissioning, demonstration of the performance of the equipment and training. Installation report duly signed by both sides should be submitted
 - c) balance 10% on submission of warranty certificate and Performance Security (PBG).

For Local Order : 100% through NEFT /RTGS *within 30 working days after statutory deduction from Bill/Tax Invoice as below:*

- a) 90 % of the order value after delivery, successful installation, commissioning and demonstration of the performance of the equipment. Installation report to be signed by both sides should be submitted.
- b) Balance 10% on submission of warranty certificate and Performance Security (PBG).

Payment of additional warranty : cost of additional warranty will be paid on completion of each 6 month service on production of invoice. 40% advance payment can be released against submission of bank Guarantee.

9. **PERFORMANCE SECURITY** : The successful bidder has to submit Performance Bank Guarantee (PBG) for a period of standard warranty in the form of an Account Payee Demand Draft in favour of SAMEER Kolkata Centre payable at Kolkata / Fixed Deposit Receipt from an Indian commercial bank / Bank Guarantee from an Indian commercial bank / Bank Guarantee from commercial bank/ Counter Letter of Credit (LC) from reputed banks governed by RBI (in case of foreign order) / bank transfer for an amount of 10 % of Order Value. Performance Bank Guarantee should remain valid for a period of sixty days beyond the period of standard warranty. PBG will be forfeited for violation of any term and condition of the contract/Purchase Order.

10. **EXEMPTION FOR CUSTOM DUTY**: SAMEER is registered with Department of Scientific and Industrial Research (DSIR) for the purpose of availing custom duty exemption in terms of Government Notification No. 51/96–customs amended to 24 /2007–customs dated 1st March 2007.

11. **WARRANTY REPAIR** : In case the repair and service is required to be carried out outside the installation location either in India or outside India, all logistics expenditure (onward and restore to previous installation location) including freight, insurance, clearing, duties etc shall be borne by the supplier. All bank charges outside India shall be borne by the supplier. The repair should be done within the time limit as mutually agreed. Please note that if the repair takes long time, the period for which the equipment will remain defective will not be counted towards the warranty period. The specified warranty period will automatically get extended by the period for which the equipment remained defective. For this purpose, duration of the period of defect will be counted from the date on which a written complaint has been made to the date of delivery at SAMEER after repair/ servicing.

12. *SAMEER shall also not be bound to accept merely the lowest tender but the technical suitability, capability and superiority of the equipment/system as well as after sales service including infrastructure to render such service etc. shall be of prime consideration for selection of the equipment/system.*

13. *The contents in Technical Bid and Price bid will be a part and parcel of the Purchase Order to be placed on successful bidder after finalization of the tender.*
14. *SAMEER reserves the right to accept or reject any or all tenders in full or part without assigning any reason whatsoever*
15. Variation in SAMEER tender terms will not be acceptable.
16. Vendors are required to attach a list of other major Govt. organizations of installations of similar equipment in India.
17. Proper law of contract (PLC) will be the relevant Indian laws subject to Kolkata Jurisdiction.
18. *SAMEER is not responsible for non-receipt of Bid due to postal delay, loss in transit etc.*

Note : Equipment/System referred in this tender as “**Voltage Dips & Short Interruptions and Oscillatory Waves**”

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Technical Bid contains the following :

- EMD
- Tender fee
- Enclosure-I - Technical compliance Table to Enclosure-II to be submitted with duly sealed and signed on each page with necessary supporting document as asked for
- Enclosure-II - Format containing specific information to be provided and submitted with duly sealed and signed on each page with necessary supporting document as asked for
- Terms and Conditions as mentioned in Sec-II to be submitted with duly sealed and signed on each page as a token of acceptance.
- Letter of authorisation in case of Indian representative /authorized supplier from OEM
- A list of other major Govt. organizations of installations of similar equipment in India.
- Declaration
- For detailed specifications of the equipment please go to the next pages

ENCLOSURE-I

Tender Ref No. SMR(K)/Wave-Gen/EMC/18

TECHNICAL COMPLIANCE TABLE

SPECIFICATIONS OF GENERATOR FOR DIPS ,SHORT INTERRUPTIONS AND VOLTAGE VARIATION (Instrument : For voltage dips, short interruptions and voltage variations immunity tests according to IEC 61000-4-11)

TABLE - 1.

SPECIFICATIONS FOR DIPS AND SHORT INTERRUPTION GENERATOR

Instrument : For voltage dips, short interruptions and voltage variations immunity tests according to IEC 61000-4-11		
Generator Specifications		Vendor's Compliance
Open circuit output voltages and duration U_T is rms supply voltage 1 ϕ 230/3 ϕ 415 ac	0% of U_T 0.5 to 1 cycle of 50Hz 40% of U_T 5 to 25 cycles of 50Hz 70% of U_T 50 cycles and more as per product requirement.	
Output voltage change with the load at the output of the generator	100% output, 0 to 16 A 70% output, 0 to 23 A 40% output, 0 to 40 A	Less than 5% of U_T Less than 5% of U_T Less than 5% of U_T
Output current capability	16A r.m.s per phase at rated voltage. the generator shall be capable of carrying 20A at 80% of rated value for a duration of 5s. It shall be capable of carrying 23 A at 70% of rated voltage and 40 A at 40% of rated voltage for a duration up to 3s	
Peak inrush current drive capability (not required for voltage variation test)	Not to be limited by the generator. However, the maximum peak drive capability of the generator need not exceed 500 A for 220 V-240 V mains	
Overshoot/undershoot of the actual voltage, generator loaded with 100 Ω resistive load	Less than 5% of the change in voltage	
Voltage rise (and fall) time during abrupt change, generator loaded with 100 Ω resistive load	Between 1 μ s and 5 μ s	
Phase shifting (if necessary)	0 ^o to 360 ^o	
Phase relationship of voltage dips and interruptions with the power frequency	Less than \pm 10%	
Zero crossing control of the generator	\pm 10%	

Signature with seal of the authorized person

TABLE - 1.1**VERIFICATION OF THE CHARACTERISTICS OF THE VOLTAGE DIPS, SHORT INTERRUPTIONS GENERATORS**

Sl.no	PARAMETERS OF THE GENERATOR	MEASURED RESULT
1	100% r.m.s output voltage of the generator (no-load output)	
2	80% r.m.s output voltage of the generator (no-load output)	
3	70% r.m.s output voltage of the generator (no-load output)	
4	40% r.m.s output voltage of the generator (no-load output)	
5	Load regulation shall not exceed 5% for 16A loading at 100%, and specified percentages for 23A loading at 70% and for 40A loading at 40% .	
6	Duration for verification of above parameters For 80% of nominal voltage duration of verification shall be maximum 5s For 70% and 40% of nominal voltage duration of verification shall be maximum 3s	
7	Inrush current driving capability > 500A	
8	Verification of switching characteristics (to be verified with 100Ω load with suitable dissipation capacity)	
9	To be verified rise and fall time at phase angle 90 ⁰ and 270 ⁰ , variation of output from 0% to 100%, 100% to 80%, 100% to 70%,100% to 40% and 100% to 0%.	

Signature with seal of the authorized person

TABLE - 2

SPECIFICATIONS FOR RING WAVE GENERATOR

SL.No	TECHNICAL REQUIREMENTS/SPECIFICATIONS OF SAMEER	VENDORS COMPLIANCE	REMARKS
	INSTRUMENT : Ring wave immunity test generator as per IEC 61000-4-12		
1	Voltage rise time (first peak)	0.5 μ s \pm 30% (Open circuit condition)	
2	Current rise time	\leq 1 μ s (Short circuit condition)	
3	Voltage Oscillation frequency	100 KHz \pm 10%.	
4	Transients Repetition	1 to 60 transients per minute	
5	Decaying (voltage only)	0.4 < ratio of PK ₂ to PK ₁ < 1.1 0.4 < ratio of PK ₃ to PK ₂ < 0.8 0.4 < ratio of PK ₄ to PK ₃ < 0.8 No requirement for other peaks	
6	Output impedance	12 Ω and 30 Ω \pm 20% (switchable)	
7	Peak open circuit voltage	250V to 4Kv \pm 10%	
8	Short circuit current(PK1 value)	333A \pm 10% for 12 Ω generator impedance 133A \pm 10% for 130 Ω generator impedance	
9	Phase relationship with power frequency	In a range 0 ^o to 360 ^o relative to phase angle of a.c. line voltage to the equipment under test with a tolerance of \pm 10%	
10	Polarity of the first half period	positive and negative	

Signature with seal of the authorized person

TABLE - 3

SPECIFICATIONS OF SLOW DAMP OSCILLATORY WAVE GENERATOR

SL.N O	TECHNICAL REQUIREMENTS/SPECIFICATIONS OF SAMEER	VENDORS COMPLIANCE	REMARK S
1	INSTRUMENT : Slow Damp Oscillatory wave immunity test generator as IEC 61000-4-18		
	Voltage rise time (first peak)	75ns ± 20% (Open circuit condition)	
	Oscillation frequency	100 KHz and 1 MHz ± 10%.	
	Repetition rate	At least 40/s for 100KHz and 400/s for 1MHz	
	Optional repetition rate	4*10 ⁻⁴ X oscillation frequency	
	Decaying	PK5 value must be > 50% of PK1value PK10 value must be < 50% PK1 value	
	Burst duration	Not less than 2s	
	Output impedance	200Ω	
	Peak open circuit voltage	12. 250 V to 2.5 KV (± 10%)	
	Short circuit current(PK1 value)	1.25 A to 12.5A ± 20%	
	Phase relationship with frequency	No requirement	
	Polarity of the first half power	positive and negative	

Signature with seal of the authorized person

TABLE - 4

SL.No	TECHNICAL REQUIREMENTS/SPECIFICATIONS OF SAMEER	VENDORS COMPLIANCE	REMARKS
	SPECIFICATIONS FOR COUPLING NETWORK A.C/D.C COMMON TO BOTH IEC 61000-4-12 AND -4-18		
	Efficiently facilitate application of test voltage in either L-L or L-G mode to the power supply as well as signal lines. Network must not influence specified parameters of the generator	Coupling capability suitable for selected impedances are as follows <ul style="list-style-type: none"> •0.5 µf for 200 Ω •3µf (minimum) for 30Ω •10µf (minimum) for 12Ω •33nf for 3,10 and 30MHz FDOW •coupling attenuation < 1dB 	
	DECOUPLING NETWORK FOR A.C/D.C POWER SUPPLY PORTS		
	<ul style="list-style-type: none"> •L-G MODE decoupling (attenuation) •L-L MODE decoupling (attenuation) • Insulation with stand capacity of the coupling capacitors with 1.2/50 µs wave • Current capability • number of phase 	<p>20DB</p> <p>30 DB</p> <p>5KV</p> <p>according to the current rating of power supply port</p> <p>one or three as required</p>	

Signature with seal of the authorized person

Important information:

ii. **Modification in the specification, If any, may be indicated. Decision of SAMEER regarding acceptability of deviation in specifications is final and to be bound by the bidder.**

iii. You are requested to submit a **Full Technical Documents** giving all relevant information in support of above technical compliance table in absence of technical bid will not be considered.

For any Technical Clarification, please contact our Engineer Shri Dipankar Dan, Scientist-E (email: emiemc@mmw.sameer.gov.in OR dipankar.sameer@gov.in) / Ph: +91-33-2357-4875 Extn (103)

Signature with seal of the authorized person

ENCLOSURE-II

Tender Ref No. : SMR(K)/Wave-Gen/EMC/18

ALL PARTICULARS / INFORMATION SHOULD BE GIVEN IN THE FOLLOWING FORMAT WITH COMPLETE DETAILS WHICH WILL BE CONSIDERED DURING EVALUATION OF TECHNICAL BID FOR SELECTION OF QUALIFIED BIDDERS ALONG WITH TECHNICAL SUITABILITY AS PER ENCLOSURE-II

Sl. NO.	Information required	Corresponding information to be provided by supplier along with supporting signed document to be enclosed wherever applicable.
1	For local bidder : Name & Address of the Firm / Bidder with Telephone Number Name of concerned person with phone and email ID	
	For foreign bidder : Name & Address of the Principal: <i>Name of concerned person (Indian Representative) with phone and email ID</i>	
2	<i>Whether service facility available in India, please mentioned location</i>	
3	Back ground details of the manufacturer (OEM) State whether original manufacturer (OEM/authorized dealer / Authorized Indian representative of foreign principal. Authorization certificate must be submitted along with technical bid in case of Indian representative / dealer	
4	Past experience : OEM/Supplier shall submit a statement in supplying the same equipment in the Govt offices / reputed private bodies in India in last 10 years	
8	Mention GST Registration Number and attach valid GST Registration Certificate in case of local suppliers of India.	

I/We hereby declare that the above statements are true. I/We also declare that the decision of SAMEER regarding selection of eligible firms for opening of Price Bid shall be final and binding on me/us.

Signature with seal of the authorized person

(should be provided in the firm`s letter head)

Tender No. :SMR(K)/Wave-Gen/EMC/18 dt 28th Nov, 2018

DECLARATION

We do hereby accept the “Terms & Conditions” as provided by SAMEER along with the Tender documents for supply, installation and commissioning of “**VOLTAGE DIPS & SHORT INTERRUPTIONS AND OSCILLATORY WAVES**” with all standard accessories and also undertake to supply the said equipment within the scheduled delivery period strictly as per Technical Specifications as provided along with the tender documents, in the event of placement of any order on us. The SAMEER shall be at liberty to cancel the order in full or part, in the event of failure of the above declaration made by us.

Signature with date and official seal of the authorized person

Vendors are requested to submit the price bid as per below format on their LETTER HEAD.

Format for Price Bid (in INR)

ESSENTIAL ITEM:

SRL NO.	DESCRIPTION	QUANTIT Y	RATE IN INR	PRICE IN INR
1	COST OF EQUIPMENT-“Voltage Dips & Short Interruptions and Oscillatory Waves” as per specifications mentioned in Enclosure-I of Technical Bid of the referred tender including installation and commissioning and training containing the following accessories /items			
	Break up of all accessories/items			
	Total cost of the equipment with installation and commissioning (considering above accessories /instruments)	1	----	
2	Less : Discount (considering SAMEER as R & D Organization), if any	-----	-----	
3	Cost of the equipment after discount			
OTHER CHARGES				
4	Add : Packing charges, if any			
5	Add : FREIGHT (from Vendor’s manufacturing facility to SAMEER KOLKATA)			
6	Add : INSURANCE			
7	Add : ADDITIONAL CHARGES, if any			
8	TOTAL (Excluding Tax) [Total of Srl No. 4 to srl No.7]			
9.	Add : TAXES AND DUTIES APPLICABLE			
	I. (pl specify)			
	II.			
	TOTAL (F.O.R, SAMEER) INCLUDING ALL (Srl No. 8 + Srl No. 9)			
TOTAL AMOUNT (IN WORDS)				

OPTIONAL ITEM :

Optional item : Supplier may quote separately (Not for price comparison) as per above format for additional item /items deemed necessary for better performance as optional as below:

- i. Additional warranty for one year and 2 years separately on completion of standard warranty
- ii. Optional items /accessories

Signature with date and seal of the authorized person

Vendors are requested to submit the price bid as per below format on their LETTER HEAD.

Format for Price Bid (in Foreign Currency)

ESSENTIAL ITEM:

SRL NO.	DESCRIPTION	QUANTITY	RATE	PRICE
1	CHARGES OF EQUIPMENT “VOLTAGE DIPS & SHORT INTERRUPTIONS AND OSCILLATORY WAVES” as per specifications mentioned in Enclosure-I of Technical Bid of the referred tender including installation and commissioning containing the following accessories /items Break up of all accessories/items			
	Total cost of the equipment (composite of above accessories /items) and including installation and commissioning	1	----	
3	SUB TOTAL			
4	Less : Discount (considering SAMEER as R & D Organization), if any			
5	SUB TOTAL after discount (Srl No. 3 – Srl No. 4)			
6	Add : Packing , forwarding , insurance etc, IF ANY			
7	TOTAL CHARGES (Srl No. 6 + Srl 7) (FOB/FCA, Name of International Air port, Foreign Country)			
TOTAL (IN WORD):				

OPTIONAL ITEM :

Optional item : Supplier may quote separately (Not for price comparison) as per above format for additional item /items deemed necessary for better performance as optional as below:

- i. Additional warranty (comprehensive) for one year and 2 years separately on completion of standard warranty
- ii. Optional items /accessories

Signature with date and seal of the authorized person