

Response to Technical Pre-Bid Queries				
Tender No.	TPSODL/OT/23-24/001			
Package Name	Engineering, Supply, Erection & Commissioning of Multiple Projects under SDMF-1 & SDMF-2 on "Turnkey Contract Basis"			
Sr. No.	Detailed Reference to TPSODL Technical Document. Please specify Document No / Clause No / Page No	Description as per Bid Document	Remarks - Query / Clarification	TPSODL Response
1	2	3	4	5
1	PKG-A SDMF-1 BOQ Schedule of Item, Annexure-I	33kV 3C, 400sqmm UG Cable along with 33kV RMU 1. Supply of materials for 33kV, 3Core, 400sqmm Aluminium, XLPE insulation UG Cable with accessories.		
2		a. Length of 33kV 3C, 400sqmm cable (open trench) - 7.721 KM	Which price part to be quoted against the item, i.e supply part only or supply and service part both to be quoted. Clarification required.	Revised Schedule of Item to be referred
3		b. Length of 33kV 3C, 400sqmm cable (HDD) - 3.301 KM	Which price part to be quoted against the item, i.e supply part only or supply and service part both to be quoted. Clarification required.	Revised Schedule of Item to be referred
4		1.1 Supply of 33kV, 3Core, 400sqmm Aluminium, XLPE insulation UG Cable - 11.03 KM	Against the item Which price part to be quoted , i.e supply part only or supply and service part both to be quoted. Because under the item SI no 1(a) and 1 (b) already same quantity i.e (7.721 + 3.301 = 11.03KM) mentioned. Clarification required.	Revised Schedule of Item to be referred
5		from SI.No 1 to 4.2	Under the item head 33kV 3C, 400sqmm UG Cable along with 33kV RMU (from SI.No 1 to 4.2) which price part to be quoted/filled i.e supply part only or supply and service part both to be quoted. Kindly confirm.	Revised Schedule of Item to be referred
6		<b>Erection Portion</b>		
7		Erection, Commissioning & Testing of 33kV new line by 3Core, 400sqmm, XLPE UG cable		
8		SI. No-5.1 to 7.2	We understand that only service part to be quoted. Is the service part price to be quoted including erection with civil work or only erection price. Kindly confirm.	Revised Schedule of Item to be referred
9		<b>Civil works</b>		
10		8.1 Civil works with supply of all materials like cement, MS tor rod, brick, coarse & fine aggregates and labour, T&P, etc for UG Cable Trench	Against the item no unit and quantity available. Kindly confirm for the item.	Revised Schedule of Item to be referred
11		8.10 Supply of GI Fencing with Gate around each RMU	Are the price to be quoted against the the item at SI.No- 8.10,8.12 and 8.13 are for both supply and service or for service part only. Kindly confirm.	Revised Schedule of Item to be referred
		8.12 Supply and erection of GI Pipe of dia. 150mm, Class-B (8Mtr.)		
		8.13 Supply and Erection of Cable Route Marker along the cable route at an interval of 30mtrs with civil works		
12			Please Note:- Similar query for 11kV 3C, 400sqmm UG Cable along with 11kV RMU	Revised Schedule of Item to be referred

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13		SI.No- 16., LT AB Cable Line Length with 33 Mtr. Span using - 4C×70 mm <sup>2</sup> (3P+1N)+1C×70 mm <sup>2</sup> (M)+1CX16 mm <sup>2</sup> (Street Light)		
		S.No- 16.1 to 16.25	We understand rate to be quoted for both supply and service. Our query is service part rate to be quoted for both erection with CIVIL or only erection rate. Because for civil works rate to be quoted, mentioned at BOQ SI.No- 17.1 to 17.7. Kindly confirm in this regard.	<b>Revised Schedule of Item to be referred</b>
14	PKG-A SDMF-1		Approved Vendor list not provided. Please provide approved Vendor list for 1. 33 KV & 11 KV RMU 2. 33 KV & 11 KV HT cables, Control cables and LT AB Cables. 3. LT Distribution Box Polycarbonate 10 Way . 4. Lightning Arrester(30KV,10KA) Station Class-2 & Lightning Arrester(12KV,10KA) Station Class 2 5. Rebar Lacing Poles	Kindly refer Approved Vendor list for the Tender. <b>This Approved Vendor List is applicable for both Package-A &amp; B of the Tender</b>

**VENDOR LIST FOR 33/11kV SUB-STATIONS & LINES**

Major Equipment /Items		
Sl. No	Description of Equipment or Material	Name of Vendor
1	2	3
1	POWER TRANSFORMER	Schneider/BHEL/Siemens/ Toshiba (India) Ltd/ShirdiSai/Vijai Electrical/ Telwane
2	INDOOR SWITCHGEAR Panel with VCB, CT. IVT. B us bar	<b>For AIS-</b> Siemens/AB B /CGL/Schneider/BHEL/GE <b>For GIS-</b> Siemens/AB B /CGL/Tosiba (India) Ltd/Schneider/ BHEL
3	VCB (Outdoor)	Siemens/AB B/CGL/Schneider/BHEL/CG Power
4	CT (Outdoor)	CGL/ Vishal Transformers & Switch Gears Ltd/ KAPCO Electric/Akanksha/Tushar Trans equipment pvt .Ltd/perfect sales/savior transformers
5	PT(IVT)- Outdoor	CGL/ Vishal Transformers & Switch Gears Ltd/ KAPCO Electric/Akanksha/Tushar Trans equipment pvt .Ltd/perfect sales/savior transformers
6	SURGE ARRESTOR/Lighting arrester	CGL/OBLUM/LAMCO/Schneider/Raychem/New Aquaria
7	RELAYS	AB B /Siemens/Schneider/ALSTOM/GE/SEL
8	CONTROL & RELAY PANEL	Control & Relay Panel shall be as per the specification by using above make Relays, at Item-7.( Siemens/AB B/Ultima switchgear/Stelme/popular switchgear/OM Energy)
9	ISOLATORS/AB Switch &HG Fuse	ABB /SIEMENS/Switchgear & Structural/CGL/Schneider/G R Power/J.D Electricals/Ultima Switch Gears/Electrolites (Power) Pvt Ltd./SMC/Ruma isolator company/S&S Power switchgear
10	48 Volt VRLA BATTERY 12VOLTx4nos.)	EXIDE/AMARARAJA
11	48 Volt BATTERY CHARGER	Chloride Power System Services (previously CALDYNE)/AMARARAJA/Mass-tech/Chabbi/Emerson
12	PVC INSULATED POWER AND CONTROL CABLES	NICCO/GLOSTER/CCI/KEI/CRYSTAL/ POLY CAB /FINOLEX/Universal/Havells India Ltd/KEC International Ltd./ Rabin Cables/Sterlite Technologies Ltd
13	STATION TRANSFORMER (B EE STANDARD)	Schneider/ ALFA/TESLA/ Vijai Electricals
14	RS JOIST/WPB/H Pole	Manufacturer - TATA/SAIL/RINL/Jindal Steel & Power Supplier- KL Steel/Dharam Industries/Reliable sponge/Supreme Industries/Vijay transmission
15	CHANNEL & ANGLES. GI Flat	Manufacturer - TATA/SAIL/RINL/Jindal Steel & Power Supplier- KL Steel/Dharam Industries/Reliable sponge/Supreme Industries/Vijay transmission
16	CONDUCTOR	APAR/Vijai Electricals/Lumino/Cabcon/laser power
17	Covered Conductor	APAR/Raychem

18	DISC INSULATORS/ SOLID CORE POST INSULATORS / PIN INSULATORS (33 & 11 kV)	Elechem Systems Pvt Ltd / Adinath Industries / Scenario Powertech pvt Ltd / Prime Insulators / Hub International / Hindustan Chemicals, Khurja / Rashtriya Electricals & Engineering
19	HARDWARE FITTINGS	Jainco Transmission Ltd / Industrial Forging Industries Pvt Ltd/ KSE Electricals
19	CLAMPS / CONNECTORS	Exalt Engineering Industries / Pee Vee Engineering / JAINCO Transmission Ltd / Raychem
20	GI BOLTS & NUTS	NEXO / MAHESWARI (P) FASTENERS & BRIGHT PVT LTD / Techman India / / Ravi Engineers / Precision Fasteners Ltd/ AV Forgings / Garg Fasteners/ Agarwal Fasteners, Maharastra/ Sterling Bolts Pvt Ltd, Kolkata
21	CEMENT OPC/ PSC	ACC / ULTRATECH / DALMIA (KONARK)
22	STEEL	SAIL / TATA / RINL / Jindal Steel & Power
23	GI PIPE for Earthing)	TATA / JIN DAL
24	HDPE Pipe	Lingaraj Pipes, Khurda / Hari Udyog Pvt. Ltd, Balasore / Valentina Pipes, Bhubaneswar / Utkarsh Pipes, Kolkata
24	RTU, SCADA	Alstom / Siemens / Schneider /GE / Synergy / ABB
25	CABLE JOINT KIT	RPG Raychem / 3M / Nexon / cell pack
26	XLPE HT CABLE, LT XLPE Cable	<b>XLPE HT Cable</b> - M/s KEI Industries Ltd, Rajasthan/ Dynamic Cables /Gemscab / M/s Sterlite Technologies Ltd/ Havels India/ Universal Cables/ KEC International Limited / Torrent Cables Ltd. <b>XLPE LT Cable</b> - M/s KEI Industries Ltd, Rajasthan/ Dynamic Cables /Gemscab / M/s Sterlite Technologies Ltd/ Havels India/ Universal Cables/ KEC International Limited / Torrent Cables Ltd / Finolex / polycab/ laser power
27	GI Earth wire	Aaarti Steels Ltd / Ratlam Wires Pvt Ltd / Kataria Wires Pvt Ltd / RK Wire Product Ltd / GK Winding wires/ M/s Kartika Wires (P) Ltd./ Jainco Transmission Ltd/ Industrial forging
<b>Minor Equipment / Material</b>		
28	MULTI -FUNCTION Meters	Secure Meters Pvt Ltd / Schneider / Accord Electro / Genus / L&G
29	Energy Meter	Secure Meters Pvt Ltd / Schneider / GENUS /L&T/HPL
30	INSULATION RESISTANCE TESTER	MEGGER / FLUKE
31	AIR CONDITIONER	CARRIER/ BLUE STAR / VOLTAS / LLOYD
32	MCB	L & T / ABB / SIEMENS / HAVELLS / Schneider / Legrand / CGL / C&S Electric
33	ACB / MCCB	L & T / ABB / SIEMENS / HAVELLS / Schneider / Legrand / CGL / C&S Electric

34	ACDB / DCDB / CONSOLE BOX / BMK	Technocrat / United Engineers Pvt Ltd. / AMARARAJA
35	PVC WIRES	L & T / FINOLEX / ANCHOR / HAVELLS
36	SWITCHES	ANCHOR / CONA / HAVELLS / Schneider /GRABTREE
37	LIGHTING FIXTURES	PHILIPS/ BAJAJ / HAVELLS/ Syska
38	FIRE FIGHTING EQUIPMENT	CEASE FIRE / M/s Safex Services Ltd
40	GI Earth Wire	Aaarti Steels Ltd / Ratlam Wires Pvt Ltd / Kataria Wires Pvt Ltd / / RK Wire Product Ltd / GK wires/ M/s Kartika Wires (P) Ltd.
41	Ceiling Fan (1400mm)	Usha / Bajaj I Crompton / Havells
42	Exhaust Fan (12 inch)	Khaitan / Almonard / Bajaj / Crompton / Havells

**NB- Subject to meet the requirement as per Technical Specification.**

43	33 & 11 kV RMU	M/s Lucy Electric India Pvt Ltd, M/s ABB INDIA Ltd, M/s SIEMENS Ltd, M/s Eaton Power Quality Pvt Ltd
44	LT Distribution Box Polycarbonate 10 Way	M/s Plastochem Pvt. Ltd, M/s Neelu Packing Industries Pvt Ltd
45	Rebar Lacing Poles	Manufacturer- TATA/SAIL/RINL/Jindal Steel & Power Supplier- KL Steel/Dharam Industries/Reliable sponge/Vijay Transmission