

CENTRALIZED CONTRACTS GROUP**NIT No.: TPCODL / CCG / 2025-26 / 1000008295****Corrigendum- I****NIT No.: TPCODL / CCG / 2025-26 / 1000008295****Rate Contract - Supply of Single Phase Smart Meter (5-30 Amp) with Boxes for TP Odisha DISCOMs****Dated 06th March 2026****Following changes in tender document is made;****1.3 Calendar of Events (Page No. 6)**

(b)	Date by which Interested and Eligible Bidder to pay Tender Fee and confirm participation as mentioned in "Procedure to Participate in Tender"	07-03-2026
(e)	Due date and time of receipt of Bids	16.03.2026 [15:00 hrs]
(f)	Date & Time of opening technical bids	16.03.2026
(g)	Due Date for receipt of Sample Meter for testing as per below address	16-03-2026
(h)	Date & Time of opening of Price of qualified bids	To be notified to the successful bidders

13.1 Special Conditions of Contract**Existing: (Point No. 4)**

Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this 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 TP(C/N/S/W)ODL up to a period of at least 60 months from the date of commissioning or 66 months from the date of last supplies made under the contract whichever is earlier, Bidder shall be liable to undertake to replace/rectify such defects at its own costs, within mutually agreed time frame, and to the entire satisfaction of the Company, failing which the TP(C/N/S/W)ODL will be at liberty to get it replaced/rectified at bidder's risks and costs and recover all such expenses plus the Company's own charges (@ 20% of expenses incurred), from the bidder or from the " Security cum Performance Deposit" as the case may be. Bidder shall own responsibility for all internal component with an end to end agreement with individual component manufacturer.

Revised:

Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this 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 TP(C/N/S/W)ODL up to a period of at least 96 months from the date of commissioning or 102 months from the date of last supplies made under the contract whichever is earlier, Bidder shall be liable to undertake to replace/rectify such defects at its own costs, within mutually agreed time frame, and to the entire satisfaction of the Company, failing which the TP(C/N/S/W)ODL will be at liberty to get it replaced/rectified at bidder's risks and costs and recover all such expenses plus the Company's own charges (@ 20% of expenses incurred), from the bidder or from the " Security cum Performance Deposit" as the case may be. Bidder shall own responsibility for all internal component with an end to end agreement with individual component manufacturer.

Pre-bid response & Revised GCC as attached below;

All other terms and conditions of the above tender shall remain unaltered.

Yours faithfully,**-sd-****HoD - CCG**

Format for Pre-Bid Queries				
Tender No: TPCODL / CCG / 2025-26 / 1000008295				
Tender Description: Rate Contract - Supply of Single-Phase Smart Meter (5-30 Amp) with Boxes for TP Odisha DISCOMs				
Bidder :				
Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
1	2	3	4	5
1	4.03 Basic Current (Ib) & rated Maximum current (Imax)	Meter will be tested after changing the tripping setting to 150% in a randomly selected meter on need basis	Need to clarify	Meter will be tested after changing the relay tripping setting to 150% I _{max} in a randomly selected meter. The terminals and all connecting screws should be capable of withstanding a current of 150% of I _{max} min for two hours, continuously.
2	4.23 Self-Diagnostic feature	The meter shall have indications on meter display, for anomaly/unsatisfactory / non-functioning of (i) Real Time Clock (ii) RTC battery (iii) Non Volatile Memory (iv) NIC Status of NIC (installed / discovered /normal) / Signal Strength	Please accept meter indications on meter display will be like (i) Real Time Clock (ii) RTC battery (iii) NVM (iv) NIC Signal strength will be display in the meter in Test mode as RSSI. NIC status will be shown in the meter in Test mode as error – 00 to 11	Noted. RTC, NVM , battery status should also be available in BCS data
3	4.25 Alternate mode of supply to the meters	In case of power failure, reading / data should be retrieved with the help of battery or other power source.	In case of power failure, reading / data should be retrieved with the help of battery through optical communication.	Noted.
4	4.27 Minimum Internal diameter of the terminal holes Depth of the terminal holes	5.5 mm (minimum) 22 +1 mm	Please accept depth of terminal holes - 17.5 mm ± 1 mm	Noted.
5	4.31 Software and communication compatibility	The bidder shall supply software required for local HHU & Remote (AMI) connectivity including required training to use the software free of cost as required by utility or HES / Communication service provider. If this software can be used in a device readily available in market and can connect to meter through optical port or other communication port without any security checks / or with MR securities which OEM will provide; then, OEM can provide only software, else the device on which this software will run is also to be provided along with technical specification of this device	Please accept the Android-based mobile application, which will be compatible with Android-based devices	Noted. All features of CMRI application like data downloading, transaction (through authenticated command), connect/disconnect, metering mode change should be available in android-based solution
6	4.31 Software and communication compatibility	BCS, mobile application with all the features including meter reading, connection/disconnection, firmware update, ToD update, etc will be required.	Firmware upgradation will be done by HES only.	Specification to be complied.
7	4.33 Communication module of meter for AMI	All the NICs should be same & compatible with all types of meters (single phase/PPWC/LTCT/HT) & should be hot swappable	The single-phase meter NIC will be different from the three-phase NICs, and the single-phase NIC can be compatible with single-phase meters of the same make only.	Specification to be complied.
8	4.1 Disconnector Switch	4. No. of poles - Double Pole relay for phase & neutral	Two relays will be provided—one for shunt and the other for CT—and they will work simultaneously	Noted.
9	4.3 (a) Communication capabilities and software feasibilities	4.3.1 The meter shall have facilities for data transfer locally through Meter Reading Instrument (MRI)/Mobile app/BCS (Using optical port) and remotely by 4G with proper security via Plug-in type NIC. Data transfer locally through optical port via MRI is desired along with data transfer through NIC card. The data downloaded in MRI / Hand Held Device shall be integrated to HES data base	Please accept the Android-based mobile application, which will be compatible with Android-based devices that will be downloaded to the meter via optical port.	Noted. All features of CMRI application like data downloading, transaction (through authenticated command), connect/disconnect, metering mode change should be available in android-based solution
10	4.3 (a) Communication capabilities and software feasibilities	4.3.17 Communication NIC / network should be immune with any external Magnetic field / ESD/ Jammer/ HV voltage influence such that it shall not affect the normal overall functionality	Please accept as per CBIP-325	Specification to be complied.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
11	4.3.8	The bidder should provide DLMS compliance as per conformance test tool for Communication with the meter at Optical port and at HES.	Please share the test cases and procedures for performing the test on the HES for DLMS CTT. We conduct the compliance test using the optical port only.	Specification to be complied. (Should pass in both HDLC, TCP)
12	4.4 b) IMMUNITY AGAINST EXTERNAL INFLUENCING SIGNALS (to be attained with meter box):	4.4.1 Magnetic Field and abnormal magnetic field 4.4.2 ESD 4.4.3 High Voltage and High Energy or Low Energy Impulse 4.4.4 JAMMER	Please accept as per CBIP-325.	Specification to be complied.
13	4.4.3 Electrostatic Discharge (ESD)	The shielding around the meter inside meter box, shall be such that it does not get affected by high Voltage and high energy or low energy impulse when comes in contact with meter from any side.	We will be provided a suitable arrangement as per design for the compliance of ESD test.	Specification to be complied.
14	4.5 (c) NEUTRAL DISTURBANCE & OTHER TAMPERS	4.5.4 Defraud Metering is not required if all the connections are intact & supply voltage is low. There is no external interference	During Neutral disturbance (ND) conditions, if the meter is powered on, it will record energy based on the actual electrical conditions as per measured its terminals. If the meter is in power-off (sleep) mode, it will record energy using rated voltage and unity power factor (UPF), proportional to the drawn current, and log an ND tamper event.	Specification to be complied.
15	4.6.3 Abnormal Tamper conditions	Meter should have break to open design and cover open tamper snapshot should be with Kwh and Kvah reading. Meter should have a permanent indication in its display as well as logging of tamper in case of removal of top cover, even in power off condition.	As per IS 15959 Part 1, meter top cover open tamper is non rollover tamper that is logged with date and time with event ID.	Specification to be complied.
16	4.6.8 Abnormal Tamper conditions	The Cover Open tamper detection should be through heavy duty, sturdy micro switches such that it should not log false event on vibration or impact during handling or testing.	For the Cover Open tamper detection, We will provide Carbon Pad.	Specification to be complied.
17	Tamper Table No. 1	Neutral Disturbance Threshold Value for Occurrence of Events Voltage > 145% of Vref, Current >10% Ib and Frequency <47 Hz OR Frequency > 53Hz OR DC voltage / signal/ pulse/ chopped signal injection / as per the conditions of Clause 4.5.4	Case 1: Voltage >145% of Vref & Current >10% of Ib Case 2: 47Hz > Frequency >53Hz Case 3: DC Voltage/signal/pulse/chopped signal injection. Case 4: Voltage <115V and earth Load condition present & Current >10% of Ib.	Specification to be complied.
18	Tamper Table No. 1	Voltage <115% of Vref Current > 10% Ib AND Frequency > 47 Hz OR Frequency < 52 Hz	115V < Voltage <276V & both current (Ip & In) >10% Ib and Frequency >47Hz & Frequency <52 Hz	Specification to be complied.
19	4.7.1 Event Compartment	The size of the event compartments should be such that, all above events (in table no.1 and other required events defined in various clauses of this documents) are accommodated in the assigned event category compartment i.e. if in case of voltage compartment assigned to 4 number of events, then the minimum size of this compartment should be such that, it should accommodate sum of all maximum number of events as marked above table no. 1	The event compartments as per DLMS IS 15959 Part 2	Preferably Current related-100 Others -100 Power on off- 100 Transaction- 100 Control Event- 100 Non rollover 1
20	5.1 Meter Body	5.1.3 Meter base shall be opaque with polycarbonate LEXAN 500R or equivalent (i.e chart of Lexan 500R compared with the alternative material) on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid)	Please accept superior material like 503R, or equivalent for meter base also. Since the same material grade is also accepted for meter cover	Noted.
21	5.1.4 Meter Body	Meter cover shall be transparent with polycarbonate LEXAN 143R / 943A or equivalent on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid)	Meter top cover opaque and LCD Window transparent	Noted. Material data sheet with features to be submitted.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
22	5.1.7 Meter Body	Unidirectional screws with sealing arrangement through the screw (upside down)to be used on meter covers where ever required.	Screws will be tightened from top side with Sealing from top side	Upside down unidirectional screw (covered) is preferable so that unidirectional screw can not be opened with the help of any tool.
23	5.1.8 Meter Body	The Meter body shall be such that the liquid or chemical shall not reach the electronic parts if liquid is injected from any side of meter body such as meter terminals, push button, display, NIC card casing Necessary protection and water tight sealing to be provided at terminals and Push buttons etc.	As per specification clause no. 4.16 Comply with IP 51 Protection against penetration of dust and water with IS 13779	Specification to be complied.
24	5.1.9 Meter Body	Metallic plate at the back & 2 sides (Left and Right) of the Smart Meter to reduce electromagnetic interference and protect internal circuitry.	We will be provided a suitable arrangement as per design for the compliance As per CBIP 325	Specification to be complied.
25	5.2.4 Terminals and Terminal Block	The terminal block shall be of opaque with polycarbonate LEXAN 500R or equivalent on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit the relevant material data sheet in technical bid).	PBT 30% G.F. material will be provided which is passing the test given in ISO 75 for temperature of 180°C and pressure of 1.8 M Pa.	Noted. Material data sheet with features to be submitted.
26	5.2.6 TERMINALS, TERMINAL BLOCK	5.2.6 The Size of the screw shall be 6mm dia. The material and plating details of terminals screw shall be provided. MS screws shall not be accepted. To get the desired temperature rise & avoid hot spots the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided	Ni Plated Cheese head brass screws will be provided as the brass Allen screws head get damaged after several times tightening of the screw	Noted
27	5.3 TERMINAL COVER	5.3.3 The terminal cover shall be short: 25 mm length from bottom of terminal block in line with meter base	Please accept 20 mm extended type terminal cover.	Noted
28	5.6	LOAD SURVEY (FOR PRE-PAID, POST-PAID & NET METER MODE)	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
29	5.7	Instantaneous Parameters	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
30	5.7.1	General Information	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
31	5.7.2	Billing Parameters	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
32	5.7.3	TRANSACTIONS: All the changes in software of meter to be logged along with date & time stamp and readings. Meter should do billing if any billing related transaction is done.	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
33	Clause No. 5.8.3 Page No.54	NAME PLATE AND MARKING Meters shall have a name plate clearly visible and effectively secured against removal. The name plate data should be laser printed. The base colour of Name plate shall be blue(as of TP(C/N/S/W)ODL logo)Indelibly and distinctly marked with all essential particulars as per relevant standards along with the following.	We request you to kindly accept printing details will be laser printed on meter top cover, because meter top cover will be opaque with viewing window.	Noted
34	Additional information	6. Following annexures are added in this document a. Push data list – Annexure-A 1) Instant profile four times a day ie. 05:00am, 11:00am, 05:00pm, 11:00pm) 2) Daily Energy Profile every day at 03:00am 3) Monthly energy profile (as and when MD reset occurred) at 03:00am 4) Event flag once daily at 05:00am(Event Flag will generate when event occur so push flag once daily at 03:00am is not applicable.)	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
35	Annexure B	Name Plate Profile : 13 SIM SL No. 0.0.96.1.9.255 TP(C/N/S/W)ODL	We will provide TP C/N/W/S ODL data models based on existing supplies that are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
36	General Queries	Data models - Annexure - A (Push Data) Annexure - B (Profile Sheets) Annexure - C (Display Parameters) Annexure - D (Tamper Sheets)	We will provide as per TP C/N/W/S ODL data models from existing supplies, which are already integrated with their respective HES	This shall be ensured during Integration with the HES of TP Odisha Discoms.
37	General Queries	Component Sheet	Latest component sheet will be share at the time of GTP submission.	Component list shall be shared with approved GTP.
38	Annexure -A (Page 8)	Earthing bolt on meter box Unidirectional earthing bolt required on one side	Hex type earthing bolt will be provided.	Noted
39	ANNEXURE VI: Acceptance form for Participation in Reverse Auction Event	All the bidders who are found as technically qualified based on the tender requirements shall be eligible to participate in the reverse auction event BUT 10.0 Reverse Auctions Reverse Auction shall be as per the below approach: No of bidders allowed to participate in RA process shall be: Total No of bidders on whom tender would be split PLUS 2 more bidders	Please confirm how to evaluate for final qualified bidder for RA	As per Tender terms & conditions
40	9.0 GUARANTEE:	Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this 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 TP(C/N/S/W)ODL up to a period of at least 96 months from the date of commissioning or 102 months from the date of last supplies made under the contract whichever is earlier, but in 13.1 Special Conditions of Contract 4. Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this 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 TP(C/N/S/W)ODL up to a period of at least 60 months from the date of commissioning or 66 months from the date of last supplies made under the contract whichever is earlier,	Please confirm final Guarantee Period	Bidder shall stand guarantee towards design, materials, workmanship & quality of process / manufacturing of items under this 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 TP(C/N/S/W)ODL up to a period of at least 96 months from the date of commissioning or 102 months from the date of last supplies made under the contract whichever is earlier, Bidder shall be liable to undertake to replace/rectify such defects at its own costs, within mutually agreed time frame, and to the entire satisfaction of the Company, failing which the TP(C/N/S/W)ODL will be at liberty to get it replaced/rectified at bidder's risks and costs and recover all such expenses plus the Company's own charges (@ 20% of expenses incurred), from the bidder or from the " Security cum Performance Deposit" as the case may be. Bidder shall own responsibility for all internal component with an end to end agreement with individual component manufacturer.
41	12.0 TRAINING	Suitable training to be arranged for TP(C/N/S/W)ODL representatives, for operation and handling of every software and hardware regarding communication between meter & HHU/mobile app/BCS, meter & HES, without any cost implications towards TP(C/N/S/W)ODL.	Please elaborate Suitable training	Specification to be complied.
42	13.1 Special Conditions of Contract	7. Payment Terms: 100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days but TPCODL will make 100% payment within 30 days of submission of the Bill/Invoice complete(Page no 88),TPNODL will make 100% payment within 45 days of submission of the Bill/Invoice complete(Page no 132),TPSODL will make 100% payment within 30 days of submission of the Bill/Invoice complete(Page no 179),TPWODL will make 100% payment within 30 days of submission of the Bill/Invoice complete (Page no 226)		100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
43	14.0 LIQUIDATED DAMAGES	For delay of each week and part thereof from the delivery schedule specified in the contract, 1% of contract value corresponding to undelivered quantity, provided full quantity is supplied within 130% of the original contract time. If full contractual quantity is not delivered within 130% of contract time for delivery, TPCODL has the right to levy LD on the entire contract value, subject to a maximum of 10% of the total contract value.	Please elaborate provided full quantity is supplied within 130% of the original contract time	After delivery period specified in the Contract, for delay of each week and part thereof from the delivery schedule specified in the contract, 1% of contract value corresponding to undelivered quantity, provided full quantity is supplied within 130% of the original contract time. Clause remain same as per Tender Terms & Conditions.
44	Clause 4.23/Page No.32	Status of NIC (installed / discovered /normal) / Signal Strength	We understand the meter will display error codes against NIC status. Please clarify.	Error codes for NIC status to be provided as per specification.
45	Clause 4.3.3/Page No.-36	It shall be possible to reconfigure the meters for RTC, TOD slots reprogramming, DIP (Demand Integration period), billing date, Display parameters etc., Metering mode change/MD reset etc. through proper authentication process locally through MRI and remotely over the air (OTA). Meter data should remain intact with timings.	We request you please accept the mobile App for data downloading in place of CMRI.	Noted.
46	Clause 4.5.5/ Page No.-39	Current mismatch – Meter should logged current mismatch event as per thresholds in table no. 1. Priority of logging this event in memory of meter is higher than EL. Further, earth indication in LCD shall glow &log event as per its own logic irrespective of this logic.	We understand the meter will log earth and current mismatch tamper as per its own logic, Priority is not required. Please confirm.	Noted.
47	Clause 4.6 / Page No. 39	The meter shall record forward energy under any abnormal conditions as given in the Annexure-1, for all 38 tamper conditions, with above abnormal influencing signals.	Meter will record energy as per IS 16444 Part-1 in net metering mode, and forward energy only in import mode.	Specification to be complied. Meter will record energy as per IS 16444 Part-1 in net metering mode, and forward energy only in import mode.
48	Clause 4.6.2/ Page No. 39	All the tamper events mentioned in table no. 1, shall be logged in the memory of the meter with date and time stamp of occurrence (of abnormal event) and restoration (of normal supply) along with instantaneous electrical parameter (Voltage, Current (phase and neutral), energy (kWh &KVAh), PF ,. The event register compartment size shall be as per table no.1	We request you to please accpet the tamper snapshot logging as per data model (Annexure-B)	Specification to be complied.
49	Clause 5.2.6/ Page No.-45	The Size of the screw shall be 6mm dia.	For 5-30A meters, terminal screw diameter should be 4mm instead of 6mm. Please accept.	Noted
50	Clause 5.2.6/ Page No.-45	the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided.	Generally its preferred “-” head screws instead of Allen head screws at Tata Odisha with nickel-plated brass material. Please accept.	Specification to be complied.
51	Clause 5.6/ Page No.-47	The meter shall be capable of recording load profile of 35 days with 30 min integration period for kWh, kVAh, KW, kVA, Voltage, Phase and Neutral current, Metering Current, Power Factor, Temperature (°C) for ON days/time. Meter shall be capable of recording daily Energy and Demand 00:00 to 24:00 Hrs kWh and kW, kVAh and kVA in BCS for 35 days. Midnight energy value of cumulative kWh, KVAh along with Current (Rising Demand) KW and Current (Rising Demand) KVA along with daily consumption kWh should be available in meter memory for last 35 days.	Load survey data as per data model annexure-B, Please accept.	Specification to be complied
52	Clause 5.7.5/Page No.-49	AUTO SCROLL / PUSH BUTTON MODE WITH POST-PAID PAYMENT MODE:	We will provide display parameter as per Annexure-C. Please accept.	This shall be discussed during detailed engineering.
53	Annexure-B/Page No. 76	Connect/Disconnect- IDs-159/160	Event IDs 301 (Disconnect) and 302 (Connect) as per IS 15959. Please accept.	As per IS 15959 part 2
54	Annexure-B/Page No. 76	9. Metering Mode-167,(177=Forward, 178= Import/Export)	Event IDs 213 (Forward) and 214 (Import/Export) as per IS 15959. Please accept.	As per IS 15959 part 2
55	Annexure-D/Page No.-79		Reverse and Over Current tamper are not mentioned in Annexure-D. Please confirm if required	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
56	Annexure-D/Page No.-80	Neutral Disturbance- Occurrence-Voltage/signal/pulse/chopped signal injection	We request you to please accept current limit 10% for tamper occurrence.	Specification to be complied
57	Annexure-D/Page No.-80	Neutral Disturbance- Restoration-Frequency <52 Hz	Request amendment: Restoration limit to <53 Hz, as occurrence is >53 Hz.	Specification to be complied
58	Annexure-D/Page No.-81	Current >120% of I _{max} (8280Watt)	Meter will check overload threshold with respect to 8240 W. Please confirm.	Specification to be complied
59	Annexure-D/Page No.-81	< 100% of I _{max} (6900Watt)	Restoration by default at 6900 W; when programmed in watts, occurrence and restoration thresholds will be identical. Please clarify.	Specification to be complied
60	NIT clause >4.27> depth of terminal holes	22+1 mm	We request to please consider the depth of terminal holes minimum as 20 mm.	Noted
61	NIT clause >4.1 Utilization Categories	Utilization Category: UC2 or better	We request to please consider the Utilization category: UC1 or better	UC1 or better
62	NIT >clause > 5.2.6> size of terminals screw	Size of terminals screw: 6 mm	We request to kindly consider the size of terminals screw 5+1 mm	Noted
63	NIT > clause >5.1.7	Unidirectional screws with sealing arrangement through the screw (upside down) to be used on meter covers wherever required.	We request to kindly accept unidirectional screws from top cover to the base of the meter and we assure that functionality, operability of meter will remain as per requirements.	Upside down unidirectional screw (covered) is preferable so that unidirectional screw can not be opened with the help of any tool.
64	NIT > clause >5.8.2>3	Communication LCD indicator- We request to kindly also accept LCD icon	We request to kindly also accept LCD icon	Specification to be complied
65	NIT > clause >5.8.2>4	Load Switch LED indicator-The meter shall be provided with suitable LED indication for condition of load switch (Close / open). LED should show when load switch is open. (Red Colour LED)	We request to kindly also accept relay connect & disconnect icon on LCD display.	Specification to be complied
66	NIT > clause >7.2 Meter Box	Meter Box should have Unidirectional Earthing Bolt on one side.	The mentioned requirement for meter box earthing screws are needed/applicable only in metallic boxes only, we request you to kindly remove this clause.	Specification to be complied
67	NIT > clause >7.2 Meter Box	Compatibility of the box for housing the meter ensuring ease of connecting and the reading the meter. Meter box shall be of polycarbonate transparent type (Degree of protection-IP55) Cable entry to meter box should be from side and gland should be such aligned that cable should enter meter box in upward direction to ensure that in case of rain water does not enter meter box by flowing along the cable.	We request to kindly consider as per requirement of IS 14772:2020.	Specification to be complied
68	Please refer, Clause no. 5.2, 'Terminals, Terminal Block	Depth of the terminal holes shall be of 18 mm and more. Similarly in clause no. 4.27 "GENERAL TECHNICAL REQUIREMENTS" it is mentioned that Depth of the terminal holes 22mm+1.	Depth of the terminal holes $\geq$ 22mm from terminal block .	Noted
69	Please refer, Clause no.5.1, 'METER BODY'	Meter base shall be opaque with polycarbonate LEXAN 500R or equivalent (i.e chart of Lexan 500R compared with the alternative material) on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid) Similarly in, same clause it has been mentioned that Meter cover shall be transparent with polycarbonate LEXAN 143R/943A or equivalent on prior approval from the the TP(C/N/S/W)ODL.	Meter Base: Accept opaque LEXAN 143R/943A instead of LEXAN 500R. Glass field & Unfilled are not recommended for better ultrasonic/ Chemical welding. Meter Cover: Acceptable	Specification to be complied
70	Please refer, Clause no.5.1, 'METER BODY'	Unidirectional screws with sealing arrangement through the screw (upside down) to be used on meter covers where ever required.	We request you to kindly also accept the tightening of sealing screws from the front side and bottom portion of sealing screw shall be covered. Kindly confirm the acceptability of the same.	Upside down unidirectional screw (covered) is preferable so that unidirectional screw can not be opened with the help of any tool.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
71	Please refer, Clause no. 5.2, 'Terminals, Terminal Block	The material of which the terminal block is made shall be capable of passing the test given in ISO 75 for temperature of 180°C and pressure of 1.8 M Pa. (Clarifications issued dated 25.12.2019 (Sl. No. 12) Accepted as per CBIP 325).Tested as per ISO 75-2/A or ASTM D648.	We request you please accept the properties with its typical values for Meter of polycarbonate material - Heat Deflection Temp. –135° C As per material manufacturers of transparent polycarbonate the HDT value of polycarbonate varies from 135° C as per IS 13779.	Specification to be complied
72	Please refer, Clause no. 5.2.6, 'TERMINALS, TERMINAL BLOCK'	The Size of the screw shall be 6mm dia. The material and plating details of terminals screw shall be provided. MS screws shall not be accepted. To get the desired temperature rise & avoid hot spots the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided.	Kindly also accept M4 terminal screws of Nickel/Tinned plated brass and screw head star with (-) minus, which is technically suitable for 5-30A rating meter terminals.	Noted
73	Please refer, Clause no. 5.3, 'Terminal Cover	The terminal cover shall be short: 25 mm length from bottom of terminal block in line with meter base.	Kindly also accept the terminal cover with 28 mm length from bottom of terminal block in line with meter base.	Noted
74	Please refer, Clause no. 5.2, 'Terminals, Terminal Block	Depth of the terminal holes shall be of 18 mm and more. Similarly in clause no. 4.27 "GENERAL TECHNICAL REQUIREMENTS" it is mentioned that Depth of the terminal holes 22mm+1.	Depth of the terminal holes ≥ 22mm from terminal block .	Noted
75	Please refer, Clause no.5.1, 'METER BODY'	Meter base shall be opaque with polycarbonate LEXAN 500R or equivalent (i.e chart of Lexan 500R compared with the alternative material) on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid) Similarly in, same clause it has been mentioned thatMeter cover shall be transparent with polycarbonate LEXAN 143R/943A or equivalent on prior approval from the the TP(C/N/S/W)ODL.	Meter Base: Accept opaque LEXAN 143R/943A instead of LEXAN 500R. Glass field & Unfilled are not recommended for better ultrasonic/ Chemical welding. Meter Cover: Acceptable	Specification to be complied
76	Please refer, Clause no.5.1, 'METER BODY'	Unidirectional screws with sealing arrangement through the screw (upside down) to be used on meter covers where ever required.	We request you to kindly also accept the tightening of sealing screws from the front side and bottom portion of sealing screw shall be covered. Kindly confirm the acceptability of the same.	Specification to be complied
77	Please refer, Clause no. 5.2, 'Terminals, Terminal Block	The material of which the terminal block is made shall be capable of passing the test given in ISO 75 for temperature of 180°C and pressure of 1.8 M Pa. (Clarifications issued dated 25.12.2019 (Sl. No. 12) Accepted as per CBIP 325).Tested as per ISO 75-2/A or ASTM D648.	We request you please accept the properties with its typical values for Meter of polycarbonate material - Heat Deflection Temp. –135° C As per material manufacturers of transparent polycarbonate the HDT value of polycarbonate varies from 135° C as per IS 13779.	Specification to be complied
78	Please refer, Clause no. 5.2.6, 'TERMINALS, TERMINAL BLOCK'	The Size of the screw shall be 6mm dia. The material and plating details of terminals screw shall be provided. MS screws shall not be accepted. To get the desired temperature rise & avoid hot spots the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided.	Kindly also accept M4 terminal screws of Nickel/Tinned plated brass and screw head star with (-) minus, which is technically suitable for 5-30A rating meter terminals.	Noted
79	Please refer, Clause no. 5.3, 'Terminal Cover	The terminal cover shall be short: 25 mm length from bottom of terminal block in line with meter base.	Kindly also accept the terminal cover with 28 mm length from bottom of terminal block in line with meter base.	Noted

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
80	4.23/Page No. 32 of 321	Self-Diagnostic feature:- The meter shall have indications on meter display, for anomaly/ unsatisfactory / non- functioning of (i) Real Time Clock (ii) RTC battery (iii) Non Volatile Memory (iv) NIC Status of NIC (installed / discovered / normal) / Signal Strength	We will provide self-Diagnostic feature- 1-RTC Battery 2-Real Time Clock 3-NVM 4-NIC status	Noted. RTC, NVM , battery status should also available in BCS data
81	4.1/Page No. 34 of 321	DISCONNECTOR SWITCH:-Utilization Categories UC2 or better	As per IS 15884 UC1 applicable upto 100A so Kindly accept UC1 Relay	UC1 or better
82	4.3.3/Page No. 36 of 321	Communication capabilities and software feasibilities:- It shall be possible to reconfigure the meters for RTC, TOD slots reprogramming, DIP (Demand Integration period), billing date, display parameters etc. through proper authentication process locally through MRI and remotely over the air (OTA). Meter data should remain intact with timings	Kindly accept reconfiguration as per IS 15959 part 2. kindly delete the requirement of reconfiguration display parameters.	Specification to be complied
83	4.3.23/Page No. 38 of 321	Following parameters may be updated multiple times during life cycle of meters over the air: TOD Update Post Paid to Prepaid mode and vice versa Import mode to export Mode and vice versa. Accordingly Display parameters shall be updated remotely.	Kindly accept parameter updated multiple times during life cycle of meters over the air: TOD Update Post Paid to Prepaid mode and vice versa Import mode to export Mode and vice versa. Kindly delete the requirement Display parameters shall be updated remotely.	Specification to be complied
84	1/Page No. 29 of 321	Scope:-This specification covers the technical requirements of design, manufacturing, testing & integration with Network Integration Card (NIC) for communication over 4G for communication network provider	Kindly clarify Communication module network 4 G or 4G fallback 2G.Kindly confirm.	This specification covers the technical requirements of design, manufacturing, testing & integration with Network Integration Card (NIC) for communication over 4G for communication network provider
85	4.1 / 34 of 320	Disconnect Switch: No. of poles - Double Pole relay for phase & neutral	Request to accept Single pole double relay which will suffice the requirement	Noted
86	4.3.3 / 36 of 320	It shall be possible to reconfigure the meters for RTC, TOD slots reprogramming, DIP (Demand Integration period), billing date, Display parameters etc., Metering mode change/MD reset etc. through proper authentication process locally through MRI and remotely over the air (OTA). Meter data should remain intact with timings. And billing should be done whenever any above mentioned attribute is changed except RTC. If only Display is changed without making any other change in metering mode, no billing to be done. The change should be recorded as upgrade event. Bidder to provide any support on a later stage on the request of TP(C/N/S/W)ODL without any cost implication till the useful life of meter which is considered as 10 years from the date of supply. Training to TP(C/N/S/W)ODL staff on how to use it free of cost to be provided.	Kindly note that as per the programmable parameter list given in the specification display parameter configuration is not required, but here mentioned the display parameter configuration requirement. Kindly clarify the requirement.	Specification to be complied.
87	4.3.23 / 38 of 320	Following parameters may be updated multiple times during life cycle of meters over the air: TOD Update Post Paid to Prepaid mode and vice versa Import mode to export Mode and vice versa. Accordingly Display parameters shall be updated remotely. Billing shall be done. If only Display is changed without making any other change in metering mode, no billing to be done.		

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
88	4.4.4 / 39 of 320	4.4.4 Meter inside meter box should be immune to high / low frequency Jammer devices. Meter shall log the event in its memory as 'JAMMER' with date and time stamp, the threshold values as per table no. 1 in 4.6.	Meter will be immune to JAMMER, kindly accept	Specification to be complied
89	4.8 / 43 of 320	Battery: Varta / Tedirun / Vitzrocell / Sanyo /Panasonic/Texcell	Request to kindly accept 'EVE' as alternate make	Component list shall be shared with approved GTP.
90	5.8.3 / 56 of 320	Name plate and Marking: iv. Serial number (<u>Meter serial number shall be laser printed on name plate instead of sticker</u>). However the following shall be printed in bar code on the meter nameplate (<u>shall be laser printed on name plate instead of sticker</u>). All data shall be laser printed on meter along with Sr. NO and date of manufacturing. No sticker to be used to avoid loss of data in event of fire.	We propose to include indelible pad printing for the nameplate details as per our design, as an alternative to the specified method and ensures permanent, clear, and tamper-resistant markings.	Specification to be complied
91	5.8.3 / 56 of 320	Bidder should ensure that each NIC provided in meter is having laser printed Sr. No., MFGdate, 'Property of TP(C/N/S/W)ODL' marking, PO / RO no.& date (same as that of meter PO / RO)	Kindly accept the NIC details, duly affixed with the sticker and protected with the communication cover.	Specification to be complied
92	LOAD SURVEY (FOR PRE-PAID, POST-PAID & NET METER MODE):	Meter serial number and NIC serial number shall be recorded and communicated for all profiles of data.	Meter serial number and NIC serial number will be provided in only Name plate profile	Specification to be complied
93	Annexure - A - 6 (4)	Event flag once daily at 05:00am:- (Event Flag will generate when event occur so push flag once daily at 03:00am is not applicable.)	Event push will generate when occurred kindly accept	Noted
94	7.2 / 58 OF 320	METER BOX Meter Box should have Unidirectional Earthing Bolt on one side.	Kindly note that earth bolt requirement is not applicable for polycarbonate meter box. Request you to ammend.	Specification to be complied
95	4.1 / 34 of 320	Disconnecter Switch: No. of poles - Double Pole relay for phase & neutral	Request to accept Single pole double relay which will suffice the requiriement	Noted
96	4.3.3 / 36 of 320	It shall be possible to reconfigure the meters for RTC, TOD slots reprogramming, DIP (Demand Integration period), billing date, Display parameters etc., Metering mode change/MD reset etc. through proper authentication process locally through MRI and remotely over the air (OTA). Meter data should remain intact with timings. And billing should be done whenever any above mentioned attribute is changed except RTC. If only Display is changed without making any other change in metering mode, no billing to be done. The change shouldbe recorded as upgrade event. Bidder to provide any support on a later stage on the request of TP(C/N/S/W)ODL without anycost implication till the useful life of meter which is considered as 10 years from the date of supply. Training to TP(C/N/S/W)ODL staff on how to use it free of cost to be provided.	Kindly note that as per the programmable parameter list given in the specification display parameter configuration is not required, but here mentioned the display parameter configuration requirement. Kindly clarify the requirement.	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
97	4.3.23 / 38 of 320	Following parameters may be updated multiple times during life cycle of meters over the air: TOD Update Post Paid to Prepaid mode and vice versa Import mode to export Mode and vice versa. Accordingly Display parameters shall be updated remotely. Billing shall be done. If only Display is changed without making any other change in metering mode, no billing to be done.		
98	4.4.4 / 39 of 320	4.4.4 Meter inside meter box should be immune to high / low frequency Jammer devices. Meter shall log the event in its memory as 'JAMMER' with date and time stamp, the threshold values as per table no. 1 in 4.6.	Meter will be immune to JAMMER, kindly accept	Specification to be complied
99	4.8 / 43 of 320	Battery: Varta / Tedirun / Vitzrocell / Sanyo /Panasonic/Texcell	Request to kindly accept 'EVE' as alternate make	Component list shall be shared with approved GTP.
100	5.8.3 / 56 of 320	Name plate and Marking: iv. Serial number (<u>Meter serial number shall be laser printed on name plate instead of sticker</u>). However the following shall be printed in bar code on the meter nameplate (<u>shall be laser printed on name plate instead of sticker</u>). All data shall be laser printed on meter along with Sr. NO and date of manufacturing. No sticker to be used to avoid loss of data in event of fire.	We propose to include indelible pad printing for the nameplate details as per our design, as an alternative to the specified method and ensures permanent, clear, and tamper-resistant markings.	Specification to be complied
101	5.8.3 / 56 of 320	Bidder should ensure that each NIC provided in meter is having laser printed Sr. No., MFGdate, 'Property of TP(C/N/S/W)ODL' marking, PO / RO no.& date (same as that of meter PO / RO)	Kindly accept the NIC details, duly affixed with the sticker and protected with the communication cover.	Specification to be complied
102	LOAD SURVEY (FOR PRE-PAID, POST-PAID & NET METER MODE):	Meter serial number and NIC serial number shall be recorded and communicated for all profiles of data.	Meter serial number and NIC serial number will be provided in only Name plate profile	Specification to be complied
103	Annexure - A - 6 (4)	Event flag once daily at 05:00am:- (Event Flag will generate when event occur so push flag once daily at 03:00am is not applicable.)	Event push will generate when occurred kindly accept	Noted
104	7.2 / 58 OF 320	METER BOX Meter Box should have Unidirectional Earthing Bolt on one side.	Kindly note that earth bolt requirement is not applicable for polycarbonate meter box. Request you to ammend.	Specification to be complied
105	4.1 DISCONNECTOR SWITCH	Utilization Categories UC2 or better	In the offered meter the Relay used is in complinace with the UC2 Category, however the type test against the offered meter is with UC1 category, so the Name Plate printing will be with UC1.	UC1 or better
106	4.3 a) Communication capabilities and software feasibilities	4.3.4 Optical Communication port shall be available for communication. Communication ports shall not be affected by any type of injection / unauthenticated signals and having proper sealing arrangement.	Since the meters to be supplied with the meter enclosure, the optical port should be accessaible to collect the data without opening the meter enclosure, hence sealing arrangement at optical port is not provided, kindly revisit and provide the suitable ammendments against it.	Specification to be complied
107	4.4.2 Electrostatic Discharge (ESD)	Meter, inside meter box, shall be immune up to 50 kV and shall record accurate energy as per IS- 13779:1999 / CBIP-325. Meter shall log the event into memory as 'ESD' with date & time stamp for any ESD greater than 35 kV with snap shot the event logging threshold values as per table no. 1 in 4.6.	As the offered meter is immune to ESD, so the event logging against the same will not be available.	NOTED

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
108	b) IMMUNITY AGAINST EXTERNAL INFLUENCING SIGNALS (to be attained with meter box):	4.4.4 Meter inside meter box should be immune to high / low frequency Jammer devices. Meter shall log the event in its memory as 'JAMMER' with date and time stamp, the threshold values as per table no. 1 in 4.6.	The offered meter will be immune to the external abnormal interference, so event logging is not applicable, requesting you to kindly accept the same.	Specification to be complied
109	Component Function	Measurement / computing chips USA: Analog Devices, Cyrus Logic, Atmel, Phillips, Freescale semiconductor, Texas Instruments, ST Microelectronics South Africa: SAMES Japan: NEC	Measurement /Computing chips: Renesas (Japan) or equivalent make.	Component list shall be shared with approved GTP.
110	Component Function	Display modules Taiwan: Holtek Singapore: Bonafied Technologies Korea: Advantek China: Xiamen, Trullysemiconductor	Display Module will be Tianma (China)/ Yeboo (China) or equivalent make	Component list shall be shared with approved GTP.
111	5.1 METER BODY	5.1.1 Meter body shall be made of unbreakable, high grade, fire retardant reinforced Insulating material (protective Class II) with FVo Fire Retardant, self-extinguishing, UV stabilize, recyclable (first use) and Anti oxidation properties.	In the offered meter, the meter base, meter cover will be FV2 complied of the equivalent polycarbonate material, requesting you to kindly accept the same.	Specification to be complied
112	5.1 METER BODY	5.1.4 Meter cover shall be transparent with polycarbonate LEXAN 143R / 943A or equivalent on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid)	In the offered meter, the meter cover will be opaque in nature of the polycarbonate material of equivalent make, requesting you to kindly accept the same.	Noted
113	5.1 METER BODY	5.1.7 Unidirectional screws with sealing arrangement through the screw (upside down) to be used on meter covers where ever required.	In the offered meter, the meter base and cover are seamlessly chemically welded, so there is no requireemnt of Unidirectional screws, requesting you to accept the same.	Specification to be complied
114	5.1 METER BODY	5.1.9 Metallic plate at the back & 2 sides (Left and Right) of the Smart Meter to reduce electromagnetic interference and protect internal circuitry.	In the offered meter, the metallic sheild is available for right, left and front side. For back side 60%-75% area having metal sheilding through relay cap. For rest of the area, it is difficult to provide in current design, kindly accept the same.	Specification to be complied
115	5.2 TERMINALS, TERMINAL BLOCK	5.2.3 Terminal block and terminal cover shall be of a material which complies with the requirements of IS11731 (part 1) method FH1. The material of which the terminal block is made shall be capable of passing the test given in ISO 75 for temperature of 180°C and pressure of 1.8 M Pa. (Clarifications issued dated 25.12.2019 (Sl. No. 12) Accepted as per CBIP 325). Tested as per ISO 75-2/A or ASTM D648.	In the offered meter, the terminal cover will be FV2 complied and terminal block will be FV0 complied of the equivalent polycarbonate material, requesting you to kindly accept the same.	Specification to be complied
116	5.2 TERMINALS, TERMINAL BLOCK	5.2.6 The Size of the screw shall be 6mm dia. The material and plating details of terminals screw shall be provided. MS screws shall not be accepted. To get the desired temperature rise & avoid hot spots the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided.	In the offered meter the terminal screws will be Slotted head Brass screws, requesting you to kindly accept the same.	Noted . (Ni Plated Brass) (- minus /hex) type screw head shall be required.
117	7.2 METER BOX	Meter Box should have Unidirectional Earthing Bolt on one side.	As the offered meter box is of polycarbonate material, so there is no requirement of Earth bolt, requesting you to kindly accept the same.	Specification to be complied
118	Commercial Capability-2.0-6/320	The bidder should have Average Annual turnover of at least Rs.200 Cr. for last 3 Financial Year (FY). Qualification Requirement of Financial Turnover for MSME registered in the State of Odisha shall be reduced to 20% of the existing criteria	We respectfully submit that the Smart Metering business has seen significant growth and structured opportunities in India primarily over the last 1-2 Years, particularly under national initiatives such as Revamped Distribution Sector Scheme and the push for large-scale deployment of smart prepaid meters by various DISCOMs. We therefore request that the average annual turnover of 3 Years of FY 23-24, 24-25 & 25-26 (Upto 28/02/2026) be considered. Audited Balance sheet for FY 23-24, 24-25 & CA certificate for FY 2025-26 (upto 28/02/2026) may be accepted.	As per Tender Terms & Conditions
119	13.0- Special Conditions of Contract-16/320	BA shall submit GTP/ Drawing within 15 days from issuance of rate contract	Please consider the submit of GTP/Drawing at your good office within 30 Days from the issuance of RC. Please accept	As per Tender Terms & Conditions

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
120	Payments terms - 17/320	Payment Terms: 100% payment within 60 days of submission of error-free Invoice complete in all respects	You are requested to kindly accept 100% payment within 45 days of submission of invoice.	100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
121	ANNEXURE-Price Schedule19/320	Awarding Criteria for new bidders (whose meters are not integrated with DISCOM existing HES): Considering the business continuity & the requirement, the initial RC value for new BAs will be restricted to maximum number of 1 (one) Lakh (in total) for all Four DISCOM. HES Integration: The bidders whose meter are not integrated with DISCOMs' HES, they shall integrate their meter within 4 (four) months from issuance of Rate Contract.	Any New Bidder who undertakes to integrate its meters with 2 of your discoms in 1 Month and balance 2 discom in 2 months. No quantity restriction on such Business associates shall be applicable and they will be allowed for Reverse Auction. Please accept.	As per Tender Terms & Conditions
122	1.0 & 4.5.3/29 & 39	SCOPE: Single Phase Two Wire, 240 V (Complies with 230V) 5-30 A static smart energy meters of accuracy class 1.0 (here after referred as meters) complete with all accessories and meter box for efficient and trouble-free operation.The meter shall record energy proportional to the current and V Ref (230V) when any of the tamper circuits enclosed as per annexure1 are used to tamper energy using any type of diode or a variable resistance or a variable capacitance, energy saving device. Or any DC injection as per 4.5.2.	We will comply with Vref. 240 volts for all requirements.	Specification to be complied
123	4.27/32	Minimum Internal diameter of the terminal holes Depth of the terminal holes :- 5.5 mm (minimum)22 +1 mm	Depth of the terminal holes shall be 18 mm as per clause 5.2.11/Pg-45 from the surface of the terminal block.	Specification to be complied
124	4.37/33	Chemical Bonding:- Meter cover and body should be continuous seamless welded only through chemical bonding.	Meter cover and body should be continuous seamless welded through Ultrasonic welding/chemical bonding.	Specification to be complied
125	4.4.1 (c)/38	Abnormal Magnetic field is defined as below; - c) Permanent Magnet: Immune up to 0.5T and Event logging >0.5T.	The Meter will be either immune or run at Vref, I _{max} & UPF condition and also log the event in case not immune with the application of permanent magnet of 0.5T. Kindly accept the same.	Specification to be complied
126	4.4.2/38	Meter, inside meter box, shall be immune up to 50 kV and shall record accurate energy as per IS- 13779:1999 / CBIP-325. Meter shall log the event into memory as 'ESD' with date & time stamp for any ESD greater than 35 kV with snap shot the event logging threshold values as per table no. 1 in 4.6.	Our meter is immune in ESD. Kindly accept the same.	NOTED
127	4.4.4/39	Meter inside meter box should be immune to high / low frequency Jammer devices. Meter shall log the event in its memory as 'JAMMER' with date and time stamp, the threshold values as per table no. 1 in 4.6.	Our meter is immune in Jammer. Kindly accept the same.	Specification to be complied
128	4.6.3/39	Multiple occurrences of same event, with different time stamps should not be logged without restoration of first occurrence, except for the case of Top Cover Open. Meter should have break to open design and cover open tamper snapshot should be with Kwh and KVAh reading. Meter should have a permanent indication in its display as well as logging of tamper in case of removal of top cover, even in power off condition.	Kindly provide the clarity on cover open tamper because it is a non-roll over event as per IS 15959.	Specification to be complied
129	5.1.1/ 44	Meter body shall be made of unbreakable, high grade, fire retardant reinforced Insulating material (protective Class II) with FVo Fire Retardant, self-extinguishing, UV stabilize, recyclable (first use) and Anti oxidation properties	Meter body shall be made of unbreakable, high grade, fire retardant reinforced Insulating material (protective Class II) with FVo /FV2 Fire Retardant, self-extinguishing, UV stabilize, recyclable (first use) and Anti oxidation properties	Specification to be complied
130	5.1.3/44	Meter base shall be opaque with polycarbonate LEXAN 500R or better	Meter base shall be opaque polycarbonate with Fire Retardant, self-extinguishing, UV stabilize, recyclable (first use) and Anti oxidation properties	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
131	5.1.4/44	Meter cover shall be transparent with polycarbonate LEXAN 143R / 943A or equivalent on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid)	Meter cover shall be opaque with polycarbonate LEXAN 143R / 943A or equivalent on prior approval from the TP(C/N/S/W)ODL. (the bidders should submit material data sheet in technical bid)	Specification to be complied
132	5.1.5/44	Meter cover & base shall be provided with continuous and seamless chemical bonding such that it cannot be opened without breaking the enclosure. Chemical bonding of the	Meter cover & base shall be provided with continuous and seamless Ultrasonic welding/chemical bonding such that it cannot be opened without breaking the enclosure. Ultrasonic welding/Chemical bonding of the meter body to enhance mechanical strength and	Specification to be complied
133	5.1.7/44	Unidirectional screws with sealing arrangement through the screw (upside down) to be used on meter covers where ever required.	Unidirectional screws with sealing arrangement through the screw (Under T- Cover) to be used on meter cover.	Specification to be complied
134	5.1.9/44	Metallic plate at the back & 2 sides (Left and Right) of the Smart Meter to reduce electromagnetic interference and protect internal circuitry.	Metallic plate will provide in the Base back surface. However meter design will protect internal circuitry.	Specification to be complied
135	5.2.11/45	Depth of the terminal holes shall be of 18 mm and more.	Depth of the terminal holes shall be of 18 mm from the surface of the terminal.	Noted
136	5.2.6/45	The Size of the screw shall be 6mm dia. The material and plating details of terminals screw shall be provided. MS screws shall not be accepted. To get the desired temperature rise & avoid hot spots the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided.	The Size of the screw shall be M4 suitable to (05-30) Amp meter. The 5.5 mm terminal hole dia. is conflicting with 6 mm screw dia.	Noted
137	5.7/47	INSTANTANEOUS PARAMETERS: Terminal Block Temperature (° C)	We will provide meter compartment temperature.	Specification to be complied
138	5.8.2 / 55	3. Communication LCD indicator-Meter display shall have indication in context to NIC. The blinking should be slow when NIC is detected; blinking should be fast when NIC had searched the network and it should be stable when it is successfully latched to the HES.	LCD icon will be provided.	Specification to be complied
139	5.8.2 / 55	Output Device: 4. Load Switch LED indicator-The meter shall be provided with suitable LED indication for condition of load switch (Close / open). LED should show when load switch is open. (Red Colour LED)	Relay icon will be provided on LCD.	Specification to be complied
140	5.8.3/56	Meters shall have a name plate clearly visible and effectively secured against removal. The name plate data should be laser printed. The base color of Name plate shall be blue.	Meter cover will be laser marked with transparent window.	Specification to be complied
141	7.2/58	Cable entry to meter box should be from side and gland should be such aligned that cable should enter meter box in upward direction to ensure that in case of rain water does not enter meter box by flowing along the cable.	Cable entry to meter box should be from Bottom side and gland should be such aligned that cable should enter meter box in upward direction to ensure that in case of rain water does not enter meter box by flowing along the cable.	Specification to be complied. Direct access to meter terminal shall not be possible from outside of the box.
142	Clause 1.0, Page 29	 Design, manufacturing, testing & integration with Network Integration Card (NIC) for communication over 4G for communication network	Please confirm whether communication to be considered as 4G only.	Specification to be complied (4G)
143	Clause 4.03, Page 31	Meter will be tested after changing the tripping setting to 150% in a randomly selected meter on need basis	Please inform the Duration of I _{max} testing.	Meter will be tested after changing the relay tripping setting to 150% I _{max} in a randomly selected meter. The terminals and all connecting screws should capable of withstanding a current of 150% of I _{max} min for two hours, continuously.
144	Clause 4.23, Page 32	The meter shall have indications on meter display, for anomaly/ unsatisfactory / non-functioning of (iv) Status of NIC (installed / discovered /normal) / Signal Strength	NIC status is not part of self diagnostic feature.	Error codes for NIC status to be provided as per specification.
145	Clause 4.27, Page 32	Minimum Internal diameter of the terminal holes Depth of the terminal holes : 5.5 mm (minimum) 22 +1 mm	Kindly specify the exact requirement.	Specification to be complied
146	Clause 5.2.11, Page 45	Depth of the terminal holes shall be of 18 mm and more.		
147	Clause 4.29, Page 32	Display 6+1 digits LCD display (not for reading)	The phrase "not for reading" is not understood. Kindly clarify.	KWh - Six digits without decimal

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
148	Clause 4.30, Page 33 Clause 5.6, Page 47	Meters should push mid night data on daily basis which should include CKWh, CKVAh, MD KW(Current-Rising), MD KVA(Current-Rising),	Rising Demands are Integration Period based parameters and hence not applicable as part of Midnight data.	Specification to be complied
149	Clause 4.31, Page 34	BCS, mobile application with all the features including meter reading, connection/disconnection, firmware update, ToD update, etc will be required.	Firmware update is possible through HES, which is in HES provider's scope (not in Meter Manufacturer's scope).	Specification to be complied
150	Clause 4.33, Page 33	Meter should be able to provide required power supply to NIC provided by communication provider, if separately required, recommended / finalized by TP(C/N/S/W)ODL	Power supply to communication NIC is provided internally from the meter, hence no additional / separate power supply is required and not provided.	Specification to be complied
151	Clause 4.33, Page 33	 All the NICs should be same & compatible with all types of meters (single phase/PPWC/LTCT/HT) & should be hot swappable.	NICs are specific to the type of meter and are swappable with same meter type of same manufacturer. As, the requirement is for 1Ph meters only, NIC will be swappable for our make of 1Ph meters.	Specification to be complied
152	Clause 4.1, Page 34	The meter shall have the facility of disconnecting and re-connecting the load of the meter from the remote and by authenticated command through Laptop (BCS), HHU and mobile app	Disconnection & Re-connection is possible through Mobile App, but not through BCS & HHU. Kindly accept.	Speification to be complied
153	Clause 4.1, Page 34	No. of poles : Double pole relay for phase & neutral	Single Pole Relay for both Phase & Neutral will be provided.	Noted
154	Clause 4.1, Page 34	S.No. 6 : Utilization Categories - UC2 or better	UC2 is required for Current Range of more than 60A. For 5-30A rating, UC1 serves the purpose. Kindly accept the same.	UC1 or better
155	Clause 4.3.1, Page 36	The meter shall have facilities for data transfer locally through Meter Reading Instrument (MRI)/Mobile app/BCS (Using optical port) and remotely by 4G with proper security via Plug in type NIC. Data transfer locally through optical port via MRI is desired along with data transfer through NIC card.	Software for Smart Meter compatible MRI may be provided.	Specification to be complied
156	Clause 4.3.1, Page 36	The data downloaded in MRI / Hand Held Device shall be integrated to HES data base.	The data downloaded in MRI can be downloaded to BCS, it can't be integrated to HES database.	Specification to be complied
157	Clause 4.3.8, Page 36	Bidder shall provide the communication protocol /APIs for communication with meter through local (MRI) /Mobile app/BCS remote (AMI)	IS-16444 & IS-15959 will be followed. No separate communication protocol/API is applicable.	Specification to be complied
158	Clause 4.3.8, Page 36	The bidder should provide DLMS compliance as per conformance test tool for Communication with the meter at Optical port and at HES.	The DLMS compliance as per conformance test tool for Communication is through Optical port, conformance test through HES not applicable.	Specification to be complied. (Should pass in both HDLC, TCP mode)
159	Clause 4.3.13, Page 37	Bidder should come out with it requirements for integration of meter with HES and MDMS clearly during tender submission.	Integration with MDMS is in HES provider's scope, not in the scope of Meter Manufacturer.	Specification to be complied
160	Clause 4.4.1, Page 38	Magnetic Field: Meter shall record accurate energy in case of any external influencing signals in line with IS 13779:1999 Cl.11.2 and variation in limits of error (up to 100% I _{max}) shall be as per the table 17 of IS 13779.	Magnetic influence and immunity will be as per CBIP-325.	As per CBIP 325
161	Clause 4.4.2, Page 38	Meter shall log the event into memory as 'ESD' with date & time stamp for any ESD greater than 35 kV with snap shot	Immunity provided up to 35 KV, logging not provided.	Noted
162	Clause 4.4.4, Page 39	Meter shall log the event in its memory as 'JAMMER' with date and time stamp	Immunity provided against Jammer, logging not provided.	Specification to be complied
163	Clause 4.5.3, Page 39	The meter shall record energy proportional to the current and V Ref (230V) when any of the tamper circuits enclosed as per annexure1 are used to tamper energy using any type of diode or a variable resistance or a variable capacitance, energy saving device. Or any DC injection as per 4.5.2.	Kindly inform on Energy registration during both Neutral Disturbance condition and also in Neutral Missing condition.	Specification to be complied . Neutral Disturbance & Neutral Missing Condition - Specification to be complied. (recording on Vref)
164	Clause 4.5.3, Page 39	Defraud Metering is not required if all the connections are intact & supply voltage is low.		Specification to be complied
165	Clause 4.6.3, Page 39	Cover open tamper snapshot should be with Kwh and Kvah reading.	Cover open tamper is with Date & Time of Occurrence; Kwh and Kvah readings not provided. Kindly accept.	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
166	Clause 4.6.4, Page 40	Meter shall latch & store cumulative count of events logged / occurred / stored in memory of meter from the date of energization till life of meter.	Cumulative Tamper Count provided from the Date of Manufacturing.	Specification to be complied
167	Clause 4.6, Page 40	4.6 ABNORMAL AND TAMPER CONDITIONS TABLE NO.1	Understood that Tamper Logic table (Annexure-D) to be considered. Please confirm.	Annexure - D . However this shall be discussed during detailed engineering.
168	Annexure-D, Page 79	Tamper threshold table- Annexure-D		
169	Annexure-D, Page 79	Current Mismatch :- Occ. (In-Ip) $\geq$ 20% of Ib, Rest. In $>$ Ip (In-Ip) $<$ 20% of Ib Earth Leakage :- Occ. The difference between phase and neutral current $>$ 6.25% of Ib Rest. The difference between phase and neutral current $<$ 6.25% of Ib	For Earth Leakage Occurrence, (Ip-In) $>$ 6.25% of Ib and for Restoration, (Ip-In) $<$ 6.25% of Ib. Else, for every Current Mismatch event, Earth Leakage will also be reorded. Kindly amend.	Specification to be complied
170	Annexure-D, Page 81	Meter Top Cover Open (TC Open) - immediate - 05 (stay pu	We request you to accept Cover Open as No-Rollover type, i.e. single event only	Specification to be complied
171	Clause 5.1.9, Page 44	Metallic plate at the back & 2 sides (Left and Right) of the Smart Meter to reduce electromagnetic interference and protect internal circuitry.	Meter will be immune to all electromagnetic intergerence in compliance to the applicable Standards. Metallic Plate cannot be provided.	Specification to be complied
172	Clause 5.2.5, Page 45	The size, design & material of Bus-bar / Shunt / Terminal shall be with suitable cross sectional area, so that temperature rise at the terminal block will not be more than 35°C above ambient temperature of 45°C at 120% of Imax loading for 6 hours continuous. This test shall be repeated at CPRI / ERDA on any meter per every 25000 meters or whenever required, without any cost implications towards TP(C/N/S/W)ODL. It shall also be done on tender sample & on pre-manufacturing sample.	We request you to consider this as a part of Type Test. Else, against each RC of any of the TP Odisha DISCOMs, in 1 meter this Test can be conducted. Kindly accept. Also please confirm where this Teset will be conducted in the tender sample & on pre-manufacturing sample.	Specification tobe complied.
173	Clause 5.2.6, Page 45	Each terminal screw shall be Allen head screw & shall be operated with Allen key.	Minus (-) type Screw will be provided which can be operated by normal Screw Driver.	Noted . (Ni Plated Brass) (- minus /hex) type screw head shall be required.
174	Clause 5.3.5, Page 45	The terminal cover design should be such that the sealing screw locking provision on cover should have min dimension of 3mmx3mm. (Excluding seal lock hole)	Terminal Cover with Sealing Provision will be provided.	Specification to be complied
175	Clause 5.2, Page 46	5.4.3. One no polycarbonate seal shall be provided by the TP(C/N/S/W)ODL. This seal shall be fix on right hand side of meter. 5.4.6 For Plug in type NIC card, cover should have proper sealing arrangement and should be sealed with TP(C/N/S/W)ODL polycarbonate seal.	Please confirm whether for each meter, 2 nos. Seal will be provided by TP(C/N/S/W)ODL - one for Meter Body and one for NIC.	1no. Seal shall be provided by TPXODL for fixing on right hand side of meter. 2nos. Seal shall be provided manufacturer to be fixed on NIC & on left side of meter body. Other seal (paper) as per specification.
176	Clause 5.6, Page 47	Meter shall be delivered in thin prepaid non-ToD configuration, thereby, enabling both prepaid and post paid functionality. The other display and associated parameters shall be required when there is an need for upgradation to ToD or net mode on the meter.	Meter's memory registers will be with TOD by default. If TOD registers are programmed once, TOD Parameters wil be available in Display.	Specification to be complied
177	Clause 5.6, Page 47	The meter shall be capable of recording load profile of 35 days with 30 min integration period for kWh, kVAh, KW, kVA, Voltage, Phase and Neutral current, Metering Current,	Both Phase & Neutral Current will be provided. Metering Current is max. among these two, hence separately Metering Current will not be provided.	Specification to be complied
178	Clause 5.6, Page 47	The meter shall be capable of recording load profile of 35 days with 30 min integration period for Temperature (°C) for ON days/time.	Kindly provide Clarity on the requirement of Temperature logging as Load profile parameter.	Specification to be complied
179	Clause 5.7, Page 48	INSTANTANEOUS PARAMETERS: Terminal Block Temperature (° C)	Temperature (° C) will be measured in the Processor and not in the Terminal Block.	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
180	Clause 5.7.2, Page 48	6) Mode of operation of dis-connector switch	Please inform which information to be provided.	Specification to be complied
181	Clause 5.7.4, Page 49	Scroll lock option may be provided with the help of long press of push button & display shall automatically change to auto display after 5mins.	Scroll lock option not provided. Timeout will be provided to change the display automatically to auto display mode after 5 mins.	Specification to be complied
182	Clause 5.7.5, Page 49	AUTO SCROLL / PUSH BUTTON MODE WITH POST-PAID PAYMENT MODE	Please clarify which Display Parameter List to be considered.	The data table given is for reference. This shall be finalized during detailed engineering.
183	Annexure-C, Page 77	Single phase Common Display list for all combinations		
184	Clause 5.7.5, Page 49	Inst. Phase Power Inst. Neutral Power	Inst. Active Channel Power will be provided. Kindly accept.	Specification to be complied
185	Clause 5.7.5, Page 51 Clause 5.8, Page 53 Clause 5.8.1, Page 55	Bidder to provide software to convert meter to any mode over the air by sending command through HES.	Mode change can be achieved with the existing HES (after integration is completed). It will not be in Bidder's scope to provide Software for mode change 'over the air'. Kindly amend.	Specification to be complied.
186	Clause 5.8.2, Page 55	3. Communication LCD indicator-Meter display shall have indication in context to NIC.	Such symbol cannot be provided in Custom built display, however indication of Communication will be provided.	Specification to be complied
187	Clause 5.8.2, Page 55	5.Phase Indication – Power on indication shall be provided as icon on the LCD.	Phase indication is not applicable for 1ph meters.	Power on Indication to be provided as icon on LCD.
188	Clause 5.8.3, Page 56	However the following shall be printed in bar code on the meter nameplate. ... Content Format for QR code: SI No. XXXXXXXXXX only.	QR Code will be provided, hence Bar Code will not be required. Please confirm.	Noted.
189	Clause 7.1, Page 57	ACCEPTANCE TEST: 12) Error measurements with 38 abnormal condition as per annexure I along with magnet, ESD and microwave	Test against Microwave cannot be conducted and Immunity is also not guaranteed against Microwave. Request delete this requirement.	Noted
190	Clause 7.2, Page 58	Box : Degree of Protection - IP55	IP-54 will be complied. Please accept.	Noted
191	Clause 7.2, Page 58	Box : Cable entry to meter box should be from side and gland should be such aligned that cable should enter meter box in upward direction	Bottom Cable Entry arrangement can be provided. Kindly accept.	Specification to be complied. Direct access to meter terminal shall not be possible from outside of the box.
192	Clause 7.4, Page 59	PRE-DISPATCH INSPECTION: Bidder should check and ensure each meter and reset each meter for any event logged for any tamper.	Tamper Reset is not advisable and cannot be done in any tested / delivered meter.	Specification to be complied
193	Clause 9.0, Page 59	In the event any defect is found by the TP(C/N/S/W)ODL up to a period of at least 96 months from the date of commissioning or 102 months from the date of last supplies made under the contract whichever is earlier	Please accept the Guarantee clause as 60 months from the date of commissioning or 66 months from the date of last supplies made under the contract whichever is earlier.	Specification to be complied
194	Clause 10.0, Page 60	Individual meter should be packed in separate box.	Meter will be fixed inside the Polycarbonate Box. This assembled unit will be packed in the Carton as per our standard packing arrangement. Please accept.	Specification to be complied.
195	Clause 11.0, Page 60	SAMPLE: Tendering Stage: Bidders are required to manufacture 04 numbers of sample meters as per the TP(C/N/S/W)ODL specification (sealed, unsealed and openable base and cover to view/test the inner circuits)and submit the samples (non-returnable) along with bid for approval.....	Request allow submission of tender samples within 3 weeks from date of Bid submission, as the time is too short to prepare and submit the Sample meters within the Tender Due date.	As per Tender Terms & Conditions
196	Clause 16.0, Page 62	1. Bidder to be provide free of cost 02 nos. of jig for retrieving data from memory of meter with every new design of meter in which previous jig supplied cannot be used. Jig should be such that NVM can be push fit on this jig and data can be retrieve from this NVM.	Jig cannot be provided. For any possible data retrieval from defective/tampered meter, the meter needs to come back to our Factory.	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
197	Annexure-A, Page 66	a. Additional information list & Push data list 4) Event flag once daily at 05:00am	Event flag will be pushed once the Event occurs, hence Daily at 05:00 am is not applicable.	Noted
198	Annexure-B, Page 69	Billing Profile : 42 Cumulative MD KW Import/forwarded with date & time 43 Cumulative MD KVA Import/forwarded with date & time	These are Cumulative Parameters (value gets added whenever MD Reset takes place). Hence, Date & Time are not applicable for these Parameters.	Noted
199	Annexure-B, Page 71	Note-3: Block load profile parameters shall be field programmable by TP(C/N/S/W)ODL specific OBIS code. On changing capture object LS data will be reset	Load Profile IP can be changed, Parameters cannot be changed. Kindly amend.	Specification to be complied
200	GCC - Annex B, Page 109	PROFORMA FOR PERFORMANCE BANK GUARANTEE (CP cum EP) 8. Any claim / extension under the guarantee can be lodgeable at outstation banks or at Bhubaneswar branch and claim will also be payable at Bhubaneswar Branch (to be confirmed by Bhubaneswar Branch by a letter to that effect in case BG is from the branch outside Bhubaneswar).	We request you to kindly amend and remove the requirement of Payability of the BG in Bhubaneswar/local Branch, as any Claim sent by mail is accepted and honoured by the issuing Bank anywhere in the country. This Request is in view of difficulty we are facing in getting the BG's issued with local invocability.	As per Tender Terms & Conditions
201	GCC - 13.6, Page 189	Associates 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 Company.	We will be responsible for service during Guarantee period. Same shall not be extended beyond Guarantee period.	Specification to be complied
202	GCC - 13.7, Page 189	The Associate shall ensure availability of spares and necessary support for a period of atleast 10 years post completion of guarantee period of equipment supplied against the contract.	Meter is a product subject to improvement, spare and support availability beyond guaranteed period can't be guaranteed.	Specification to be complied
203	SCC - 13.1, Page 16	Payment Terms: 100% payment within 60 days of submission of error-free Invoice complete in all respects.	Understood Payment terms under SCC supercede payment terms of all 4 DISCOMs. Kindly confirm	100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
204	GCC - 6.0, Page 85	TPCODL will make 100% payment within 30 days of submission of the Bill/Invoice complete in all respects		100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
205	GCC - 6.0, Page 129	TPNODL will make 100% payment within 45 days of submission of the Bill/Invoice complete in all respects		100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
206	GCC - 6.0, Page 176	TPSODL will make 100% payment within 30 days of submission of the Bill/Invoice complete in all respects		100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
207	GCC - 6.0, Page 223	TPWODL will make 100% payment within 30 days of submission of the Bill/Invoice complete in all respects		100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
208	Clause No: 1 Page No : 29	SCOPE: This specification covers the technical requirements of design, manufacturing, testing & integration with Network Integration Card (NIC) for communication over 4G for communication network provider, at meter manufacturer's works, packing, forwarding, supply and unloading at store, of Single Phase Two Wire, 230V, 5-30 A static smart energy meters of accuracy class 1.0 (here after referred as meters) complete with all accessories and meter box for efficient and trouble free operation.	Please allow NBIoT cellular communication (fallback to GPRS) Communication module should be technology agnostic so inclusion of cost effective and dedicated IoT based communication technologies like NBIoT would help in optimizing overall cost of project as well and it will promote competition.	Specification to be complied.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
209	Clause No: 1 Page No : 29	SCOPE: This specification covers the technical requirements of design, manufacturing, testing & integration with Network Integration Card (NIC) for communication over 4G for communication network provider, at meter manufacturer's works, packing, forwarding, supply and unloading at store, of Single Phase Two Wire, 230V, 5-30 A static smart energy meters of accuracy class 1.0 (here after referred as meters) complete with all accessories and meter box for efficient and trouble free operation.	Kindly accept meter with 240 V , 5-60A rating. Providing a wide range current for all the load category coming under 1P consumer category	Specification to be complied. For 5-60A ;type test report to be submitted.
210	Clause No: 1 Page No : 29	There exists separate and distinct HES in 4 Utilities of Odisha. The successful Bidder has to integrate in all 4 pre-existing HES at individual Utilities. The Data table & OBIS codes & Discom Specific codes shall be shared during detailed engineering & integration validation.	We will provide interface document and support to TPCODL for integration. However responsibility of integration lies with HES provider.	Specifcation to be complied
211	Clause No: 4.03 Page No : 31	Basic Current (Ib)& rated Maximum current (Imax) : Ib=5A; Imax=30A (Meter will be tested after changing the tripping setting to 150% in a randomly selected meter on need basis)	Meter have wide current range of 5-60A and it can continuously carry 100% of Imax, meeting the accuracy requirements. It will suffice the purpose. Kindly accept the same.	Specification to be complied. For 5-60A ;type test report to be submitted.
212	Clause No: 4.23 Page No : 31	The meter shall have indications on meter display, for anomaly/ unsatisfactory / non-functioning of (i) Real Time Clock (ii) RTC battery (iii) Non Volatile Memory (iv) NIC Status of NIC (installed / discovered /normal) / Signal Strength	For Status of NIC : There is a 'WAN' symbol on the meter display. This flashes continuously to indicate that your meter is remotely connected. When this symbol flashes fast, it indicates that data transfer is happening between the meter and the utility backend system. Alternative provision may also be acceptable.	Specification to be complied
213	Clause No: 4.25 Page No : 32	Alternate mode of supply to the meters In case of power failure, reading / data should be retrieved with the help of battery or other power source.	In online smart connected meter, we can read meter at any point of time through backend so local reading in power off condition is not supported. Please accept the same.	Specification to be complied
214	Clause No: 4.30 Page No : 32	Security feature: Following parameters shall be updated multiple times during life cycle of meters over the air : Accordingly Display parameters shall be updated	Display parameters will be factory configured only. Please accept the same.	Specification to be complied
215	Clause No: 4.31 Page No : 33	4.31 Software and communication compatibility The bidder shall supply software required for local HHU & Remote (AMI) connectivity including required training to use the software free of cost as required by utility or HES / Communication service provider.	We are offering mobile app for local reading through BLE. Kindly accept the same.	Specification to be complied
216	Clause No: 4.1 Page No : 35	6 Utilization Categories UC2 or better	Kindly accept UC1 rating	Noted. UC1 or better
217	Clause No: 4.2.2.10 Page No : 35	4.2.2.10 This NIC should be online field replaceable.	Plug in module can be integral part of meter so in case of any defect in comms module, we will replace the whole meter within warranty period. Kindly accept the same.	Specification to be complied
218	Clause No: 4.3.19 Page No : 37	Meter display should have provision for showing error code: Error Details Error ID All Good Err 00 Meter NIC communication failure Err 01 NIC initialization failure Err 02 SIM not detected Err 03 SIM invalid Err 04 No GPRS Network coverage Err 05 GPRS Network registration failure Err 06 GPRS registration denied Err 07 APN not configured Err 08 GPRS connection not established Err 09 HES IP/Port not configured Err 10 HES port not open Err 11	Meter have dedicated display icon for indication of NAN and WAN communication. Kindly accept the same.	Specification to be complied

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
219	4.4.2 Electrostatic Discharge (ESD)	Meter, inside meter box, shall be immune up to 50 kV and shall record accurate energy as per IS- 13779:1999 / CBIP-325. Meter shall log the event into memory as 'ESD' with date & time stamp for any ESD greater than 35 kV with snap shot the event logging threshold values as per table no. 1 in 4.6.	Meter is immune to 35kV ESD. However event logging is not provisioned. Kindly accept the same.	Specification to be complied
220	Clause No: 4.5.5 Page No : 39	4.5.5 Current mismatch – Meter should logged current mismatch event as per thresholds in table no. 1. Priority of logging this event in memory of meter is higher than EL. Further, earth indication in LCD shall glow & log event as per its own logic irrespective of this logic.	Meter have provision to log Earth event however current mismatch event is not supported. Kindly accept the same.	Specification to be complied
221	4.6 ABNORMAL AND TAMPER CONDITIONS: Page No : 40	The meter shall record forward energy under any abnormal conditions as given in the Annexure- I, for all 38 tamper conditions, with above abnormal influencing signals.	Meter will disconnect the supply in case of single wire connection.	Specification to be complied
222	4.6 ABNORMAL AND TAMPER CONDITIONS: Page No : 40	4.6.5 For all tamper events the time stamp and snapshot parameters shall be recorded at the start time of event for occurrence (T1) and for restoration the time stamp and snapshot parameters shall be recorded at the end time of the event (T3).	Snapshot will be captured after P time of occurrence and restoration.	Specification to be complied
223	TABLE NO.1 Page No : 40	Persistence Time of Occurrences : ESD / JAMMER = immediate (record only 1 event on first application & only one event for next 1min) Persistence Time for Restoration : ESD / JAMMER = 0 Hr 01 Min 0 sec (ESD) (should restore after 1 min. of last application)	Against any external interference devices offered meter will complies as per IS 16444 & CBIP 325. “ Meter will be immune to 35kV ESD and high/low frequency. However event logging is not provisioned.	Specification to be complied
224	TABLE NO.1 Page No : 40	Persistence Time of Occurrences : Magnet = 0 Hr2 Min 0 sec Persistence Time for Restoration : Magnet = 0 Hr 2 Min 0 sec	Magnet P time for occurrence & restoration shall be 20-30 secs approx. to avoid tampering through any timer based tampering methods. Kindly accept the same.	Specification to be complied
225	TABLE NO.1 Page No : 40	Persistence Time of Occurrences : Neutral Disturbance = 0 Hr 01 Min 0 sec (ND) Persistence Time for Restoration : Neutral Disturbance = 0 Hr 02 Min 0 sec (ND)	ND P time for occurrence & restoration shall be 30 secs approx. to avoid tampering through any timer based tampering methods. Kindly accept the same.	Specification to be complied
226	TABLE NO.1 Page No : 40	Low Voltage Occurrences : Voltage < 70%of Vref ANDcurrent >2% Ib Restoration :Voltage > 80% ofVref AND current > 2% Ib	Occurrences : Voltage < 70%of Vref Restoration :Voltage > 80% ofVref	Specification to be complied
227	TABLE NO.1 Page No : 41	Temperature Rise	Meter have facility to log temperature in load survey however event is not available. Kindly accept the same.	Specification to be complied
228	Clause No: 5.1.1 Page No : 44	5.1.1 Meter body shall be made of unbreakable, high grade, fire retardant reinforced Insulating material (protective Class II) with FVo Fire Retardant, self-extinguishing, UV stabilize, recyclable (first use) and Anti oxidation properties.	meter case will be FV2 however terminal block will be FV0 Fire Retardant.	Specification to be complied
229	Clause No: 5.1.4 Page No : 44	5.1.4 Meter cover shall be transparent with polycarbonate LEXAN 143R / 943A or equivalent on prior approval from the TP(C/N/S/W)ODL.	Meter cover will be opaque. Kindly accept the same. Kindly accept the same.	Noted
230	Clause No: 5.2.5 Page No : 45	The terminals and connections shall be suitable to carry up to 120 % of I _{max} continuously.	Meter have wide current range of 5-60A and it can continuously carry 100% of I _{max} , meeting the accuracy requirements. It will suffice the purpose. Kindly accept the same.	Noted. Type test report to be submitted.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
231	Clause No: 5.2.6 Page No : 45	5.2.6 The Size of the screw shall be 6mm dia. The material and plating details of terminals screw shall be provided. MS screws shall not be accepted. To get the desired temperature rise & avoid hot spots the design of the each terminal screw shall be Allen head screw & shall be operated with Allen key. Nickle plated brass screws to be provided.	Meter have brass terminals with MS screw (Cheese head (-) minus type). Kindly accept the same.	Noted . (Ni Plated Brass) (- minus /hex) type screw head shall be required.
232	5.3.3 TERMINAL COVER	5.3.3 The terminal cover shall be short: 25 mm length from bottom of terminal block in line with meter base.	Terminal cover will be extended type(Long). Kindly accept the same.	Specification to be complied
233	Clause No: 5.7 Page No : 47	INSTANTANEOUS PARAMETERS: Meter serial number and NIC serial number shall be recorded and communicated for all profiles of data. Billing date dd:mm:yy Terminal Block Temperature (° C) No. of disconnect operation (Open) 00000 No. of disconnect operation (Close) 00000	Meter serial no will be recorded and communicated for all profiles of data. As NIC serial no is same as meter serial no with prefix 'H'. Following parameters are not available: Billing date dd:mm:yy Terminal Block Temperature (° C) No. of disconnect operation (Open) 00000 No. of disconnect operation (Close) 00000	Specification to be complied
234	Clause No: 5.7.4 Page No : 48	The kWh register shall have minimum 6 digits(without decimal) LCD display and size of the digits shall be minimum 10mmx5mm. Cumulative energy (kWh) shall be displayed without decimal in auto scroll mode.(However decimal shall be available in push button mode for high resolution display for testing).	Size of digits shall be 8.5mmx3.4mm Scroll lock facility is not available. Kindly accept the same.	Specification to be complied
235	Clause No: 5.7.5 Page No : 47	AUTO SCROLL / PUSH BUTTON MODE WITH POST-PAID PAYMENT MODE: Meter Sr. No. (The nine digit Serial no. to be displayed with sequence 3 + 6 /2+7digits at a time, completer no. in single shot is preferred)	8 digit serial no. can be displayed in single shot. However in case of 10 digit serial no. will be displayed in successive display.	Specification to be complied
236	Clause No: 5.7.5 Page No : 47	AUTO SCROLL / PUSH BUTTON MODE WITH POST-PAID PAYMENT MODE: TAMPER*/OK Inst. Neutral Power Magnetic Tamper count Latest Magnetic tamper occurrence date Latest Magnetic tamper occurrence Time ESD Tamper count Latest ESD tamper occurrence date Latest ESD tamper occurrence time TC Open tamper count TC Open occurrence date of very first event TC open occurrence time of very first event Count of Connect Date & Time of Last Occurrence Count of disconnect: Date & Time of Last Occurrence	Following displays are not available: Inst. Neutral Power TAMPER*/OK Inst. Neutral Power Magnetic Tamper count Latest Magnetic tamper occurrence date Latest Magnetic tamper occurrence Time ESD Tamper count Latest ESD tamper occurrence date Latest ESD tamper occurrence time TC Open tamper count TC Open occurrence date of very first event TC open occurrence time of very first event Switch connect Date & Time of Last Occurrence Switch disconnect Date & Time of Last Occurrence Tamper status will be displayed as per below displays: Present Voltage Related Tamper Present Current Related Tamper Present Other Tamper Cumulative Voltage Related Tamper Cumulative Current Related Tamper Cumulative Other Tamper Cumulative Tamper Count Kindly accept the same.	Specification to be complied.

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
237	Clause No: 5.8.3 Page No : 56	NAME PLATE AND MARKING xx. Communication Tech for WAN and NAN(with carrier frequency) Content Format for QR code: SI No. XXXXXXXXXX only (Serial no.) Bidder should ensure that each NIC provided in meter is having laser printed Sr. No., MFGdate, 'Property of TP(C/N/S/W)ODL' marking, PO / RO no.& date (same as that of meter PO / RO)	Communication Tech for WAN and NAN(with carrier frequency) will be printed on NIC. Meter have Barcode for meter no. NIC provided in meter is having laser printed Sr. No. remaining information is available on meter case.	Specification to be complied.
238	Clause No: 7.2 Page No : 58	Meter box shall be of polycarbonate transparent type (Degree of protection-IP55)	Degree of protection-IP54 Kindly accept the same.	Noted
239	Clause No: 7.2 Page No : 58	Meter Box should have push button compatible with meters push button.	Meter box have small window to access keypads of meter. Kindly accept the same.	Specification to be complied.
240	Clause No: 7.2 Page No : 58	Meter Box should have Unidirectional Earthing Bolt on one side.	Earthing Bolt provision is not available.	Specification to be complied.
241	Clause No: 7.2 Page No : 58	Box should have optical port grove in line with meter optical port slot. There should be locking provision available for meter optical cord. The arrangement should be such that meter can be read through optical cord without opening the meters box.	Meter can be read though BLE without opening of meter box. Kindly accept the same.	Specification to be complied.
242	Clause No: 7.4 Page No : 58	TYPE TESTS CERTIFICATES: All the tests shall be conducted at CPRI / ERDA /UL laboratory or international acclaimed lab or equivalent will also suffice at the discretion of TP(C/N/S/W)ODL.	Type test certificate form any NABL accredited LAB may also be acceptable.	Specification to be complied.
243	Clause No: 16 Page No : 58	SPARES, ACCESSORIES & TOOLS: 1. Bidder to be provide free of cost 02 nos. of jig for retrieving data from memory of meter with every new design of meter in which previous jig supplied cannot be used. Jig should be such that NVM can be push fit on this jig and data can be retrieve from this NVM. 2. Optical cable to USB/C type is required (5nos. for 1000 Meter)	1. Data retrieval can be done at our works however jig is not provisioned. 2. Meter have BLE communication hence cable will not be provided.	Specification to be complied.
244	Clause No: 7.4 Page No : 58	Annexure-A Additional information list: - 1. TP(C/N/S/W)ODL specific OBIS code for self-diagnostic-1.0.96.5.1.255 IC-1	OBIS code shall be as per DLMS and manufacturer specific.	Specification to be complied. The OBIS codes shall be shared by all Discoms during detailed engineering.
245	Financial Pre-Qualification Requirements	Several RDSS & Other tenders across utilities have adopted balanced eligibility criteria considering: •Prior supply of static energy meters •Smart Meter supply (reasonable threshold) with manufacturing facilities	“The bidder should have manufactured and supplied minimum 20 lac Static Energy Meters to Indian utilities. The bidder must have an established Smart Meter manufacturing facility with adequate annual production capacity and should have supplied a minimum of 20,000 (Twenty Thousand) Smart Meters in the last five (5) years as on the original bid submission date.” Or “The bidder should have manufactured & supplied 2.0 Lakh (2,00,000) numbers of Smart Meters in the last 5 years as on the original bid submission date.” This modification will enhance competitive participation, ensure better commercial outcomes.	100% payment within 60 days of submission of error-free Invoice complete in all respects. However, for MSME the payment cycle shall be 45 days. (As per MSME Norms). Please refer attached revised GCC
246	Clause No. 5.1.1 First Part: EMD & Clause No. 5.1.2 Second Part: Techno-Commercial Bid	Note: EMD is preferred in form of Bank Guarantee and to be delivered at the mentioned address • The technical bid shall be submitted through CCG / TPCODL E-tender System (Ariba) only. Hard Copy of Technical Bids need not be submitted unless specifically asked for.	Kindly confirm our understanding that only the Bank Guarantee (BG) is required to be submitted in hard copy, and all other documents are to be submitted online through the ARIBA portal only.	BG Hard Copy & Sample Meter

Sr. No.	Detailed Reference to NIT. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	Tata Power Response
247	Clause No. 11.0 SAMPLE of Technical Specifications	Bidders are required to manufacture 04 numbers of sample meters as per the TP(C/N/S/W) ODL specification (sealed, unsealed and openable base and cover to view/test the inner circuits) and submit the samples (non returnable) along with bid for approval. The tender sample as per IS 13779 & IS 15959 shall be acceptable for verification and other checks. Bidder to demonstrate all communication features during sample testing.	We request you to kindly accept the samples as per our standard design, which substantially complies with the technical specifications, and to conduct testing accordingly. We assure you that, upon placement of order and prior to commencement of supplies, we shall fully comply with each clause of the technical specification. Further, we seek confirmation of our understanding that bidders are required to submit four (4) samples of meter along with Box including DLMS keys only. We also understand that any additional arrangements required for testing and demonstration—such as SIM cards, Optical Cable, HES, BCS, etc.—shall be arranged by Tata Power Odisha DISCOMs for the purpose of testing and demonstration. The bidder shall extend full cooperation and technical support during testing and demonstration upon receipt of intimation during the technical evaluation stage.	Sample testing will be carried out at our MTL Lab as per the tender requirements. For technical qualification, the bidder's sample meter must successfully pass the tests.
248			1. MSME / Consortium Participation & Financial Eligibility We qualify as an MSME and we request that we be permitted to participate under applicable MSME norms. In case any financial eligibility criteria require strengthening, we request approval to participate through a consortium arrangement. o Along with our consortium partner, we can demonstrate a combined turnover in the range of ₹20–30 Crores o Provide the required Performance Bank Guarantees and other financial securities without any constraint. o Our consortium partner has Odisha MSME We are also willing to submit a formal undertaking to complete MSME registration under the State of Odisha within the stipulated timeline, if required.	Applicable terms & conditions as per NIT
249			2. Allocation for New and Emerging Players In several DISCOM tenders across India and also as per the RDSS SBD document it is a progressive practice to allocate approximately 15–25% of quantities to capable new entrants to promote competition, innovation, and supply diversification. We respectfully request that similar consideration may be extended in this tender as well.	Applicable terms & conditions as per NIT
251		“The bidder should have achieved a turnover of ₹200 Crore in any one Financial Year during the last three Financial Years (including the Current Financial Year), supported by a CA Certificate	We have successfully secured projects aggregating approximately ₹8,500 Crore across Uttar Pradesh, West Bengal, and Manipur. Additionally, our recently awarded RDSS projects in Uttar Pradesh have successfully achieved Go-Live status. As a result of these achievements and ongoing implementations, we anticipate a steady and substantial increase in our turnover during the current Financial Year. It is pertinent to note that this concern is not unique to us but is a common challenge faced by AMISPs operating under large-scale RDSS projects, where revenue realization aligns with phased project milestones. We are currently serving as an established smart meter manufacturer with an available capital investment of approximately ₹1,300 Crore. Given the above credentials and demonstrated financial strength, we submit that the present Qualification Criteria clause may unintentionally restrict participation from otherwise eligible and competent vendors. Revising the clause as proposed would promote broader competition, enhance transparency, and potentially lead to more competitive and cost-effective outcomes for the Authority. We sincerely request your kind consideration of this proposal and look forward to a favorable amendment of the clause.	As per Tender Terms & Conditions

TPCØDL TPSØDL	TPNØDL TPWØDL	TP ODISHA DISTRIBUTION LIMITED	
		WORK INSTRUCTION /OPERATING GUIDELINES	
Doc. Title		GENERAL CONDITIONS OF CONTRACT –SUPPLY ORDERS	
Rev. No.		0	Page 1 of 50
Prepared By: - Rajib Bhattacharya		Reviewed By: - Vipin Chouhan	Approved by: - Pourush Garg

CONTENTS	
CLAUSE NO.	DESCRIPTION
1.0	ORGANIZATIONAL VALUES
2.0	ETHICS
3.0	CONTRACT PARAMETERS
3.1	Issue/Award of Contract
3.2	Contract Commencement Date
3.3	Contract Completion Date
3.4	Contract Period/ Time
3.5	Contract Execution Completion Date
3.6	Contract Price /Value & Anti Profiteering
3.7	Contract Document
3.8	Contract Language
3.9	Reverse Auction
4.0	SCOPE OF WORK
5.0	PRICES/RATES/TAXES
5.1	Changes in statutory Tax Structure
6.0	TERMS OF PAYMENT
6.1	Quantity Variation
6.2	Full and Final Payment
7.0	MODE OF PAYMENT
8.0	SECURITY CUM PERFORMANCE DEPOSIT
9.0	STATUTORY COMPLIANCE
9.1	Compliance to Various Acts
9.2	SA 8000
9.3	Affirmative Action
10.0	QUALITY
10.1	Knowledge of Requirements
10.2	Material/Equipment/Works Quality
10.3	Adherence to Rules & Regulations
10.4	Specifications and Standards
11.0	INSPECTION/PARTICIPATION
11.1	Right to Carry Out Inspection
11.2	Facilitating Inspection
11.3	Third Party Nomination
11.4	Waiver of Inspections
11.5	Incorrect Inspection Call

CONTENTS	
CLAUSE NO.	DESCRIPTION
12.0	MDCC & DELIVERY OF MATERIALS
12.1	Material Dispatch Clearance Certificate
12.2	Right to Rejection on Receipt
12.3	Consignee
12.4	Submission of Mandatory Documents on Delivery
12.5	Dispatch and Delivery Instructions
13.0	GUARANTEE
13.1	Guarantee of Performance
13.2	Guarantee period
13.3	Failure in Guarantee period (GP)
13.4	Cost of repairs on failure in GP
13.5	Guarantee Period for Goods Outsourced
13.6	Latent Defect
13.7	Support beyond the Guarantee Period
14.0	LIQUIDATED DAMAGES
14.1	LD Waiver Request
15.0	UNLAWFUL ACTIVITIES
16.0	CONFIDENTIALITY
16.1	Documents
16.2	Geographical Data
16.3	Associate's Processes
16.4	Exclusions
16.5	Violation
17.0	INTELLECTUAL PROPERTY RIGHTS
18.0	INDEMNITY
19.0	LIABILITY & LIMITATIONS
19.1	Liability
19.2	Limitation of Liability
20.0	FORCE MAJEURE
21.0	SUSPENSION OF CONTRACT
21.1	Suspension for Convenience
21.2	Suspension for Breach of Contract Conditions
21.3	Compensation in lieu of Suspension
22.0	TERMINATION OF CONTRACT
22.1	Termination for Default/Breach of Contract
22.2	Termination for Convenience of Associate
22.3	Termination for Convenience of TPCODL

CONTENTS	
CLAUSE NO.	DESCRIPTION
23.0	DISPUTE RESOLUTION AND ARBITRATION
23.1	Governing Laws and jurisdiction
24.0	ATTRIBUTES OF GCC
24.1	Cancellation
24.2	Severability
24.3	Order of Priority
25.0	ERRORS AND OMISSIONS
26.0	TRANSFER OF TITLES
27.0	INSURANCE
28.0	SUGGESTIONS & FEEDBACK
29.0	CONTACT POINTS
30.0	LIST OF ANNEXURES

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 4 of 51

1.0 ORGANIZATIONAL VALUES

The TP Odisha Discoms (TPCODL/TPNODL/ TPSODL/TPWODL) has always been a value driven organization. These values continue to direct the Group's growth and businesses. The six core Tata Values underpinning the way we do business are:

Integrity - We must conduct our business fairly, with honesty and transparency. Everything we do must stand the test of public scrutiny.

Understanding - We must be caring, respectful, compassionate and humanitarian towards our colleagues and customers around the world and always work for the benefit of India.

Excellence - We must constantly strive to achieve the highest possible standards in our day to day work and in the quality of goods and services we provide.

Unity - We must work cohesively with our colleagues across the group and with our customers and partners around the world to build strong relationships based on tolerance, understanding and mutual co-operation.

Responsibility - We must continue to be responsible and sensitive to the countries, communities and environments in which we work, always ensuring that what comes from the people goes back to the people many times over.

Agility - We must work in a speedy and responsive manner and be proactive and innovative in our approach.

2.0 Ethics

In our effort towards Excellence and in Management of Business Ethics at TPCODL, an Ethics Management Team is constituted.

The main objective of the Ethics Management Team is to:

1. Record, address and allay the issues and concerns on ethics raised by different stakeholders like employees, consumers, vendors, Associates etc. by initiating immediate corrective actions.
2. Ensure proper communication of the ethics policies and guidelines through prominent displays at all offices of TPCODL and through printed declarations in all concerned documents where external stakeholders are involved.
3. Ensure proper framework of policies as preventive measures against any ethics violation recorded by them.
4. Prepare and submit MIS of all issues and concerns, corrective and preventive actions on monthly basis to the top management for their information.

All Associates and Stakeholders are requested to register any grievance on ethics violation on respective discom's website.

The Business Associate and TP Odisha Discom shall be bound by the provisions/ clauses mentioned in Tata Code of Conduct (TCoC) in all their dealings with stakeholders. The Associate is advised to go through the TCoC document available as Annexure-J.

2.1 The below practices would be liable for punitive actions such as cancellation of contracts, banning and blacklisting of bidders

2.1.1 **Anti-competitive practice**": any collusion, bid rigging or anti-competitive arrangement, or any other practice coming under the purview of The Competition Act, 2002, between two or more bidders, with or without the knowledge of the procuring entity, that may impair the transparency, fairness and the progress of the procurement process or to establish bid prices at artificial, non-competitive levels.

2.1.2 **Conflict of interest**": participation by a bidding firm or any of its affiliates that are either

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 5 of 51

involved in the consultancy contract to which this procurement is linked; or if they are part of more than one bid in the procurement; or if the bidding firm or their personnel have relationships or financial or business transactions with any official of procuring entity who are directly or indirectly related to tender or execution process of contract; or improper use of information obtained by the (prospective) bidder from the procuring entity with an intent to gain unfair advantage in the procurement process or for personal gain

CONTRACT PARAMETERS

3.0 Issue/Award of Contract

TPCODL awards the contract to the Associate in writing in the form of Purchase Order (PO) or Rate Contract (RC), hereafter referred as Contract, through in any or all of following modes physical handover / post / e-mail / web document / fax with all the attachments/enclosures which shall be part of the contract document.

On receipt of the contract, the associate shall return to TPCODL copy of the contract document duly signed by legally authorized representative of associate, within two days of Effective Date of Contract for contracts having contract execution time less than 30 days and within five days for all other contracts.

3.1 Contract Commencement Date

The date of issue/award of contract shall be the Effective Date of Contract or Contract Commencement date.

3.2 Contract Completion Date

The date of expiry of Guarantee Period shall be deemed as the Contract Completion Date.

3.3 Contract Period/Time

The period from Contract Commencement Date to Contract Completion Date shall be deemed as the Contract Period/Time.

3.4 Contract Execution Completion Date

The stipulated date for completing the supply as per schedule of quantities shall be deemed as the Contract Execution Completion Date.

3.5 Contract Price /Value

The total all inclusive price/value mentioned in the PO/RC is the Contract Price/Value and is based on the quantity, unit rates and prices quoted and awarded and shall be subject to adjustment based on actual quantities supplied and accepted and certified by the authorized representative of the company unless otherwise specified in schedule of quantities or in contract documents.

3.5.1 Anti Profiteering Clause

Notwithstanding anything contained in the Contract, in the event of introduction of any new legislation or any change or amendment or enforcement of any Act or Law, or any change in the interpretation by the Supreme Court of India of any said Act or law, rules or regulations of Government of India or State Government(s) or Public Body which becomes effective after the bid date to the completion of work including defect liability period, if any, which results in any decrease in the cost of the works through reduced liability of taxes & duties, increase in the input tax credits, the Supplier shall pass on the benefits of such reduced cost, taxes or duties to the extent which is directly attributable to such Introduction of new legislation or change or amendment as mentioned above as per Anti-profiteering Rules, 2017, hereby, "Tax" or "tax" shall include taxes, duties, levies, cess and similar imposts by whatever name called whether in the nature of Indirect Tax or direct taxes and whether or not imposed by the Central government, state government, local or municipal authority or any other statutory body.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 6 of 51

3.6 Contract Document

The Contract Document shall mean and include but not limited to the following:

- NIT/Tender Enquiry, QR, Instruction to Bidders, Special Condition of Contract (SCC) of tender, GCC, Technical & Commercial Specifications including relevant annexure and attachments).
- Bids & Proposals Received from Associate including relevant annexure/attachments.
- RC/PO with agreed deviations from the tender/bid documents.
- All the Inspection and Test reports, Detailed Engineering Drawings.
- Material Dispatch Clearance Certificate (MDCC).
- Minutes of Meeting (MoM)

3.7 Contract Language

All documents, instructions, catalogues, brochures, pamphlets, design data, norms and calculations, drawings, operation, maintenance and safety manuals, reports, labels, on deliveries and any other data shall be in English Language.

The Contract documents and all correspondence between the TPCODL, Third Parties associated with the contract, and the Associate shall be in English language.

However, all signboards required indicating "Danger" and/or security at site and otherwise statutory required shall be in English, Hindi, and local languages.

3.8 Reverse Auction

TP Odisha Discoms reserves the right to conduct the reverse auction (instead of public opening of price bids) for the products / services being asked for in the tender. The terms and conditions for such reverse auction events shall be as per the Acceptance Form attached in Annexure F.

4.0 SCOPE OF WORK

All the activities that are to be undertaken by the Associate to realize the contractual deliverables in completeness form Scope of Work. Following clauses list, but not limited to, major requirements of the scope of work.

The associate shall satisfy himself and undertake fully the technical/commercial requirements of items to be supplied as listed in the Schedule of Quantities together with the tests to be performed /test reports to be furnished before dispatch, arrangement of stage and final inspections during manufacturing as per terms and conditions of contract, technical parameters & delivery terms and conditions including transit insurance to be met in order to fully meet TP Odisha Discom requirements.

Completeness: Any supplies and services which might have not been specifically mentioned in the Contract but are necessary for the scope mentioned in Special Terms & Conditions and/or completeness of the works at the highest possible level, including any royalties, license fees & compensation to be paid, whether incurred by the associates or by a third party for the work covered in the scope, regardless of when incurred, shall be supplied/provided by the associate without any extra cost and within the time schedule for efficient, smooth and satisfactory operation and maintenance of the works at the highest possible level under Indian conditions (but according to international standards for facility of this type), unless expressly excluded from the scope of supplies and services in this Contract.

TP Odisha Discom have the right, during the performance of the Contract, to change the scope and/or technical character of the Project and/or of the supplies and services stipulated in the Contract by submitting a request in writing to the Associate. The Associate shall, within fifteen days of receipt of such request from the respective TP Odisha Discom, provide Purchaser with a reasonably detailed estimate of the cost of the change outlined in the request.

In the event, TP Odisha Discom requests a change, the Contract price and time shall be adjusted

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 7 of 51

upwards or downwards, as the case may be and shall be mutually agreed to. The associate shall not be entitled to any extension of time unless such changes adversely affect the time schedule.

The Associate shall not proceed with the changes as requested till adjustment of contract price and time schedule wherever so applicable in terms of or otherwise directed by the TP Odisha Discom.

4.1 Bid Evaluation- Commercial & Technical

TP Odisha Discom reserves the right to evaluate the bid on the parameters below as per the requirement:

Commercial Evaluation: The bid shall be evaluated on the basis of Qualifying Requirement parameters and other commercial parameters as mentioned in tender.

Technical Evaluation: The bid shall be evaluated on the parameters and not limited to Bidder Experience, Bidder Performance with other utility/company, internal performance feedback, Technical Specification, General Technical Parameters (GTP), Layout, Drawings and factory evaluation.

5.0 PRICES/RATES/TAXES

Unless specified elsewhere in the contract document, the prices/rates are inclusive of cost of finished product for which MDCC will be issued by TPCODL, packaging and forwarding charges, freight and transit insurance charges covering loading at Associate's works, transportation to TP Odisha Discom's store/site & unloading & delivery at respective TP Odisha Discom's stores/ respective TP Odisha Discom's site, cost of documentation including all the relevant test certificates and other supportive documents to be furnished.

The Prices/Rates are inclusive of all taxes, levies, cess and duties, particularly Goods and Services Tax as applicable. All government levy / taxes shall be paid only when the invoice is submitted according to the relevant act.

The prices/rates shall remain firm till actual completion of entire supply of goods/material/equipment as per contract is achieved and shall remain valid till the completion of the contract.

The prices shall remain unchanged irrespective of TP Odisha Discom making changes in quantum in all or any of the schedules of items of contract.

5.1 Changes in Statutory Tax Structure

If rate of any or all of the statutory taxes and duties applicable to the contract changes, such changes shall be incorporated by default if the changes occur within the contract execution time and shall be applicable if the contract is executed by the Associate within the Contract Execution Time.

For execution of contracts beyond contract execution time, where the delay is not attributable to TP Odisha Discom no upward revision in tax /duties shall be considered irrespective of changes in the statutory tax structure either within the contract execution time or beyond. However, in such cases, benefits due to any downward revisions in statutory tax rates shall be passed on to respective TP Odisha discom.

6.0 TERMS OF PAYMENT

On delivery of the materials in good condition and certification of acceptance by TP Odisha Discom's official, Associate shall submit the Bills/Invoices in original in the name of respective Discom i.e "TP Central Odisha Distribution Limited" / "TP Northern Odisha Distribution Limited" / "TP Southern Odisha Distribution Limited" / "TP Western Odisha Distribution Limited" to invoice desk, complete with all required documents as under:

- Test Reports (4 sets).
- MDCC issued by TPCODL.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 8 of 51

- Packing List.
- Drawing and Catalogue.
- Guarantee/Warranty Card.
- Delivery Challan.
- O&M Manual.
- Copy of Order.
- Minutes of Meeting.
- E-Way challan (if applicable)

Bills/ invoices shall mention Supplier's GST Number. Respective TP Odisha Discom will make 100% payment within 60 days of submission of the error free certified Bill/Invoice complete in all respects and along with all the requisitedocuments mentioned above, subject to condition that Associate has furnished the requisite Security-cum-Performance Guarantee as stipulated in the contract.

6.1 Quantity Variation

Payment will be made on the basis of actual quantity of supplies/actual measurement of works accepted by TP Odisha Discom and not on the basis of contract quantity.

6.2 Full and Final Payment

Full & Final Payment in all contracts shall be made subject to the associate submitting "No Demand Certificate" in the format as per Annexure-C.

7.0 MODE OF PAYMENT

Payment shall be made through crossed Cheque or RTGS/ NEFT/ Online Net banking mode whichever of the two modes chosen by the Associate, in favour of Associate's Bank Account on TP Odisha Discom's records, on whose name Contract has been issued. Those Associates opting for the RTGS mode shall submit the detailsof Bank Account and other details as per annexure G. Further, for any payments made, TP Odisha Discom shall not responsible for any consequences/disputes Associate have among the owners channel partners, sub-Associates and all such dispute/concerns shall be settled solely by the Associate.

8.0 SECURITY CUM PERFORMANCE DEPOSIT

Associates shall submit within 21 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 respective TP Odisha Discom for:

- 5% of the PO value if purchase order value is more than Rs 5 Crores.
- 10% of the PO value if purchase order value is less than Rs 5 Crores.
- 5% of the RC value in case of Rate Contract. This shall remain valid till the Guaranteeperiod plus six months.

In case of non-submission of PBG by BA within 21 days post awarding the contract, respective TP Odisha Discom will reserve the right to take any appropriate action. However, in case of non-submission of PBG till the date of first bill submission, the amounts towards PBG shall be retained by respective TP Odisha Discom from Bills.

The validity of PBG shall be Guarantee Period of contract, plus six months. Claim period shall be another six months of post BG expiry.

- 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

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 9 of 51

while processing the invoice and shall be released after completion of GuaranteePeriod plus one month.

- For PO/RC values less than Rs. 3 lacs, the clause (8.0) for Security cum Performance Bank Guarantee (SPBG) shall not be applicable.
- In case of RC (Rate Contract) after the expiry of RC validity, Associate shall have to submit SPBG. However, the Associate has the option to re-submit the SPBG as per actual RO (Release Order) value issued against the RC, valid for Guarantee Period plus Six month. The Guarantee Period shall be considered as per the last RO issued against the said RC. The original SPBG as submitted against the RC shall be released on submission of the new SPBG to respective TP Odisha Discom. Alternatively, Associate may extend the validity of original SPBG only till the requisite period, i.e. Guarantee Period plus six months.

9.0 STATUTORY COMPLIANCE

9.1 Compliance to Various Acts

Associate should ensure adherence to all applicable laws, rules and regulation applicable under this contract from time to time. In case of violation any risk, costs etc shall be in associates account and keep concerned TP Odisha Discom indemnified always till completion of contracts.

9.2 SA 8000

Each TP Odisha Discom expects its Associates to follow guidelines of SA 8000:2014 on the following aspects

1. Child Labour
2. Forced or Compulsory Labour
3. Health & Safety
4. Freedom of Association & Right to Collective Bargaining
5. Discrimination
6. Disciplinary Practices
7. Working Hours
8. Remuneration
9. Management System

9.3 Affirmative Action

TP Odisha Discom believes in promoting social equity and opportunities that enable and empower socially and economically disadvantaged sections of society, specifically the Scheduled Caste, Scheduled Tribes, Persons with Disabilities and women from marginalized communities (AA group). The company recognizes that diversity in the workplace positively impacts its business, partnerships and future-readiness. TP Odisha Discom will volunteer its training resources to the best extent to improve education, employability, financial & digital inclusivity of the AA group of society. TP Odisha Discom will empower and encourage AA groups for entrepreneurship and inclusion in industrial value chains.

Relaxation in Contract Clauses under Affirmative Action for AA Community Associates**

TP Odisha Discom believes that inclusive growth is the key to sustainable development, and to promote the same Policy on Affirmative Action for Scheduled Caste, Scheduled Tribe, Communities Women from marginalized communities & Persons with Disabilities has been adopted across the company.

Under the same pre-text, and to promote entrepreneurship among SC/ST community, Women from

marginalized communities & Persons with Disabilities TP Odisha Discom has taken initiative by proposing relaxations in contract clauses as per below:

S. No	Initiative	for SC/ ST, Women from marginalized communities & Persons with Disabilities BA's	Guideline Document
1	Tender Fees	Tender Fees Rs 1000/- (including tax)	All Open Tenders
2	Earnest Money Deposit	EMD exempted for AA Category Bidders, Bidder shall be barred to participate in the tendering process for a period of 2 years in case it backs out post award of the contract.	All limited and Open Tenders
3	Performance Bank Guarantee	Performance Bank Guarantee for AA Category bidders shall be 25% of the value normally prescribed.	All limited and Open tenders
4	Turnover	Qualification Requirement of Financial Turnover for AA Category bidders shall be reduced to 20% of the existing criteria.	All Open Tenders

****Classification of BAs under AA Category shall be governed under following guidelines:**

- Proprietorship/ Single Ownership Firm: Proprietor of the firm should be from SC/ST community, Women from marginalized communities & Persons with Disabilities. Governing document shall be duly audited balance Sheet for the last FY bearing the name of proprietor.
- Partnership Firm: Only such firms shall qualify which have SC/ST, Women from marginalized communities & Persons with Disabilities partners holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Partnership Deed and audited balance sheet/ ITR for last FY.
- Private limited company: Only such firms shall qualify which have SC/ST, Women from marginalized communities & Persons with Disabilities directors holding equal to or more than 50% of the total ownership pattern of the firm. Governing documents shall be Memorandum of Understanding (MoU) and/or Article of Association (AoA).

Governing document shall be Memorandum of Understanding (MoU) and/or Article of Association (AoA).

Note: Certification from SC/ST commission, Women from marginalized communities & Persons with Disabilities shall be required for deciding upon AA category of a person / firm.

10.0 QUALITY

10.1 Knowledge of Requirements

The Associate shall be deemed to have carefully examined and to have knowledge of the equipment, the general and other conditions, specifications, schedules, drawings, etc. forming part of the Contract and also to have satisfied himself as to the nature and character of the work to be executed and the type of the equipment and duties required including wherever necessary of the site conditions and relevant matters and details. Any information thus procured or otherwise obtained from TP Odisha Discom /Consultants shall not in any way relieve the Associate from his responsibility and executing the works in accordance with the terms of contract.

10.2 Material/Equipment/Works Quality

The items / works under the scope of the Associate shall be of the best quality and workmanship according to the latest engineering practice and shall be manufactured from materials of best quality considering strength and durability for their best performance and, in any case, in accordance with the specifications set forth in this Contract. All material shall be new. Substitution of specified material

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 11 of 51

or variation from the process of fabrication/ construction/ manufacture may be permitted but only with the prior written approval of the respective TP Odisha Discom.

10.3 Adherence to Rules & Regulations

The Associate shall procure and/or fabricate/erect all materials and equipment in accordance with all requirements of Central and State enactment, rules and regulations governing such work in India and at site. This shall not be construed as relieving the Associate from complying with any requirement of TP Odisha Discom as enumerated in the Contract which may be more rigid than and not contrary to the above mentioned rules, nor providing such construction as may be required by the above mentioned rules and regulations. In case of variance of the Technical Specification from the laws, ordinance, rules and regulations governing the work, the Associate shall immediately notify the same to the TP Odisha Discom. It is the sole responsibility of the Associate, however, to determine that such variance exists. Wherever required by rules and regulations, the Associate shall also obtain the statutory authorities' approval for the plant, machinery and equipment to be supplied by the Associate.

10.4 Specifications and Standards

The Associate shall follow all codes and standards referred in the Contract Document. Codes and standards of other may be followed by the Associate with the prior written approval of TP Odisha Discom. provided materials, supplies and equipment according to the standard are equal to or better than the corresponding standards specified in the Contract.

Brand names mentioned in the Contract documents are for the purpose of establishing the type and quality of products to be used. The Associate shall not change the brand name and qualities of the bought out items without the prior written approval of the TP Odisha Discom. All such products and equipment shall be used or installed in strict accordance with original manufacturer's recommendations, unless otherwise directed by the TP Odisha Discom. In any circumstances the codes, specimen and standards prescribed by any government agency should not be violated.

11.0 INSPECTION/PARTICIPATION

11.1 Right to Carry Out Inspection

TP Odisha Discom reserves the right to send its representatives for inspection or participation at various stages of contract execution listed below, applicable as per contract construction.

- During basic design and detail engineering of material/ Equipment carried out by Associate /Outsourced Agencies.
- During manufacturing stages of the product at Associate's/Associate's Outsourced Agency's Plant/Facility.
- During Pre-dispatch Inspection and Testing of finished/manufactured product at Associate's/Associate's outsourced Agency's Plant/Facility.
- During Installation & Commissioning Activities/Stages.
- Prior to Clearing of the completed installation for commissioning.
- Any other stage as find appropriate by TP Odisha Discom during contract execution time.

All inspections and participations shall be carried out by TP Odisha Discom giving written intimation to the Associate or receiving appropriate advance written inspection call from the Associate, unless otherwise specified elsewhere in the contract document.

11.2 Facilitating Inspection

The Associate shall provide all opportunities and information to TP Odisha Discom's engineers to get acquainted with the technical know-how and the methods and practices adopted by the Associate in basic and detail engineering. The Associate shall provide documents, drawings, calculations etc. as

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 12 of 51

may be required by the Engineers.

The Associate shall provide free of charge office accommodation, office facilities, secretarial services, communication facilities, general and drawing office stationary, etc. as may be reasonably required by the TP Odisha Discom's engineers. Similarly, facilities shall also be provided by Associate's outsource agencies/partners/authorized dealers (collectively termed as sub associates) if such basic and detail engineering activities are carried out in the design offices of sub-Associates.

The Associate shall be responsible for the safety of employees of TP Odisha Discom /Third Party Agency when they are at the Associate's /Associate's outsource agency's plant or facility for carrying out/witnessing inspection/testing. All statutory safety precautions as applicable shall be followed by the Associate during Inspection Testing. If TP Odisha Discom inspectors are not satisfied with the safety arrangements at the plant, TP Odisha Discom have the right to call off inspection till such time corrective action is taken by the Associate.

Before raising the call for pre-dispatch final inspection and testing, the Associate shall conduct all the tests—type tests, routine tests etc-as specified in the contract document and submit copies of the test certificates to TP Odisha Discom along with the inspection call, for scrutiny of TP Odisha Discom.

The Associate and TPCODL shall jointly document all the observations, comments and action points after completion of inspection and it shall be binding on the Associate to provide compliance on all the points requiring compliance and furnish the compliance report to the designated authority of TP Odisha Discom for receiving clearance for dispatch of materials.

11.3 Third Party Nomination

TP Odisha Discom also may nominate a third party for the purpose of carrying out the inspection and such an agency shall be entitled to all the rights and privileges of TP Odisha Discom as far as conducting the inspection.

11.4 Waiver of Inspections

TP Odisha Discom on its own discretion shall choose to waive off any inspection and ask the Associate to submit all the test reports as applicable as per contract specifications, related to inspection and testing of the goods ordered for scrutiny and clearance for dispatch.

11.5 Incorrect Inspection Call

In case it is observed that the material offered for inspection is not ready at the time of TP Odisha Discom inspection visit rendering it as futile, all costs towards such inspection shall be recovered from the BA. Taxes as applicable on such recoveries shall be borne by the BA.

12.0 MDCC & DELIVERY OF MATERIALS

12.1 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 TP Odisha Discom. Material delivered at respective TP Odisha Discom stores or at project site without a valid MDCC issued by the designated official of TP Odisha Discom 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 TP Odisha Discom, 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.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 13 of 51

Gas seals or other materials shall be utilized by the associate for protection against moisture during transit of all Plant and Equipment. The associate shall use environmentally friendly packing to a great extent.

Each Equipment or parts of Equipment shall be tagged with reference to the assembly drawings and corresponding part numbers. Each bale or package shall contain a packing note quoting specifically the name of the associate, item description, quantity, item / package identification.

All packing cases, containers, packing and other similar materials shall be new and supplied free by the associate and it shall not be required to be returned to the associate.

Notwithstanding anything stated in this clause, the associate shall be entirely responsible for loss, damage or depreciation or deterioration to the materials and supplies due to faulty and/or insecure packing or otherwise during transportation to the Site until otherwise provided herein.

In case of the consignments dispatched by road, the associate shall ensure that it or its subcontractors:

- i) Identify and obtain the correct type of trucks/trailers, keeping in view the nature of consignments to be dispatched.
- ii) Take such actions as may be necessary to avoid all possible chances of damages during transit and to ensure that all packages are firmly secured.

Timelines for inspection and MDCC is as below:

S. No.	Inspection	MDCC issuance time including Inspection date (max.)
1	Outside Odisha	10 days
2	Within Odisha	5 days
3	Waiver*	3 working days

* Associate is expected to raise the inspection call assuming that Inspection shall be carried out by TP Odisha Discom. The decision for waiver of inspection shall be on sole discretion of TP Odisha Discom. The Bidder has to intimate 7 days prior for inspection to respective discoms.

12.2 Right to Rejection on Receipt

Goods/Material/Equipment delivered in condition physically damaged & incomplete as a product ordered, or not packed and transported as per the terms and conditions of the contract is liable to be rejected. Such item shall be lifted back by Associates within 15 days from receipt of rejection note from respective TP Odisha Discom and have to supply back the material within next 30 days or within the timeframe mutually decided by Associate and concerned TP Odisha Discom.

If delivery of the material is beyond the agreed time, Liquidated damage clause, mentioned in this GCC separately shall be applicable; but the period for levy of LD shall be considered as per the original delivery schedule and not from the agreed timelines for material rectification.

12.3 Consignee

Unless otherwise specified in the Contract Document, Materials/Goods/Equipment shall be consigned to "Stores-In-Charge", TPCODL, Bhubaneswar / "Stores-In-Charge", TPNODL, Borsore / "Stores-In-Charge", TPSODL, Berhampur / "Stores-In-Charge", TPCODL, Burla.

Store location will be depending upon the concerned Discom, mentioned on the Rate Contract / Purchase Order / Released Order.

12.4 Submission of mandatory documents on Delivery

Following documents shall be mandatorily submitted by BA along with supply of material to TPCODL stores/site:

S. No.	Documents	Requisite
1	Invoice copy in original	With all consignments
2	LR copy	Wherever required
3	Packing list	With all consignments
4	MDCC	With all consignments
5	Purchase order / Release order	Signed copy
6	Test certificates	With all consignments
7	Inspection/JVR report	In case pre-dispatch inspection is conducted
8	Device data in CD as per template for metering items	Wherever applicable

12.5 Dispatch and Delivery Instructions

S. No.	Instructions
1	Purchase order/ Release order no. shall be mentioned on invoice and on material
2	TP Odisha Discom's material code and material description shall be mentioned in invoice and on material.
3	"Property of respective TP Odisha Discom's" shall be embossed on material. Example :- Property of TPCODL .
4	The material shall be properly sealed and packed in standard packing as per purchase order terms & conditions.
5	The weight and quantity of material shall be mentioned wherever applicable
6	The material supplied shall be co-related with the packing list.
7	The name plate detail on equipment shall include Material code, Material description, specification detail of material [as applicable], Serial No. Year of manufacturing, PO/RO no. and date, "PROPERTY OF TPCODL" / "PROPERTY OF TPNODL" / "PROPERTY OF TPSODL" / "PROPERTY OF TPWODL", Guarantee period and Associate's name.
8	In case of manual unloading, supplier / transporter shall deploy sufficient Labour for unloading the material at respective TP Odisha Discom's central store. For heavy item(s), crane shall be arranged by the BA.
9	The driver should have valid License and one helper in truck. All the documents of truck like registration papers, PUC etc. should be available in Truck.
10	BA representative should accompany the material and get it unloaded / stacked in his presence wherever possible.

13.0 GUARANTEE

13.1 Guarantee of Performance

Associates shall stand guarantee that the equipment and material supplied under the contract is free from design, manufacturing, material, construction, erection & installation and workmanship & quality defects and is capable of its due, rated and intended quality performance, as an integrated product delivered under the contract, for a specific period termed as Guarantee Period (as elaborated elsewhere in this clause). The Associate should also guarantee that the equipment/material is new

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 15 of 51

and unused except for the usage required for the tests and checks required as part of quality assurance.

13.2 Guarantee Period

The Guarantee Period will be equipment/service/work specific and shall be as specified in the Standard Specifications of TP Odisha Discom for the equipment/material/service/work and where standards specifications are not part of contract documents or guarantee period is not specified in the standard specifications,, the guarantee period shall be as per the Special Terms and Conditions of the Contract. In case of no mention of the guarantee period in standard specifications or SCC Guarantee Period will be 12 Months from the Date of Commissioning or 24 months from the date of delivery of final lot of supplies made, whichever is earlier.

13.3 Failure in Guarantee Period (GP)

If the equipment and material supplied under the contract fails to perform its due, rated & intended quality performance, during the Guarantee period, the associate is liable to undertake repair/rectify/replace the equipment and material supplied within time frame specified in the SCC or elsewhere in the contract documents at associate's cost to make the equipment and material supplied/service or work rendered under the contract of performing its due, rated and intended quality performance. If Associate fails to repair/rectify/replace the equipment or material supplied rendered under the contract, failed in Guarantee Period, respective TP Odisha Discom will be at liberty to get the same done at Associate's risks and costs and recover all such expenses plus the respective TP Odisha Discom's own charges (@ 20% of expenses incurred), from the Associate or from the "Security cum Performance Deposit" as the case may be.

If during the Warranty/ Guarantee period some parts of the supplies are replaced owing to the defects/ damages under the Warranty, the Warranty period for such replaced parts shall be until the expiry of twelve months from the date of such replacement or renewal or until the end of original Guarantee period, whichever is later.

Any repairs during the Guarantee Period shall be carried out by the Associate within 30 days of reporting the issue to Associate by respective TP Odisha Discom. However, if replacement of the Equipment is required, Associate shall notify the same to respective TP Odisha Discom within 7 days of reporting the issue by respective TP Odisha Discom. Thereafter, the total time for supply of new equipment/ material shall be equal to the original delivery period of that equipment/ material as specified in the Contract. In case the Associate is not able to rectify/ replace the faulty equipment/ material within the stipulated timelines as mentioned above, penalty shall be levied as per the Liquidated Damages clause mentioned in this document. The penalty amount shall be recovered from the payment due to the vendor or by encashment of the SPBG as the case may be.

13.4 Cost of repairs on failure in GP

The cost of repairs/rectification/replacement, required transportation, site inspection /mobilization/dismantling and re-installation costs as applicable, to be borne by Associate. The Associate has to ensure that the interruption in the usage of intended purpose of the equipment is minimized to the maximum extent In lieu of the time taken for repairs/rectification/replacement.

13.5 Guarantee period for Goods Outsourced

If the Associate outsources partly equipment/materials/services from third party as mutually agreed upon at the pre award stage of contract, respective TP Odisha Discom shall have the benefit of any additional guarantee period if provided by the third party for the part supplied/executed by them.

13.6 Latent Defect

Hidden defects in manufacturing or design of the product supplied and which could not be identified by the tests conducted but later manifested during operation of the equipment are termed as latent defects. Associates shall further be responsible for 'free replacement' for another period of THREE

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 16 of 51

years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Company.

13.7 Support beyond the Guarantee Period

The Associate shall ensure availability of spares and necessary support for a period of at least 10 years post completion of guarantee period of equipment supplied against the contract.

14.0 LIQUIDATED DAMAGES

- a) For supplies which are of standalone use, multiple in quantities and having a single final delivery schedule, Liquidated damages shall be levied without prejudice to any of the other contractual rights of TP Odisha Discom, as described below:

For delay of each week and part thereof from the delivery schedule specified in the contract, 1% of contract value corresponding to undelivered quantity, provided full quantity is supplied within 130% of the original contract time. If full contractual quantity is not delivered within 130% of contract time for delivery, respective TP Odisha Discom has the right to levy LD on the delayed delivered contract value, subject to a maximum of 10% of the total contract value.

- b) For Supplies having phased delivery schedule as per contract terms, standalone use and multiple in quantities, Liquidated damages shall be levied without prejudice to any of the other contractual rights of respective TP Odisha Discom, as described below:

For the purpose of calculating and applying LD, each delivery lot shall be considered separately. For delay of each week and part thereof, from the delivery schedule specified for the lot, 1% of the contract value corresponding to the undelivered quantity of the lot subject to a maximum of 10% of the total contract value of the subject lot. However, if full contractual quantity is not delivered within 130% of contract time for delivery, respective TP Odisha Discom has the right to levy LD on the delayed delivered contract value, subject to a maximum of 10% of the total contract value. Deduction of LD shall be on landed cost i.e. contract value inclusive of taxes and in pursuant statutory compliance GST would be applicable at the stipulated rate and the same shall be borne by Business Associate. In case of LD deduction, a GST invoice shall be issued by respective TP Odisha Discom as a proof of deduction/ recovery.

14.1 LD Waiver Request

Any request of LD waiver shall be submitted within thirty (30) days of deducting LD or on receipt of detail payment summary with LD details whichever is later. Request submitted beyond the timeline shall not be entertained.

15.0 UNLAWFUL ACTIVITIES

The Associate shall have to ensure that none of its employees are engaged in any unlawful activities (whether covered under the scope of the present GCC or not) subversive of the TP Odisha Discom's interest failing which appropriate action (legal or otherwise) may be taken against the Associate by the respective TP Odisha Discom, in accordance with the terms of the present GCC.

16.0 CONFIDENTIALITY

Associate and its employees or representatives thereof shall strictly maintain the confidentiality of various information they come across while executing the contract as detailed below.

16.1 Documents

All maps, plans, drawings, specifications, schemes and other documents or information related to the Contract/Project and the subject matter contained therein and all other information given to the Associate by the TP Odisha Discom in connection with the performance of the contract shall be held confidential by the Associate and shall remain the property of the TP Odisha Discom and shall not be used or disclosed to third parties by the Associate for any purpose other than for which they have been supplied or prepared. The Associate may disclose to third parties, upon execution of confidentiality

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 17 of 51

agreements, such part of the drawings, specifications or information if such disclosure is necessary for the performance of the Work provided such third parties agree in writing to keep such information confidential to the same extent and degree as provided herein, for the benefit of the TP Odisha Discom.

16.2 Geographical Data

Maps, layouts and photographs of the unit/plant including its surrounding regions showing vital installation for national security of country or those of TP Odisha Discom shall not be published or disclosed to the third parties or taken out of the country without prior written approval of the TP Odisha Discom and upon execution of confidentiality agreements satisfactory to the TP Odisha Discom with such third parties prior to disclosure.

16.3 Associate's Processes

Title to secret processes if any developed by the Associate on an exclusive basis and employed in the design of the equipment shall remain with the Associate. TP Odisha Discom shall hold in confidence such processes and shall not disclose such processes to the third parties without prior approval of the Associate and execution by such third parties of secrecy agreements satisfactory to the Associate prior to disclosure. Upon completion of contract, such processes shall become the property of the TP Odisha Discom. Title to technical specifications, drawings, flow sheets, norms, calculations, diagrams, interpretations of test results, schematics, layouts and such other information, which the Associate has supplied to the TP Odisha Discom under the Contract shall be passed on to the TP Odisha Discom. The TP Odisha Discom shall have the right to use these for construction, erection, start-up, Trial Run, operation, maintenance, modifications and/or expansion of the works including for the manufacture of spare parts.

16.4 Exclusions

The provision of Clauses 16.1 to 16.3 shall not apply to information:

- Which at the time of disclosure are in the public domain which later on become part of public domain through no fault of the party concerned, or
- Which were in the possession of the party concerned prior to disclosure to him by the other party, or
- Which were received by the party concerned after the time of disclosure without restriction on disclosure or use, from a third party who did not acquire such information directly or indirectly from the other party or has no obligation of confidentiality for such information.

16.5 Violation

In case of violation of this clause, the Associate is liable to pay compensation and damages as may be determined by the competent authority of TP Odisha Discom.

17.0 INTELLECTUAL PROPERTY RIGHTS

If, in the course of performance of its functions and duties as envisaged by the scope of the present GCC, the Associate acquires or develops, any unique knowledge or information which would be covered, or, is likely to be covered within the definition of a trademark, copyright, patent, business secret, geographical indication or any other form of intellectual property right, it shall be obliged, under the terms of this present GCC, to share such knowledge or information with the TP Odisha Discom. All rights, with respect to, or arising from such intellectual property, as afore mentioned, shall solely vest in TP Odisha Discom.

Moreover, the Associate undertakes not to breach any intellectual property right vesting in a third party/parties, whether by breach of statutory provision, passing off, or otherwise. In the event of any such breach, the Associate shall be wholly liable to compensate, indemnify or make good any loss suffered by such third party/parties, or any compensation/damages arising from any legal

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 18 of 51

proceeding/s, or otherwise. No liability of TP Odisha Discom shall arise in this respect, and any costs, damages, expenses, compensation payable by TP Odisha Discom in this regard to a third party/parties, arising from a legal proceeding/s or otherwise, shall be recoverable from the Associate.

18.0 INDEMNITY

The Associate shall at all times indemnify, keep indemnified and hold harmless the respective discoms under TP Odisha Discom and its officers, directors, employees, affiliates, agents, successors and assigns against all actions, claims, demands, costs, charges and expenses arising from or incurred by reason of any infringement of patent, trade mark, registered design, copy rights and/or industrial property rights by manufacture, sale or use of the equipment supplied by the Associate whether or not the respective discom under TP Odisha Discom is held liable for by any court judgement. In this connection, the respective discom under TP Odisha Discom shall pass on all claims made against him to the Associate for settlement.

The Associate assumes responsibility for and shall indemnify and save harmless the respective discom under TP Odisha Discom from all liability, claims, costs, expenses, taxes and assessments including penalties, punitive damages, attorney's fees and court costs which are or may be required to be paid by the respective discom under TP Odisha Discom and its officers, directors, employees, affiliates, agents, successors and assigns arising from any breach of the Associate's obligations under the Contract or for which the Associate has assumed responsibilities under the Contract including those imposed under any local or national law or laws, or in respect to all salaries, wages or other compensation for all persons employed by the Associate or his Sub-Associates or suppliers in connection with the performance of any work covered by the Contract. The Associate shall execute, deliver and shall cause his Sub-Associate and suppliers to execute and deliver, such other further instruments and to comply with all the requirements of such laws and regulation as may be necessary there under to conform and effectuate the Contract and to protect the respective discom under TP Odisha Discom.

The respective discom under TP Odisha Discom shall not be held responsible for any accident or damages incurred or claims arising, due to the Associate's error there from prior to completion of work. The Associate shall be liable for such accidents and after completion of work for such accidents as the case may be due to negligence on his part to carry out Work in accordance with Indian laws and regulations and the specifications set forth herein.

19.0 LIABILITY & LIMITATIONS

19.1 Liability

Except for any specific liability which may be identified in the Contract and which may be payable hereunder, Associate shall not be liable for any special, incidental, indirect, or consequential Damages or any loss of business Contracts, revenues or other financial loss (or equivalents thereof no matter how claimed, computed or characterized) arising out of or in connection with the Performance of the Work or supply of Goods ***unless caused by Associate's negligence, willful misconduct or breach of contract.***

If the Associate is a joint venture or consortium, all concerned parties shall be jointly and severally bound to the TP Odisha Discom for the fulfillment of the provisions of the Contract. The consortium or the joint venture shall designate one party as their leader, who will be the coordinator between the parties and TP Odisha Discom. The constituents & leader of the consortium or joint venture shall not be changed without the prior consent of TP Odisha Discom.

TP Odisha Discom shall have no liability or any special, incidental, indirect or consequential Damages for any loss of Business Contracts, revenues or other financial loss arising out of this Contract.

19.2 Limitation of Liability

The total liability of Associate against any contract shall be limited to the Total All Inclusive Contract Value.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 19 of 51

20.0 FORCE MAJEURE

Force Majeure applies if the performance by either Party ("the Affected Party") of its obligations under Contract is materially and adversely affected.

"Force Majeure" shall mean any event or circumstance or combination of events or circumstances referred below and their consequences that wholly or partly prevents or unavoidably delays any Party in the performance of its obligations under this Agreement, but only and to the extent that such events and circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided even if the Affected Party had taken reasonable care:

- Act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, embargo, blockade, revolution, riot, bombs, religious strife or civil commotion, etc. ▪ Politically motivated sabotage, or terrorism, etc.
- Action or Act of Government or Governmental agency for which remedy is beyond the control of the affected parties. ▪ Any act of God.

Note: Causes like power breakdown/ shortages/fire/strikes, accidents etc do not fall under Force Majeure.

Time being the essence of the Contract, if either party is prevented from the performance of its obligations in whole or in part due to an event of Force Majeure, then provided Notice of happening of any event by the Affected Party is given to the other party within seven (7) days from the date of occurrence of such event, which DIRECTLY has impact on works and submitted details and quantum of resulting effect, but at the same time had made all possible efforts to mitigate and overcome effects thereof, the Affected Party's performance under this Contract shall be suspended until such event ceases and the Scheduled Completion shall be delayed accordingly.

If Force Majeure event(s) continue for a period of more than three months, the parties shall hold consultation to discuss the further course of action.

Neither party shall be considered to be in default or in breach of its obligation under the Contract to the extent that performance of such obligation by either party is prevented by any circumstances of Force Majeure which arise after effective date of Contract.

Neither party can claim any compensation from the other party on account of Force Majeure.

21.0 SUSPENSION OF CONTRACT

21.1 Suspension for Convenience

TP Odisha Discom may, at any time and at its sole option, suspend execution of all or any portions of the schedule of items of contract to be supplied/work to be executed by Associate under the contract by providing to the Associate at least two business days written notice for contracts having contract completion period less than sixty days and at least seven business days' notice for all other contracts.

Upon receipt of any such notice, the Associate shall respond as follows as applicable as per contract construction.

- Immediately discontinue further supply of material/goods specified in the suspension notice for supply contracts
- Immediately discontinue further service/work and supply of materials of those services/materials/work specified in the suspension notice for service /composite contract
- Promptly make every reasonable effort to obtain suspension, upon terms satisfactory to TP Odisha Discom, of all orders, outsourcing arrangements, and rental Contracts to the extent that they relate to performance of the portion of Work suspended by the notice.
- Protect and maintain the portion of the service/Work already completed, including the portion of the Work suspended hereunder, unless otherwise specifically stated in the notice.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 20 of 51

- Continue delivering/carrying out the supply/service/work items as per contract conditions, which do not fall under purview of the suspension notice.

On receipt of resumption notice from the respective discom under TP Odisha Discom, the Associate shall resume execution of contract as specified in the resumption notice, within the time frame specified in the resumption notice.

21.2 Suspension for Breach of Contract conditions.

TP Odisha Discom shall suspend execution of whole/or part thereof the contract till such time Associate complies with the conditions stipulated under section clause 22.1 for breach/default of contract conditions.

21.3 Compensation in lieu of Suspension

If the suspension of the contract in whole or in part is for convenience of TP Odisha Discom and not due to any breach of contract conditions by the associate, TP Odisha Discom at its discretion shall consider compensating all reasonable additional costs incurred by Associate in lieu of suspension of whole or part of contract, on representation of the Associate providing justified estimates of such additional costs and such estimates are found acceptable and approved by competent authority of TP Odisha Discom.

If the suspension of contract in whole or part thereof is due to breach of contract conditions (refer clause 22.1) by the Associate, Associate shall not be entitled for any compensation for any cost incurred in lieu of suspension of whole or part of contract and also shall be liable for compensating all the losses arising to the respective discom under TP Odisha Discom in lieu of suspension of contract. Resumption notice shall be subject to the Associate taking corrective action for the breach of contract conditions within the time frame and as per the terms specified in the suspension notice.

22 TERMINATION OF CONTRACT

22.1 Termination for Default/Breach of Contract

The contract / PO / RC shall be subject to termination by TP Odisha Discom in case of breach of the contract by the Associate which shall include but not be limited to the following:

- a. Withdrawal or intimation by the Associate of its intent to withdraw or surrender the execution / completion of the contracted work / PO or failure in ensuring adherence to any delivery schedules, in deviation of the contract/PO.
- b. Refusal or neglect on the part of the Associate to supply material/equipment of quantity or quality as specified by the respective discom under TP Odisha Discom and within the timeframe as specified in the contract document or refusal or neglect to execute the services/work in terms of the agreed standards of quantity or quality and/or within the timeframe specified in the contract/PO.
- c. Failure in any respect to perform any portion of the Work contracted with promptness, diligence, or in accordance with the terms of the contract.
- d. Failure to furnish guarantees as specified and /or failure to comply with the terms thereof.
- e. Failure to furnish such relevant documents or information within the time specified which may be necessary for due execution / completion of the works and documentation.
- f. Liquidation, bankruptcy either voluntary or involuntary OR entering into any composition or compromise with its creditors, or Insolvency.
- g. In case any reasonable information has been received by TP Odisha Discom that Associate has adopted/ or attempted to adopt any unethical conduct, action in award of the contract / PO or at any time thereafter.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 21 of 51

- h. Failure to comply with applicable statutory provisions as contained in the contract or failure to comply with the applicable laws.
- i. Failure to comply with safety regulations/clauses stipulated in the contract or as may be generally instructed by TP Odisha Discom.

If the default or breach as specified under clause 22 (except sub clause g thereof) be committed by the associate for the first time, TP Odisha Discom shall issue, along with notice of default or breach, a warning notice instructing the associate to take remedial/corrective action within the time frame stipulated in the warning notice and not to repeat the same in future. The timeframe for corrective action by the associate shall be specific to the nature of breach of contract and the same shall not be objected to by the Associate. If the Associate fails to comply with the instructions in the warning notice or in taking corrective action to the satisfaction of the particular discom under TP Odisha Discom then TP Odisha Discom may terminate the entire or part of contract at its discretion by issuing termination notice without incurring any liability on this ground.

In case the contract is terminated for any breach of the nature specified in clause 22 g stated above, TP Odisha Discom shall have the right to terminate all the contracts TP Odisha Discom is having with the Associate by issuing termination notice which shall be without prejudice to the other rights of TP Odisha Discom available to it under law.

Without prejudice to its right to terminate for breach of contract, TP Odisha Discom may, without assigning any reason, terminate the Contract in whole or in part at any time at its discretion while the contract is in force by serving a written notice of two weeks to the Associate.

In the event of TP Odisha Discom having proceeded with termination of the contract the associate shall comply and proceed further in the following manner:

- a) Associate shall discontinue the supply, on the expiry of the said period of two weeks.
- b) Associate shall ensure that no further steps are being taken towards discharge of the obligations, terms and conditions as contained in the contract/PO. This shall include initiation of actions not limited to discontinuation of other allied and associated arrangements which the associate might have entered into with third parties for due discharge of its obligations under the contract with TP Odisha Discom.
- c) The Associate shall perform thereafter such tasks as may be necessary to preserve and protect the terminated portion of the material/service/work in progress and the materials and equipment at TP Odisha Discom sites or in transit thereto. However the associate shall continue to fulfill its contractual obligations with regard to the part of contract not terminated.
- d) It shall be open for TP Odisha Discom to conduct a joint assessment with the associate of the material, supplies, equipment, works or in general as to the subject matter of the contract in regard to which the associate claims having completed its obligations before or during such termination.
- e) It shall be open to TP Odisha Discom to seek invocation of the performance bank guarantee or any other guarantee or other security deposit by whatever name called submitted by the associate, which shall not be objected to or protested against by the associate.

In case of termination of the contract the parties agree to be governed inter alia by the following:

- a) In case TP Odisha Discom exercises its right of termination as stated above the associate shall not dispute or object to the same.
- b) The Associate shall be entitled to receive and claim only such payments OR sums of money from TP Odisha Discom as may be found payable to it in regard to works executed by it under the terms of the contract and no other claim of any nature whatsoever shall be made by the Associate.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 22 of 51

- c) All such provisions which the parties have agreed to survive and prevail even after termination of the contract shall remain effective despite the termination.

In the event of such termination, TP Odisha Discom may finish the Work by whatever method it may deem expedient, including the hiring of services and /or purchase of material equipment from such third parties as TP Odisha Discom may deem fit or may itself provide any labor or materials and perform any part of the Work. The associate undertakes to bear the incremental costs if any paid by TP Odisha Discom in such a case attributable to failure on the part of the associate. The Associate in such a case shall not be entitled to receive any further payments and any sums found payable to it may be adjusted by TP Odisha Discom against the amount recoverable from him on this ground. The same shall be without prejudice to other rights available to TP Odisha Discom under law against the associate. Upon the termination of any of the contract due to occurrence of any circumstances provided in clauses stated above and constituting repeated breach or misconduct, TP Odisha Discom shall be entitled to bar the associate, its agents, affiliates from undertaking any negotiation / tendering, bidding, participation activities concerning TP Odisha Discom for a period of two years from date of such termination. The same shall be without prejudice to other rights available to TP Odisha Discom.

22.2 Termination for Convenience of Associate

Associate at its convenience may request for termination of contract, clearly assigning the reason for such request. TP Odisha Discom has full right to accept, reject or partially accept such request. However, associate shall continue its supply as per contract till final approval is given to associates for such termination.

22.3 Termination for Convenience of respective discoms under TP Odisha Discom

TP Odisha Discom at its sole discretion may terminate the contract by giving 30 days prior notice in writing or through email to the Associate. The respective discoms under TP Odisha Discom shall pay the Associate for all the supplies/ services rendered till the actual date of contract termination against submission of invoice by the Associate to that effect.

22.4 Work Instruction – Process for Sending Business Associates on Holiday

To implement a system for putting BA on holiday due to non-performance, unethical practices etc.

TP Odisha Discom reserves the right to put BA on holiday/ after which it can be reconsidered for reinstatement as per table below:

S. No.	Reason for putting BA on holiday	Period of holiday
1	Ethical grounds	Permanent
2	Quality	A period from 2 to 5 years depending upon the seriousness of the lapse on BA part
3	Safety	A period from 2 to 5 years depending upon the seriousness of the lapse on BA part
4	Non Performance	A period from 2 to 5 years depending upon the seriousness of the lapse on BA part
5	Any other	The period depending upon the seriousness of the lapse on BA part

The aforesaid table is also applicable for running orders

23.0 DISPUTE RESOLUTION & ARBITRATION

In case of any dispute or difference the parties shall endeavour to resolve the same through conciliatory and amicable measures within 15 Days failing which the matter may be referred by either

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 23 of 51

party for resolution by the sole arbitrator to be appointed mutually by both the parties. Thearbitral proceedings shall be conducted in accordance with Arbitration and Conciliation Act 1996and the place of arbitration shall be Bhubaneswar. The language to be used at proceedings shallbe English and the award of the arbitrator shall be final and binding on the parties. The parties shall bear their respective costs of arbitration. The associate shall continue to discharge its obligations towards due performance of the works as per the terms of the contract during the

arbitration proceedings unless otherwise directed in writing by the concerned TP Odisha Discom or suspended by the arbitrator. Further, respective TP Odisha Discom shall continue making such payments as may be found due and payable to the associate for such works.

23.1 Governing Laws and Jurisdiction

The parties shall be subject to the jurisdiction of the courts of

- a) law in Bhubaneswar and any matter arising here from shall be subject to applicable law in force in India for TPCODL.
- b) law in Balasore and any matter arising here from shall be subject to applicable law in force in India for TPNODL.
- c) law in Berhampur and any matter arising here from shall be subject to applicable law in force in India for TPSODL.
- d) law in Sambalpur and any matter arising here from shall be subject to applicable law in force in India for TPWODL.

24.0 ATTRIBUTES OF GCC

24.1 Cancellation

The Company reserves the right to cancel, add, delete at its sole discretion, all or any terms of this GCC or any contract, order or terms agreed between the parties in pursuance without assigning any reasons and without any compensation to the Associates.

24.2 Severability

If any portion of this GCC is held to be void, invalid, or otherwise unenforceable, in whole or part, the remaining portions of this GCC shall remain in effect.

24.3 Order of Priority

In case of any discrepancies between the stipulations in General Conditions of the Contract (GCC) and Special Conditions of Contract (SCC), the GCC shall stand superseded by the SCC to the extent stipulated hereinabove while balance portion of respective clauses of GCC shall continue to be applicable.

25.0 ERRORS AND OMISSIONS

The Associate shall be responsible for all discrepancies, errors and omissions in the drawings, documents or other information submitted by him, irrespective of whether these have been approved, reviewed or otherwise accepted by the TP Odisha Discom or not. However any error in design/drawing arising out of any incorrect data/written information from TP Odisha Discom will not be considered as error and omissions on part of the Associate.

26.0 TRANSFER OF TITLES

The title of ownership and property to all equipment, materials, drawings & documents shall pass to the TP Odisha Discom on acceptance of material by store/site after Inspection.

However, such passing of title of ownership and property to the TP Odisha Discom shall not in any way absolve, dilute or diminish the responsibility and obligations of the Associate under this Contract

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 24 of 51

including loss or damages and all risks, which shall vest with the Associate.

27.0 INSURANCE

The Contractor shall take out the Insurance Policies which shall cover all risks including the following, as applicable:-

- a) The value of the policy shall cover the total value of all the items till they are handed over to the respective discom under TP Odisha Discom.
- b) The respective discom under TP Odisha Discom shall be the principal holder of the policy. The Associate shall be the loss payee under the policy. Associate / Sub-contractor of the Associate shall not be holders or beneficiaries in the policy nor shall they be named in the policy. The respective discom under TP Odisha Discom reserves the exclusive right to assign the policy.
- c) While the payment of premium may be phased in agreement with the insurance company, at no time shall goods and services required to be provided by the associate shall remain uninsured in accordance with (a) above.
- d) A copy of the Insurance policy shall be made available to The respective discom under TP Odisha Discom prior to first dispatch lot of any Equipment and policy shall be kept alive and valid at all times up to the stage of final acceptance.
- e) The respective discom under TP Odisha Discom reserves the right to take out whatever policy that is deemed necessary by him if the associate fails to keep the said policy alive and valid at all times and/or causes lapses in payment of premium thereby jeopardizing the said policy. The cost of such policy(s) shall be recovered / deducted from the amount payable to the associate.
- f) The policy shall ensure that the respective discom's decision under the respective discom under TP Odisha Discom regarding replacement of goods damaged, lost or rendered unusable shall be final.

In all cases, the associate shall lodge the claims with the underwriters and also settle the claims and shall also notify TP Odisha Discom of any filed claims. However, the associate shall proceed with the repairs and/or replacement of the equipment/components without waiting for the settlement of the claims. In case of seizure of materials by concerned authorities, the associate shall arrange prompt release against bond, security or cash as required. TP Odisha Discom, upon request by the associate, will extend all reasonable assistance to the associate in such a case.

All the insurance claims shall be processed and settled by the associate and the missing/damaged items shall be replaced/repared by them without any extra cost to the respective discom under TP Odisha Discom and without affecting the completion time.

28.0 SUGGESTIONS & FEEDBACK

We welcome all our Business Associates to write to us about their experience with TP Odisha discom; be it our Company, our services or our people. Each and every concern, issue, query and suggestion from you will help us to become a better company to work with and shall help us develop a strong bonding of trust and a long term relationship with you.

You may send your feedback to HOD / Head Contracts by filling up our Business Associate Feedback Form enclosed herewith as *Annexure-I*.

29.0 CONTACT POINTS

In case Business Associate needs information with respect to payments or has any grievances, he may contact to HOG / HoD-Contracts, Head / Chief -Contracts and Finance.

30.0 LIST OF ANNEXURES

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 25 of 51

S. No.	Subject	Annexure
1.	Performa for Bid Security Bank Guarantee	A
2.	Performa for Performance Bank Guarantee (CP cum EP)	B
3.	Performa for No Demand Certificate by Associate	C
4.	Performa For Application For Issuance of Consolidated TDS Certificate	D
5.	Business Associate Feedback Form	E
6.	Acceptance Form For Participation In Reverse Auction Event	F
7.	Form for RTGS Payment	G
8.	Vendor Appraisal Form	H
9.	Manufacturer Authorization Form	I
10	TATA Code of conduct (TCoC)	J
11	ESG FRAMEWORK FOR BUSINESS ASSOCIATES	K

ANNEXURE-A

PROFORMA FOR BID SECURITY BANK GUARANTEE

A. Applicable for Central Contracts (CCG) & TPCODL's Tenders

**The TP Central Odisha Distribution Limited
Bhubaneswar**

B. Applicable for TPNODL's Tenders

**TP Northern Odisha Distribution Limited,
Balasore**

C. Applicable for TPSODL's Tenders

**The TP Southern Odisha Distribution Limited,
Berhampur**

D. Applicable for TPWODL's Tenders

**TP Western Odisha Distribution Limited
Burla**

WHEREAS, (Name of the Bidder) _____
(hereinafter called "the BIDDER") has submitted his bid dated _____ for the (Name of Contract) (hereinafter called "the BID").

KNOW ALL men by these presents we (Name of the Bank) _____ of (Name of the Country) _____ having our registered office at _____ (hereinafter called "the BANK") are bound unto The TP Central Odisha Distribution Limited (TPCODL) in the sum of _____ for which payment well and truly to be made to the TPCODL the Bank binds himself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20____. The

CONDITIONS of this obligation are:

- i) If the Bidder withdraws his Bid during the period of bid validity specified in the Proforma of Bid or
- ii) If the Bidder having been notified of the acceptance of his Bid by the TPCODL during the period of bid validity fails or refuses to furnish the Contract Performance Bank Guarantee, in accordance with the Instructions to Bidders.

We undertake to pay the TPCODL up to the above amount upon receipt of its first written demand, provided that in its demand the TPCODL will note that amount claimed by it is due to it owing to the occurrence of one or both conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date (No of days as mentioned in tender enquiry) days after the closing date of submission of bids as stated in the Invitation to Bid or as extended by you at any time prior to this date, notice of which extension to the Bank being hereby waived, and any demand in respect thereof should reach the Bank not later than the above date.

DATE

SIGNATURE OF THE BANK

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 27 of 51

WITNESS

.....

(Signature, Name & Address) (At least 2 witnesses)

SEAL

.....

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 28 of 51

ANNEXURE- B

PROFORMA FOR PERFORMANCE BANK GUARANTEE (CP cum EP)

(On Rs.100/- Stamp Paper) Note:

- a) Format shall be followed in toto
- b) Claim period of six month must be kept up
- c) The guarantee to be accompanied by the covering letter from the bank confirming the signature to the guarantee

The TP Central Odisha Distribution Limited

Bhubaneswar

CP cum EP BG No.....

Order/Contract No.....dated.....

1. You have entered into a Contract No _____ with M/s. _____
(hereinafter referred to as "the Vendor") for the supply cum erection / civil work of _____
(hereinafter referred to as "the said Equipment")
for the price and on the terms and conditions contained in the said contract.
2. In accordance with the terms of the said contract, "the Vendor" agreed to furnish you with an irrevocable, unconditional and acceptable bank guarantee for 10% of the value of contract and to be valid till the end of Guarantee period plus one month towards "Contract cum Equipment performance". For this purpose you have agreed to accept the guarantee.
3. In consideration thereof, we, _____
hereby irrevocably and unconditionally guarantee to pay to you on demand but in any case before the end of five working days from the date of the claim and without demur and without reference to "the Vendor" such amount or amounts not exceeding the sum of
Rs. _____ (Rupees _____ only) being _____ % (_____ percent) of the total value of the contract on receipt of your intimating that "the Vendor" has not fulfilled his contractual obligations. You shall be the sole judge for such non-fulfillment and "the Vendor" shall have no right to question such judgment.
4. You shall have the right to file / make your claim on us under BG Validity for a **further period of six months** from the date of expiry.
5. This guarantee shall not be revoked without express consent and shall not be affected by your granting time or any other indulgence to "the Vendor", which shall include but not be limited to, postponement from time to time of the exercise the same in you or any right which you may have against "the Vendor" and to exercise the same in any covenant contained or implied in the said contract or any other course or remedy or security available to you, and our Bank shall not be released from its obligations under this guarantee by your exercising any of your rights with reference to matters aforesaid or any of them or by reason of any other act or forbearance or other acts of omission or commission on your part or any other indulgence shown by you or by any other matter or thing whatsoever which under the law would, but for this provision have the effect of relieving our bank from its obligation under this guarantee.
6. We also agree that you shall be entitled at your option to enforce this guarantee against our bank as a principal debtor, in the first instance, notwithstanding any other security or guarantee that you may have in relation to "the Vendor's" liabilities in respect of the premises
7. This guarantee shall not be affected by any change in the constitution of our Bank or "the

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 29 of 51

Vendor" or for any other reason whatsoever.

8. Any claim / extension under the guarantee can be lodge-able at outstation banks or at - _____, Bhubaneswar branch(for TPCODL) / Balasore Branch (For TPNODL) / Berhampur Branch (TPSODL) / Sambalpur (TPWODL) and claim will also be payable at _____
- e) Bhubaneswar Branch (to be confirmed by Bhubaneswar Branch by a letter to that effect in case BG is from the branch outside Bhubaneswar) – **applicable for TPCODL.**
- f) Balasore Branch (to be confirmed by Bhubaneswar Branch by a letter to that effect in case BG is from the branch outside Balasore) – **applicable for TPNODL.**
- g) Berhampur Branch (to be confirmed by Bhubaneswar Branch by a letter to that effect in case BG is from the branch outside Berhampur) – **applicable for TPSODL.**
- h) Sambalpur Branch (to be confirmed by Bhubaneswar Branch by a letter to that effect in case BG is from the branch outside Sambalpur) – **applicable for TPWODL.**
9. Notwithstanding anything herein contained, our liability under this guarantee is limited to Rs. _____ (Rupees _____) only and the guarantee will remain in force upto and including _____(Date) and shall be extended from time to time for such period or period as may be desired by "the Vendor".
10. Unless a demand or claim under this guarantee is received by us in writing within one months from _____(expiry date) i.e. on or before _____(claim period end date), we shall be discharged from all liabilities under this guarantee thereafter.
- Dated at _____ this _____ day of _____ 20 ____

Bank's rubber stamp

1. Banks full address

Designation of Signatory

2. Bank official number

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 30 of 51

ANNEXURE-C

PROFORMA FOR “NO DEMAND CERTIFICATE” BY ASSOCIATE

(On Company's Letter head or with Company Seal)

(To be submitted by the Associate to respective TP Odisha Discom's Accounts Department at the time of receipt of full and final payment)

(Certificate No. CCP/002)

Name of the Project Order/

Contract No.

Dated

Name of the Associate Scheme No.

/ Job No.

We, M/s. _____ (Associate) do hereby acknowledge and confirm that we have received the full and final payment due and payable to us from _____ (TPCODL / TPNODL / TPSODL / TPWODL), in respect of our aforesaid Order No _____ dated _____

including amendments, if any, issued by _____ (TPCODL / TPNODL / TPSODL / TPWODL), to our entire satisfaction and we further confirm that we have no claim whatsoever pending with _____ (TPCODL / TPNODL / TPSODL / TPWODL), under the said contract / W.O.

Notwithstanding any protest recorded by us in any correspondence, documents, measurement books and / or final bills etc., we waive all our rights to lodge any claim or protest in future under this contract.

We are issuing this “NO DEMAND CERTIFICATE” in favour of _____ (TPCODL / TPNODL / TPSODL / TPWODL), with full knowledge and with our free consent without any undue influence, misrepresentation, coercion etc.

Place

Name

(Company Seal)

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 31 of 51

ANNEXURE-D

**PROFORMA FOR APPLICATION FOR ISSUANCE OF CONSOLIDATED TDS
CERTIFICATE**

To be printed on the letterhead. Please tick (✓) on concerned Discom

To,

The TP Central Odisha Distribution Limited

☐

Bhubaneswar

or

The TP Northern Odisha Distribution Limited

☐

Balasore

or

The TP Southern Odisha Distribution Limited

☐

Berhampur

or

The TP Western Odisha Distribution Limited

☐

Sambalpur

Sub: Application for issuance of Consolidated TDS Certificate for the FY _____

Dear Sir,

I / we hereby request / authorize you to issue me / us a consolidate TDS Certificate for the financial year _____ against tax deducted at source by you from my / our payments / bills during the said year from time to time under Chapter XVII – B of the Income Tax Act, 1961. For and on behalf of

Signature

Name

Address

Contact No. (Land Line)

(Mobile)

PAN #

Assessing authority

ATTACH THE COPY OF PAN CARD

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 32 of 51

ANNEXURE-E

BUSINESS ASSOCIATE FEEDBACK FORM

With an objective to improve our internal processes and systems, and serve you better, we solicit your valuable feedback & suggestions. It is estimated that it will take about 10 minutes to complete this survey. We assure you that your feedback shall be kept confidential. Please send the duly filled feedback form in the "_____ (TPCODL / TPNODL / TPSODL / TPWODL) addressed - attached envelop"

You are associated with us as

☐ OEMs ☐ Service Contractor ☐ Material Suppliers ☐ Material & Manpower Supplier

You are associated with us for

☐ Less than 1 year ☐ More than 1 year but less than 3 years ☐ More than 3 years

Your office is located at

☐ Bhubaneswar ☐ Within 200 kms from Bhubaneswar ☐ More than 200 kms from Bhubaneswar

Your nearly turnover with "_____ (TPCODL / TPNODL / TPSODL / TPWODL)

☐ Less than 25 Lacs ☐ 25 Lacs to 1 Crore ☐ More than 1 Cr.

Additional Information

Your Name	
Your Designation	
Your Organization	
Contact Nos.	
Email	

We once again thank you for your participation in this survey. Please spare 10 minutes to give your feedback on following pages (Section A to E)

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 33 of 51

SECTION – A

(Please ✓ mark in the relevant box and give your remarks / suggestions / information for our improvement).

Discom Name:- _____(TPCODL/TPNODL/TPSODL/TPWODL)

S. No.	Parameters	1	2	3	4	5	Remarks/ Suggestion
		Do Not Agree	Slightly in Agreement	In Fair Agreement	Mostly in Agreement	Fully Agree	
1	You receive all relevant queries / tenders from us in timely manner.						
2	We provide you enough lead time to respond to our queries / tenders.						
3	We provide you adequate support (drawings, documents, clarifications, briefing etc.) to enable you meet our requirements.						
4	All following elements of our contract / purchase order are rational :						
4.1	Scope of Work						
4.2	Delivery / Execution Schedule						
4.3	Payment Terms						
4.4	Liquidated Damages						
4.5	Performance Guarantee						
5	Our purchase orders / contracts are simple, specific & easy to understand						
6	Discom demonstrate willingness to be flexible in administration of Contract / Purchase Order						
7	We provide timely responses / clarifications to your queries						
8	Discom representative you interact / coordinate with is adequately empowered to support you in meeting contractual obligations						
9	Discom provide you all necessary infrastructure support for timely and quality completion of work (including AMC)						
10	Discom Engineer-in-Charge timely certifies the jobs executed/ material supplied						
11	Discom Engineer-in-Charge efficiently supervises the job execution for timely completion of job						
12	BIRD (Bill Inward Receipt Desk) initiative has improved payment disbursement process						

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 34 of 51

S. No.	Parameters	1	2	3	4	5	Remarks/ Suggestion
		Do Not Agree	Slightly in Agreement	In Fair Agreement	Mostly in Agreement	Fully Agree	
13	Our approach for Inspection and Quality Assurance effective to expedite project completion?						
14	Discom never defaults on contractual terms						
15	In Discom Contracts closure is done within set time limit						
16	Our material receiving procedures are well defined and efficiently deployed to reduce mutual inconvenience						
17	Bank Guarantees are released in time bound manner						
18	Our processes related to payment / account settlement are effective.						
19	You get payments on time						
20	Discom Employees follow Ethical behaviour						

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS		
Rev. No	0		Page 35 of 51

SECTION – B

SECTION – B (Please rate the following parameters on a scale of 1 to 5, where 1 - Minimum; 5 - Maximum); Discom Name: - _____(TPCODL/ TPNODL/ TPSODL/ TPWODL)

S. No.	Parameters	1	2	3	4	5	Remarks/ Suggestion
1	How do you rate courtesy/ empathy/ attitude level and warmth of Discom employees you interact with from following team?						
1.1	Project Engineering						
1.2	District / Zones						
1.3	Projects/HOG (TS &P)						
1.4	Inspection & Quality Assurance						
1.5	Stores						
1.6	Metering & Billing						
1.7	Accounts / Finance						
1.8	Administration						
1.9	IT & Automation						
2	How would you rate Discom in comparison to your other clients in terms of fairness of treatment and transparency with its Business Associates?						
3	How would you rate Discom in comparison to your other clients in terms of processes and systems to manage partnership with its Business Associates						
4	How would you rate Discom in comparison to your other clients in terms of building long term & mutually relationship with its Business Associates						

SECTION – C

Please ✓ mark in the relevant box and give your remarks / suggestions / information for our improvement.
Discom Name:- _____(TPCODL/ TPNODL/ TPSODL/ TPWODL)

S. No.	Parameters	Certain ly No	Probably No	Certainly Yes	Probably Yes	Remarks/ Suggestion
1	Based on your experience with Discom would you like to continue your relationship with Discom ?					
2	If someone asks you about Discom ? would you talk "positively" about Discom :					
3	Would you refer companies under Discom name to others in your community, fraternity and society as a professional & dynamic organization?					

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 36 of 51

SECTION - D

If we ask you to rate us on a scale of 1 to 10, how will you rate (TPCODL/ TPNODL/ TPSODL/ TPWODL), that truly represents your overall satisfaction with us (please tick appropriate box) -

1	2	3	4	5	6	7	8	9	10
---	---	---	---	---	---	---	---	---	----

SECTION - E

Please ✓ mark in the relevant box and give your remarks / suggestions / information for our improvement.

Please spare your thoughts for TP Odisha Discom's improvement in particular areas of weaknesses, particularly relating to some great practices, attitudes that you have seen elsewhere in Indian and International Organizations, which you recommend TP Odisha Discom to adopt. Please give your valuable salient recommendations.

Please spare your thoughts for _____ (TPCODL/ TPNODL/ TPSODL/ TPWODL) improvement in particular areas of major concerns for you. We also welcome your suggestions to adopt any best practices, attitudes that you

Recommendation	Please tick (✓) your top 5 expectations out of the following 10 points listed below -	
(Please list down improvement you expect from TPCODL)	Timely payment	
1	Flexibility in Contracts/PO	
	Clarity in PO,s & Contracts	
2	Timely response to quarries	
	Timely certification of works executed	
3	Clarity in Specs, drawings, other docs etc.	
	Adequate information provided on website for tender notification, parties qualified etc.	
4	Timely receipt of material at site for execution	
	Performance Guarantee/EMD released intime	
5	Inspection & quality assurance support for timely job completion	

We thank you for your time and courtesy!!

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 37 of 51

ANNEXURE-F

ACCEPTANCE FORM FOR PARTICIPATION IN REVERSE AUCTION EVENT

(To be signed and stamped by the bidder prior to participation in the auction event)

In a bid to make our entire procurement process more fair and transparent, TP Odisha Discom intends to use the reverse auctions through SAP-Ariba tool as an integral part of the entire tendering process. All the bidders who are found as technically qualified based on the tender requirements shall be eligible to participate in the reverse auction event.

The following terms and conditions are deemed as accepted by the bidder on participation in the bid event:

1. TP Odisha Discom shall provide the user id and password to the authorized representative of the bidder. (Authorization Letter in lieu of the same shall be submitted along with the signed and stamped Acceptance Form).
2. TP Odisha Discom will make every effort to make the bid process transparent. However, the award decision by TP Odisha Discom would be final and binding on the supplier.
3. The bidder agrees to non-disclosure of trade information regarding the purchase, identity of TP Odisha Discom, bid process, bid technology, bid documentation and bid details.
4. The bidder is advised to understand the auto bid process to safeguard themselves against any possibility of non-participation in the auction event.
5. In case of bidding through Internet medium, bidders are further advised to ensure availability of the entire infrastructure as required at their end to participate in the auction event. Inability to bid due to telephone line glitch, internet response issues, software or hardware hangs, power failure or any other reason shall not be the responsibility of TP Odisha Discom.
6. In case of intranet medium, TP Odisha Discom shall provide the infrastructure to bidders. Further, TP Odisha Discom has sole discretion to extend or restart the auction event in case of any glitches in infrastructure observed which has restricted the bidders to submit the bids to ensure fair & transparent competitive bidding. In case an auction event is restarted, the best bid as already available in the system shall become the start price for the new auction.
7. In case the bidder fails to participate in the auction event due any reason whatsoever, it shall be presumed that the bidder has no further discounts to offer and the initial bid as submitted by the bidder as a part of the tender shall be considered as the bidder's final no regret offer. Any offline price bids received from a bidder in lieu of non-participation in the auction event shall be outrightly rejected by TP Odisha Discom.
8. The bidder shall be prepared with competitive price quotes on the day of the bidding event.
9. The prices as quoted by the bidder during the auction event shall be inclusive of all the applicable taxes, duties and levies and shall be FOR at _____ (TPCODL/TPNODL/TPSODL/TPWODL) under TP Odisha Discom site.
10. The prices submitted by a bidder during the auction event shall be binding on the bidder.
11. No requests for time extension of the auction event shall be considered by TP Odisha Discom.
12. The original price bids of the bidders shall be reduced on pro-rata basis against each line item based on the final all-inclusive prices offered during conclusion of the auction event for arriving at Contract amount.
13. Even after RA TP Odisha Discom reserves the right to negotiate further to optimize the prices in case Centralized Contract Group are unable to arrive at their benchmarked price or tender committee decided price.

Signature & Seal of the Bidder

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 39 of 51

Name of the Authorized Signatory: _____ :

Contact Person's Name:

Official Correspondence Address:

We confirm that we will bear the charges, if any, levied by our bank for the credit of NEFT/RTGS amounts in our account. Any change in above furnished information shall be informed to _____ (TPCODL/ TPNODL/ TPWODL/ TPSODL) well in time at our own. Further, we kept aforesaid Odisha Discom indemnified for any loss incurred due to wrong furnishing of above information.

Thanking you,

For _____

**(Authorised Signatory) (Signature
with Rubber Stamp)**

Certification from Bank:

We confirm that we are enabled for receiving NEFT/RTGS credits and we further confirm that the account number (specify Bank a/c no.) of (Please mention here name of the account holder), the signature of the authorised signatory and the MICR and IFSC Code of our branch mentioned above are correct.

This also is certified that the above information is correct as per Bank record

(Manager's/ Officers Signature under Bank Stamp)

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 40 of 51

ANNEXURE-H
VENDOR APPRAISAL FORM

TO BE SUBMITTED BY VENDOR (To be filled as applicable)			
VENDOR:			
1.0	DETAILS OF THE FIRM		
	1.1	NAME (IN CAPITAL LETTERS)	:
	1.2	TYPE OF CONCERN (PROPRIETARY) Partnership, Pvt. Ltd., Public Ltd. etc.	:
	1.3	YEAR OF ESTABLISHMENT	:
	1.4	LOCATION OF OFFICE POSTAL ADDRESS TELEGRAPHIC ADDRESSES, TELEX NO. FAX NO.	:
	1.5	LOCATION OF MANUFACTURING UNITS	:
		i) UNITS 1	:
		ii) OTHER UNITS	:
2.0	PRODUCTS MANUFACTURED		
3.0	TURNOVER DURING THE LAST 3 YEARS (TO BE VERIFIED WITH THE LATEST PROFIT & LOSS STATEMENT).		
4.0	VALUE OF FIXED ASSETS		
5.0	NAME & ADDRESS OF THE BANKERS		
6.0	BANK GUARANTEE LIMIT		
7.0	CREDIT LIMIT		
8.0	TECHNICAL		
	8.1	NO. OF DESIGN ENGINEERS (INDICATE NO. OF YEARS EXPERIENCE IN RELATED FIELDS)	:
	8.2	NO. OF DRAUGHTS MEN	:
	8.3	COLLABORATION DETAILS (IF ANY)	:
		8.3.1 DATE OF COLLABORATION	:
		8.3.2 NAME OF COLLABORATOR	:
		8.3.3 RBI APPROVAL DETAILS	:
		8.3.4 EXPERIENCE LIST OF COLLABORATOR	:
		8.3.5 DURATION OF AGREEMENT	:
	8.4	AVAILABILITY OF STANDARDS / DESIGN PROCEDURES / COLLABORATOR'S /	:

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 41 of 51

		DOCUMENTS (CHECK WHETHER THESE ARE LATEST/CURRENT	
	8.5	TECHNICAL SUPPORT, BACK-UP GUARANTEE, SUPERVISION, QUALITY CONTROL BY COLLABORATOR (WHEREVER ESSENTIAL). (THIS CLAUSE IS RELEVANT WHEN VENDOR'S EXPERIENCE IS INADEQUATE)	:
	8.6	QUALITY OF DRAWINGS	:
9.0	MANUFACTURE		
	9.1	SHOP SPACE, LAYOUT LIGHTING, VENTILATION, ETC.	:
	9.2	POWER (KVA)	:
		MAINS INSTALLED	:
		UTILIZED	:
		STANDBY POWER SOURCE	:
	9.3	MANUFACTURING FACILITIES (ATTACH LIST OF EQUIPMENT AS APPLICABLE)	:
	9.3.1	MATERIAL HANDLING	:
	9.3.2	MACHINING	:
	9.3.3	FABRICATION	:
	9.3.4	HEAT TREATMENT	:
	9.3.5	BALANCING FACILITY	:
	9.3.6	SURFACE TREATMENT PRIOR TO PAINTING/ COATING, POLISHING, PICKLING, PASSIVATION, PAINTING, ETC.	:
	9.4	SUPERVISORY STAFF	:
	9.5	ADEQUACY OF SKILLED LABOURS (MACHINISTS, WELDERS, ETC.)	:
	9.6	NO. OF SHIFTS	:
	9.7	TYPE OF MATERIAL HANDLED (SUCH AS CS, SS, ETC.)	:
	9.8	WORKMANSHIP	:
	9.9	MATERIAL IN STOCK AND VALUE	:
	9.10	TRANSPORT FACILITIES	:
	9.11	CARE IN HANDLING	:
10.0	INSPECTION / QC / QA / TESTING		
	10.1	NUMBER OF PERSONNEL (INDICATE NO. OF YEARS OF EXPERIENCE)	:
	10.2	INDEPENDENCE FROM PRODUCTION	:

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 42 of 51

	10.3	AVAILABILITY OF PROCEDURAL WRITE UP/QUALITY PLAN	:
	10.4	INCOMING MATERIAL CONTROL AND DOCUMENTATION	:
	10.5	RELIABILITY/REPUTATION OF SUPPLY SOURCES	:
	10.6	STAGE INSPECTION AND DOCUMENTATION	:
	10.7	SUB-ASSEMBLY & DOCUMENTATION	:
	10.8	FINAL INSPECTION AND DOCUMENTATION	:
	10.9	PREPARATION OF FINAL DOCUMENTATION PACKAGE	:
	10.10	TYPE TEST FACILITIES	:
	10.11	ACCEPTANCE TEST FACILITIES	:
	10.12	CALIBRATION OF INSTRUMENTS AND GAUGES (WITH TRACEABILITY TO NATIONAL STANDARDS) (ATTACH LIST)	:
	10.13	STATUTORY APPROVALS LIKE BIS, IBR, ETC.(AS APPLICABLE)	:
	10.14	SUB-VENDOR APPROVAL SYSTEM AND QUALITY CONTROL	:
	10.15	DETAILS OF TESTS CARRIED OUT AT INDEPENDENT RECOGNIZED LABORATORIES	:
		i) FURNISH LIST OF TESTS CARRIED OUT AND THE NAME OF THE LABORATORY WHERE THE TESTS WERE CONDUCTED	:
		ii) CHECK AVAILABILITY OF CERTIFICATES AND REVIEW THESE WHEREVER POSSIBLE	:
11.0	EXPERIENCE (INCLUDING CONSTRUCTION / ERECTION / COMMISSIONING) TO BE FURNISHED IN THE FORMAT INDICATED IN APPENDIX)		:
12.0	SALES, SERVICE AND SITE ORGANIZATIONAL DETAILS		:
13.0	CERTIFICATE FROM CUSTOMERS (ATTACH COPIES OF DOCUMENTS)		:
14.0	POWER SITUATION		:
15.0	LABOUR SITUATION		:
16.0 *	APPLICABILITY OF SC/ST RELAXATION (Y/N) IF YES, SUPPORTING DOCUMENTS TO BE ATTACHED		
17.0	ORGANIZATIONAL DETAILS 1. PF NO 2. ESI NO 3. INSURANCE FOR WORK MAN COMPENSATION ACT NO 4. ELECTRICAL CONTRACT LIC NO 5. ITCC / PAN NO 6. SALES TAX NO 7. WC TAX REG. NO		:
18.0	DOCUMENTS TO BE ENCLOSED:		

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 43 of 51

	1. FACTORY LICENSE 2. ANNUAL REPORT FOR LAST THREE YEARS 3. TYPE TEST REPORT FOR THE ITEM 4. PAST EXPERIENCE REPORTS 5. ISO CERTIFICATE –QMS, EMS, OHAS, SA 6. REGISTRATION OF SALES TAX 7. COPY OF TIN NO. 8. COPY OF SERVICE TAX NO. 9. REGISTRATION OF CENTRAL EXCISE 10. COPY OF INCOME TAX CLEARANCE. 11. COPY OF PF REGISTRATION 12. COPY OF ESI REGISTRATION 13. COPY OF INSURANCE FOR WORK MAN COMPENSATION ACT NO 14. COPY OF ELECTRICAL CONTRACT LIC NO 15. COPY OF PAN NO 16. COPY OF WC TAX REGISTRATION 17. DOCUMENTS IN SUPPORT OF SC/ST RELAXATION AT S.NO.16.0 18. GSTN CERTIFICATE	
--	--	--

*** Classification of BA s under SC/ST shall be governed under following guidelines:**

- **Proprietorship/ Single Ownership Firm:** Proprietor of the firm should be from SC/ST, Women from marginalized communities & Persons with Disabilities community. Governing document shall be Proprietorship Deed.
- **Partnership Firm:** Only such firms shall qualify which have SC/ST, Women from marginalized communities & Persons with Disabilities partners holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Partnership Deed.
- **Private Limited Company:** Only such firms shall qualify which have SC/ST, Women from marginalized communities & Persons with Disabilities directors holding equal to or more than 50% of the total ownership pattern of the firm. Governing document shall be Memorandum of Understanding (MoU) and/or Article of Association(AoA).

NOTE: Certification from SC/ST Commission shall be required for deciding upon SC/ST status of a person and govt certificates required for Women from marginalized communities & Persons with Disabilities

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 44 of 51

ANNEXURE-I

MANUFACTURER AUTHORIZATION FORM

(To be submitted on OEM's Letter Head)

Date:

Tender Enquiry No.:

To,

Chief (Procurement & Stores)

The TP Central Odisha Distribution Limited,
Bhubaneswar

Sir,

WHEREAS M/s. [name of OEM], who are official manufacturers ofhaving factories at [address of OEM] do hereby authorize M/s [name of bidder] to submit a Bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the following Goods, manufactured by us

.....and to subsequently negotiate and sign the Contract.

We hereby extend our full guarantee and warranty in accordance with the Special Conditions of Contract or as mentioned elsewhere in the Tender Document, with respect to the Goods offered by the above firm in reply to this Invitation for Bids.

We hereby confirm that in case, the channel partner fails to provide the necessary services as per the Tender Document referred above, M/s [name of OEM] shall provide standard warranty on the materials supplied against the contract. The warranty period and inclusion / exclusion of parts in the warranty shall remain same as defined in the contract issued to their channel partner against this tender enquiry.

Yours Sincerely, For

.....

Authorized Signatory

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 45 of 51

Annexure-J

TATA CODE OF CONDUCT (TCoC)

Introducing Tata Code of Conduct (TCoC) in GCC, the following clause is proposed for inclusion as per suggestions from Chief Ethics Counsellor -

“TCoC is the overarching policy framework that applies to all TATA Group companies including TPNODL. TCoC provides for stakeholder-wise approach in each of the seven chapters.

The chapter “Our Value Chain Partners” states the policy as follows:

1. We shall select our suppliers and service providers fairly and transparently.
2. We seek to work with suppliers and service providers who can demonstrate that they share similar values. We expect them to adopt ethical standards comparable to our own.
3. Our suppliers and service providers shall represent our company only with duly authorized written permission from our company. They are expected to abide by the Code in their interactions with, and on behalf of us, including respecting the confidentiality of information shared with them.
4. We shall ensure that any gifts or hospitality received from, or given to, our suppliers or service providers comply with our company's gifts and hospitality policy.
5. We respect our obligations on the use of third party intellectual property and data.

In case any Ethical Concern is faced during the course of your business dealings BA can write to Chief- Contracts & MM and CEO.

TP Odisha Discom is committed to follow Core Values and Core Principles mentioned in TCoC, cited below, in carrying out various activities as well as in discharge of bi-lateral and multi-lateral obligations involving other entities/organizations:

Core Values:

All six core values are already mentioned in GCC.

Core Principles:

1. **Zero tolerance to bribery or corruption** in any form.
2. Committed to **good corporate citizenship**
3. Contribute to the **economic development of the communities** of the countries & regions we operate in.
4. No compromise on **Safety**
5. Our conduct shall be **fair & transparent**
6. Respect the **human rights & dignity** of our stakeholders
7. **No unfair discrimination** of any kind
8. Statements made to stakeholders shall be **truthful** & made in **good faith**
9. Not engage in any restrictive or **unfair trade practice**
10. Provide avenues for our stakeholders to **raise concerns in good faith**
11. Environment **free from fear** of retribution to deal with concerns that are raised
12. Expect the leaders to be **role model**

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 46 of 51

13. Comply with the laws of the countries in which we operate

Gift Policy:

Principles for acceptance of gifts/benefits –

A gift or benefit may be accepted only if it complies with all of the following principles:

- ✓ it does not influence,
- ✓ does not have the potential to influence, an employee in such a way as to compromise or appear to compromise integrity and impartiality
- ✓ does not create a conflict of interest or perception of conflict of interest;

Principles for non-acceptance of gifts/benefits -

The gift or benefit may not be accepted or given if any of the following principles apply:

- ✓ causes the recipient or donor **to act in partial manner** in the course of duty
- ✓ apprehension of the recipient becoming **obligated to the donor**
- ✓ it is **not offered openly**
- ✓ if is an **offer of money** or something readily convertible to money (e.g. Shares)

Violation –

1. Not abiding with this policy would constitute violation of “Our Employees” Stakeholder group Clause “Gifts and Hospitality” of the Tata Code of Conduct (TCoC) 2015. Prompt action will be taken against violations.
 2. Any deviation from this policy must be supported by appropriate rationale and must be duly approved by CEO who is also the Principal Ethics Officer. In any case, in dealing with such deviations, the spirit of the TCoC should in no case be compromised.
2. If it is determined that an employee / associate has violated this policy, appropriate action including termination of the employee’s / associate’s employment or association with TP Odisha Discom may be decided upon.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 47 of 51

Annexure-K

ESG FRAMEWORK FOR BUSINESS ASSOCIATES

TP Odisha Discom's Sustainability philosophy sits at the core of its Business Strategy. TP Odisha Discom Sustainability Model has an overarching objective of 'Leadership with care' with key elements of 'Care for the Environment'; 'Care for the Community'; 'Care for our Customers / Partners' and 'Care for our People'. These sustainability objectives encompass the Environmental, Social and Governance objectives driven as integrated elements.

TP Odisha Discom, together with its stakeholders is determined to achieve sustainable growth while creating shared value for all.

As a part of future ready roadmap, TP Odisha Discom has targeted following as our Environment, Social and Governance priorities:

- Being Carbon Net Zero before 2045
- Growing Clean capacity (80% by 2030)
- Customer centricity
- Becoming water neutral before 2030
- Achieving zero waste to landfill before 2030
- No net loss of biodiversity before 2030
- Positively impacting 80 million lives by 2027

In order to create a sustainable business ecosystem, TP Odisha Discom expects that all its Business Associates (BA) which includes its suppliers, vendors, consultants and service providers to align to its ESG and sustainability commitments.

TP Odisha Discom encourages improved efficiencies and scaling up of green initiatives through technology and innovation taking us farther on the journey of reducing carbon emissions and preparing the entire eco-system towards products and services that would have net positive impact on the environment and communities that we operate in.

The Vendors/ bidders wishing to associate with TP Odisha Discom are expected to share their own sustainability and ESG journey. We at TP Odisha Discom promote all Business Associates to have a sustainable procurement policy for their supplier and service providers to contribute to our integrated approach in achieving a sustainable supply chain. The BA is encouraged to carry out the assessment of their sub-contractors and sub-vendors on sustainability readiness so that they are aware of the expectation/ business requirement.

The Vendor/ Bidder shall fill-in the 'Environment, Social and Governance Compliance Screening Questionnaire for Business Associates' attached at Annexure-I and submit the same along with the Bid in Ariba online platform.

Responsible Supply Chain Management:

TP Odisha Discom is committed for a cleaner environment and respect of Human rights through its Responsible Supply Chain Management policy.

TP Odisha Discom Business Associate (BA) shall comply with all the environment & Human rights related laws, including emission norms, Labour and environmental regulations.

TP Odisha Discom encourages its BA to focus on green design, green supply, green production, green

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 48 of 51

logistics and green packaging in performing their business obligations. The BA is expected to abide by the TP Odisha Discom Corporate Environment policy, Energy Conservation and Corporate Sustainability Policy (enclosed with this document as Annexure-II).

The BA is expected to:

- Strive towards Conservation of Energy, Water, Resources and optimize transportation of Men & Materials to minimize environmental impact and reduce carbon footprint.
- Carry out the assessment of materials used for construction, operation & maintenance, consumables and accordingly phase out those materials which are environmentally hazardous.
- Be cognizant that diversity in the workplace positively impacts business.
- Promote affirmative action by supporting people from SC/ ST background by engaging workforce from SC/ ST community under the contracts agreed herein.
- Share the commitment of 'No child labour', 'No forced labour', Non-discrimination on the basis of caste, colour, religion, gender, disability, maternity or pregnancy or any other factor unrelated to the requirements of the job
- Pay the wages or remuneration to the workforce, personnel deployed in compliance to all applicable laws and regulations.
- Provide its employees/ deployed labor with an employment environment that is free of physical or psychological harassment.
- Carry out the assessment of their Sub-contractors on their Sustainability Readiness so that they are aware of the above expectation/ standards
- To ensure usage of suitable package material which is more environmentally sustainable. Further the packing material shall be recycled to the extent possible. The material used for packing is expected to suit the mode of transport and to ensure its safe receipt at point of delivery.

Waste Disposal:

The BA is expected to follow best practices for disposal of waste, few of which are listed below:

- Have a detailed project plan that includes the waste management, segregation of all designated waste material (Recyclable/ Non-Recyclable), collecting, storing, disposing and transferring the same to pre-arranged facility/ destination in timely and safe manner as per environmental legislations. The project plan shall also include the innovative construction practice to eliminate or minimize waste, protect surface/ground water, control dust and other emissions to air and control noise.
- Have purchase policy to encourage the procurement of material with recycled and minimum packaging of goods during delivery and appropriate means for site-to-site transportation of materials to avoid damage and litter generation.
- Ensure that the residents living near the site are kept informed about proposed working schedule and timings/ duration of any abnormal noise full activity that is likely to happen.
- Ensure the regular maintenance and monitoring of vehicles and equipment for efficient fuel use so that emissions and noise are within acceptable limits to avoid air pollution.

Water Management:

The BA is expected to follow best practices for water management, few of which include a management and monitoring system for water withdrawals and consumption, procedures to reduce water usage or reuse/recycle water, and pretreatment of wastewater before disposal.

Compliance to Law:

The BA shall adhere to responsible business practices and comply with the provision of all the Statutory

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 49 of 51

Acts Applicable. Special attention of the BA is drawn towards the compliance of provision of the following statutes: (along with the latest amendments/additions, as applicable):

- The Child Labour (Prohibition and Regulation) ACT, 1986.
- The Contract Labour (Regulation and Abolition) ACT, 1970.
- The Employee's Pension Scheme, 1995.
- The Employee's Provident Funds and miscellaneous provisions Act, 1952.
- The Employees State Insurance Act, 1948.
- The Equal Remuneration Act, 1976.
- The Industrial Disputes Act, 1947.
- The Maternity Benefit Act, 1961.
- The Minimum Wages Act, 1948.
- The Payment of Bonus Act, 1965
- The Payment of Gratuity Act, 1972.
- The Payment of Wages Act, 1936.
- The Shops & Establishment Act, 1954.
- The Workmen's Compensation Act, 1923.
- The Employer's Liability Act, 1938.
- and any other applicable statutory act

Social Accountability (SA 8000):

TP Odisha Discom expects its BAs to follow guidelines of SA 8000:2014 on the following aspects

- Child Labour
- Forced or Compulsory Labour
- Health & Safety
- Freedom of Association & Right to Collective Bargaining
- Discrimination
- Disciplinary Practices
- Working Hours
- Remuneration
- Management System

Health and Safety

The BA is expected to ensure the health and safety of his and his Sub-contractor's staff and labour. The BA shall, in collaboration with and according to the requirements of the local health authorities, ensure that medical staff, first aid facilities, sick bay and ambulance service are available at the accommodation and on the Site at all times, and that suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics. The BA shall maintain records and make reports concerning health, safety and welfare of persons deployed, and damage to property, as the Owner's Representative may reasonably require. The BA shall be responsible for the medical treatment / hospitalization of his and his Sub-contractor's staff/ labour.

The BA shall appoint a qualified Safety officer at the Site to be responsible for maintaining the safety, and protection against accidents, of all personnel on the Site. Such Safety officer shall have the authority to issue instructions and take protective measures to prevent accidents.

The BA shall comply in toto with the TP Odisha Discom's Contractor Safety Terms & Conditions, Health Safety & Environment Manual while working on TP Odisha Discom's Site/ Services/ Contracts.

Doc. Title	GENERAL CONDITIONS OF CONTRACT FOR SUPPLY ORDERS	
Rev. No	0	Page 50 of 51

Grievance Mechanism

The BA is expected to have grievance procedures that allow stakeholders to anonymously bring environmental and/or work-related violations and/or concerns to the attention of management. In addition, the BA is expected to have procedures for examining reports of environmental and/or work-related violations or concerns and/or privacy complaints.

Data Protection

The BA is expected to have a formal process to address data security or privacy issues.