

Commercial Pre-Bid Queries

Tender No. TPCODL/P&S/NEW DT-100/1000000012/20-21

RATE CONTRACT FOR A PERIOD OF 1 YEAR FOR SUPPLY OF NEW STAR RATED 11 / 0.4 KV, 100 KVA DISTRIBUTION TRANSFORMER (AI.) FROM REPUTED MANUFACTURES HAVING VALID BEE AUTHORISATION TO USE STAR LABEL FOR THEIR OFFERED PRODUCT

Sl. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL response
1	1.7 (1) & (2) of tender Notice Qualification Criteria	Bidder must be a BEE Certified OEM of Distribution Transformers The bidder should have valid BEE certification with successful type test reports	Valid BIS licence holder with type test reports shall also be allowed to participate in the tender as the technical guidelines of both the agencies are same. Bidders are allowed to furnish BEE Certificate prior commencemnet of supply.	Under such circumstances Bidder need to furnish an Undertaking to furnish valid BEE Certification to use Star Level within 60 days of issue of RC. Bidder shall furnish the challan copy (application copy) for BEE certification. This shall be applicable to Bidder who meet all other qualification criteria as mentioned in Tender Documents.
2	2.1 of Tender Notice Price Variation	Prices shall remain Firm during the entire contract period	Please allow Price Varaition instead of Firm price as the present market condition where the prices of major raw materials like Aluminium, Copper, CRGO Steel, Transformer Oil and Mild Steel are on ever time high and the upward trend is going on. Besides, ther is shortage of CRGO Steel in the maket resulting unprecedented rise in its price. Distribution companies of Tata Power at Delhi, NESCO, WESCO and SOUTHCO adopted the IEEMA PV formula to neutralize the market flucutation in the interest of both the buyer and supplier.	Bidder shall comply as per clause NO. 2.1 of Tender Doc Price Variation : Prices shall remain Firm during the entire contract period
3	3.3 of Tender Notice Bid Price	The all inclusive prices offered shall be inclusive of all costs as well as duties, taxes and levies paid...	Please confirm who will bear the cost of unloading of transformers at site	Yes it must include cost of loading & unloading at Customer Destination.
4	3.8 of Tender Notice EMD:	Bidder s shall furnish, as part of its bid, an EMD amounting as specified in the tender.	Please amend this clause as per Circular No. CPC/A/C/860/20-21/386 dated 15.04.2021 of Odisha Power Transmission (copy enclosed)	Bidder shall submit EMD as per Clause No. 1.0 otherwise stipulated in Tender Documents, However as per clause no. 1.6 Bids are liable for rejection in absence of EMD of requisite value and validity.
5	7.1 of Tender Notice Special Condition of Contract	PBG applicable shall 5% of Rate Contract value	PBG may kindly be reduced to 3% as per Circular No. CPC/A/C/860/20-21/386 dated 15.04.2021 of Odisha Power Transmission (copy enclosed). PBG shall be furnsihed against Release Orders and not against Rate contract	Bidder shall comply as per clause no. 7.1 of Special Condition of Contract PBG applicable shall 5% of Rate Contract value
6	Page No. 14 Annexure I - Schedule for items	The format shows GST only as taxes and duties	TCS is also applicable which please incorporate in the format	TCS shall be applicable, Bidder need to consider the same while quoting.
7	14.0 of GCC Liquidated Damage	The liquidated damage shall be charged @ 1% per week subject to maximum 10% of the total PO value.	Please amend this clause to read as 0.5% per week subject to maximum of 5% of the delayed quantity	Bidder shall comply as per clause No. 14 of GCC. Liquidated Damages. The liquidated damage shall be charged @ 1% per week subject to maximum 10% of the total PO value.

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8			In view of Covid 19 outbreak due to which most of the states are partially / fully lockdown, we request you to extend the submission of tender date by at least one month.	Bidder need to adhere the Calender as mentioned in Tender Document/ Corrigendum. Time extension at this moment not permissible.
9	1.0 Event information Clause No 1.1	Tender Fee	As we are under the MSME unit on the state of odisha established since 1988. we are eligible to avail exemption of tender cost as per MSME development act-2006 & also it is our regular practice in case of all Distribution companies (CESU,SOUTHCO,WESCO & NESCO) and OPTCL.We request you to Kindly consider our case .	Bidder shall submit Tender Fee as per Clause No. 1.0 otherwise stipulated in Tender Documents, However as per clause no. 1.6 Bids are liable for rejection in absence of Tender fee of requisite value.
10	1.0 Event information Clause No. 1.1	EMD Amount	As we are under the MSME unit on the state of odisha established since 1988. we are eligible to submission 50% of EMD value as per MSME development act-2006 & also it is our regular practice in case of all Distribution companies (CESU,SOUTHCO,WESCO & NESCO) and OPTCL. Earlier you have allow 50% EMD deposit against your Tender Notice No-TPCODM/VKD/O/23 of GCC clause No-9.4.We request you to Kindly ammend the EMD value.	Bidder shall submit EMD as per Clause No. 1.0 otherwise stipulated in Tender Documents, However as per clause no. 1.6 Bids are liable for rejection in absence of EMD of requisite value and validity.

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11	In GCC Clause No. 8.0	Security Performance B.G. 5% of P.O. Value more than Rs.5.0 Crore or 10% of P.O. value less than Rs. 5.0 Crore.	General practice of (CESU,SOUTHCO,WESCO & NESCO) and OPTCL accepting 5% PBG of ex works PO value for only SSI unit in the state of Odisha. Now Govt.of India reduced 3% instead of 5% & 10% Vide Notification No> F-9/4/2020-PPD. Copy enclosed for ready refence.We request you to kindly ammend the clause.	8.0 SECURITY CUM PERFORMANCE DEPOSIT Associates shall submit within 15 days from the effective date of issue of PO/RC, Security Performance Bank Guarantee (SPBG) in the format as per Annexure B of this document from banks acceptable to TPCODL for: (a) 5% of the PO value if purchase order value is more than Rs 5 Crores. (b) 10% of the PO value if purchase order value is less than Rs 5 Crores. This shall remain valid till the end of the Guarantee Period of contract, plus Three months. (c) 5% of the RC value in case of Rate Contract. This shall remain valid till the Guarantee period plus Three months. <input type="checkbox"/> For PO/RC values less than Rs. 5 lacs, Associate may request for deduction of amount equivalent to SPBG value from their first invoice. Such amount shall be withheld by TPCODL while processing the invoice and shall be released after completion of Guarantee Period plus Three months. <input type="checkbox"/> For PO/RC values less than Rs. 3 lacs, the clause (8.0) for Security cum Performance Bank Guarantee (SPBG) shall not be applicable. <input type="checkbox"/> In case of RC (Rate Contract) after the expiry of RC validity, Associate shall have to submit SPBG. However, the Associate has the
12	In Technical Specificatio Clause No. 10.0 and In GCC clause No. 13.2	Guarantee Period	In Technical Specification (Clasue No 11.0) Mentioned that Guarantee Period 48 Months commissioning & 60 from the date of supply where as in GCC (Cl. 13.2) mentioned that 60 Months & 66 Months respectively.This is the contradictory which one is correct ? . We request you to Please clear our doubt.	Bidder shall stand guarantee towards design, materials, workmanship & quality of process/ manufacturing of items under the contract for due and intended performance of the same, as an integrated product delivered under this contract. In the event any defect is found by the Purchaser up to a period of 48 months from the date of commissioning or 60 months from the date of last supplies made under the contract, whichever is later. Bidder shall be liable to undertake to replace/rectify such defects at his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and
13			General practice of (CESU,SOUTHCO,WESCO & NESCO) and OPTCL issue the PO with Gurantee Period of 42 month from the date of supply / 36 month from the date of commissioning whichever is earlier in case of Distribution Transformer up to 500 KVA Transformer.PO Copy enclosed for ready refence.kindly ammend the GC clause only for Distribution Transformers.	

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14	In Event Information Clause No. 7.5 and In GCC Clause No. 6.0	Payment Terms	Mention in your Scope of Work (Cl. 7.5) as 100% payment within 45 days where as in GCC (Cl. No.6) mentioned within 30 days. Which on is correct ?.We request you to Please clear our doubt.	7.5 Payment Terms On delivery of the Transformers in good condition and certification of acceptance by certified official, Associate shall submit the Bills/ Invoices in original in the name of TP Central Odisha Distribution Limited to Invoice Desk. The payment shall be released within 45 days from the date of submission of certified bills/ invoices
15	In GCC Clause No.14.0 (a)	Liquidated Damage	General practice of (CESU,SOUTHCO,WESCO & NESCO) and OPTCL issue the PO with Imposed penalty .5% to maximum to 5% only for SSI unit in the state of odisha.PO Copy enclosed for ready refence.kindly ammend the penalty clause to sustaion /survive a MSME/SSI unit like us.	Bidder shall comply as clause no. 14 (a) and 14 (b)
18	8.0 - Security cum Performance Deposit of GCC (P.No. 146)	Associates shall submit within 15 days from the effective date of issue of PO/RC, Security Performance Bank Guarantee (SPBG) in the format as per Annexure B of this document from banks acceptable to TPCODL for: (a) 5% of the PO value if purchase order value is more than Rs 5 Crores. (b) 10% of the PO value if purchase order value is less than Rs 5 Crores. This shall remain valid till the end of the Guarantee Period of contract, plus Three months. (c) 5% of the RC value in case of Rate Contract. This shall remain valid till the Guarantee period plus Three months.	Requested for acceptance of Performance Bank Guarantee @5% of PO Value irrespective of order value.	8.0 SECURITY CUM PERFORMANCE DEPOSIT Associates shall submit within 15 days from the effective date of issue of PO/RC, Security Performance Bank Guarantee (SPBG) in the format as per Annexure B of this document from banks acceptable to TPCODL for: (a) 5% of the PO value if purchase order value is more than Rs 5 Crores. (b) 10% of the PO value if purchase order value is less than Rs 5 Crores. This shall remain valid till the end of the Guarantee Period of contract, plus Three months. (c) 5% of the RC value in case of Rate Contract. This shall remain valid till the Guarantee period plus Three months. <input type="checkbox"/> For PO/RC values less than Rs. 5 lacs, Associate may request for deduction of amount equivalent to SPBG value from their first invoice. Such amount shall be withheld by TPCODL while processing the invoice and shall be released after completion of Guarantee Period plus Three months. <input type="checkbox"/> For PO/RC values less than Rs. 3 lacs, the clause (8.0) for Security cum Performance Bank Guarantee (SPBG) shall not be applicable. <input type="checkbox"/> In case of RC (Rate Contract) after the expiry of RC validity, Associate shall have to submit SPBG. However, the Associate has the

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19	12.1 - Material Dispatch Clearance Certificate of GCC	Delivery of Transformers at Stores / Project Site	The Manufacturer will supply the DTRs to the Divisional / District Stores of TPCODL	Material Dispatch Clearance Certificate Associate shall deliver material/goods/equipment against Supply Contracts or Supply Part of Composite/Service Contracts only after receiving Material Dispatch Clearance Certificate (hereafter termed as MDCC) issued by designated authority of TPCODL. Material delivered at TPCODL stores or at project site without a valid MDCC issued by the designated official of TPCODL shall be rejected. MDCC shall be issued to associate furnishing compliance report on the action points documented during pre-dispatch inspection and testing at Associate's/ Sub Associate's plant/ facility. In case Pre-dispatch inspection is waived at the discretion of TPCODL, then, MDCC shall be issued on receiving all the test reports-routine& type-from the Associate and finding them in order. The associate shall include and provide for securely protecting and packing the materials so as to avoid loss or damage during handling and transport by air, sea, rail and road or any other means. All such packing shall allow to the extent possible for easy removal and checking at Site. The associate shall take special precautions to prevent rusting of steel and iron parts during transit by sea. Gas seals or other materials shall be utilized by the associate for protection against moisture during transit of all
20	7.5 Payment Terms of Event Information (P.No. 18)	On delivery of the materials in good condition and certification of acceptance by certified official, Associate shall submit the Bills/ Invoices in original in the name of Tata Power Central Odisha Distribution Limited to Invoice Desk. The payment shall be released within 45 days from the date of submission of certified bills/ invoices	Payments shall be assured and released to the Supplier within 45days from the date of supply of Materials.	7.5 Payment Terms On delivery of the Transformers in good condition and certification of acceptance by certified official, Associate shall submit the Bills/ Invoices in original in the name of TP Central Odisha Distribution Limited to Invoice Desk. The payment shall be released within 45 days from the date of submission of certified bills/ invoices
21	Annexure-1 Schedule for Terms NOTE 1st Point (P.No.20)	The overall period of the rate contract shall be for a period of 1 year and prices shall be "FIRM" till the validity of contract. Release order shall be issued as per requirement of TPCODL.	Price Variation must be applicable by considering the base date & base date should be the date of opening of the Tender	Bidder shall comply as per Clause No. Annexure-1 Schedule for Terms. The overall period of the rate contract shall be for a period of 1 year and prices shall be "FIRM" till the validity of contract. Release order shall be issued as per requirement of TPCODL.

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22	1.0 of Event Information (P.No. 17)	Delivery period shall be 90 days from date of issue of release order/ CAT-A issuance.	Client/TPCODL must inform about the requirement of the DTRs to the manufacturer / supplier well in advance i.e, before 90days of the scheduled delivery	Delivery period shall be 90 days from date of issue of release order/ CAT-A issuance.
23	1.7.4 of Event Information (P.No.11) Qualification Criteria	The bidder should have supplied distribution transformers of same or higher rating with specifications as mentioned above, minimum 50% of the quantity tendered, during any one of the financial year out of the immediate past three financial years.	It is requested to accept instead of Number of DTRs please consider in terms of KVA manufactured and supplied in last all 3 Years instead of 1 Year including consideration for supply of Power Transformers.	Bidder need to comply as per clause no. 1.7.4 of Event Information (P.No.11) Qualification Criteria
24	1.7.3 of Event Information (P.No.11) Qualification Criteria	The bidder should have valid BEE certification with successful Type Test Report (TTR) conducted from CPRI / ERDA/ International Accredited Laboratory and shall furnish the same as a part of the Technical Bid. The type tests should have been conducted on the equipment / material of the same design. The type tests should have been conducted within 5 years prior to the date of bid opening. Time period for type test can be extended by another 5 years as a special case, if there is no change in design / material of construction (MOC). In case the type test reports furnished are not for the quoted equipment / material but for the equipment / material with higher voltage class and/or different capacity, then type test shall be carried out for the offered equipment / material from CPRI/ERDA / International Accredited Lab without any cost implication to the owner and the Type Test reports and relevant drawings duly approved by the Type Testing agency shall be furnished within 3 months from the date issue of RC.	Will provide valid Type Test Reports within 4 months time period after receipt of LOA	The relevant Provision of Tender Specification shall prevail.
25	As Per Clause 2.1 Price Variation Clause	The prices shall remain "FIRM" during the entire contract period	Please note, prices of all the major raw materials and components, required for manufacturing of transformers, are increasing abnormally and have reached levels, beyond the imagination of the industry. It would be very difficult to predict the price movement of material for the contractual period mentioned by your company. It would be mutually beneficial, if Price Variation, as per IEEMA formulae, is adopted for this tender as against the "FIRM Price" basis. As the prices of Raw materials increasing Abnormally. The TATA POWER, Delhi is also floating the tenders with prices on variable basis. Hence, we request to consider our request for revision of the clause as "The Prices shall be "VARIABLE" with base date as 01.04.2021 as per IEEMA formulae" as against "FIRM" basis	Bidder shall comply as per clause NO. 2.1 of Tender Doc Price Variation : Prices shall remain Firm during the entire contract period

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22	2.0 Evaluation Criteria (P.No. 12)	Bidder has to mandatorily quote as per schedule of item [Annexure-I]. Failing to do so TPCODL may reject the bid.	Please give right to Bidder for quoting quantity and rating of Transformer for particular Tenders and compulsion on TPCODL for purchasing of minimum 50% of offered quantity in particular Rate Contract Year.	Bidder shall comply as per clause no. 2.0 Evaluation Criteria Bidder has to mandatorily quote as per schedule of item [Annexure-I]. Failing to do so TPCODL may reject the bid.
23	Pre-Bid Meeting			Online Pre- Bid meeting is scheduleed on 5th May 21. Link shall be shared separately

Technical & Commercial Pre-Bid Queries

Tender No TPCODL/P&S/NEW DT-100/100000012/20-21

Package Name RATE CONTRACT FOR A PERIOD OF 1 YEAR FOR SUPPLY OF NEW STAR RATED 11 / 0.4 KV, 100 KVA DISTRIBUTION TRANSFORMER (AI.) FROM REPUTED MANUFACTURES HAVING VALID BEE AUTHORISATION TO USE STAR LABEL FOR THEIR OFFERED PRODUCT

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1	5.2 (3) of Technical Specification Losses	The successful bidder shall guarantee the quoted losses for at least five years. If at any point of time during operation if it is found that the total losses at 50% and 100% load are more than the value given in specifications, then bidder shall be liable to pay a fine of Rs.250 per watt to the amount by which losses at 50% loading and 100% loading increase the values given in specification	Tolerance should be allowed on 50% and 100% guaranteed loss considering the transportation and handling factors	The successful bidder shall guarantee the quoted losses for at least five years. If at any point of time during operation if it is found that the total losses at 50% and 100% load are more than the value given in specifications, then bidder shall be liable to pay a fine of Rs.250 per watt to the amount by which losses at 50% loading and 100% loading increase the values given in specification
2	5.2 (1) of Technical Specification Losses	The bidder shall guarantee individually the no load and load loss without any positive tolerance.	As per BIS / BEE guidelines , losses at 50% and 100% load shall be guaranteed. Therefore please delete this clause	The bidder shall guarantee individually the no load and load loss without any positive tolerance.
3	5.5 of Technical Specification Radiators	Radiators of pressed steel type conforming to the design requirement shall be provided	Please also allow Corrugated Wall Panels	Radiators of pressed steel type conforming to the design requirement shall be provided
4	As per clause 5.2 Winding Connections	1.Primary and secondary windings shall be constructed from high conductor (Aluminium conductors), Double paper covered (DPC) aluminium conductor.	We wish to bring to your kind notice that, option for Super enamel covering on conductor is also acceptable as per IS-1180 (Part-1)-2014 and it is also mentioned in the guidelines for energy efficient distribution transformers, issued by Central Electricity Authority(CEA). Hence,we request to review the same and issue necessary amendment to the specification by giving equal opportunity for both DPC and Enamel covering on the conductor.	Primary and secondary windings shall be constructed from high conductivity (Aluminium conductors), Double paper covered (DPC) Aluminium conductor.
5	As per clause 4.General Technical Requirements The 100% & 50% Total losses are mentioned as Energy Efficiency Level - 2.	The 100% & 50% Total losses are mentioned as Energy Efficiency Level - 2.	Please note, all the prospective distribution companies, such as APEPDCL & APSPDCL of Andhra Pradesh and TSSPDCL &TSNPDCL of Telangana State adopted Energy Efficiency Level -3 (EEL-3) losses for procurement of transformers. Hence, we request to take note of the same amend the losses as per EEL-3 as against the losses of EEL-2 mentioned in the specification.	The 100% & 50% Total losses are to be provided as Energy Efficiency Level - 2.

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6	As per Clause 8.0 Type Test Certificates.	The bidder shall furnish the type test certificates of the Distribution Transformer for the tests as mentioned above as per the corresponding standards. All the tests shall be conducted at CPRI as per the relevant standards. Type Test should have been conducted in certified Test laboratories during the period not exceeding 5 years from the date of opening the bid. In the event of any discrepancy in the test reports, i.e. any test report not acceptance, same shall be carried out without any cost implication to TPCODL.	We during the tender submission stage shall submit the type & special test reports, carried out at NABL accredited lab, of same or higher rating / voltage class transformers for evaluation purpose. Upon receipt of the order, we shall conduct the type & special tests, at CPRI, at our cost (i.e. without any cost implication to TPCODL). We request to allow us to proceed for bid submission as per above	Accepted. Undertaking to be given in letter head. However before final material inspection approved Type test report need to be submitted.
7	5.3 of Technical specification.	Windings shall be of Double Paper Covered Aluminium conductor	We request you to kindly give option for super enamel covering also, as per CEA guidelines and IS 1180(part-1):2014.	Primary and secondary windings shall be constructed from high conductivity (Aluminium conductors), Double paper covered (DPC) Aluminium conductor.
8	5.1 of Technical specification.	Transformer core shall be stack type, 2D, constructed from high grade cold rolled, non-ageing, grain oriented, silicon steel lamination which shall be properly annealed (under inert atmosphere, if required) to relieve stresses.	<p>We request you to kindly give option for Amorphous core also based on the following advantages.</p> <p>Why Amorphous Metal for Transformers? The No-Load Losses in transformer are of the utmost important since they occur throughout the life of the transformer and if we can reduce these losses by any method, then the savings to the user are enormous. A unique electrical steel known as Amorphous Metal, which provides significant reduction in the core losses that helped to make high energy efficient distribution transformers.</p> <p>ADVANTAGES OF AMORPHOUS METAL CORE TRANSFORMERS:</p> <ul style="list-style-type: none"> • No-load loss reduced to a rock bottom low of 25% as compared to crgo transformers. • Losses due to non-linear loading (i.e. Harmonic distortion) is reduced typically by about 570 watts for a 100 kva transformer. • Less magnetizing current. • Cumulative saving of energy cost. • Total owning cost to customer is much less. • Reduction in fossil fuel consumption. • Better "demand side management". • Less temperature rise of core. • The core design and clamping structure is special and sturdy, and coils being progressively 	Amorphous metal core is not accepted

SI. No.	Clause description	Description as per Bid Document	Query	TPCODL Response
9	5.1 of Technical specification.	Core: Transformer core shall be stack type	<p>We request you to kindly add option for wound core construction by considering the advantages of Wound core construction over Stacked core construction.</p> <p>Wound core construction is ideal for transformers with CRGO silicon steel also wound cores features a step – lap joint will minimizing eddy current losses. Hence, the core destruction factors will be less compared to the core with stacked construction resulting in lower No-load loss. Wound core transformers are light weight and compact.</p> <ul style="list-style-type: none"> <input type="checkbox"/> Wound core certainly eliminates the possibility to use small pieces of lamination. This can avoid the use of scrap pieces of CRGO in distribution transformers. Hence in a way if wound core transformers are incorporated, it eliminates the use of scrap CRGO. Mechanically strong to resist short circuit forces. This aspect has been adopted by PGCIL for smaller distribution transformers. <input type="checkbox"/> Thermally strong for higher load capability and longer life. <input type="checkbox"/> Efficient, providing maximum output at minimum operating cost. <input type="checkbox"/> Electrically strong to resist lightning and switching surges. <input type="checkbox"/> Generation of low radial leakage flux which leads to Less short circuit axial forces. 	Core: Transformer core shall be stack type
10	4..0(20) of Technical Specification	Normal flux density (at rated voltage and frequency) – 1.6T	<p>We request you to kindly allow the Normal flux density (at rated voltage and frequency) up to 1.69T which is in limits, as the Max flux density(Increase of +12.5% combined voltage and frequency variation form the rated voltage and frequency) is 1.9T</p> <p>(i.e-1.9 Tesla Max/1.125%=1.6888 Tesla)</p>	Normal flux density (at rated voltage and frequency) – 1.6T

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11	5.6 of technical specification	Gasket: Nitrile/Neoprene rubber gaskets confirming to Type V as per IS 11149 shall be provided for bushing oil gaskets and tank cover.	As per Cl no. 15.4 of IIS 1180Part-1) gaskets shall confirm to type-III of 11149 or type-C of IS 4253 which refers to cork rubber gaskets. Accordingly we use cork gaskets.	1. Cork rubber gaskets conforming to Type C , grade RC70 as per IS 4253 (Part-2) shall be provided for all oil bearing & water ingress resistant requirements for components like HV & LV bushings bottom gasket, HV & LV terminal box, Top Cover, Conservator, Valves etc. 2. Nitrile/Neoprene rubber gaskets conforming to Type IV – 4C (heat and oil resistant) as per IS 11149 shall be provided for bushing O ring (oil gaskets). 3. Only Joint free Gasket to be used. 4. Cork sheet, Nitrile/Neoprene rubber gaskets shall be free from cracks, pinholes and shall be capable of being cut or punched without crack or tearing.
12	5.4 of Technical Specification	The thickness of tank should be as below: For top and bottom : 6 mm (min.) For Sides : 5 mm (min.) Negative tolerance is not accepted in tank sheets and only positive tolerance shall be applicable as per IS 1852.	We will provide the thickness of tank as per IS:1852 with +/- Tolerance. Kindly confirm.	The thickness of tank should be as below: For top and bottom : 5 mm (min.) For Sides :3.15 mm (min.) Negative tolerance is not accepted in tank sheets and only positive tolerance shall be applicable as per IS 1852.
13	5.16 of Technical Specification	The transformer shall be suitable for loading as per IS 6600.	As per BIS gazette dt:09/06/2015, IS 6600 has been replaced with IS 2026-7. Hence, transformer shall be suitable for overloading as per IS 2026-7	The transformer shall be suitable for loading as per 2026 part-7.
14	5.5 of Technical Specification	Thickness of sheet for radiators shall be 1.2mm	These two clauses are contradictory please provide the required radiator thickness.	Thickness shall be 1.2mm
15	Profarma Radiators	Fin radiator of 1.25mm thick sheet		
16	5.21 of Technical Specification	1. Top Filter Valve	As per IS 1180 the said fittings are not standard fittings. Hence we can remove the said fittings. Please confirm.	Top filter valve to be provided
17		2. An extended pipe connection on upper end with welded cover to enable use of a refilling/siphon connection.		1) The conservator oil filling cap/hole shall be of 32mm diameter & female type cap to be provided. 2) All caps/air plug to be fixed with Teflon tape such way that atmospheric air should not pass inside conservator, only filtered air from breather shall go in conservator tank
18		3.Drain cum sampling valve and filter with locking arrangement.		.Drain cum Sampling Valve of brass metal wheel (0.75 inch nominal size thread, IS 554) with locking arrangement and a valve cover made of M.S.steel
19		4.Inspection cover		Inspection cover is not required upto 100KVA
20	5.11 of Technical Specification	LV cable box shall be provided with tinned brass palm connector with aluminium bus bar and shall be fitted with brass glands for LV cable.	As the cable box is required with one run per phase we can eliminate aluminium bus bar and palm connector. We could place lug to the bushing and cable will be connected to the Lug. Please confirm the arrangement.	1. Tinned Brass palm connector (with current rating w.r.t Load current), and Aluminium busbar (current density: not more than1 A/mm ²) shall be provided. 2. Busbar shall be supported with insulator at the top portion of terminal box.

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21	11.0 Guarantee, Technical Specifications (P.No. 53)	In the event any defect is found by the Purchaser up to a period of 48 months from the date of commissioning or 60 months from the date of last supplies made under the contract, whichever is later.	Request for considering defect liability period of 60months from the date of supply of Transformers.	In the event any defect is found by the Purchaser up to a period of 48 months from the date of commissioning or 60 months from the date of last supplies made under the contract, whichever is earlier.
22	11.0 Guarantee, Technical Specifications (P.No. 53)	Bidder shall be liable to undertake to replace/rectify such defects at his own costs.	Yes, accepted But the Transformers sealed should not broken or opened and Manufacturer is not responsible for any Physical Damages. Manufacturer is only responsible for only those defects which will occurred due manufacturing fault. I.e, manufacturer will not be responsible for failure of DTR due to overload, theft or shortage of oil, lightening stroke etc	Accepted.Damage during transport from OEM Factory to TPCODL Store is under supplier responsibility
23	1.0 of Event Information (P.No. 17)	Delivery period shall be 90 days from date of issue of release order/ CAT-A issuance.	Client/TPCODL must inform about the requirement of the DTRs to the manufacturer / supplierwell in advance i.e, before 90days of the scheduled delivery	Once the Order placed / CAT-A drawing approved the bidder has to supply the Transformer within 90days
24	11.0 Guarantee, Technical Specifications (P.No. 53)	In case of Distribution transformer fails within the guarantee period the purchaser will immediately inform the Bidder who shall take back the failed Distribution Transformer within 15 days from the date of intimation at his own cost and replace / repair the transformer within forty-five days of date of intimation with a roll over replaced shall not be counted for arriving at the guarantee period.	Will collect failed DTR from your Central Stores and will provide either replacement / repair at the same location only I.e, authroise stores of TPCODL within prescribed time period.	Accepted.However centralised Store locations list will be shared by TPCODL
25	11.0 Guarantee, Technical Specifications (P.No. 53)	Bidder shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Purchaser guarantee. The outage period i.e. period from the date of failure till unit is repaired /	Guarantee period of DTR will be of 60 months counted from the date of delivery of DTR and if it will failed during defect liability failed then it will be repair / replace without extending additional liability period	Bidder shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Purchaser guarantee. The outage period i.e. period from the date of failure till unit is repaired /
26	Annexure-1 Proforma for Stage Inspection (P.No.66) & 9.5 - Pre Dispatch Inspection - Technical Specifications (P.No.106)	The stage inspection shall be carried out in accordance with Annexure-I.	Normally Stage Inspection carried out for Power Transformers i.e, 33kV or above Voltage level Transformers so requested for it is to be waived the Stage Inspection and conducted at the time of Final Inspection.	The stage inspection shall be carried out in accordance with Annexure-I.It is solely decision of TPCODL to do the inspection or for waiver.
27		Delay in Inspection	Delay of Inspection must be counted at TPCODL end while imposing any LD / Penalties due to delay of delivery thereof.	Accepted. LD delivery clause will not be imposed for the Delay in delivery when there is delay by TPCODL end . Delay for any other reason should be counted in LD Penalty
28	5.9	HV Bushing Mounting	HV bushing to be mounted on Top cover . Kindly confirm	Accepted
29	5.23.k	Stiffner angle	Kindly provide the size of stiffner angle.	To be provided by OEM as per size of Transformer

Sl. No.	Clause description	Description as per Bid Document	Query	TPCODL Response
30	5.11	Cable Box	LV cable box shall be made suitable for 4R x 1C x 185sqmm cable or 1R x 4C x 185sqmm. Kindly clarify	<p>1) The clearance above bushing shall be 120mm and below busbar cable mounting bolt shall be 450mm up to gland plate. 2) LV Cable Boxes suitable for Single core 185Sqmm cable per phase for 100KVA TRF . 3) Adequate Clearance should be provided phase Bus bar to cable Box. Minimum clearance should be given 90mm between any live part to cable box.</p> <p>4) Design clearance will be reviewed during final drawing approval</p>

UNDERTAKING FOR SUBMISSION OF BEE CERTIFICATION

(Applicable for bidders who have CPRI/ERDA Type Test Report for offered materials from accredited testing laboratory)

Name of the Purchaser: -----

Tender Specification No: -----

Sir,

I/we, the undersigned do hereby undertake, that we shall submit BEE certification as OEM, provided to that we have meet all other qualification criteria, etc., for our offered materials within 60 days from the date of issue of Rate Contract by TPCODL, failing which TPCODL may cancel the RC issued in our favour forfeiting our E.M.D.

Yours faithfully,

Place -

Date -

Signature of the bidder

With seal

(This Annexure shall be duly filled-up and signed by the bidder & submitted along with the original copy of the Bid.)