

Schedule No. 1. Plant and Mandatory Spare Parts Supplied from Abroad (Rev 01)																				
Sl.NO	ITEM DESCRIPTION	Details/ Remarks	Make/ Model / Rating	Country of Origin	Catalog attached (Yes / No / NA)	HSN Code	Quantity	Unit of Measure ment	Unit CIP Price		Total CIP Price (A)		Basic Customs Duty + Social Welfare Surcharge + Other T&D as applicable			GST			Total CIP Price including BCD + SWS + GST	
									Currency	Amount			Civil	Currency	% considered	Amount (B)	Currency	% considered	Amount (C)	Currency
1	Containerized 40 MW/ 120 MWh Battery Energy Storage Solution (BESS) consisting of following:																			
1.1	Battery pack																			
1.2	Bi Directional Inverter/ Power Conditioning System (PCS) with Isolation Transformer																			
1.3	DC control Box (DCDB) With protection functions																			
1.4	AC control Box (ACDB) with protection functions as indicated in the specification along with Energy meter 0.5 class accuracy with required CT & PT for metering.																			
1.5	Battery Management System/ Energy Management System EMS (Hardware and Software) with Data Acquisition System.																			
1.6	EMS Communication Systems (hardware & software) for interface with PV SCADA.																			
1.7	Fire fighting System																			
1.8	HVAC System																			
1.9	HT/ MV/ LT/ Switchgear/ RMU																			
1.10	Step up Transformer																			
1.11	Transformer Breaker																			
1.12	Auxiliary Power supply system																			
1.13	RTU and related accessories for communication with the Plant Energy Management System (EMS)																			
1.14	Aux. power electrical equipment, UPS , Protection & Metering system for BESS																			
1.15	Internal and external AC/DC Power Cables for cabling (Battery Rack to DCDB to PCS to ACDB to HT/ MV/ LT panel) Bidder to provide the BOQ of the list of cables																			
	Cable-----																			
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									Currency	Amount			Civil	Currency	% considered	Amount (B)	Currency	% considered	Amount (C)	Currency
1.16	C&I cables and communication Cables (CAT6/ Twisted Pair cable) for cabling from EMS to C&R protection panels, Energy Meter and Aux. systems.																			
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1.17	Outgoing power cables PCS to Step up transformer to breaker																			
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1.18	Container for BESS housing Batteries, PCS, HVAC, Fire fighting, DCDB, ACDB, EMS Cabinet etc.																			
1.19	Miscellaneous items & services i. Earthing materials, Lightening Arresters etc. ii. Cable Trays, Glands & Lugs, HDPE pipes & conduits etc. iii. Loose items as per actual requirements for E&C and cable laying like Ferrules, terminations, route markers, consumables hardware, nameplates, sleeves, JB glands, clamps, Cable identification tags , ground wires, all tools for cable terminations, materials for civil works etc. iv. Any other hardware & software, services required as per specification but not mentioned in BOQ but required to make complete system functional.																			
1.20	Spares, Tools & Tackles and Mandatory Spares (List as per Cl. 1.5/ Section 1 Technical Specification)																			
	GRAND TOTAL SUPPLY FROM ABROAD																			

- Notes:**
- 1

BCD+SWS + Other T&D being of reimbursement nature duties, Employer will reimburse the amount for BCD+SWS + Other T&D at actuals against the submission of documentary evidence only, with a MAXIMUM CEILING of BCD+SWS + Other T&D charges as mentioned by the Bidder in the Price Schedule No.1 at the time of bidding. Bidders are required to quote the applicable BCD+SWS + Other T&D with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim such taxes & duties already quoted during the bid. No BCD+SWS & Other T&D will be reimbursed to the contractor in the absence of documentary proofs.
- 2

The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No. 1 at the time of bidding. Bidders are required to quote the applicable GST with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid.
- 3

Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/Scope has been considered by the bidder suitably somewhere else in the Price schedules.
- 4

As Reverse Auction is not applicable, please quote your best competitive price.

Schedule No. 2. Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country (Rev 01)															
Sl.NO	ITEM DESCRIPTION	Details/ Remarks	Make/ Model / Rating	Country of Origin	Catalog attached (Yes / No / NA)	HSN Code	Quantity	Unit of Measure ment	Unit Ex-Works (EXW) Price	Total Ex-Works (EXW) Price (A)	% (Percentage) of Goods & Service Tax (GST) considered	Goods & Service Tax (GST) in absolute figures (B)	% (Percentage) of Tax Collectible at Source (TCS) considered	Tax Collectible at Source (TCS) in absolute figures (C)	Total Ex Works (EXW) Price with GST & TCS (A+B+C)
1	Containerized 40 MW/ 120 MWh Battery Energy Storage Solution (BESS) consisting of following:														
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1.2	Bi Directional Inverter/ Power Conditioning System (PCS) with Isolation Transformer														
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1.17	Outgoing power cables PCS to Step up transformer to breaker														

Schedule No. 2. Plant and Mandatory Spare Parts Supplied from Within the Employer’s Country (Rev 01)															
Sl.NO	ITEM DESCRIPTION	Details/ Remarks	Make/ Model / Rating	Country of Origin	Catalog attached (Yes / No / NA)	HSN Code	Quantity	Unit of Measurement	Unit Ex-Works (EXW) Price	Total Ex-Works (EXW) Price (A)	% (Percentage) of Goods & Service Tax (GST) considered	Goods & Service Tax (GST) in absolute figures (B)	% (Percentage) of Tax Collectible at Source (TCS) considered	Tax Collectible at Source (TCS) in absolute figures (C)	Total Ex Works (EXW) Price with GST & TCS (A+B+C)
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1.18	Container for BESS housing Batteries, PCS, HVAC, Fire fighting, DCDB, ACDB, EMS Cabinet etc.														
1.19	Miscellaneous items & services i. Earthing materials, Lightening Arresters etc. ii. Cable Trays, Glands & Lugs, HDPE pipes & conduits etc. iii. Loose items as per actual requirements for E&C and cable laying like Ferrules, terminations, route markers, consumables hardware, nameplates, sleeves, JB glands, clamps, Cable identification tags , ground wires, all tools for cable terminations, materials for civil works etc. iv. Any other hardware & software, services required as per specification but not mentioned in BOQ but required to make complete system functional.														
1.20	Spares, Tools & Tackles and Mandatory Spares (List as per Cl. 1.5/ Section 1 Technical Specification)														
	GRAND TOTAL SUPPLY FROM WITHIN THE EMPLOYERS COUNTRY														

- Notes :
- Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/Scope has been considered by the bidder suitably somewhere else in the Price schedules.
 - The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No. 2 at the time of bidding. Bidders are required to quote the applicable GST with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid.
 - As Reverse Auction is not applicable, please quote your best competitive price.

Schedule No. 3. Inalnd Freight, Installation and Other Services (Rev 01)															
Sl. No.	ITEM DESCRIPTION	Details/ Remarks	HSN Code	Quantity	Unit of Measurement	Local currency Portion		Foreign currency Portion (Optional)			% (Percentage) of Goods & Service Tax (GST) considered	Goods & Service Tax (GST) in absolute figures (Local Currency)	Goods & Service Tax (GST) in absolute figures (Foreign Currency)	% (Percentage) of Tax Collectible at Source (TCS) considered	Tax Collectible at Source (TCS) in absolute figures (Local Currency)
						Unit Charges (Indian Rupees)	Total Charges (Indian Rupees)	Currency	Unit Charges	Total Charges					
1	Inland Freight upto Site including Un-loading, Storage, Handling & Insurance for all the mentioned supply portion under Schedules.1 & 2.							NA	NA	NA					
2	Installation, Erection, Testing and Commissioning including Performance Testing and insurance in respect of all the Equipments Supplied under Schedules.1 & 2.												NA	NA	
3	Civil and allied works including construction and installation of Trenches, Module Mounting Structure, foundations, etc. of all the Equipments Supplied under Schedules.1 & 2												NA	NA	
	GRAND TOTAL of INALND FREIGHT, INSTALLATION & OTHER SERVICES														

- Notes :
1. Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/Scope has been considered by the bidder suitably somewhere else in the Price schedules.
2. The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No. 3 at the time of bidding. Bidders are required to quote the applicable GST with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid.
3. The quoted total Installation,Civil works & Commissioning value should be atleast 05% of the main supply portion under Schedules.1 & 2 (excluding only taxes/duties).
4. As Reverse Auction is not applicable, please quote your best competitive price.

Schedule No.4. Operation & Maintenance (Rev 01)								
Sl. No.	ITEM DESCRIPTION	Details/ Remarks	HSN Code	Year	Total O&M Price (INR) (Excluding GST) in figures (A)	% (Percentage) of Goods & Service Tax (GST) considered	Goods & Service Tax (GST) in absolute figures (B) INR	Total O&M Price including GST (C=A+B)
1.1	Operation and Maintenance of the Plant Facility for FIRST YEAR			1				
1.2	Operation and Maintenance of the Plant Facility for SECOND YEAR			2				
1.3	Operation and Maintenance of the Plant Facility for THIRD YEAR			3				
1.4	Operation and Maintenance of the Plant Facility for FOURTH YEAR			4				
1.5	Operation and Maintenance of the Plant Facility for FIFTH YEAR			5				
1.6	Operation and Maintenance of the Plant Facility for SIXTH YEAR			6				
1.7	Operation and Maintenance of the Plant Facility for SEVENTH YEAR			7				
1.8	Operation and Maintenance of the Plant Facility for EIGHTH YEAR			8				
1.9	Operation and Maintenance of the Plant Facility for NINETH YEAR			9				
1.10	Operation and Maintenance of the Plant Facility for TENTH YEAR			10				
	GRAND TOTAL OPERATION & MAINTENANCE (10 YEARS)							

Notes:

- 1 Bidders are required to fill the relevant portion/Parts/Line items/scope of the respective Price Schedules only. In case, any line item is left blank by the bidder, it will be deemed assumed by the Employer that such portion/Parts/line item/Scope has been considered by the bidder suitably somewhere else in the Price schedules.
- The Contractor warrants that it has, and will be deemed to have, done everything that would be expected of a prudent, competent and experienced Contractor and in accordance with Good BESS Industry Practices in:
 - 2 - assessing all risks which it is assuming under the Contract; and
 - ensuring that the O&M Price contain allowances to protect it against any of these risks eventuating, and that it will not make a claim for an increase in the O&M Price if any of those risks eventuate
- 3 The payment of GST by the Employer shall only be at the CEILING of GST as mentioned by the Bidder in the Schedule No. 4 at the time of bidding. Bidders are required to quote the applicable GST with due diligence & appropriate financial prudence, as afterwards bidders will not be able to change or claim the GST charges already quoted during the bid.
- 4 **The quoted total O&M value should be atleast equivalent to 05% of the basic value of the scope indicated under Schedules.1, 2 & 3 (excluding only taxes/duties).**
- 5 As Reverse Auction is not applicable, please quote your best competitive price.