

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Autonomous Institution of the Department of Atomic Energy, Government of India
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Ref.: TIFR/PD/CA17-276/172036

January 12, 2018

NIT cum Tender Document (ONE PART LIMITED TENDER) for the following item:

1.	Supply, Installation, Testing and Commissioning of 11KV/433 Volts,315 KVA, dry type cast resin Indoor type Transformer, breaker as per the technical specifications enclosed in ANNEXURE-1. - Qty. 1 No.
2.	Supply, Installation, testing and Commissioning of 11 KV, 630 A, 25 KA indoor type, extensionable vacuum circuit breaker as per the technical specifications enclosed in ANNEXURE-2. - Qty. 2 Nos.

Tender No.	TIFR/PD/CA17-276/172036
Estimate Cost	Rs. 15.75 Lakh
EMD	Rs. 31,500/-
Type of Tender	One Part Limited Tender
Date of Publishing	12.01.2018
Last Date for Submission of Tender	31.01.2018 up to 17.30 hours
Date of Opening Bids	01.02.2018 at 15.00 Hours

Tender should be submitted in sealed envelope superscribed with the Tender No.,
Due Date in Bold Letters.

Please see attached sheet for conditions of tender.

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Ref: TIFR/PD/CA17-276/172036

Technical Specifications

ANNEXURE-1 Specifications & Schedule of Quantities

S.No	Description	Qty
1.0	Removal of existing 11KV H.T HFU , 95sq.mm H.T PILCA cable (10mts) and 250 KVA 11kV/433 Volts oil filled indoor type transformers including connected cables at Sub-stations and shifting to safe place as per the instructions of Engineer In-charge.	1 no
2.0	Supply, Installation, Testing and Commissioning of 11KV/433Volts, 315KVA, dry type cast resin Indoor type Transformer as per the technical specifications enclosed. Make: CGL / ABB / Schneider / Siemens / Voltamp / Essennar	1 no
3.0	Supply and laying of 11KV grade H.T XLPE/PVC insulated PVC sheathed armored heavy duty Al. Cables of approved make conforming to IS-7098 (Part-II)/IS-1554(Part-II)1976 specifications inside the building through cable trenches from VCB panel to 315 KVA transformer terminal box (15mtrs) . a) 3 core 95 Sqmm H.T XLPE Al. cable Make: Finolex / Polycabe / KEI	15mtrs
4.0	Supply and making of following indoor type heat shrinkable 11KV HT XLPE insulated end terminations. a) 11KV 3 core 95 Sqmm Al conductor end terminations. Make: Raychem / 3M / Denson	3nos

5.0	<p>Supply and laying of 1100V grade L.T XLPE/PVC insulated PVC sheathed armored heavy duty Al. Cables of approved make conforming to IS-7098 (Part-I)/IS-1554(Part-I)1976 specifications inside the building through embedded conduit pipes on wall / floor / beam/ in trenches from 315KVA transformer cable box / DB panel to required (AMF panel) loads including supply of all required fasteners and civil works etc., complete.</p> <p>a) 3 ½ core 240 Sqmm LT XLPE armored Al.cable.</p> <p>Make: Finolex / Polycabe / Havells</p>	30 mtrs
6.0	<p>Supply and installation of Switch-Disconnecter-FuseTPN with CE Handle in Sheet Steel enclosure with adaptor box including HRC fuses of approved make conforming to IS/IEC 60947-3,IEC 60269-2,IS 13703 part 2.</p> <p>a) 400amps,80KA,415V,50Hz,AC 23A.</p> <p>Make: L&T /ABB/ Havells</p>	1 no
7.0	<p>Jointing the above mentioned cable with suitable Terminations including supply of all jointing materials like cable glands, sockets, lugs, necessary fasteners and making provision in DB / LT panel for incoming & Outing of cable with earthing of glands etc., complete.</p> <p>1) 3 ½ Core 240 Sq.mm armored Al.cable</p>	6nos

EARTHING PITS		
8.0	<p>Supply, installation, testing and commissioning of plate electrode electrical earthing pits conforming to IS, IE rules and as per technical specifications and drawings, with 300x300x6 mm smooth surface tinned electrolytic copper plate at a depth of not less than 2.5 m, with all necessary materials, salt, charcoal, other required accessories, etc complete with brick masonry and PCC chamber with heavy duty CI cover, funnel, 25 mm C class GI pipe for watering, and tinned copper earthing bus of size 50x6 mm, for electrical earthing as per technical specifications and approved method</p> <p style="text-align: center;">Charcoal: 80 kg/earthing station Salt: 80 kg/earthing station</p>	2 nos
9.0	<p>Supply, installation, testing and commissioning of Copper strip for earthing and lightning protection work, complete with jointing, tinning wherever required, laid on the existing cable wall/ trench, or laid direct in soil, for connecting to earth pits /connecting to VCB panels/Transformer etc as per approved method and as per technical specifications, of following sizes:25x6 mm flat strip, Copper.</p>	20 mtrs
10	<p>Supply, installation, testing and commissioning of plate electrode electrical earthing pits conforming to IS, IE rules and as per technical specifications and drawings, with 300x300x6 mm GI plate at a depth of not less than 2.5 m, with all necessary materials, salt, charcoal, other required accessories, etc. complete with brick masonry and PCC chamber with heavy duty CI cover, funnel, 65 mm C class GI pipe for watering etc.as per technical specifications and approved method</p> <p style="text-align: center;">Charcoal: 80 kg/earthing station Salt: 80 kg/earthing station</p>	2 nos

11	<p>Supply, fabrication and fixing 50 x 6 mm size GI Flat for connecting earth pit with various VCB/Earth Pit as directed by Engineer In Charge. Rate to include supply and joining of MS boss to structures, another earthing flat, bolts, washers etc..complete.</p> <p style="text-align: center;">Size: 50 X 6 mm GI Flat</p>	40 mtrs
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2.0 GENERAL TECHNICAL SPECIFICATION FOR DRY TYPE 11/.433 KV, 315 KVA TRANSFORMER :

2.1 Supply of Transformer:

The specifications given below relates to the design, manufacture, testing and supply of Step Down Cast resin Dry Type Indoor Transformer.

2.2 Standards:

A. The design, manufacture and performance of equipment shall comply with all currently applicable statutes, regulations and safety codes in the locality where the equipment will be installed. Nothing in these specifications shall be construed to relieve the Vendor of this responsibility.

B. Unless otherwise specified equipment shall conform to the following latest applicable Indian Standards.

- a) IS:11171 - Transformer
- b) IS:3639 - Fittings and Accessories for Power Transformer
- c) IS: 2099 - High Voltage Porcelain Bushings.

2.3 System of Supply:

11 kV, 3 phase, 50 cycles solidly earthed system.

2.4 Rating:

Suitable for continuous rating.

2.5 Ratio:

11000 / 433 Volts.

2.6 kVA Rating:

315 kVA

2.7 Connections:

Delta on H.V. Side and star on L.V. side with neutral terminal brought out for solid earthing in addition to the neutral terminal in the L.V. cable box.

2.8 Vector Groups:

Corresponding to the Vector Symbols Dyn-11, Impedance shall not exceed 6.25%.

2.9 Type:

Indoor.

2.10 Constructional Features:

- A. Similar parts, particularly removable ones, interchangeable.
- B. Exposed parts shall not leave pockets where water can collect.
- C. Internal design of a transformer shall ensure that air is not trapped in any location.

2.11 Core:

- A. The magnetic circuit shall be of "Core Type" construction. The core shall be built out of
High grade, non-aging, low loss, high permeability, cold rolled grain oriented silicon steel
Laminations.
- B. The finally assembled core shall be free from distortion. It shall be rigidly clamped to
ensure adequate mechanical strength and to prevent vibrations during operation.
- C. The core shall be provided with lugs suitable for lifting the complete core and coil
assembly.
- D. The core and coil assembly shall be so fixed in the enclosure that shifting will not occur
during transport or short circuits.
- E. The core must be treated with high temperature resistant paint to prevent corrosion at
edges of the core plates.

2.12 Internal Earthing:

All internal metal parts of the transformers shall be earthed.

2.13 Winding:

- A. Winding shall be subjected to shrinking and seasoning process, that, no further
shrinkage occurs during the service. Adjustable devices shall be provided for taking up
possible shrinkage in service.
- B. Materials used in the insulation and assembly of the windings shall have high tensile and
dielectric strength. These shall not soften or otherwise get affected under the operating conditions.
- C. In case of Dyn-11 transformers, neutral shall be brought out in open for solid earthing on
the secondary side.
- D. The windings shall be copper wound.

2.14 Transformer Losses :

The Maximum allowable losses shall be within IS Tolerance.

2.15 Enclosure:

Steel enclosure with screens of metal at the top and bottom for indoor type transformer and ventilation required from the top.

2.16 Cast Resin:

The Resin used for winding insulation shall be of non-hygroscopic to prevent the penetration of moisture into the windings. It should be possible to energize the transformer without pre-drying even after a long period of service interruption. The resin used shall be non-inflammable, self-extinguishing, void free and suitable for tropic climate with 100% relative humidity. In the case of winding is provided with taps, the inter-turn insulation of tapped winding shall be reinforced to obtain uniform stress distribution.

The class of insulation shall be of Type:'F'.

2.17 Tappings:

Offload tap changing arrangement on H.V.side. The tappings to be provided for variation of H.V. voltage from +5% to -5% in steps of 2.5%, with an arrangement interlocking with HT breakers with door opening including 2 sets of keys.

2.18 Temperature Rise:

Continuously rated for full load; temperature rise not to exceed 115°C over ambient.

2.19 Cooling:

Natural air cooling.

2.20 Fittings:

The following accessories and fittings shall be provided with the transformers:

A. Inspection covers:

Hinged type inspection cover on side of the transformer shall be provided.

B. Lifting lugs:

The arrangement of lifting the active part of the transformer along with the cover of the tank by means of lifting lugs without disturbing the connections. Also complete transformer lifting lugs shall be provided. Lifting arrangement for core and coils shall also be provided.

C. Jacking pads:

Jacking pads shall be provided on the transformer.

D. Earthing terminal:

Two nos. earthing terminals shall be provided by copper of non-corrosive material on transformer enclosure and one earthing terminal of neutral on the cable boxes.

E. Diagram and rating plate:

One diagram and rating plate indicating the details of transformer, connecting diagram vector group, tap changing diagram etc. shall be provided.

F. Rollers:

4 Nos. bi-directional type roller shall be provided to the transformers on cross channels to facilitate the movement of transformers in both the directions.

G. Temperature Indicator:

Winding temperature indicator with contacts for operating trip circuits as well as for alarm shall be provided. Also suitable Thermistors or RTD sensors shall be provided in all three windings.

2.21 Cable End Boxes:

A. On H.V. Side

Cable end box suitable for 11 kV, 3C x 95sq.mm. XLPE cable. The size of box should be sufficient for termination using cable jointing kit.

B. On L.V. Side

On L.V. Side cable end box shall be provided suitable to accept 2 Nos. 3.5x240sq mm XLPE, armored, Al conductor cables. The cable terminal box shall be provided with suitable cable glands of proper size and number of lugs shall be provided on the terminal for all cables.

2.22 Thermo Junction Box:

A thermo junction box shall be provided on the transformer to have Alarm contacts for temperature Indicator

The above box shall be suitably mounted on the transformer and shall have a glass window for viewing purpose.

2.23 Painting:

The interior of transformer enclosure and internal structural steel work shall be painted with heat resistant insulating varnish after thorough cleaning of all scales and dust.

2.24 Testing:

The transformer shall be subjected to the following tests at the factory before dispatching the same and test certificates, in quadruplicate, shall be furnished:

- A. Measurement of winding resistance.
- B. Ratio polarity and phase relationship.
- C. Measurement of Impedance of Voltage (Principle Tapping), short circuit impedance and load loss.
- D. Load losses.
- E. No load loss and no load current.
- F. Insulation resistance.
- G. Induced over voltage withstand.
- H. Separate source voltage withstand.
- I. Temperature rise by no load plus short circuit method.

2.25 Type test:

The following Type test reports shall be submitted

- A. lightning impulse test
- B. Measurement of acoustic noise level
- C. Partial Discharge Measurement
- D. Short Circuit Test

The routine pre-commissioning tests to be performed at site as per IS:11171-1985 and IS:2026- 1977.

2.26 Instruction Manual:

The contractor shall submit three copies of manual of complete instructions for the installation, operation, maintenance and repairs, circuit diagram and foundation details shall be provided with the transformers.

2.27 Drawings:

Four sets of drawings of the transformers being supplied shall be furnished within two weeks of placement of order for approval.

ANNEXURE-2

Enclosed Specifications & Schedule of Quantities

<u>Sl.No</u>	<u>Description of work</u>	<u>Qty.</u>
1.0	<p>Supply, Installation, Testing and Commissioning of 11KV, 630 A, 25 KA indoor type, extensionable vacuum circuit breaker in complete with sheet steel enclosure panel, insulated Copper bus bars, digital ammeter, voltmeter and Multifunction Meters, selector switches, operating switches, heating element, hooter etc., with dry type CT & PT units and IDMT (Microprocessor based) relay (3 OC & E.F.) of ABB/EASUN/SCHNEIDER make along with Transformer auxiliary relays on outgoing panels. All items shall be as per manufacturer`s standard practice.</p> <p>The detailed specifications of VCB and scope of work are as enclosed in Technical specifications.</p> <p>Make: Crompton Greaves / ABB / Siemens /Schneider.</p>	2no

Technical Specifications

2.0 11KV VCB Panel

The scope covers the Supply, Installation, Testing and Commissioning of 2 Nos of Indoor type floor mounted extensionable 11KV VCB panel with VCB, totally enclosed and fully interlocked, horizontal draw out, horizontal isolation type circuit breaker. The breaker and switchboard panels should comply with relevant IS/IEC and revision thereof, and shall be designed for easy operation, maintenance and further extension and additional specifications as mentioned below.

Standards		
1.	IEC: 62271 - 1	High-voltage switchgear and control gear - Common specifications.
2.	IEC: 62271 - 100	High-voltage switchgear and control gear - Alternating current circuit-breakers.
3.	IEC: 62271 - 200	High-voltage switchgear and control gear - AC metal-enclosed switchgear and control gear for rated voltages above 1 kV and up to and including 52 kV.
4.	IEC: 600441-1	Current Transformers
5.	IEC: 600441-2	Voltage Transformers
6.	IEC: 60529	Classification of degrees of protection provided by enclosures
7.	IEC: 60038	Standard Voltages
8.	IEC: 60255	Measuring relays and protection equipment - Part 24: Common format for transient data exchange (COMTRADE) for power systems.
9.	ANSI IEEE C 37/20	Switch gear assemblies including metal enclosed bus.

4.1 The VCB panel shall conform to the following specific Parameters

- Normal operating voltage of 11KV at the rated frequency of 50Hz.
- Highest system voltage of 12KV
- Number of poles should be three
- Rated continuous current at Ambient Temperature shall be 630A
- Symmetrical Breaking capacity of 500MVA
- Impulse withstand test voltage of 75KV (Peak)
- One minute power frequency withstand test voltage of 28KV (RMS)
- Short time current rating shall not be less than 25KA for 1 Sec
- All the panels shall be provided with insulated copper Bus-bars of 630A current rating along with the colour code for (Red, Yellow, Blue Phases)
- Temperature Rise of bus bar along with other parts of switchgear shall be governed by IEC 60694 , Table III.

- VCB panel shall be dust & vermin proof with free extensionable type on both sided
- VCB panel shall be suitable for operation from 24V DC Auxiliary supply
- The operating mechanism shall be motor operated spring charged type
- There shall be provision for manual charging of closing spring and an emergency hand trip
- The motor used for the above purpose shall be suitable for 240V AC
- VCB panel shall have its own instrumentation panel provided at the top and complete with small wiring connections from relays, instrumentation transformers, indicating instruments, metering instruments, selector switches and circuit breaker control switches.
- An Epoxy resin encapsulated dual core ratio current transformers of CT ratio as follows:

Incoming – 1No: 100A-50A/5A+5A, Class 0.5/5P of 15VA for metering and protection respectively.

Outgoing – 1Nos: 100-50A/5A+5A, Class 0.5/5P of 15VA for metering and protection respectively.

Make: INSTRANS / KALPA / Crompton Greaves.

- All the bushing insulations shall comply with the latest version of IS: 2099 in all aspects.
- Standard cable box for cable end terminations shall be provided at the bottom of the panel for housing and termination of PILCA/XLPE insulated 11KV 3 core Al conductor HT cable upto 300Sqmm.
- All the high voltage compartments must have pressure discharge flap for the exit of gas due to internal arc to ensure operator safety. All the HV compartment design, i.e. Busbar compartment, VCB compartment and Cable compartment should ensure conformity to IEC 62271-200 and must be type tested individually for Internal Arc Test for AFLR 25kA AFLR 25kA for 100ms. The switchgear panels shall be suitable for loss of service continuity LSC 2B. Safety shutters complying with IEC-62271-200 shall be provided to cover up the fixed high voltage contacts on bus bar and cable sides when the truck is moved to ISOLATED position.
- Metering panel shall comprise the indication lamps for Circuit Breaker 'OPEN' with Green, Circuit Breaker 'CLOSE' with Red, 'AUTO TRIP' with white and 'SPRING CHARGED' with Blue colour.
- Trip Circuit Healthy condition of Circuit Breaker shall be monitored with Trip circuit Supervision Relay.
- Trivector Meter along with Digital Multifunction Meter of Schneider make (EM6400) is to be provided on incoming and EM6436 on outgoing.
- Annunciation system shall be provided for responding to the different fault conditions.
- Microprocessor based built in RS232/485/Modbus for Ethernet communication enabled Numerical relays with Overload, Earth fault and Short circuit protection with High speed tripping relay and Trip circuit supervision relay shall be provided on **incoming – 1No** of EASUN/ABB/Schneider make.
- Microprocessor based built in RS232/485/Modbus for Ethernet communication enabled Numerical relays with Overload, Earth fault and Short circuit protection and Transformer Auxiliary relays with High speed tripping relay and Trip circuit supervision relay shall be provided on **outgoings – 1Nos** of EASUN/ABB/Schneider make.
- 11KV/root3 / 110V/root3, 50VA Potential Transformer on incoming-1No to be provided for Metering.
- VCB panel drawings along with BOQ shall be submitted for approval before manufacturing and assembling of the equipments.

- All the routine tests shall be carried out in accordance with IS: 131/1991 before dispatching the panels and shall make the arrangements to the TIFR Balloon facility Engineer for inspection at Manufacturing place for all the panels.
- All type test certificates shall be furnished along with the offer.

Preparation of documents and submission to Central Electricity Authority, Chennai/Delhi and obtaining the necessary approvals for the installation of Transformer and VCBs is contractor responsibility.

Vendor should visit the site before submitting quotation:

Name of the person to be contacted: Shri V.Anmi Reddy

Address:
TIFR Balloon Facility,
Post bag No. 5,
ECIL post,
Hyderabad- 500062

Phone No.: 04027122505, 04027122894
Mobile No.: 08985043156.

Material is to be delivered at:

TIFR Balloon Facility,
Post bag No. 5,
ECIL post,
Hyderabad- 500062

TATA INSTITUTE OF FUNDAMENTAL RESEARCH

Autonomous Institution of the Department of Atomic Energy, Government of India (A Deemed University)

HOMI BHABHA ROAD, COLABA, MUMBAI – 400 005
(PURCHASE SECTION)

Terms and Conditions

1. The quotation shall be submitted in a sealed envelope duly superscribed with the tender enquiry number, and the due date in bold letters, addressed to the Admn. Officer (Purchase), Tata Institute of Fundamental Research, Homi Bhabha Road, Colaba, Mumbai – 400005. The envelopes should be clearly marked on top as the Tender Enquiry No., Due Date in bold letters. The sealed envelope has to be delivered by hand/courier at the Security Gate Officer of TIFR on or before on the due date specified. Tenders submitted after last date will not be considered.
2. After downloading the documents please inform your company details such as name, address, telephone nos., contact person and email address etc. by email to us. (deepak.baghele@tifr.res.in, madhuram@tifr.res.in, sanju@tifr.res.in, dalvidd@tifr.res.in) to enable us to inform prospective bidder for any corrigendum/changes if any; in the Tender document before due date.
3. In case the quotation is not sealed in the envelope the tender will be rejected.
4. Quotation must be valid for a period of 90 days from the due date.
5. Tenders containing correction, overwriting will not be considered. Late or delayed/Unsolicited quotations/offers shall not be considered at all. These will be returned to the firms as it is. Post tender revisions/corrections shall also not be considered.
6. Tenderer should sign on all the pages of the bid
7. If equipment offered is to be imported, arrangements for import will be made by us.
8. Tenders who do not comply with any of the conditions are liable to be rejected.
9. In case of any interpretational issues in this tender, the interpretational decision of the TIFR shall be Final binding on the bidder.
10. TIFR reserve the right to ask for or to provide any clarification, changes after the release of this tender.
11. TIFR reserve the right to cancel the tender even after the receipt of tender.
12. TIFR reserve the right to cancel the tender even after the receipt of tender, and in such case the EMD would be refunded without any interest to the bidding parties.
13. The Institute shall be under no obligation to accept the lowest or any other tender received in response to this tender notice and shall be entitled to reject any tender without assigning any reason whatsoever.
14. TIFR reserves the right to place the order for part/reduced quantity than what is specified in the tender

15. An earnest money for **Rs. 31,500/-** (i.e.2% of the total estimated cost) has to be deposited in the form of Demand Draft, Fixed Deposit Receipt, Bankers cheque or Bank Guarantee from any commercial Banks or through online transfer through bank (Bank details to be provided on demand) in favour of **Registrar, Tata Institute of Fundamental Research, Mumbai** along with the quotation.

Also, in lieu of above, the bidder can submit the EMD in the form of "Bid Securing Declaration" as per the attached format. The declaration also should be submitted on the company letter head duly signed by officer authorized to submit the bid.

The earnest money will be refunded to the unsuccessful bidders on finalization of the contract.

16. Suspension of Business dealing with bidder:

In case the bidder who submits a "Bid Securing Declaration" fails to abide with the terms and conditions of the declaration or withdraw its bid before the award of the contract then TIFR reserve the right to suspend business dealings with such supplier for a period of three years. The above suspension shall be without prejudice to other remedies or action that may be initiated against the bidder as deemed fit by the competent authority.

17. Successful bidders will have to deposit **Performance Bank Guarantee @ ie.10 % of the purchase order value** in the form of Bank Guarantee valid for a period of 60 days beyond the date of contractual obligations. PBG amount will be forfeited if the Firm /Supplier fail to perform any of the terms & conditions of our Tender enquiry/ document.

- Bank Guarantee(BG) will not be accepted directly from Supplier, it should be received through the banker of supplier.

- In exception case, BG will be accepted directly from the party/supplier provided a covering letter with xerox copy of BG is received directly from banker of supplier.

- Without the receipt of BG along with the letter from Bank, the payment will not be released.

18. The Supplier shall arrange to deliver the ordered materials within the mutually agreed delivery period mentioned in the order unless extended with / without penalty.

a) In case of delay in supply on the part of the supplier, a penalty @ 0.5% per week of order value will be charged for delayed period subject to maximum of 10% of order value.

b) The same rate of penalty shall be applicable for late installation of the equipment / instrument also.

19. Our standard Payment terms are as follows:

The payment will be made only after delivery of the supply, satisfactory installation, commissioning and performance of the item/equipment at TIFR and after certification by our technical expert/ Authorized officer.

20. No Advance payment will be made to any local supplier except in case of furnishing valid Bank Guarantee from any nationalized / scheduled bank and the B.G. shall be valid till the complete delivery is made at the site.

21. For Import cases: **No Agency commission will be paid as per Govt. of India rules.**
22. The delivery period should be specifically stated and earlier delivery may be preferred.
23. COMMENCEMENT OF WARRANTY PERIOD: The warranty period of an item shall commence from the date of receipt of the item in good working condition and satisfactory installation/commissioning/demonstration at the project site. The warranty period and validity of Performance Guarantee shall be extended for the period of delay in satisfactory installation and delay in warranty services
24. Specifications are basic essence of the product. It must be ensured that the offers must be strictly as per our specifications. At the same time it must be kept in mind that merely copying our specifications in the quotation shall not make the parties eligible for consideration of the quotation. A quotation has to be supported with the printed technical leaflet/literature of the quoted model of the item by the quoting party/manufacturer.
25. **Price must be quoted in the "Price Bid" format attached herewith.**
26. Bidder who have not accepted the order / job awarded to them or withdrawn from the tender process OR whose EMD / Security Deposite has been forfeited in the past, their bid will not be considered and treated as ineligible/disqualified.

ADMINISTRATIVE OFFICER
(PURCHASE SECTION)
TIFR, MUMBAI

TIFR Enquiry No & Date: _____

Due date: _____

Bidder's Quotation Ref No. & Date: _____

Bidder's GST Registration No.: _____

Price / Financial Bid (Bidders must quote their rates using this Format)

Sr. No.	Item Description	Make/Brand/Type	HSN Code	Qty.	Rate per unit	Item wise GST %	Cost (In INR)
	Freight/Transportation charges, if any						
	Service/Labour charges, if any						
	Any Other charges						
	Less : Buyback, if any						
	Total landed cost in Figures & words						
	Delivery Period						
	Warranty Period						
	Validity of Quote						
	Payment Terms						

Note:

1. All the column should be appropriately filled and not left blank, any duty/tax/charges

not applicable, then please specify as " Not Applicable"

2. Do not include any other charges, taxes, duties etc. in the Basic Cost of the item,

3. Any accessories, optional items should be shown separately.

4. Other Technical & Commercial details shall be furnished in a separate sheet.

5. Use separate sheet for detail description ,specification of the item, but prices should be quoted in same format.

Signature of the Bidder

Name, Address, Contact No.

& Email id of the

Bidder/Company

with company's stamp or seal

Date: _____

Place: _____

Bid Securing Declaration

(to be submitted on company's letter head)

I/We the undersigned hereby declare that if we withdraw or modify the bids during the period of its validity, or if we are awarded the contract and fail to sign the contract, or to submit a performance security before the deadline defined in the request for bids document or fail to execute the contract, we will be suspended for the period of time specified in the request for bids document from being eligible to submit bids for contracts with the entity that invited the bids.

Name and Signature
of Authorized Signatory
and Company Seal