

NTC/SRO/CPC/SRO/PION/HARMONIC-FILTER/18

Dt: 21.12.2018.



**NATIONAL TEXTILE CORPORATION LTD.,
(SOUTHERN REGIONAL OFFICE),
(A Government of India Undertaking)
35 – B, SOMASUNDARAM MILLS ROAD,
COIMBATORE 641009**

Phone No. 0422-2231161 & 2230191 Fax No. 0422-2232171

Web Site : www.ntcltd.org

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**Sealed tenders are invited from interested Suppliers for Supply of
“HARMONIC FILTERS ACTIVE /PASSIVE IN PIONEER SPINNERS ONE OF
THE SRO UNIT MILLS”.**

(TECHNICAL BID)

Pre bid Meeting on **31.12.2018** at 11.00 A.M

Last date for submission of Tender
21.01.2019 upto 3.00 PM

Date for Opening of Tender (Technical Bid)
21.01.2019 at 4.00 PM

(Tenderers are advised to submit by way of soft copy of their price bids only on E-Box through our E.mail ID: purchase.ntcsro@ntcltd.org on or before 21.01.2019 upto 3.00 P.M.)



नेशनल टेक्सटाइल कारपोरेशन लिमिटेड,
National Textile Corporation Limited
दक्षिणी क्षेत्रीय कार्यालय SOUTHERN REGIONAL OFFICE
(भारत सरकार का उपक्रम)
(A GOVERNMENT OF INDIA UNDERTAKING)

एन टी सी हाउस, पो.बा.सं० 2409,
35-बी, सोमसुंदरम मिल रोड, कोयंबटूर - 641 009.
फोन -2231665/2230667, फैक्स : 91-422-2232171

NTC House, P.O. Box No. 2409
35-B, Somasundaram Mills Road, Coimbatore - 641 009.
Telephone : 2231665 / 2230667, Fax : 91-422-2232171
E-mail: ntcstro@bsnl.in

NTC/SRO/CPC/SRO/PION/HARMONIC-FILTER/18

Dt: 21.12.2018.

Tender Notice

Sealed tenders are invited for the " Design & Supply of "HARMONIC FILTERS IN PIONEER SPINNERS ONE OF THE SRO UNIT MILLS". Adequate Harmonic Filters to be designed Supplied and installed at Incomers and Transformers to derive the required rating of Active/Passive Harmonic Filters to minimise / mitigate and to maintain the Harmonics, well within the Permissible limits as specified by CEA regulations TANGEDCO Norms and to Improve and Maintain the PF @ the minimum of 0.99 Lag

ELIGIBILITY CRITERIA FOR PARTICIPATION IN TENDER.

- a) The tenderer should have satisfactorily completed at least three works of similar nature in /Private /Central Govt/ State Govt /PSU in any Textile industrial units having value not less than 75% of the estimated cost of the tender during the last three years reckoned from the date of NIT. And based on the Submitted Audit report, Customer should have Supplied and installed the Harmonics successfully. The firm's work execution turnover per year shall not be less than Rs. 3 Crores for the past three years (Average) reckoned from the date of NIT. Documentary proof of satisfying above conditions are to be furnished along with the tender.
- b) The tenderer shall submit Chartered Accountant Certificate for the turnover and valid registration Certificate with attested copies as applicable along with tender. The permanent account number (PAN) should be quoted in the tender along with a Certified copy of PAN card.
- c) List of works completed of the requisite magnitude along with attested copies of completion Certificate and testimonials of their satisfactory completion from the department concerned should be attached with the tender.

d) Hard Copy Price Bid Shall not be accepted. Only soft copy to be send to be E-Box through our E.mail ID purchase.ntcsro@ntcltd.org on or before **21.01.2019** upto 3.00 P.M.

TENDER SCHEDULE

1.	NAME OF WORK	Design Supply and installation of “HARMONIC FILTERS IN PIONEER SPINNERS ONE OF THE SRO UNIT MILLS”. Adequate Harmonic Filters to be Supplied and installed at Incomers and Transformers to derive the required rating of Active/Passive Harmonic Filters to minimise / mitigate and to maintain the Harmonics, well within the Permissible limits as specified by CEA regulations TANGEDCO Norms and to Improve and Maintain the PF @ the minimum of 0.99 Lag
2.	ESTIMATED COST	Rs 50.00 Lakh
3.	EARNEST MONEY DEPOSIT	Rs 1.25 Lakh
4.	TIME FOR COMPLETION OF WORK	One Month
5.	COST OF TENDER DOCUMENT	Rs.1000/+ 12% GST
6	PRE BID MEETING	31.12.2018 at 11.00 PM
6.	LAST DATE FOR SUBMISSION	21.01.2019 UP TO 3.00 P.M
7.	DATE & TIME OF OPENING TECHNICAL BIDS	21.01.2019 AT 4.00 P.M

LAST DATE FOR SUBMISSION OF TENDER: 21.01.2019 UP TO 3.00 PM

DATE OF OPENING OF TENDER (TECHNICAL BID) :21.01.2019 AT 4.00 PM

(Tenderers are advised to submit price bids by way of soft copy only on E-Box through our E.mail ID : purchase.ntcsro@ntcltd.org on **21.01.2019** up to 3.00 PM)

TENDER DOCUMENTS FOR SUPPLY OF HARMONIC FILTERS AT PIONEER SPINNERS

TECHNICAL DETAILS

Design, Supply and installation of “HARMONIC FILTERS IN PIONEER SPINNERS one of the SRO UNIT MILLS”. Adequate Harmonic Filters (Active/Passive) to be Supplied and installed at Incomers and Transformers to derive the required rating of Active & Passive Harmonic Filters to minimise / mitigate and to maintain the Harmonics, well within the Limits of TANGEDCO as per the CEA Regulations. And to Improve and Maintain the PF @ minimum of 0.99 Lag.

Norms and Limit for Harmonics:-

The adequate Harmonics filters (Active/Passive) to be installed and to avoid the dumping of Harmonics level beyond limits as specified below as follows :

Total Harmonic Distortion for Voltage (V THD) should be less than - 4%
Individual order harmonic in Voltage should not exceed - 2%
Total Harmonic Distortion for Current Harmonics should be less than - 6%

Scope of Work:-

To install the following active/ Passive harmonic filter at main incomer as optional solution .

1) Installed Transformer Details

Unit 1 -Transformer 1 & 2 (Each having 1600 KVA with OLTC)
Unit 2 – Transformer 1 & 2 (Each having 1600 KVA with OLTC)

2) Field Harmonics Measurement Study Report in Pioneer Spinners:

The tenderers are advised to take the actual Harmonics measurements in Pioneer Spinners – Kamuthakudi – Paramakudi i.e measured values of power quality parameters as follows.

- a) Individual Voltage harmonic distortion level
- b) Total voltage Harmonic distortion
- c) The Total current harmonic distortion (TDD) level

Based on the studied field measurement harmonic report, the tenderers are advised to submit their suitable technical specification in the tender.

Note: The field harmonic measurement study shall be conducted for arriving the power quality parameters as per the IEC standards , with a Class “A” complied instrument.

3) Previous Successful Experience’s Field Harmonics Study report:-

The Tenderers are instructed to submit their previous successful completion of harmonics installations “ Filed Harmonic Measurement” reports before installing the adequate harmonics filters, and after the installation of harmonics filters, and meeting the CEA regulations as per TANGEDCO. Preferably the field harmonics measurement report studied by TANGEDCO will be better.

TERMS AND CONDITIONS :

- 1 Copies of current IS certifications or IEC standards compliance certificates shall be enclosed along with Technical bid, which is compulsory.
- 2 Offers are to be submitted along with a guarantee for a period of 24 months from the date of commissioning (replacement in the event of Failure of Components)
- 3 Tenderers have to indicate the delivery period required for supply of these Equipment's.
- 4 The tenderer shall submit along with their tender, a list mentioning the names of manufacturer of specialized items, satisfying conformity of standards which is proposed to be used if the tender is accepted.

THE SCOPE OF ACTIVE / PASSIVE FILTERS:-

- a) To Manufacture/procure Active and Passive filters matching the schedule of requirements
- b) To Manufacture/procure necessary accessories including CTs, PTs, base frames, power and control cables.
- c) To arrange inspection by NTC official routine/ acceptance of active / Passive filter accessories.

d) To undertake all required minor civil works (like establishing ducts, cable trays, wall opening earthing pits etc whatever may be required) in related to logistic, erection and commissioning of filters including cabling.

e) To erect/install adequate with necessary accessories.

f) The scope of the works shall completely cover the works such as arranging inspection of routine /acceptance of materials used execution and testing as per specification , packing forwarding, supply of equipment's and materials at site including insurance and transporting by road / Air (or) any other mode

g) Training needed for our mills staff on working principle, technology, maintenance and failure trouble shooting.

h) The Principal Manufacturer of filters, or its authorized representatives in India is only eligible to quote for the tender. The manufacturer of the FILTER should also have their own office in India. The principal manufacturer or its authorized representative in India should have their own service center. The relevant supportive documents shall be submitted along with the tender offer.

i) A letter from the manufacturers (Memorandum of Understanding –MOU) shall be required and to be submitted along with tender document where in manufacturer has authorized the bidder to participate in this tender on their behalf. A letter from manufacturer that the facilities required for take up manufacturing and testing is available in their facility.

j) In case of any termination or dispute of contract/agreement/relationship between Authorized representative and OEM (Original Equipment Manufacturer), OEM will be laid with full responsibility of carrying the work as mentioned in the tender document. An undertaking for the same from the OEM is required to be submitted in the technical bid.

k) Drawing and plans pertaining to System/sub-system design, AC & DC power distribution system, network design & protection system, installation drawings including foundation and mounting arrangement drawings etc. shall be prepared and submitted to the Mills for approval. The work at site shall commence after the design and drawings are approved by NTC.

TECHNICAL DOCUMENTS

The following technical documents and other information are to be furnished along with the equipment are required to be submitted in the technical bid

- (i) Detailed technical description of each of the equipment offered,
- (ii) Documents for installation details etc.,
- (iii) As Built General Arrangement drawing for Each substation separately
- (iv) As built Internal (both Dc & AC) wiring of active filters if any.
- (v) Details of instruction for manual operation and maintenance of the servicing equipment supplied.
- (vi) Suitable components test reports to be enclosed (Type/routine/site test)
- (vii) Details of test accessories and test facilities provided along with write up testing and troubleshooting procedures. Technical literature of equipment to be supplied, along with the supply of materials.
- (viii) All necessary software/ Originals CD/DVDs which are part of technical equipment .
- (ix) Guarantee/Warranty certificate to include the " Two year " period, which is essential.

Concession/Exemptions for MSEs Entrepreneurs:-

As per the Gazette of India notification dated 23rd March,2012 the MSEs registered with District Industries Centers or Khadi and Village Industries Commission or Khadi and Village Industries Board or Coir Board or National Small Industries Corporation or Directorate of Handicrafts and Handloom or any other body specified by Ministry of Micro, Small and Medium Enterprises, are exempt from payment of EMD and the tender cost and concessions therefore, the tenderer to specify whether they are Micro or Small Enterprises and if so whether they are owned by SC/ST Entrepreneurs supported by copies of Registration Certificate issued by the authorities concerned, so as to consider for granting the MSEs necessary concession/exemptions as per Government Directives.

Implementation of Integrity pact in NTC :

Tenderers are requested to go through the implementation of Integrity pact in NTC which is attached as **Annexure-A**. This tender is hosted on our official website: www.ntcltd.org along with the copy of the Integrity pact, which may be downloaded and submitted duly signed with seal, along with the tender. "Only those vendors /bidders, who commit themselves to Integrity pact would be

considered competent to participate in the bidding process. The name of the Independent External Monitors (IEM) is Transparency International India. (TII). This tendering process is being monitored by Independent External Monitor, Sh. Kalyan Chand, IRS (Retd.), at Corporation office of NTC i.e (5th Floor, Core-IV Scope Complex , 7 Lodhi Road, New Delhi – 110003) M.No – 9968095320. If any party is aggrieved they are free to approach the said IEM in terms of Integrity Pact”.

Undertaking

An undertaking to the effect to be given by the bidder(in case of representatives both Manufacturer and its representative have to submit) that they have NOT been Black listed /Debarred by any Government/Government undertaking/semi Government/ Govt. Controlled Institutions/projects/Reputed private organizations in India or Abroad.

Training

1. The Tenderer shall impart professional training both classroom and practical training at our NTC premises on the following heads

- Working principle of system
- Technology used
- Maintenance
- Failure trouble shooting
- Interface SCADA operation

Cost involved in travel, accommodation or any other expense related to the trainer shall be born by the tenderer only.

2. O&M manual shall be prepared and submitted as apart of supply and training.

TENDER FORM :

Tender forms can be obtained from this Office on payment of Rs 1,000/-+ 12% GST [Rupees One Thousand only] by way of a crossed demand draft drawn in favour of “ National Textile Corporation Limited “ payable at Coimbatore. This can also be downloaded from our web site www.ntcltd.co.in .

EARNEST MONEY DEPOSIT:

Tenderers should enclose a crossed Demand draft for a sum of Rs 1.25/-lakh (Rupees One lakh and Twenty five Thousand only) drawn any Nationalized bank in favor of “National Textile Corporation Limited”, Payable at Coimbatore. This should be enclosed in the Technical bid cover. Tenders without EMD will be summarily rejected.

REFUND OF EMD :

1. EMD of tenderers whose technical bids are not considered by us shall be refunded within 15 days from the date of opening of the technical bid. This amount will not carry any interest.
2. EMD of other tenderers excepting L 1 to L 3 will be refunded within 15 days from the date of opening of the Price bid. This amount will not carry any interest.
3. EMD of successful tenderer(s) will be returned after satisfactory commissioning of the equipment's, whose works are entrusted to them, to the specified parameters and furnishing guarantee as required by us. This amount will not carry any interest.

SUBMISSION OF BIDS :

The tenders shall be submitted in two parts comprising Part I and Part II. Part I (Technical bid) containing commercial terms and conditions, technical aspects of the tender such as equipment data sheet, tests and inspections, makes of materials, technical description, drawings etc., in an envelope super scribed as Part I (Technical bid).

Part II (Price bid) shall contain the Bill of materials as sought with the rates. Part II shall not contain any other terms and conditions, conditional discount or rates/amounts for any additional items of work. (Tenderers are advised to submit price bids by way of soft copy only on E-Box through our E.mail ID : **purchase.ntcsro@ntcltd.org** on **21.01.2019** up to 3.00 PM)

CENTRAL PURCHASE COMMITTEE,
NATIONAL TEXTILE CORPORATION LIMITED,
SOUTHERN REGIONAL OFFICE,
35 – B, SOMASUNDARAM MILLS ROAD,
COIMBATORE – 641 009.

LAST DATE FOR SUBMISSION OF BIDS :

The tenders as prescribed in this notice will be received at our Office at the address mentioned above till 3.00 PM on **21.01.2019**.

Tenderers who have down loaded the forms from web site should enclose a crossed demand draft for Rs 1,120/- (Rupees One thousand one hundred and twenty only) drawn in favor of “ NATIONAL TEXTILE CORPORATION LIMITED “ payable at COIMBATORE and enclose the same along with the technical bid. Failure to do so will be treated as a disqualification.

GENERAL PAYMENT TERMS

ADVANCE PAYMENT: –

1) 10% of Basic Price of materials value shall be payable to the contractor as mobilization advance within 15 days of placing the order and execution of the agreement against submission of Bank Guarantee of 110% Value of the advance amount in the same currency from Nationalized / scheduled commercial Bank (excluding co-operative / rural bank) notified by RBI. The B.G. validity period should be for 9 months or intended to cover till successful completion of work and the said BG shall be released only after successful completion of the work.

2) 50% of basic price of materials plus 100% duties and Taxes and other levies such as Transport and Insurance etc. will be release within 30 days after verification of materials and documents etc. physically by mills.

3) 30% of Basic Price of material value plus supervision, installation and commissioning charges (including GST)within 15 days after successful completion of the work certified by mills.

4) 10% of the Basic pay shall be released only after the defects liability and performance guarantee paid after completion of installation of two years.

PERFORMANCE BANK GUARANTEE (PBG)

The successful bidder after completion of installation shall furnish a Performance Bank Guarantee (PBG) valid for 2 years for 10% of value from a Nationalized Indian Bank for release of the retention amount of 10% of the basic value. The expenses to be incurred for the making Performance Bank Guarantee (PBG) shall be borne by the tenderer.

NOTIFICATION OF COMPLETION

Notification of completion in regard to system at the mills shall be made to the mills immediately on commissioning.

Consequences of rejection

If on the inspection, if any equipment supplied is found to be not matching the requirement of purchaser as mentioned in the tender document and are being rejected by the officer from NTC Mills or its representatives, the tenderer would be required to make satisfactory supplies of equipment meeting the requirement as mentioned in the tender document within (the stipulated period) seven days.

ARBITRATION

In case of any disputes arising between the purchaser and the bidder, the matter will be referred to the Arbitrator solely appointed by the **OFFICER INCHARGE, SOUTHERN REGIONAL OFFICE**. All the decisions made by the Arbitrator shall be final and binding to both the parties.

Cost of Arbitration

The cost of arbitration shall be borne by both the parties. The cost shall, inter alia, include the fees of the Arbitrator(s) as per rates fixed by the Employer from time to time.

Jurisdiction of Courts

Where recourse to a Court is to be made in respect of any matter, the Employer and the Contractor agree to the sole jurisdiction of courts in Coimbatore.

Suspension of Work On Account Of Arbitration

There should be no impact on the ongoing Supply, Erection, Testing, Commissioning, system in case the matter is referred to Arbitration.

Commissioning: on receipt of statutory inspection approval which may be required, the tenderer shall commission the system duly complying all punch

points ensuring safety to personals and other equipment existing in the substation

Work completion certificate: On commissioning duly complying all punch point the completion certificate raised by tenderer shall be approved.

Performance certificate: performance certificate shall be issued by tenderer on successful implementation of the system for a period of 2 year from the date of commissioning. 10% retention money shall be released, and the PBG will also released after 2 years only.

Final acceptance certificate after successful completion of satisfactory performance after or 2 years from commissioning of all equipment of the tender as Final acceptance certificate shall be issued. The Purchase Order shall be deemed to be completed on receipt of the performance certificate only.

VALIDITY OF THE OFFERS :

The prices offered should be kept unchanged without escalation till 6 MONTHS.

OPENING OF BIDS :

Part I (Technical bid) of the Tenders received by this office as prescribed above will be opened in the presence of tenderers who choose to be present at 4.00 PM on 21.01.2019.

NTC Limited reserves it's right to modify/alter the terms of this tender; accept/reject any/all offers; postpone/cancel the tenders – without assigning any reasons thereof, which will be binding and final.

CENTRAL PURCHASE COMMITTEE,
NATIONAL TEXTILE CORPORATION LIMITED,
SOUTHERN REGIONAL OFFICE,
35 – B, SOMASUNDARAM MILLS ROAD,
COIMBATORE – 641 009.

CORRIGENDUM :

Any changes in the specifications or change in date of opening the tender will be issued as a CORRIGENDUM in our web sites only. Tenderers who has responded before the due date should visit our web sites on this for information. No separate communication will be sent on this aspect

Technical Specification enclosed for Active Harmonics Filters:-

S.No	Specifications	Expected Performance	Supplier Specification
1	Make & Part No		
2	Product Description/Control Topology	Active Harmonic Filter shall be of digitally controlled close loop system with CT sensing for load variation. AHF shall have high speed IGBT and heavy duty capacitors to withstand the stress occurring during high speed switching of IGBT and in turn have better reliability. AHF design shall be very compact, energy efficient to have minimum power loss. AHF shall respond for load variation very quickly several times within one half cycle of supply frequency in order to capture the fast variations occurring in the load current. AHF shall have control topology of digital with FFT analysis and dynamically respond to achieve harmonic mitigation within 4 to 5%.	
3	THDi at PCC point	<4-5% After Installation of harmonic suppression unit to meet TANGEDCO norms and meeting IEEE 519 Std Measurement to be done using Class -A accuracy meter as required by TANGEDCO	

4	Response time	Should be <300 μ sec(micro seconds)	
5	Modularity	modular configuration to add additional ratings in parallel (having different rating choices) - upto 5 nos in parallel	
6	Power losses at rated load	In watts <3000W	
7	Harmonic compensation capacity	Should be from 2nd to 50th order -individually programmable	
8	Overloading Capability(peak)	2 times the rated compensation current	
9	Rated Compensation Current (Phase, Neutral)	Neutral Compensation should be 2.5times the phase compensation	
10	Operating Voltage ,frequency	380V+/- 15% to 415V +/- 10%; 50Hz +/-3 hz	
11	Protections	Over current, Automatic derating upon temperature exceeding the safe limit,DC link over voltage	
12	AHF type	3ph 4 wire with neutral compensation	
13	Adaptivity to load variation	Should respond to all load conditions	
14	Auto Restart	Should restart automatically after power intrusion	
15	Fault Restart	Should able to restart automatically after any fault like over current, high temperature and so on.	
16	IP/NEMA class	IP20 or better	
17	Ambient Temperature	35C to 40C	
18	Cooling System	Forced air cooling with dust filter/optionally with cooling unit	
19	Derating range beyond max temperature	Derating (2% 10 C up to 50° C (centigrade)	

20	Relative Humidity -max International Standards/approvals	95% non condensing CE Standard	
21	Human machine interface	Keypad, display and light indication	
22	Network accessibility	RS485/modbus TCP/IP ETHERNET	
23	Event Logs	Should able to retrieve the event logs from unit	
24	CT Specification	2000:5A, Burden: 20VA, Class: 0.5 split core suitable for existing bus bar in all SDB's-Syntel both bottom/top entry through cable gland plates ,all	
25	Cable Entry Cable Type (Ph, N, PE, CT- for current transformer)	input/output cable ,necessary junction boxes, termination, cable lugs ,earthing. Installation should be as per CEIG guidelines ,be CEIG compliant. XLPE ,copper cable for CT(2 runs / phase total 6 runs – Each 60 A	
26	Panel specification	Rittal or equally reputed make, Dip coat-primed, powder- coated in textured RAL 7035, r/h door hinge, Fitted single mounting plate and STD gland plate- Zinc-Plate with proper dust fillter, lock arrangement	
27	Adequate Surge protection	Suitable protection to be designed and installed in the system (applicable area's) to avoid the “ SURGE”.	

Technical specification enclosed for Passive Harmonics Filters:-

Sl. No.	ITEMS	PARTICULARS	Supplier Specification
1	Rating of APFC Panel		
2	Panel Ratings:	440VAC, 50 Hz, 3 Phase 4 Wire	
3	<u>Enclosure Details:</u> Material: Thickness of Sheet Steel Used	Free standing, Floor Mounting, Non-Compartmentalized, Indoor Type CRCA Frame-2.0 mm, Doors-2.0 mm, Partitions-1.6mm	
4	Switching Protection Cable Entry Painting	Auto/manual >=IP -20 Bottom RAL 7032, Powder Coated	
5	<u>Bus bar Detail</u> Material Cross-section Bus bar Supports Fault Level	Copper Suitable SMC/DMC 36kA	
6	<u>Switchgear Details:</u> Incomer Step Protection: Swtiching	MCCB, 3P, 36kA TMD type MCCB with O/L & S/C Protection MCCB, 3P, 25kA TMD type MCCB with O/L & S/C Protection Capacitor Duty Contactor or Power Contactor	
7	Reactors:	5.67%, Copper Wound reactor, as per IEC 60076-6 440V, 50Hz Class H, Ambient Temp upto 50°C , Low loss, with Over Temp trip connector	
8	<u>Capacitors</u>	MPP - Heavy Duty Can/Box 525V 3Ph, Non-PCB PU Resin impregnated, Peak Inrush Current 350xI _N , Temp Category upto 60°C	
9	No of Steps	As per your design with Highest Step as 50KVAR	
10	Cables:	Appropriate size of make LAPP/Polycab/Finolex/Miracle NYVIN	
11	APFC Relay	6 step / 8 Step / 12 Step, 440V, 5A	
12	Adequate Surge protection	Suitable protection to be designed and installed in the system (applicable area's) to avoid the " SURGE".	
13	<u>Other Panel Features</u> :R, Y, B - Phase Indicating LED Lamps, Step Indicating Lamps (Green & Red LEDs), Auto/Manual Selector Switch, ON/OFF Push Buttons, Digital Power Meter, Current Transformer 10VA, CI0.5 - 3 Nos Reactor should not be mounted near the capacitors. Reactors should be mounted on the channels or steel rails and should not be mounted on a sheet, which blocks the ventilation There should be adequate ventilation to provide sufficient cooling and air flow from bottom to top of the Panel. Air within the panel must flow upwards and bottom air inlet must be as low as possible for better ventilation. Cooling Fans to maintain Maximum internal temperature below 55°C.		

Annexure I

CHECKLIST TO BE SUBMITTED BY THE BIDDER ALONG WITH APPLICATION

Name of work: To Design, Manufacture, Supply, erection, testing and Commissioning of suitable Active/ passive harmonics filter for 33/22/11 KV HT installations.

1	Name, Address, Organization ID, Tel/Fax No. and e-mail address of the bidder	
2.1	Enlistment/Registration details	
2.2	Electrical Contractor's License/ Issuing authority	
2.3	PAN No.	
2.4	GST Tax Registration No.	
2.5	EPF Registration	
2.6	ESI Registration	
2.7	NSIC certificate if registered in the appropriate field	
3.0	Experience certificate details	
3.1	Work No. 1	
3.1.1	Name of work	
3.1.2	Name of the organization/ department where work has been executed	
3.1.3	Date of start	
3.1.4	Date of completion (Stipulated)	
3.1.5	Date of completion (Actual)	
3.1.6	Completion cost	

4.1	Work No. 2	
4.1.1	Name of work	
4.1.2	Name of the organization/ department where work has been executed	
4.1.3	Date of start	
4.1.4	Date of completion (Stipulated)	
4.1.5	Date of completion (Actual)	
4.1.6	Completion cost	
5.1	Work No. 3	
5.1.1	Name of work	
5.1.2	Name of the organization/ department where work has been executed	
5.1.3	Date of start	
5.1.4	Date of completion (Stipulated)	
5.1.5	Date of completion (Actual)	
5.1.6	Completion cost	
6.0	<u>Annual Financial Turnover</u>	
6.1	Year 2014-15	
6.2	Year 2015-16	
6.3	Year 2016-17	
6.4	Year 2017-18	
6.5	Average	
7.0	Details of any other information	

DECLARATION

ANNEXURE - I

REF:NTC/SRO/CPC/SRO/PION/HARMONIC-FILTER/2018 Dt: 21.12.2018.

(TO BE ENCLOSED ALONG WITH TECHNICAL BID)

I/We have fully understood and accepted in to the terms and conditions of this notice and have made my/our offer keeping in view these terms and conditions.

PLACE :

SIGNATURE

DATE :

SEAL

INTEGRITY PACT
Between
National Textile Corporation Limited (NTC) hereinafter referred to as
“The Principal”
and
_____ hereinafter referred to as
“The Bidder/Contractor”

Preamble

The Principal intends to award, under laid down organizational procedures, contract/s for _____ to _____. The Principal values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/ transparency in its relations with its Bidder(s) and/or Contractor(s).

In order to achieve these goals, the Principal will appoint an Independent External Monitor (IEM), who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section 1- Commitments of the Principal

1. The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:-
 - a. No employee of the Principal, personally or through family members, will in connection with the tender for or the execution of a contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - b. The Principal will, during the tender process treat all Bidder(s) with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential/additional information through which the Bidder(s) could obtain an advantage in relation to the tender process or the contract execution.
 - c. The Principal will exclude from the process all known prejudiced persons.
2. If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the IPC/PC Act, or if there be a substantive suspicion in this regard, the Principal will inform the Chief Vigilance Officer and in addition can initiate disciplinary actions.

Section 2- Commitments of the Bidder(s)/contractor(s)

1. The Bidder(s)/Contractor(s) commit themselves to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.
 - a. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any

- advantage of any kind whatsoever during the tender process or during the execution of the contract.
- b. The Bidder(s)/ Contractor(s) will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelisation in the bidding process.
 - c. The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act; further the Bidder(s)/ contractor(s) will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.
 - d. The Bidder(s) /Contractors(s) of foreign origin shall disclose the name and address of the Agents/representatives in India, if any. Similarly the Bidder(s)/Contractors(s) of Indian Nationality shall furnish the name and address of the foreign principals, if any. Further details as mentioned in the "Guidelines on Indian Agents of Foreign Suppliers" shall be disclosed by the Bidder(s)/Contractor(s). Further, as mentioned in the Guidelines all the payments made to the Indian agent/representative have to be in Indian Rupees only. Copy of the "Guidelines on Indian Agents of Foreign Suppliers" is placed at **Annexure-B1**.
 - e. The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.
- (2) The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3- Disqualification from tender process and exclusion from future contracts.

If the Bidder(s)/Contractor(s), before award or during the execution has committed a transgression through a violation of Section 2, above or in any other form such as to put his reliability or credibility in question, the Principal is entitled to disqualify the Bidder(s)/Contractor(s) from the tender process or take action as per the procedure mentioned in the "Guidelines on Banning of Business Dealings". Copy of the "Guidelines on Banning of Business Dealings" is annexed and marked as **Annexure-B2**.

Section 4- Compensation for Damages

1. If the Principal has disqualified the Bidder(s) from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover the damages equivalent to Earnest Money Deposit / Bid Security.

2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to section 3, the Principal shall be entitled to demand and recover from the Contractor liquidated damages of the Contract value or the amount equivalent to Performance Bank Guarantee.

Section 5 – Previous transgression

1. The Bidder declares that no previous transgressions occurred in the last three years with any other Company in any country conforming to the anti- corruption approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or action can be taken as per the procedure mentioned in “Guidelines on Banning of Business Dealings.”

Section 6 - Equal treatment of all Bidders / Contractors / Subcontractors

1. The Bidder(s)/ Contractor(s) undertake(s) to demand from his subcontractors a commitment in conformity with this Integrity Pact.
2. The Principal will enter into agreements with identical conditions as this one with all Bidders and Contractors.
3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section 7 – Criminal charges against violating Bidder(s) /Contractor(s) / Subcontractor(s)

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the same to the Chief Vigilance Officer.

Section 8 – Independent External Monitor / Monitors

1. The Principal appoints competent and credible Independent External Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.
2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. It will be obligatory for him to treat the information and documents of the Bidder(s)/ Contractors as confidential. He reports to the Chairman, NTC.
3. The Bidder(s)/ Contractor(s) accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project

documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder(s)/ Contractor(s)/Subcontractor(s) with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.
5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or take corrective action, or to take other relevant action. The monitor can in this regard submit nonbinding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.
6. The Monitor will submit a written report to the Chairman, NTC within 8 to 10 weeks from the date of reference or intimation to him by the *Principal* and, should the occasion arise, submit proposals for correcting problematic situations.
7. If the Monitor has reported to the Chairman, NTC, a substantiated suspicion of an offence under relevant IPC/PC Act, and the Chairman NTC has not, within the reasonable time taken visible action to proceed against such offence or reported it to the Chief Vigilance Officer, the Monitor may also transmit this information directly to the Central Vigilance Commissioner.
8. The word '**Monitor**' would include both singular and plural. Monitor would be entitled to receive such compensation as may be decided time to time by the CMD/Competent Authority.

Section 9 – Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the contract or contract period (extended if applicable) whichever is later and for all other Bidders 6 months after the contract has been awarded.

If any claim is made / lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairman of NTC.

Section 10 – Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. New Delhi.

2. That a person signing IP shall not approach the courts while representing the matters to IEMS and he / she will await their decision in the matter.
3. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.
4. If the Contractor is a partnership or a consortium, this agreement must be signed by all partners or consortium members.
5. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
6. In the event of any contradiction between the Integrity Pact and its Annexure, the Clause in the Integrity Pact will prevail."

 (For & On behalf of the Principal)

 (For & On behalf of Bidder/Contractor)
 (Office Seal)

Place.....
 Date.....

Witness 1:
 (Name & Address) _____

Witness 2 :
 (Name & Address) _____

