

## Commercial Pre-Bid Queries

Tender No- TPCODL/P&amp;S/DT/100000

## Rate contract for supply of 11 KV MOBILE SUBSTATION at TPCODL

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL's Response
1	Specification for 500KVA, 11KV/433V Mobile DT Substation- Guarantee	In the event any defect is found by the Purchaser up to a period of 36 months from the date of commissioning or 48 months from the date of last supplies made under the contract, whichever is earlier.	We shall provide warranty up to a period of 24 months from the date of commissioning or 18 months from the date of last supplies made under the contract, whichever is earlier.	<b>Provision under Clause 11 (Guarantee) of our Tender Specification shall prevail.</b>
2	Specification for 500KVA, 11KV/433V Mobile DT Substation- Guarantee	“Bidder shall be liable to undertake to replace/rectify such defects at his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and costs and recover all such expenses plus the Purchaser's own charges (@ 20% of expenses incurred), from the Bidder or from the “ Security cum Performance Deposit” as the case may be. In case of DT fails within the guarantee period the purchaser will immediately inform the bidder who shall take back the failed DT within 15 days from the date of intimation at his own cost and replace / repair the box within forty five days of date of intimation with a roll over guarantee	Bidder shall liable to undertake to replace/rectify such defects at his own cost within mutually agreed timeframe if reson for failure is only attributable to bidder. Rectification/Replacement of distribution transformer shall be envisaged if defects arise within warranty period only due to supplier/bidder. Time period of such replacement shall be mutually discussed.	<b>Provision under Clause 11 (Guarantee) of our Tender Specification shall prevail.</b>
3	Pg. No 8 3.1 Bid Submission Signing of Bid Documents	The bid must contain the name, residence and place of business of the person or persons making the bid and must be signed and sealed by the Bidder with his usual signature.	Considering current situation we are adapting minimum paper transcion. In view of which, please allow us to sign the documents through digital signature format other then hard copy signature.	The relevant Provision of Tender Specification shall prevail.

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4	Pg. No 11 7.1 Special Conditions of Contract	After finalization of tender, Rate Contract shall be issued on successful bidder with a validity period of One Year. Prices shall remain "FIRM" till validity of issued rate contract. Within the validity of rate contract and as per requirement of material, release order shall be issued time to time.	Will the IEMA rule for price change in Raw material is applicable	The relevant Provision of Tender Specification shall prevail.
5	Pg. No 12 7.1. Special Conditions of Contract	Any change in statutory taxes, duties and levies during the contract period shall be borne by TPC	Any statutory variation in taxes & duties shall be applicable as as actual at the time of dispatch	The relevant Provision of Tender Specification shall prevail.
6	Pg. No 14 Annexure - I	The bidder shall complete the appropriate Price Schedules included herein, stating the Unit Price for each item & total price with taxes, duties & freight up to destination at various sites of TPC. The all-inclusive prices offered shall be inclusive of all costs as well as Duties, Taxes and Levies paid or payable during the execution of the supply work, breakup of price constituents.	As per clause 3.3 Price bid and Annexure - I, Note - 4. The unit Ex-Work price should be inclusive of Freight & Insurance. We request to amended the Price Bid with separate coloum for Freight & Insurance. Also, TCS coloum is missing, kindly add it to in amended price bid.	TCS shall be applicable, Bidder need to consider the same while quoting the price except this the relevant Provision of Tender Specification shall prevail.
7	Pg. No 14 Annexure - I	Note: Delivery of material shall be in Odisha and same shall be mentioned in respective release order.	Kindly share store address, this will help to consider Freight amount	Store Address - Central Store, TPCODL, Chowdwar, Cuttack, Odisha. However the ordered materials may have to be delivered in any of the Divisions within the Geographical Jurishdiction of TPCODL in Odisha. Actual destination shall be mentioned in Release Order against the RC.
8	Pg. No 18 Annexure - V	17. Credit rating/ Solvency certificate	We are sharing audit balance sheet and Turnover Certificate in that case is it mandatory to submit Solvency certiifcate or exemption is allow	The relevant Provision of Tender Specification shall prevail.
9	Specification for 500KVA, 11KV/433V Mobile DT Substation 11.0 Guarantee	Bidder shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Purchaser.	Any guarantee beyond guarantee period is not acceptable	The relevant Provision of Tender Specification shall prevail.

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL's Response
10	Pg. No 06 of 44 GCC 5.0 Prices/Rates/taxes	the prices/rates are inclusive of cost of finished product for which MDCC will be issued by TPC, packaging and forwarding charges, freight and transit insurance charges covering loading at Associate's works, transportation to TPC store/site & unloading & delivery at TPC stores/TPC site	Unloading at site/store in TPC Scope	The relevant Provision of Tender Specification shall prevail. The bidder need to consider this while quoting their rates.
11	Pg. No 24 of 44 GCC 27.0 Insurance		In TPC scope	The relevant Provision of Tender Specification shall prevail.
12	Pg. No 06 of 44 GCC 4.0 Scope of Work	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.	Completeness point followed by sub-sequent paragraph is not in LEI scope.	The relevant Provision of Tender Specification shall prevail.
13	Pg. No 11 of 44 GCC 11.2 Facilitating Inspection	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 TPC 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	Our scope is limited to supply of RMU.	The relevant Provision of Tender Specification shall prevail.

Technical Pre-Bid Queries  
TPCODL/P&S/DT/100000028/21-22

Rate contract for supply of 11 KV MOBILE SUBSTATION at TPCODL

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL Response
1	Specification for 500KVA, 11KV/433V Mobile DT Substation	supply and unloading at store/site and performance of <b>Trolley mounted substation</b>	We generally offer fixed compact substation without any trolley	Trolley mounted substation comprising of Transformer, HV and LV switchgear and one LT meter box and space of 1 meter in front of switchgears on trolley for keeping cables or its operations etc. Four wheel trolley platform with fixing attachment to other vehicle for traction.
2	Specification for 500KVA, 11KV/433V Mobile DT Substation	and one LT meter box and space of 1 meter in front of switchgears on trolley for keeping cables or its operations etc	As we generally offer fixed compact substation without any trolley, hence this clause is not applicable	Trolley mounted substation comprising of Transformer, HV and LV switchgear and one LT meter box and space of 1 meter in front of switchgears on trolley for keeping cables or its operations etc. • Four wheel trolley platform with fixing attachment to other vehicle for traction.
3	Specification for 500KVA, 11KV/433V Mobile DT Substation	Meter mounting box provision with glass door and necessary LV CT and voltage connection on terminal block in metering cubicle	Please clarify LT metering is required or HT metering. Glass doors in metering panels are not envisaged.	LT Metering is required with provision of LV CT & Voltage connection on Terminal Block of metering cubicle
4	Specification for 500KVA, 11KV/433V Mobile DT Substation- General Technical Requirement	Trolley with four wheels	We generally offer fixed compact substation without any trolley	Trolley mounted substation comprising of Transformer, HV and LV switchgear and one LT meter box and space of 1 meter in front of switchgears on trolley for keeping cables or its operations etc. • Four wheel trolley platform with fixing attachment to other vehicle for traction.
5	Specification for 500KVA, 11KV/433V Mobile DT Substation- General Technical Requirement	Platform: 6mm plate min	We generally offer platform with 4mm plate minimum	Platform: 6mm plate min
6	Specification for 500KVA, 11KV/433V Mobile DT Substation- General Technical Requirement	Dimension of platform: Width 1.7m	Our standard dimension of platform shall be 2.1	Length of Platform -3Mtr & width -1.7Mtr

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7	Specification for 500KVA, 11KV/433V Mobile DT Substation- General Technical Requirement	With RHS side cable entry provision and Incomer cable box shall be fully accessible for termination	Cable entry shall be front bottom as per standard market practice.	HV standalone Circuit Breaker RMU- 11kV Ring Main Unit. With RHS side cable entry provision and Incomer cable box shall be fully accessible for termination . RMU (Standalone with side cable entry and CB outgoing at rear with top/bottom explosion vent only) – Approved RMU Make – ABB, Schneider, Siemens, EATON, Lucy Electrical, C&S
8	Specification for 500KVA, 11KV/433V Mobile DT Substation- General Technical Requirement	HV RMU shall have standalone circuit breaker having left hand side cable entry accessible after side door opening	Cable entry shall be front bottom as per standard market practice.	HV standalone Circuit Breaker RMU- 11kV Ring Main Unit. With RHS side cable entry provision and Incomer cable box shall be fully accessible for termination . RMU (Standalone with side cable entry and CB outgoing at rear with top/bottom explosion vent only) – Approved RMU Make – ABB, Schneider, Siemens, EATON, Lucy Electrical, C&S
9	Specification for 500KVA, 11KV/433V Mobile DT Substation- Paint Shade	The enclosure for the sub-station shall be painted with shade TPCODL Blue, i.e. PENTON E2727C.	Paint shade shall be as per IS/IEC	The enclosure for the sub-station shall be painted with shade TPCODL Blue, i.e. PENTON E2727C.
10	Specification for 500KVA, 11KV/433V Mobile DT Substation- RMU	Shall be side cable entry type standalone CB with rear outgoing.	Shall be front type RMU with Front bottom cable entry and front bottom outgoing. We shall provide 0+1 ICOG type RMU	HV standalone Circuit Breaker RMU- 11kV Ring Main Unit. With RHS side cable entry provision and Incomer cable box shall be fully accessible for termination . RMU (Standalone with side cable entry and CB outgoing at rear with top/bottom explosion vent only) – Approved RMU Make – ABB, Schneider, Siemens, EATON, Lucy Electrical, C&S
11	Specification for 500KVA, 11KV/433V Mobile DT Substation- RMU	Type Test: EMC Compatibility Test	This report shall be provided for electronic component, however it is not under mandatory type test category.	Type Test: EMC Compatibility Test for the relays & other relays
12	Specification for 500KVA, 11KV/433V Mobile DT Substation- Acceptance Test	Temperature rise test on DT	This test can be performed at transformer OEM factory. Overall CSS is not envisaged to be tested for temperature rise at factory Type test reports for temperature rise shall be submitted separately.	Accepted

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13	Specification for 500KVA, 11KV/433V Mobile DT Substation- Guarantee	In the event any defect is found by the Purchaser up to a period of 36 months from the date of commissioning or 48 months from the date of last supplies made under the contract, whichever is earlier.	We shall provide warranty up to a period of 24 months from the date of commissioning or 18 months from the date of last supplies made under the contract, whichever is earlier.	In the event any defect is found by the Purchaser up to a period of 36 months from the date of commissioning or 48 months from the date of last supplies made under the contract, whichever is earlier.
14	Specification for 500KVA, 11KV/433V Mobile DT Substation- Guarantee	"Bidder shall be liable to undertake to replace/rectify such defects at his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and costs and recover all such expenses plus the Purchaser's own charges (@ 20% of expenses incurred), from the Bidder or from the " Security cum Performance Deposit" as the case may be. In case of DT fails within the guarantee period the purchaser will immediately inform the bidder who shall take back the failed DT within 15 days from the date of intimation at his own cost and replace / repair the box within forty five days of date of intimation with a roll over guarantee	Bidder shall liable to undertake to replace/rectify such defects at his own cost within mutually agreed timeframe if reson for failure is only attributable to bidder. Rectification/Replacement of distribution transformer shall be envisaged if defects arise within warranty period only due to supplier/bidder. Time period of such replacement shall be mutually discussed.	"Bidder shall be liable to undertake to replace/rectify such defects at his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and costs and recover all such expenses plus the Purchaser's own charges (@ 20% of expenses incurred), from the Bidder or from the " Security cum Performance Deposit" as the case may be. In case of DT fails within the guarantee period the purchaser will immediately inform the bidder who shall take back the failed DT within 15 days from the date of intimation at his own cost and replace / repair the box within forty five days of date of intimation with a roll over guarantee
15	Pg. No 4 1.4.3 d. Type Test	Type Test Report for all Equipment from CPRI/ERDA (Type Testing Conducted within last 5 Years) For the involved items.	As per Central Electricity Authority guideline the validity of type test for medium voltage switchgear is for 10 years, attached copy for your referemnce. Furthermore, we confirm that there is no change in offered design.	Accepted.Same should be provided with Lettter head & Stamp.
16	Specification for 500KVA, 11KV/433V Mobile DT Substation 1.0 Scope	design, manufacture, testing at manufacturer's works, packing, forwarding, supply and unloading at site/store	Please confirm unloading at site/store is in TPC scope.	design, manufacture, testing at manufacturer's works, packing, forwarding, supply and unloading at site/store is on scope of Bidder
17	Specification for 500KVA, 11KV/433V Mobile DT Substation 1.0 Scope	The HV Side Switching – 1 Way standalone type CB Ring Main Unit	Kindly clarify cable termiantion requirment front or rear/side cable termination is acceptable. We have MCR type with front cable termination & SABRE with rear/side cable termination	RMU (Standalone with side cable entry and CB outgoing at rear with top/bottom explosion vent only) – Approved RMU Make – ABB, Schneider, Siemens, EATON, Lucy Electrical, C&S

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL Response
18	Specification for 500KVA, 11KV/433V Mobile DT Substation 3.0 Climatic Conditions of Installation of RMU	2.Maximum ambient air temperature 50°C	The Offered RMU is designed for 630A at max ambient temp of +40 Deg C with temperature rise as per relevant IEC. The suitable current derating is applicable at higher temperature.	Accepted
19	Specification for 500KVA, 11KV/433V Mobile DT Substation 5.(b)	HV standalone CB RMU- 11kV Ring Main Unit. With RHS side cable entry provision and Incomer cable box shall be fully accessible for termination connection after opening of side wall trolley	HV standalone CB RMU- 11kV Ring Main Unit. With LHS side cable entry provision as Incomer cable box	RMU (Standalone with side cable entry and CB outgoing at rear with top/bottom explosion vent only) – Approved RMU Make – ABB, Schneider, Siemens, EATON, Lucy Electrical, C&S
20	Specification for 500KVA, 11KV/433V Mobile DT Substation 5.1.5	Termination kits and Boots for RMU and Transformer HT compartment shall be supplied by the bidder as per TPCODL approved make e.g. Raychem or 3M.	Cable Termination boots as per manufacturer standard supply	Termination kits and Boots for RMU and Transformer HT compartment shall be supplied by the bidder as per TPCODL approved make e.g. Raychem or 3M.
21	Specification for 500KVA, 11KV/433V Mobile DT Substation 5.2 RMU	11 kV RING MAIN UNIT:	Kindly Clarify: Type: Indoor/Outdoor Mechanism: Manual/Motorized CT Type: Tape Wound/Resin Cast CT Ratio & Accuracy Class Relay make & model	1) RMU Outdoor type 2) Resin Cast 3) Approved Make Relay-REJ603, C&S CSDPR V2 , VIP400, ( any other make will be subject to TPCODL Approval) 4)CTR-100/1
22	Specification for 500KVA, 11KV/433V Mobile DT Substation 5.1.11 Paint	The enclosure for the sub-station shall be painted with shade TPCODL Blue, i.e. PENTON E2727C.	As per manufacturer standard designed	The enclosure for the sub-station shall be painted with shade TPCODL Blue, i.e. PENTON E2727C.
23	Specification for 500KVA, 11KV/433V Mobile DT Substation 5.1.11 Paint	Sufficient quantity of touch-up paint shall be furnished for application at site.	Please note no separate paint will be supply along with the unit	Sufficient quantity of touch-up paint shall be furnished for application at site.
24	Specification for 500KVA, 11KV/433V Mobile DT Substation 9.0 Pre Dispatch Inspection		Final inspection of the RMU shall be conducted at our Factory. All cost towards the To & Fro, lodging, boarding, local conveyance will have to be borne by TPC.	Accepted

Sr. No.	Clause description	Description as per Bid Document	Bidder Query	TPCODL Response
25	Specification for 500KVA, 11KV/433V Mobile DT Substation 9.0 Pre Dispatch Inspection	Equipment shall be subject to inspection by a duly authorized representative of the TPCODL, Odisha. Inspection may be made at any stage of manufacture at the option of the purchaser and the equipment if found unsatisfactory as to workmanship or material is liable to rejection. Supplier shall grant free access to the places of manufacture to TPCODL's representatives at all times when the work is in progress	Guarantee / Warrantee shall be 36 months from the date of commissioning or 48 months from the date of supply, whichever is earlier. We shall undertake to repair / replace free of cost the products supplied, should it become defective under proper use due to faulty materials or workmanship. However any rectification of a defect caused due to mishandling of the equipments shall be charged extra at actuals to your account. Chain Guarantee / Warranty shall not be applicable. The warranty period for repaired / modified shall not exceed the base warranty period.	1)Equipment shall be subject to inspection by a duly authorized representative of the TPCODL, Odisha. Inspection may be made at any stage of manufacture at the option of the purchaser and the equipment if found unsatisfactory as to workmanship or material is liable to rejection. Supplier shall grant free access to the places of manufacture to TPCODL's representatives at all times when the work is in progress. 2)In the event any defect is found by the Purchaser up to a period of 36 months from the date of commissioning or 48 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 his own costs. within mutually agreed timeframe, and to the entire satisfaction of the Purchaser, failing which the Purchaser will be at liberty to get it replaced/rectified at Bidder's risks and costs and recover all such expenses plus the Purchaser's own charges (@ 20% of expenses incurred), from the Bidder or from the " Security cum Performance Deposit" as the case may be. In case of DT fails <u>within the guarantee period the purchaser will</u>
26	Specification for 500KVA, 11KV/433V Mobile DT Substation 11.0 Guarantee	Bidder shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Purchaser.	Any guarantee beyond guarantee period is not acceptable	Bidder shall further be responsible for 'free replacement' for another period of THREE years from the end of the guarantee period for any 'Latent Defects' if noticed and reported by the Purchaser.