

SL No.	Clause	Description	Queries	TPSODL Reply
1	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 2	RMU 11KV 4Way 630A BKR O/D	Kindly Confirm whether to consider i. 11KV 3way(2LBS+1CB) Non Motorised, Non extensible RMU or ii. 11KV 4way RMU (if 4 way RMU has to be considered, then please specify the configuration of RMU)	Technical Specification to be complied
	Doc No.: ENG-EHV-MPTR-01 Page 2 of 54 Clause 1 : Scope	11KV 3 way RMU		
2	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 3	RMU 33KV 3 Way 630A BKR O/D (4 way)	Kindly Confirm whether to consider i. 33KV 3way(2LBS+1CB) Motorised, Non extensible RMU with Metering Panel or ii. 33KV 4way RMU (if 4 way RMU has to be considered, then please specify the configuration of RMU)	Technical Specification to be complied
	Doc No.: ENG-EHV-MPTR-01 Page 2 of 54 Clause 1 : Scope	33KV 3 way RMU		
3	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 4	33KV, 3core, 300Sqmm, XLPE insulated Cable	Kindly confirm whether to consider i. 3CX300Sqmm 33KV XLPE Cable or ii. 33KV,3C X 50sq mm CU EPR Cable	Technical Specification to be complied
	Doc No.: ENG-EHV-MPTR-01 Page 39 of 54 Clause 5.3.2 : Technical Particulars	33KV, 3C X 50Sqmm EPR Cable		
4	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 7	11KV, 3core, 150Sqmm, XLPE insulated Cable	Kindly confirm whether to consider i. 3CX150Sqmm 11KV CU XLPE Cable or ii. 11KV,1C X 120sq mm CU ERP Cable	Technical Specification to be complied
	Doc No.: ENG-EHV-MPTR-01 Page 39 of 54 Clause 5.3.2 : Technical Particulars	11KV, 1C X 120Sqmm EPR Cable		
5	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 9	ACDB &DCDB, Lighting distribution Boards IN 33/11KV S/S	Kindly Confirm whether to consider ACDB & DCDB Panel on Trailer Mounted Substation. if Yes Please provide the detailed specification of ACDB & DCDB	ACDB & DCDB not in scope
6	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 16	24V, 100A Float cum Boost charger	Kindly confirm the positioning of Float cum boost charger on trailer mounted substation. Also please provide the detailed specification of Float cum Boost Charger.	Float cum boost charger not in scope

7	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 17	100KVA, 33/0.4KV (CU) Transformer, IS Energy level-II	Kindly Confirm whether to consider this transformer in our offer. If yes please provide the complete transformer specification & also the location of this transformer on trailer mounted S/S	100KVA, 33/0.4KV (CU) Transformer, IS Energy level-II is not in scope
8	Doc No: TPSODL/OT/2023-24/65 Table-II(Tentative BOQ) SL No. 18	Tata Vehicle with Trolley	Kindly confirm whether Tata Vehicle is also in our scope or should we offer only Trailer Mounted substation without Vehical. (If Tata Vehical also has to be provided along with trailer mounted Substation, then please provide the model No. and the Specification of vehicle.)	Vehicle with 28ft trailler mounted PSS is in scope
9	As per clause No.4: - POWER TRANSFORMER	28.) Bushing HT - 36kV Bushing Top Mounted (Bushing will be connected to LBS/CB panel as Cable type arrangement) 30.) Minimum clearances in Cable Box HV a) HV phase to phase/phase to earth (mm)—400/320 b) LV phase to phase/phase to earth (mm)---280/140	Against this, we wish to bring your kind notice that clause No.4, serial no. 28.),30.) & clause No.5.1- i)- serial No.-u) are contradicting each other, Kindly confirm whether HV Cable box required or Not.	HV Cable Box Not required
10	As per clause No.5.1: - i) TRAILER & EQUIPMENT ARRANGEMENT	u) Tentative layout of the equipment		
11	As per clause No.4: - POWER TRANSFORMER	29.) Bushing LV- 17.5kV Bushing Side Mounted (Bushing will be connected to LBS/CB panel cable type arrangement)	Against this, we wish to bring your kind notice the these both clauses are contradicting each other, because in the given tentative layout of the equipment, LV bushing is shown on the top of the tank cover.	Bushing shall be top mounted
12	As per clause No.5.1: - i) TRAILER & EQUIPMENT ARRANGEMENT	u) Tentative layout of the equipment	Kindly amend this clause and confirm the mounting place of the LV bushing.	
13	As per clause No.4: - POWER TRANSFORMER	22.) Maximum Flux Density --- 1.6 Tesla	Against this, we wish to bring your kind notice that, we had earlier quoted same KVA rating and voltage class for TPSODL with the flux density in any part of the cores and yoke at normal voltage and frequency shall not be more than 1.69 Tesla. & The flux density at 10% over voltage condition should be 1.859(1.69x1.1) Tesla and flux density at 112.5% of combined voltage and frequency variation condition should be 1.9 Tesla. Kindly confirm the same.	Technical Specification to be complied
14	As per clause No.5.2: - RING MAIN UNIT (RMU)	i) GENERAL CONSTRUCTION FOR RMU - d) – iv) Ingress Protection of IP54 e.) Interlocks: - The degree of protection for RMU tank (indoor/Outdoor) shall be IP 67. The mimic board shall be provided with IP2X/IP3X degree of protection for Indoor RMUs and protection for Outdoor RMUs shall be minimum IP 54.	Against this, we wish to bring your kind notice that these both statements are contradicting each other. We shall consider i) GENERAL CONSTRUCTION FOR RMU - d) – iv) Ingress Protection of IP54. Kindly confirm the same.	Degree of Protection of RMU is IP54. However degree of Protection for RMU Tank shall be IP 67.

15	As per clause No.5.3.1.2: - CORE	xiii) Core Grounding: - b) A protective cover shall be provided for the bushing	Against this, we wish to bring your kind notice that Since 11kV class bushing is used for core earthing purpose and it is in bigger size and it is not possible to provide the cover for the same due to space constraints on top cover. Kindly confirm the same.	Technical Specification to be complied
16	As per clause No.5.3.1.8: - BUSHINGS	Ester Oil (If Applicable): In case of natural oil or Synthetic Ester oil below the requirement to be fulfilled. All transformers shall be filled to the required level with new, unused, clean, natural or synthetic Ester oil as per TPSODL approval. The use of recycled ester oil is not acceptable. Ester shall be filtered and tested for break down voltage(BDV) and moisture content before filling. Ester shall be filled under vacuum. The dielectric strength and water content shall meet the requirement given in specification. Ester oil shall be procured from approved vendor of TPSODL only.	Against this, we wish to bring your kind notice that usually we provide mineral oil as per IS 335. Kindly confirm, whether Ester oil is required or Mineral oil.	Oil shall be in provision of IS 335
17	As per clause No.5.3.2: - General Technical Requirement	ERP CABLE	Against this, we wish to bring your kind notice that, ERP CABLE is not in our scope of supply, our scope of supply is limited to manufacturing and supply of 3.15MVA power transformer. Kindly confirm the same.	EPR Cable is in scope
18	For 33KV RMU, 11KV RMU, Circuit Breaker, Switchgear & other protection equipment	-	Against this, we wish to bring your kind notice that, we had sent the specification to the Sub-Vendor for their review and comments for the same, and we will come back to you for the technical clarifications if any.	Technical Specification to be complied
19	3.9. Type Tests (if applicable) Page no. 12 of 26	The type tests specified in TPSODL specifications should have been carried out within five years prior to the date of opening of technical bids and test reports are to be submitted along with the bids. If type tests carried out are not within the five years prior to the date of bidding, the bidder will arrange to carry out type tests specified, at his cost. The decision to accept/ reject such bids rests with TPSODL.	We request you to kindly allow us to submit the Type Test Reports of similar or higher rating transformers with voltage class of 33/11kV for tender evaluation purpose. However, we shall conduct and submit the Type Test reports as per the DISCOM specification upon receipt of order without affecting the delivery schedule at our cost. Please review and confirm your acceptance.	Technical Specification to be complied
20	1.7 Qualification Criteria: Clause no. 2/ page no. 6 of 26	The Bidder should have at least 5 years of experience in design and manufacturing of mobile substation/transformer/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level or should have at least 5 years of experience in Assembly of all equipment to make a Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level.	Please note, we have supplied 4 nos. of Mobile Substation trolley mounted Distribution Transformers of 3Ph 11/0.433kV, 400kVA rating to M/s. Tata Power DISCOM. Also, we bring to your notice	Tender T&C shall Prevail

21	1.7 Qualification Criteria: Clause no. 3/ page no. 6 of 26	The bidder should have supplied minimum 15 nos. of Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level in last 5 years	<p>that, DISCOMs in INDIA was not floating the tenders for procurement of Mobile Substation Transformers of any ratings. So, it would be difficult for us to submit the supply credentials as per your requirement.</p> <p>We now request you to consider the supply record pertains to Power Transformers (not related to Mobile Substations) of similar or higher rating with voltage class of 33/11kV.</p> <p>Please review and confirm your acceptance.</p>	The bidder should have supplied minimum 15 nos. of Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level in last 5 years. However, TPSODL has reserve right to consider the bidder if they have already supplied the Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level to Tata Power Group Company/TP Odisha Discom irrespective of number of quantity.
22	1.7 Qualification Criteria: Clause no. 5/ page no. 6 of 26	The bidder should submit at least one performance certificate issued from any Utilities/Transmission/Generation Organization/reputed Government organization inside INDIA of Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level. The work against these issued certificates should be completed in last Six years from the date of bid submission.		<p>The bidder should submit at least one performance certificate issued from any Utilities/Transmission/Generation Organization/reputed Government organization inside INDIA of Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level. The work against these issued certificates should be completed in last Six years from the date of bid submission.</p> <p>TPSODL reserve right to consider the bidders those have already supplied the Mobile substation/Compact Substation of having any rating of transformer either 11/0.4kV or 33/11kV voltage level to Tata Power Group Company/TP Odisha Discom irrespective of number of quantity supplied.</p>
23	2. Evaluation Criteria Sl. no. 5/page no. 8 of 26	It is intended to award the contract to a single bidder. Maximum 03 nos. of eligible bidders (L-1 to L-3) shall be allowed in RA process. Balance bidders i.e. L4, L5 & and so on, would not be allowed to participate in the RA process.	<p>We noted your condition for RA process, please note many DISCOMs are conducting RA subjected to eliminating the H1 bidder for finalizing the tenders.</p> <p>So, we request you to please take note of the same and incorporate the changes mentioned above against this clause.</p>	Tender T&C shall Prevail