Annexure-I

SCOPE, TECHNICAL SPECIFICATIONS AND EVALUATION CRITERION FOR

SUPPLY, INSTALLATION, TESTING & COMMISSIONING OF 22/3.3KV, 5MVA TRANSFORMERS

1. **SITE LOCATION**: Propellant Complex Rasayani (PCR), Rasayani, District-Raigad, MH-410207.

2. **DELIVERY:** Prices shall be quoted on the basis of delivery of transformer & other required material to PCR. Cost of Transportation & Transit Insurance are fully in the scope of supplier and the same shall be included in the cost quoted by the bidder.

3. **GENERAL CONDITIONS:**

   a. **Site Visit** : Bidder is expected to visit the site before submission of offer.

   b. Bidder shall sign and stamp each of tender document as a token of his acceptance & submit along with his offer.

   c. The offer shall be complete in all respects and shall be submitted together with requisite information. Any offer incomplete in any particulars is liable for rejection.

   d. Till commissioning of equipment, the safe storage and handling of all equipment and other items supplied are in the scope of contractor.

   e. Contractor should have valid license issued by statutory authority to carry out the work.

   f. The bidder shall provide all the relevant data / details required for evaluating the bid technical and commercially in the specific formats enclosed with the tender. Apart from this, Bidder is free to add any other relevant information.

   g. During evaluation, PCR may request Bidder for any clarification on the bid/ additional documents/ information required. Bidder shall submit all clarifications/ additional documents/ information requested in original. If not submitted within the stipulated time PCR has right to reject such bids.

   h. The complete scope of work is defined in the Tender document. Bidders, who undertake total responsibility for the complete scope of work as defined in the Tender document will only be considered.

   i. In case Bid does not fully comply with the requirement of Tender document and the bidder stipulates deviations to the clauses of the proposal, which are unacceptable to the PCR, the Bid will be rejected.

   j. Performance of Bidder on similar nature of works executed shall be taken into consideration before selecting the Bidder for opening his price bid.

   k. The time schedule for completion is given in the Tender document. Bidder is required to confirm the completion period unconditionally.

l. Free electricity and water will be provided by the PCR at one location close to the site for the erection, testing and commissioning works.

4. SCOPE OF WORK

Scope of work includes the following,

a. Disconnection, Dismantling, Shifting of existing 22/3.3kV, 5 and 6MVA Transformers (1No Each) to PCR Stores. Approximate weight of each transformer is 14 Ton including weight of oil.

b. Submission of following drawings upon receipt of Purchase Order for approval of PCR before manufacturing:

- General arrangement drawings & Name plate Details
- Foundation drawings
- Terminal boxes of HT / LT side with details of HT and LT bushings /insulators
- Marshalling box drawings

c. Supply, Installation, Testing at factory and at site and Commissioning of 22/3.3kV 5MVA, Dyn11, ONAN Transformer as per specifications**- 2Nos**.

d. System Nominal Voltage 22kV, 3 Phase, 50Hz, 26.3kA/1S, Neutral solidly grounded.

e. Loading / Unloading, Transportation of Transformer & it's components to site location. All guidelines of OEM shall be strictly followed while equipment is being transported.

f. Removal of existing MS channels by demolition of concrete floor. Supply and Grouting of new channels/rails of suitable size as per the foundation plan of new transformer. Necessary locking arrangement for transformer wheels shall be ensured. Any civil works to be carried out to match existing bus-duct with transformer LV terminal box shall be entirely in contractor's scope.

g. Extending neutral and body earthing to the transformer. Earth strip of size 50x6mm of length not exceeding 50m each shall be required. Copper strips for Neutral & GI strips body earthing shall be supplied and installed at no extra cost.

h. Supply and application of Raychem/3M outdoor type end termination for HV side connections suitable for 22kV 3Cx 300sqmm XLPE cable. Scope includes supply & fixing of Raychem 22kV Boots in Transformer HV Terminal Box as per recommendations of transformer manufacturer. HT Cable shall be provided by PCR. Laying of cable thro' existing trench is in contractor's scope.

i. Existing LV side connections are through Bus-duct. LV Cable box of the new transformer shall match the existing bus duct. If required Contractor shall provide at no extra cost, adaptor bus-duct along with bus bars of required size and other hardware **to be completed on** LV side connection to the satisfaction of the purchaser. Bus-bars shall be of electrolytic copper having size 100x5mm x2Nos i.e. two runs per phase. Flexible links of bus bars between the bus duct and the transformer as required shall be supplied.

j. Supply, Laying and Termination of (1) 12Cx 2.5sqmm copper conductor control cable for monitoring and transformer protection interlocks (2) 4Cx2.5sqmm copper conductor control cable for LV & HV breaker inter-tripping. Approximate distance between transformer and 22kV Feeder is not exceeding 50m whereas distance between HV & LV breakers is approximately 30m.

k. Supply of 110VDC Master Trip Relay (1No) no extra cost, fixing relays on one of the existing breaker relay panel and necessary wiring as per standard practice.

l. Approval from Central Electricity Authority & Statutory clearances including Plan & Final approval.

m. Charging of Transformer and recording observations as per OEM guidelines.

n. All necessary instruments, meters, wires etc, tools required for conducting the site tests shall be brought by the contractor.

o. Providing necessary Technicians, Engineers, unskilled manpower & Material handling equipment for carrying out above works at site shall be the responsibility of the contractor.

p. Area available for installation of transformer is 6x9.m. It includes area required for movement of persons for supervision & maintenance of transformer.

5. SPECIFICATIONS FOR SUPPLY OF TRANSFORMER

Specifications for supply of transformer are as below,

TABLE-1A : TRANSFORMER SPECIFICATIONS

SrNo	Specifications	Value
1	Voltage ratio	22 / 3.3KV
2	Capacity	5000 KVA
3	Connections	HV- Delta, LV-Star, Dyn11
4	Installation	Outdoor
5	Winding	Copper Wound, Oil immersed.
6	Cooling	ONAN
7	Insulating Oil	Mineral Oil as per IS-335 latest.
8	Tap Changer	Off- Circuit. +10% to -10% in steps of 2.5%
9	Temp rise in Oil / Winding	Max. 50 /55 °C
10	Radiators	Radiators with Isolating Valves.
11	Radiator material	CRCA Sheet Steel, Thickness **minimum** 1mm.
12	Applicable Standard	IS-2026 with latest amendments
13	Pressure & Vacuum withstand capability of Tank & Radiators	As per applicable standards.
14	HV connection	Cable Box suitable for 1 run of 3Cx300sqmm XLPE cable with heat Shrinkable End Termination.
15	LV connection	Terminal Box to suit existing Bus duct
16	Mounting	Floor Mounted

Following Fittings and Accessories shall be provided along with the transformer. Pressure & Vacuum withstand capability of Tank &Radiators of offered transformer shall be as per applicable standards.

TABLE 1B : FITTINGS& ACCESSORIES

SrNo	Fitting/ Accessories	Description
1	Buchholz Relay	Relay with Alarm & Trip Contacts and Air release valves.
2	WTI	WTI with Alarm & Trip Contacts
3	OTI	OTI with Alarm & Trip Contacts
4	Marshalling Box	IP-55 protection box with Terminal Block & Sight glass
5	Oil Level Gauge	Oil Gauge - Prismatic Oil Level Gauge at the conservator, Magnetic level gauge for the tank.
6	PRV	Explosion Vent with diaphragm
7	Conservator	Conservator with drain plug.
8	Bottom Valve	Drain cum Bottom Filter Valve
9	Top Valve	Top Filter Valve
10	Radiators	Radiators with Isolating Valves
11	Neutral Bushing	Neutral Bushing for Grounding.
12	Air Release Valve	Valve to facilitate release if air trapped in main tank
13	Breather	Silica Gel Breather
14	Earthing Terminal	Two Earthing Terminals on opposite side of main tank
15	Rollers	Rollers with Locking Pads
16	Name Plate	Stainless Steel Rating & Diagram plate

6. TESTS TO BE CONDUCTED ON TRANSFORMER AT MANUFACTUERER'S FACILITIY

The following routine tests shall be conducted on the transformer as per Applicable Standards at the manufacturer's facility in the presence of Purchasers Representative before despatching the transformer to site. The Testing equipment, meters etc shall have valid calibrations on the day of testing.

a. Measurement of winding resistance
b. Measurement of Voltage Ratio and check of voltage vector relationship
c. Measurement of No load losses and no load current
d. Measurement of Impedance voltage / short circuit impedance
e. Measurement of Insulation resistance
f. PI Test
g. Magnetic balance test
h. Measurement of Induced over voltage withstand test
i. Measurement of dissipation factor
j. Measurement of Insulation system capacitance
k. Measurement of Frequency Response Analysis test.
l. Measurement of Separate source voltage withstand test

Results of all tests conducted shall be provided in duplicate.
All type test certificates associated with design of transformer shall be submitted for review.
The tests at factory will be witnessed by our PCR's inspection team (generally consisting of 2 Engineers).

Factory in house test certificate for the transformer along with Batch test certificate for the raw material shall be furnished during inspection.

The contractor shall provide hard copies in duplicate of complete sets of operation and maintenance manuals and test certificates.

7. INSTALLATION, TESTING AND COMMISSIONING

a. Site inspection: Upon receipt at site, the transformer shall be inspected to ascertain that there is no damage to any of it's components and accessories.

b. After unloading transformer shall be shifted on to the channels/rails grouted at it's designated location with utmost care &following standard/ recommended methods.

c. The transformer shall be integrated with all its accessories/fittings and installed as per the guidelines of manufacturer's installation manual.

d. All necessary safety precautions during, installation, testing and commissioning of transformer shall be strictly adhered by the contractor.

e. The installation includes first filling of oil supplied by the manufacturer at no extra cost. The oil shall generally conform to IS: 335-1993 with latest amendments if any.

f. The installation procedure shall also conform to the relevant IS and IE rules.

g. Transformer body earthing and Neutral earthing connections shall be provided by fixing necessary length of Copper/GI earthing strip following best earthing practises as per relevant IS specifications.

h. All control cables from Transformer marshalling box to transformer feeder relay panel shall be connected properly and tested for proper operation.

i. The following tests/checks shall be conducted at site on the transformer prior to its commissioning.

- Insulation resistance of windings
- Voltage ratio test at all tap positions
- Frequency Response Analysis Test
- Operation of Buchholz relay.
- Checking control wiring including simulation of actuation of contacts from marshalling box to transformer feeder.
- BDV measurement of oil.

j. Laying of 22kV 3Cx300sqmm cable from transformer feeder to HV cable box to be completed before application of Raychem outdoor type end termination kit and making connections on either side of the cable.

k. Secure LV side busbar connections by installing adaptor bus duct with bus bars and other hardware as required.

l. After commissioning of the transformer, the LV side voltage shall be measured at different tap positions. The transformer shall be kept energised on No load for 24 hours and shall be ascertained that there is no undue temperature rise or no abnormality noticed before loading the transformer.

m. Installation and commissioning of the transformers shall be taken up one after the other so that the power supply to the plant is continuously available.

n. Detailed commissioning report shall be submitted with observations as per recommended procedures of OEM.

o. Any mandatory / statutory requirement specified by the inspection authority shall also be carried out. All statutory approvals should be secured prior to commissioning of the transformer.

p. **Work for Installation of second transformer can commence only after completion of Installation, testing & commissioning of one of the transformers**.

q. The PCR shall reserve right to accept / reject any part of work, which is not acceptable as healthy engineering practice of carrying out such work as the case may be. In case of any failure to carry out the scope of work in time as per the instruction of PCR, the work shall be carried out / got done by the PCR at the cost and risk of the contractor and the entire amount with supervision charges shall be recovered from the contractor.

8. GUARANTEED TECHNICAL PARTICULARS OF TRANSFORMER

Guaranteed technical particulars of the transformer shall be submitted along with the tender as mentioned below. All specifications mentioned shall be as per relevant IS specifications.

TABLE-2: GTP OF TRANSFORMER

SrNo	Technical Particulars	As per Tender	As Furnished by Bidder
1	Name of Manufacturer	To be specified	
2	Service	Distribution	
3	Installation	Outdoor	
4	Rated KVA	5000kVA	
5	Rated Voltage HV	22kV	
6	Rated Voltage LV	3.3KV	
7	Rated Frequency	50 Hz	
8	Vector Group reference	Dyn11	
9	No of Phases	Three	
10	Cooling	ONAN	
11	Terminal arrangement	HV: Cable Box, LV: Busduct	
12	Reference Ambient Temp	50 °C	
13	Temp. Rise in Oil/Winding.	50 / 55 °C	
14	Tap Changer	Off - Circuit	
	Tapping Range	+10% to -10%	
	No of Steps	in Steps of 2.5%	
15	HV Bushing rated Volts/Amps	To be furnished	
16	LV Bushing rated Volts/Amps	To be furnished	

17	Performance Figures	To be furnished	
	Total loss at 50% Load kW max.		
	Total loss at 100% Load kW max.		
	Impedance in % (IS Tolerance)		
18	Efficiency (%) at 75°C, Unity PF	To be furnished	
	At 100% Load		
	At 75% Load		
	At 50% Load		
	At 25% Load		
19	Efficiency (%) at 75°C, 0.8 PF	To be furnished	
	At 100% Load		
	At 75% Load		
	At 50% Load		
	At 25% Load		
20	Max. Efficiency at Unity PF	To be furnished	
21	Load at which Max. Efficiency at Unity PF Occurs	To be furnished	
22	Regulation (%) at Full Load	To be furnished	
	Unity PF		
	0.8 PF		
23	Separate Source Power Frequency withstand Voltage	To be furnished	
	HV Winding		
	LV Winding		
24	Induced Over Voltage withstand	To be furnished	
25	Rated Impulse voltage on HV	To be furnished	
26	Approximate Weight kG	To be furnished	
	Core & Winding		
	Oil		
	Total Weight		
27	Radiator material/thickness -mm	To be furnished	
28	Insulating Oil	Mineral Oil (IS-335)	
29	Noise Level	As per NEMA TR-1	
30	Transformer Overloading	As per IS:2026 Part-7	
31	Overall dimensions- Lx B x H (m)	To be furnished	
32	Painting as per IS-5	Shade 631	

9. MAKE OF TRANSFORMER

Approved makes of Transformers as below as per CEPO/ISRO,

- CROMPTON GREAVES
- SCHNEIDER
- KEL
- VOLTAMP
- BHARAT BIJJLEE

- ESSENNAR
- ECE INDUSTRIES LTD
- KAVIKA
- HAMMOND POWER SOLUTIONS

10.DELIVERY SCHEDULE

Delivery schedule is essence for this contract. Party shall adhere to the delivery date mentioned in this tender and same shall be confirmed along with the offer. **Installation & commissioning activity on second transformer can commence two days after commissioning and charging of one of the transformers.** This is required to ensure continuity of 3.3kV power supply to process plant.

In case Party is unable to meet the delivery schedule, the offer is liable for rejection.
Delivery schedule for supply of transformer including installation, testing and commissioning is as below,

TABLE-3 : DELIVERY SCHEDULE

Sr NO	Description	Preferred time by PCR	Compliance by the bidder
1	Submission of all Drawings	Within two weeks from the date of release of PO	
2	Approval of Drawings by PCR	Within one week from the above task	
3	Manufacturing / Integration	Within 16 weeks from the above task	
4	Intimation of readiness	**Minimum 15 days in advance**	
5	Inspection & testing at works	Within two weeks after manufacturing & integration	
6	Removal & Shifting of Existing Transformer	**Prior to Dispatch of New transformer to Site**	
7	Delivery to Site	Within two weeks from the previous task completion	
8	Readiness intimation by Dept. for Installation	**Minimum 15 days in advance**	
9	Installation, Testing & Commissioning of one of the transformers	Within three weeks from the previous task completion.	
10	Installation, Testing & Commissioning of second transformer	Within two weeks from the previous task completion.	
11	Statutory Approvals	**With installation & Commissioning of Transformer.**	
12	**Total completion of the order**	**28 weeks**	

Above delivery schedule is the maximum period. Early delivery schedule is preferred.

Intermediate milestones can be identified mutually after placement of order.

11.Data/ Drawings

Following drawing / data shall be submitted in Hard Copy (03 Copies) along with a Soft copy.

a. General Arrangement of Transformer
b. Foundation Drawings
c. Terminal Box HV/LV with Adaptor Bus duct including LV phase & Neutral alignment.
d. Marshalling Box Wiring.
e. O & M Manuals
f. All test reports

12.GUARANTEE / WARANTY

This shall be valid for a period of **18 months** from date of supply or 12 months from the date of commissioning **whichever is earlier**.

13.PAYMENT TERMS & APPLICABLE GST

a. 100 % amount of total cost shall be paid within 30 days of completion of work in all respect.

b. GST: At present the GST for this project shall be considered as 5% on the tax invoice against the Exemption certificate provided by Department as per prevailing norms.

14. COMPLIANCE STATEMENT

TABLE-4 : COMPLIANCE STATEMENT

Sr No	DESCRIPTION	Compliance Yes/ No
1	Scope as per tender document	
2	Specifications for Transformer as per tender	
3	List of Fittings and Accessories as per tender	
4	Delivery Schedule as per tender document	
5	Tests conducted at factory/works of supplier as per tender	
6	Transformer installation, testing and commissioning as per tender	
7	Terms and conditions as per tender document	
8	Guaranteed technical particulars duly filled and submitted as per tender document	
9	Warranty as per tender document	

10	Supporting documents as per Bid Qualification Criteria	
11	Payment terms as per tender document	
12	Performance Bank Guarantee and Security Deposit as per Tender Document	
13	Compliance statement submitted as per tender document	
14	**Deviations if any from the Terms & Conditions** **Attach separate sheet if required Otherwise mention as "NIL"**	

Compliance statement which shall be necessarily filled and submitted failing which the offer will be summarily rejected.

15. TERMS OF CONTRACT

a. The successful bidder has to undertake supply and service at the earliest after release of PO.
b. Language of Bid: All bids and supporting documentation shall be submitted in English.
c. PCR reserves the right to accept or reject any or all bids without assigning any reason thereof and it's decision in this regard will be treated as final. Bids may be accepted or rejected in total or any part or items thereof. No contractual obligation whatsoever shall arise from the Tender process unless and until a formal purchase order is signed and issued by duly authorized officials of PROPELLANT COMPLEX, RASAYANI (PCR).
d. PCR shall have the right to reject the bids not submitted in the prescribed format or incomplete in any manner.
e. PCR also reserves the right to alter/modify any/some/all the requirements as it may deem necessary. The bidders should be agreeable for the same.
f. PCR shall have the right to cancel the Tender process at any time prior to award of contract, without thereby incurring any liabilities to the affected bidder(s). Reasons for cancellation, as determined by PCR in its sole discretion include but are not limited to, the following:

    i. Services contemplated are no longer required.
    ii. Scope of work was not adequately or clearly defined due to unforeseen circumstances and/or factors and/or new developments.
    iii. Proposed prices are unacceptable to the work.
    iv. Any other reason.

g. PCR reserves the right to verify the validity of bid information and to reject any bid where the contents appear to be incorrect, inaccurate or inappropriate at any time during the process of Tender or even after award of contract.
h. PCR reserves the right to re-negotiate the prices in the event of changes in the market conditions and/or technology etc.
i. **All pages of bid document should be stamped and signed by authorized signatory of the bidder.**
j. Vendor should carry out any change request necessitated by PCR.
k. By responding to this document, it is construed that the bidder has agreed to fully adhere to all the requirements of this Tender.

l. **Force Majeure:**
    i. 'Force Majeure' means and includes wars, insurrections, revolution, civil disturbance, riots, terrorist acts, public strikes, hartal, bundh, fires, floods, epidemic, quarantine restrictions, freight

embargoes, declared general strikes in relevant industries, Vis Major Act of Government, impeding reasonable performance of the Vendor and / or Sub-Contractor but does not include any foreseeable events, commercial considerations or those involving fault or negligence on the part of the party claiming Force Majeure.

ii. If a Force Majeure situation arises, the Bidder shall promptly notify PCR in writing of such condition and the cause thereof. Unless otherwise directed by PCR in writing, the Vendor shall continue to perform its obligations under the contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

m. Termination for Insolvency:
PCR may, at any time, terminate the Contract by giving written notice to the Vendor, if the Vendor becomes Bankrupt or insolvent or any application for bankruptcy, insolvency or winding up has been filed against it by any person. In this event, termination will be without compensation to the Vendor, provided that such termination will not prejudice or affect any right of action or remedy, which has accrued or will accrue thereafter to PCR.

n. Applicable Law: The contract shall be interpreted in accordance with the laws of the Union of India and shall be subjected to the exclusive jurisdiction of courts at Mumbai.

o. Arbitration: Any dispute or difference whatsoever arising between the Parties out of the contract or the validity or breach thereof, shall first be an attempt to mutually settle the same amicably. If, however, the said settlement being not possible shall thereafter be referred to a Sole Arbitrator, which will be Head, PGA, PROPELLANT COMPLEX, RASAYANI, Raigad District, Maharashtra.

The venue of the said Arbitration shall be at Panvel/Navi Mumbai, and the provision of the Arbitration and Conciliation Act, 1996 shall apply to the said proceedings. The Award of the Arbitrator shall be final and binding upon both the parties.

16. TERMINATION CLAUSE

PCR reserves its right to terminate the Hire agreement for any reason at its absolute discretion including but not limited to the following:

a. If the services are not adequate as per tender specification.
b. Breech of the contract terms & conditions and non-response of the contractor even after three notices

17.TWO BID FORMAT

Online bids shall consist of the following. Technical bids shall be evaluated first and only technically suitable offers shall be considered for Price bid evaluation. Bidder should not disclose any prices in the technical bid submission & evaluation.

Part-I : Technical and Unpriced Commercial

Technical and un-priced commercial part shall comprise the following documents/information.

a. Duly filled BID QUALIFICATION CRITERION
b. Duly filled Guaranteed Technical Particulars for Transformer.
c. Duly filled Delivery Schedule
d. Duly Filled Compliance Statement.

e. List and make of the bought-out components as well as imported items considered by bidder for this tender.
f. Any other relevant document bidder desires to submit.

Part-II : Price Bid

Price bid shall contain schedule of prices to be filled online. Quoted price shall be inclusive of transportation, labour, material cost as mentioned in scope of work. As the items are interdependent, combined lowest cost shall only be considered for award of work. **No splitting of order is envisaged**.

Price Bid Format					
Name of Work: SITC of 22KV/3.3KV, 5MVA Transformer at PCR					
Sr. No	**Description of Item**	**Unit**	**Qty**	**Rate Rs**	**Amt**
1	Design, Manufacture and Supply of 22kV/3.3kV, 5MVA Dyn11 Oil Filled Transformer with OCTC and all standard Accessories	No	2		
2	Charges for Installation, Testing and Commissioning of above transformers including Electrical Inspector approval and all statutory clearances.	Job	2		
3	Charges for Dismantling & shifting of existing 22/3.3 KV transformers to PCR stores	Job	2		
4	Supply and application of Indoor Raychem end termination suitable for 3Cx300sqmm, 22kV XLPE cable	Job	4		
				Sub Total	
				GST 5%	
				Total With GST	

Note:

1. This format shall be submitted along with the Price bid only in the E-tendering portal.
2. **NO PRICE IS TO BE INDICATED IN THE TECHNICAL BID otherwise the bid will be rejected.**

18. BID QUALIFICATION CTRTERION

Bidders who are qualifying / meeting the following Technical and Financial capabilities are eligible to participate in the bid for Supply, Installation, Testing and Commissioning of Transformer

TABLE-5 : BID QUALIFICATION CRITERION

Sr No	Criterion / Requirement	Fulfilled / NOT Fulfilled
1	The complete scope of work is defined in the tender document. Bidder undertakes total responsibility for the complete scope of work as defined in the tender document. **Self-Declaration certificate shall be enclosed.**	
2	The Bidder should be an organization with previous experience of having executed Supply, Installation, Testing and Commissioning of at least one transformer of rating not less than 22kV (HV side) and Capacity 500 KVA in the last Five years which are working successfully. **Enclose Documentary evidence like order issued, completion certificates etc.**	
3	Service network of the OEM shall be available in Maharashtra to extend service support within 24 Hours. **Contact details of the service provider in Maharashtra shall be mentioned.**	
4	Bidder shall have qualified engineering team for erection, testing and commissioning. Alternatively, bidder should undertake to hire engineer and technicians from OEM to complete installation & commissioning work. Cost of such an arrangement shall be borne entirely by the bidder. **Self-Declaration certificate shall be enclosed.**	
5	Bidder should have executed orders of Similar Nature i.e. Supply, Installation, Testing and commissioning of transformers of values as stipulated below in the last THREE years. Submit WO copy of **a. Single order of value not less than Rs 107 lakhs** **or** **b. Two orders each of value not less than Rs 80 lakhs** **or** **c. Three orders each of value not less than 53 lakhs**	

6	**Solvency certificate** in the current Financial year from any Nationalized/Scheduled bank shall be submitted for a value of **minimum ₹50 lakhs.**	Latest Solvency Certificate to be submitted.
7	Supplier need to submit the documentary evidence of previous **3 years annual turnover certificate** of minimum **₹100 lakhs** ending with FY2022-23 on an average duly audited by Chartered Accountant.	Documentary proof confirming the same shall be submitted in the technical Bid.

Documentary evidence shall be enclosed with the tender to justify fulfilment of each criteria.

End of Document.