
 <p>पी डी आई एल PDIL</p>	<p>CONSTRUCTION OF 220 KV LILO GIS TALCHER FERTILIZERS LTD. (TFL) TALCHER, ODISHA)</p>	 <p>Talcher Fertilizers</p>
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Date: 05.02.2024

AMENDMENT – II

NIT, No. PNMM/PC-183/E-4024/NCB Dated 12.01.2024

Sub.: CONSTRUCTION OF 220 KV LILO GIS

This is for information of Bidders that Amendment-II date 05.02.2024 is being issued and shall be read in conjunction with the original NIT issued and all subsequent amendment(s).

***All other terms & conditions of NIT shall remain unchanged.**

For & on behalf of
Talcher Fertilizers Limited


05/02/2024
Anjali Thakur
Deputy General Manager (M.M)
Projects & Development India Ltd.



CONSTRUCTION OF 220 KV LILO GIS AT TALCHER FERTILIZERS LIMITED;
NIT NO : PNMM/PC-183/E- 4024/NCB, Dated – 12.01.2024



AMENDMENT No. II Dated:05.02.2024

Sl. No.	Reference of Bidding Document				Existing Clause	Amendment Type	Amended Clause
	Part / Sec	Page No.	Clause no	Subject / Heading		M/D/A	
1)	Sec-VI (Technical Specification)	NIT Pg. No. 1523 of 1566	Annexure-I (OPTCL Approved Make List)	Approved Vendor List of OPTCL	Provisionally Approved Vendor List of OPTCL (Signed on 23.06.2023)	M	Provisionally Approved Vendor List of OPTCL (Signed on 06.01.2024)
2)	Sec-VI (Technical Specification)		GIS Equipment for Indoor Substation	Approved Vendor List of OPTCL	----	M	Vendors for GIS Equipment in Indoor Substation: 1) Hitachi Energy India Ltd. (formally known as ABB Power Products & Systems India Ltd.) 2) GE T&D India Ltd. 3) Toshiba Transmission & Distributions Systems India Pvt. Ltd. 4) Siemens Ltd.
3)	Sec-VI (Technical Specification)		220/33 kV 20 MVA Transformer	Approved Vendor List of OPTCL	----	M	Vendors for 220/33 kV 20 MVA Transformer 1) ECE Industries Ltd. 2) Transformers & Rectifiers (India)



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							Ltd. 3) Bharat Heavy Electricals Ltd. 4) Toshiba Transmission & Distribution Systems (India) Pvt. Ltd. 5) GE T&D (India) Ltd. 6) Bharat Bijlee Limited 7) Technical Associates Ltd.
4)	Sec-VI (Technical Specification)	NIT Pg. No. 469 of 1566	Construction Water & Power Supply		<p>• Bidder shall wheel Power from the Source to the Construction Site at his own expenses whatsoever. The Power Supply availability may not be reliable. In case of failure of Power, the Bidder shall have to make his own necessary arrangements like Diesel Generator Sets etc., at his own cost so that progress of work is not affected and the Owner in no case shall be responsible for any delay in</p>	M	<p>Existing clause is modified as below: <u>“Construction water & power shall be provided by TFL at single point on chargeable basis.</u> <u>Further distribution of water and power shall be arranged by contractor itself. Unit rate for Construction water & power shall be charged as per actual basis.”</u></p>



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					works because of non - availability of Power. • Bidder shall make his own arrangement at his own cost and the Owner in no case shall be responsible for any delay in Works because of non -availability or inadequate availability of Water.		

Provisionally Approved Vendor list of OPTCL for supplying materials to the contractors, awarded with total turnkey / partial turnkey projects of OPTCL Valid up to 30.04.2026

Breaker

Breaker (up to 400 KV Spring-Spring,SF-6)	1	M/s Hitachi Energy India Ltd., Gujarat
	2	M/s CG Power and Industrial Solutions Ltd, Nasik
	3	M/s. Siemens Limited, Kolkata
	4	M/s GE T&D India Ltd.

PCVCB

33 KV Spring-Vacuum, 1600A, 25 kA	1	M/s CG Power and Industrial Solutions Ltd, Nasik
	2	M/s. Stelmec Limited, Mumbai

CT

CT of 0.2S Accuracy class up to 400 KV	1	M/s CG Power and Industrial Solutions Ltd, Nasik (Only Polymer Type)
	2	M/s Hitachi Energy India Ltd., Gujarat (Only Polymer type)
	3	M/s GE T&D India Ltd.
CT of 0.2S Accuracy class up to 220 KV	1	M/s.Heptacare Power Industries Pvt. Ltd., Meerut (Polymer/ Porcelain type)
	2	M/s Mehru Electrical & Mechanical Engineers (P) Ltd, Bhiwadi (Polymer/ Porcelain type)
CT of 0.2S Accuracy class up to 132 KV	1	M/s Pragati Electricals Pvt Ltd, Navi Mumbai (Polymer/ Porcelain type)
	2	M/s CG Power and Industrial Solutions Ltd, Nasik (Polymer/ Porcelain type)
	3	M/s Hitachi Energy India Ltd., Gujarat (Polymer/ Porcelain type)
	4	M/s Kapco Electric Pvt. Ltd, Noida (Polymer/ Porcelain type)
	5	M/s. Siemens Limited, Kolkata (Polymer/ Porcelain type)

PT (IVT)

PT/ IVT of 0.2S Accuracy class (Porcelain/ Polymer) up to 400 KV	1	M/s CG Power and Industrial Solutions Ltd, Nasik
	2	M/s. Siemens Limited, Kolkata
PT/ IVT of 0.2S Accuracy class (Porcelain/ Polymer) up to 220 KV	3	M/s.Heptacare Power Industries Pvt. ltd, Meerut
	4	M/s SCT Ltd., Ghaziabad, UP
	5	M/s Mehru Electrical & Mechanical Engineers (P) Ltd, Rajasthan
PT/ IVT of 0.2S Accuracy class (Porcelain/ Polymer) up to 132 KV	6	M/s Pragati Electricals Pvt Ltd, Navi Mumbai
	7	M/s Kapco Electric Pvt. Ltd, Noida

Surge Arrestor/ LA

Surge Arrestor (Polymer Type) up to 400 KV	1	M/s CG Power and Industrial Solutions Ltd, Nasik
	2	M/s Oblum Electrical Industries Hyderabad
Surge Arrestor (Polymer type) up to 220 KV	1	M/s Elecktrolites (Power) Pvt. Ltd, Jaipur

CVT

	1	M/s Hitachi Energy India Ltd., Gujarat
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CVT of 0.2 accuracy class up to 400 KV (Porcelain /Polymer type)	2	M/s CG Power and Industrial Solutions Ltd, Nasik
	3	M/s. Siemens Limited, Kolkata
	4	M/s GE T&D India Ltd.
CVT of 0.2 accuracy class up to 132 KV	1	M/s Mehru Electrical & Mechanical Engineers (P) Ltd, Rajasthan
Hardware fitting		
Hardware fitting up to 400KV	1	M/s Supreme & Company Pvt. Ltd., Kolkata
	2	M/s Electromech & Transtech Pvt. Ltd., Kolkata
	3	M/s Krsna Transmission Hardware Mfg. Pvt. Ltd, Vadodara
	4	M/s IAC Electricals Pvt. Ltd, Kolkata
	5	M/s Legion Energy, Bangaluru
Hardware fitting up to 220KV	1	M/s. Jainco Transmission Limited,
	2	M/s Aumni Transmission Industry Pvt. Ltd, Vadodara,
Clamp & Connectors		
Clamp and Connector up to 400 KV	1	M/s Legion Energy, Bangaluru
	2	M/s Exalt Engineering Industries, Mumbai
	3	M/s Supreme & Company Pvt. Ltd., Kolkata
	4	M/s IAC Electricals Pvt. Ltd, Kolkata
	5	M/s Electromech & Transtech Pvt. Ltd., Kolkata
Clamp and Connector up to 220 KV	1	M/s Krsna Transmission Hardware Mfg. Pvt. Ltd, Vadodara
	2	M/s. Jainco Transmission Limited, Kolkata
	3	M/s Aumni Transmission Industry Pvt. Ltd, Vadodara,
Spacers		
Spacers upto 400kV		M/s IAC Electricals Pvt. Ltd, Kolkata
Spacers upto 220kV		M/s. Jainco Transmission Limited, Kolkata
Conductor		
Conductor (ACSR –Moose, Zebra, Panther, Bersimisi & AAAC-Moose, Zebra & Panther)	1	M/s Lumino Industries Ltd, Kolkata
	2	M/s Mahavir Transmission Limited, Noida
	3	M/s Gupta Power Infrastructure Limited, Bhubaneswar
	4	M/s Galaxy Transmissions Pvt. Limited, Sangli
Conductor (ACSR - Moose, Zebra, Panther & AAAC-Moose, Zebra, Panther)	1	M/s Dynamic Cables Private Ltd, Jaipur
	2	M/s Cabcon India Limited, Kolkata
	3	M/s Anvil Cables Pvt. Ltd., Kolkatta
ACSR (Moose, Zebra and Panther)	1	M/s Nirmal Wires Pvt. Ltd, Kolkata
Conductor (ACSR –Moose & Zebra)	1	M/s Transrail Lighting Limited, Silvasa
GI Earthwire		
GI Earthwire (7/3.15 mm & 7/3.66 mm)	1	M/s Nirmal Wires Pvt. Ltd, Kolkata
	2	M/s Cabcon India Limited, Kolkata
OPGW Cable with Hardware Accessories		

OPGW Cable Hardware fittings , splice Enclosure (Joint Box) 24F/48F/96F, FODP, 48F/96F	1	M/s Krsna Transmission Hardware Mfg. Pvt. Ltd, Vadodara
	2	M/s IAC Electricals Pvt. Ltd., Howrah
	3	M/s Legion Energy Products Pvt. Ltd., Bengaluru
OPGW Hardware Accessories	1	M/s Aumni Transmission Industry Pvt. Ltd, Vadodra,
INSULATORS		
Porcelain Long rod Insulators & Solid core Post Insulators	1	M/s Modern Insulators Limited, Rajasthan
Composite Polymer Insulator & Composite Polymer Bus Post Insulator up to 400 KV	2	M/s Deccan Enterprises Ltd, Hyderabad
Porcelain Disc Insulator (160KN, 120KN, 90KN), Antifog & Normal TYPE	1	M/s Imperial Ceramics Pvt. Ltd., Bikaner
	2	M/s Bikaner Ceramics Private Limited, Bikaner
	3	M/s Allied Ceramics Pvt. Ltd, Kolkata
	4	M/s Grasim Industries Limited, , West Bengal
Porcelain Disc Insulator / Porcelain Bus Post Insulator	1	M/s Insulators& Electricals Company, New Delhi
Composite polymer Insulator (up to 400 KV-160 KN)”	1	M/s Shree Radhe Industries, Vadodara
Composite Polymer Insulator (up to 220KV-120KN)”	1	M/s Yamuna Power & Infrastructure Limited, Jagadhri, Haryana
Solid Core post Insulator	1	M/s CJI Porcelain Pvt. Ltd., UP
33kV 6KN Solid Core PI, 145kV 6 KN for Bus PI & 145kV 8 KN Insulator, 245kV 8 KN Solid Core PI, 420kV 8 KN Solid Core PI	1	M/s Saravana Global Energy Ltd., Tamilnadu
ISOLATORS		
ISOLATOR up to 400KV	1	M/s.Switchgears & Structurals (India) Pvt. Ltd, Hyderabad
ISOLATOR up to 220KV	1	M/s.Switchgears Manufacturing Company Pvt Ltd, Hyderabad
	2	M/s JDE SwitchgearPvt. Ltd., Howrah
	3	M/s Elektrolites (Power) Pvt. Ltd., Jaipur
Battery Charger		
220 V Battery Charger for VRLA & Plante Type	1	M/s Voltech Manufacturing Company Ltd, Chennai
EHV Grade XLPE Cable (both Al & Cu)		
	1	M/s Universal Cables Ltd., Kolkata

EHV Grade XLPE Cable (both Al & Cu) up to 220KV	2	M/s KEC International Limited, Kolkatta
EHV Grade XLPE Cable (both Al & Cu) up to 132KV	1	M/s Finolex J-Power Systems Pvt. Ltd, Pune
EHV Grade XLPE Cable (Both Al & Cu) up to 33 KV	1	M/s Dynamic Cables Private Ltd, Jaipur
	2	M/s Havells India Ltd, Bhubaneswar
	3	M/s Gemcab Industries ltd, New delhi
Cable End termination Kit for 220kV/132kV/33kV		
Cable end termination Kit up to 33 KV	1	M/s Yamuna Cable Accessories Pvt. Limited, Haryana
Station Transformer		
Station Transformer (33/0.433 KV) up to 500 KVA	1	M/s Orissa Transformers Pvt. Ltd., Bhubaneswar
Station Transformer (33/0.433 KV) up to 1000 KVA	1	M/s Voltech Manufacturing Company Ltd, Kanchipuram
CONTROL, PROTECTION & SAS SYSTEM		
Control, Protection & SAS System Upto 400kV	1	M/s Hitachi Energy India Ltd., Bengaluru
	2	M/s. Siemens Limited, Kolkata
Conventional Control & Relay Panel, Event Logger, Disturbance Recorder (up to 220 KV)	1	M/s Voltech Manufacturing Company Ltd., Bengaluru
Conventional Control & Relay Panel, Event Logger, Disturbance Recorder (up to 33 KV)	1	M/s. Stelmec Limited, Mumbai
	2	M/s CG Power and Industrial Solutions Ltd, Nasik
Conventional Control & Relay Panel up to 220kV	1	M/s Schneider Electric Infrastructure Ltd, Bhubaneswar
NUMERICAL RELAYS, IEC-61850 & AUXILIARY RELAYS		
NUMERICAL RELAYS, IEC-61850 & AUXILIARY RELAYS up to 33 KV	1	M/s CG Power and Industrial Solutions Ltd, Nasik
GIS Equipment for Indoor sub station		
GIS Equipment for Indoor GIS Sub Station up to 400 KV	1	M/s. Siemens Limited, Kolkata
GIS Equipment for Indoor GIS (400kV, 220kV & 132kV)	2	M/s. Hitachi Energy India Ltd., Bengaluru

GIS Equipment for Indoor GIS (33kV)	3	M/s CG Power and Industrial Solutions Ltd, Nasik
ACDB /DCDB / BMK / CONSOLE BOX		
ACDB /DCDB / BMK / CONSOLE BOX	1	M/s United Engineers Pvt Ltd, Bhubaneswar
	2	M/s. Bose Engineering (India) Pvt. Ltd, Kolkata
	3	M/s S R Automation Pvt. Ltd, Kolkata
	4	M/s AIM Engineering Industries, Kolkata
	5	M/s Control Devices, Kolkata-
	6	M/s. S.K .Engineers India Pvt. Limited, Bhubaneswar
	7	M/s Technocrat Enterprises, Cuttack
	8	M/s Nitya Electrocontrols Pvt Ltd, Noida
LT XLPE Cable of 1100 V		
LT XLPE Cable of 1100 V	1	M/s Vishal Cables Pvt. Ltd, Mumbai-
	2	M/s Zenium Cables Ltd, Mumbai-
	3	M/s Havells India Ltd, Bhubaneswar
	4	M/s Prime Cable Industries Pvt Ltd, Delhi
	5	M/s Alpha Communication Ltd, Delhi
	6	M/s Gupta Power Infrastructure Limited, Bhubaneswar
	7	M/s. Gloster Cables Ltd, Secunderabad
	8	M/s Universal cables Ltd, Kolkata
	9	M/s Cabcon India Limited, Kolkata
	10	M/s Dynamic Cables Private Ltd, Jaipur,
PVC INSULATED POWER & CONTROL CABLES (with Type-C Insulation)		
PVC INSULATED POWER & CONTROL CABLES (with Type-C Insulation)	1	M/s Dynamic Cables Private Ltd, Jaipur,
	2	M/s Prime Cable Industries Delhi
	3	M/s Universal cables Ltd, Kolkata
	4	M/s Zenium Cables Ltd, Mumbai
	5	M/s Vishal Cables Pvt. Ltd, Mumbai
	6	M/s Cabcon India Limited, Kolkata
	7	M/s. Gloster Cables Ltd, Secunderabad
	8	M/s Alpha Communication Ltd, Delhi
	9	M/s Gupta Power Infrastructure Limited, Bhubaneswar
	10	M/s Gemcab Industries ltd, New delhi
Digital Tele-protection Coupler		
Digital Tele-protection Coupler	1	M/s M/s Hitachi Energy India Ltd, Bengaluru
	2	M/s. Siemens Limited, Kolkata
Fibre Optic Terminal Equipment/GPRS (SDH Equipment)(STM-4/STM-16/STM-64) & GPRS Modem	1	M/s Commtel Networks Pvt Ltd , Navi Mumbai
RTU		
RTU Conforming to IEC Protocols in Use in OPTCL system	1	M/s Hitachi Energy India ltd., Bengaluru
	2	M/s. Siemens Limited, Kolkata

NB:-

1. Presently all the Vendors enlisted for "TOWER & STRUCTURES FOR LINE AND SUBSTATION AND FOUNDATION BOLT" were Cancelled as per recommendation of 115th BoD held on 20.10.2020. However the EPC contractors may be insisted to place order for supply of structural materials from approved rate contract holder of OPTCL.
2. Brand names of lighting fixtures and Steel are to be decided by E&QC Department and the same shall be mentioned in the Tender documents.
3. All the provisionally approved vendors to submit their Drawings & Type test report in D3 portal for scrutiny and approval by E&Q Department, OPTCL.
4. Vendor who have valid Type test reports of material/equipment as per GTP & TS and are found Techno-commercially responsive for opening of the price bid in CPC procurement through open e-Tenders on or after 01.05.2023 can be considered as approved vendor for EPC Projects, subject to submission of vendor registration fee (Non-refundable) of Rs 40,000/-+ GST@18%=Rs 47,200/- for one item in shape of DD drawn in favour of "D.D.O, Head Quarters, OPTCL", payable at Bhubaneswar.
5. EPC Contractors who are also OEM/manufacturer may supply the said equipment/material for the said project, subject to approval of GTP, Drawings as per TS and have valid Type Test reports of material /equipment as per GTP & TS. Vendor approval may not be needed for the said project. But if they are willing to be in approved vendor list of OPTCL for the projects, they have to apply for vendor registration fee (Non-refundable) of Rs 40,000/-+ GST@18%=Rs 47,200/- for one item in shape of DD drawn in favour of "D.D.O, Head Quarters, OPTCL", payable at Bhubaneswar.

KAH
06.01.2024
CHIEF GENERAL MAGAGER (CPC)