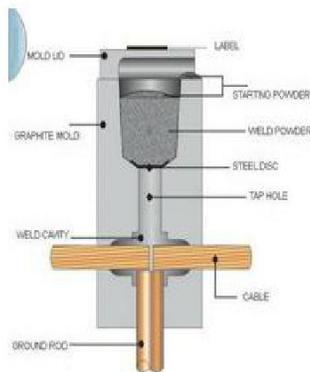
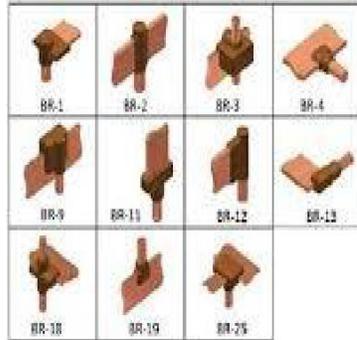


EXOTHERMIC JOINTING for EARTHING



NEW TECHNOLOGY USING BATTERY WIRE FOR SAFE DISTANCE DURING IGNITION.



- EARTHING
- LIGHTNING & SURGE PROTECTION
- EXOTHERMIC JOINTING or CADWELDING
- SOLAR PV SERVICES.

EXOTHERMIC WELDING PROCESS

The exothermic welding process is a simple, self-contained method of forming high quality electrical connections. The compact process requires no external power or heat source, making it completely portable. Connections are made inside a semi-permanent graphite mould using the high temperature reaction of powdered copper oxide and aluminium.



An exothermic connection is actually a molecular bond formed between two metals such as copper/copper, copper/steel and steel/steel even MS / GI barring aluminium. Copper oxide and aluminium are combined and ignited. The result is an Exothermic Reaction that produces molten super-heated copper and aluminium

oxide slag. The melting or fusing temperature rating of the finished joint is 1200°C plus. The molten super-heated copper melts the objects being connected together, forming the molecular bond. This bond will not loosen over time or deteriorate with age. The connection's current carrying capability is to that which it is being connected. In other words there is no increase in resistance in an exothermically welded connection as there is in most pressure connections.



The majority of exothermic welding connections have at least

twice the cross sectional area of the conductors being joined, and an equivalent or greater current carrying capacity. Because the connection is a fusion of high conductivity, high copper content alloy, it will withstand repeated fault currents, and will not loosen in the way that mechanical connections can.

Corrosion resistance too, is exceptional, due to the alloy's very high copper content (in excess of 97%).

We have recently executed project 3000MW, 800kV HVDC exothermic bonding for earth joints for 400kV GIS room.

Client : Alstom India Ltd.

Owner : Power Grid of India Ltd. 50x6 Copper bus JOINT 50x6 busbar For more information on supply & execution for such bonding , **UL LISTED SOURCING , CHINA**



Please contact :

Ampere Protection Services LLP

1451, Sector 31, Gurgaon , Haryana 122001

ampereprotection@gmail.com

Mobile : +91-9871574205

www.ampereprotection.com



**LOI (ALSTOM ,NOIDA) for HVDC KURUKSHETRA
Power Grid of India Ltd :::: Contractor : ALSTOM INDIA**

GRID
NOIDA
India

ALSTOM

ALSTOM T&D India Limited
A-7, Sector - 65
Noida-201 301, U.P., INDIA
t:+91 120 479 00 00
f:+91 120 479 06 92

REF: LOI/PGCIL HVDC CKL-1/ Cad Mould / 14-15
DATE: 30th Jan' 2015

M/s Ampere Protection Services
1451 Housing Board Society
Sector 31, Gurgaon (E)

Kind Attn: Mr. Nabaroon Goswami
Mobile : 09871574205

Subject: LOI for Supply of Cad Mould at PGCIL- Kurukshetra CKL-1 Site

With reference to your submitted offer & subsequent discussions / confirmations, we are pleased to place LOI on you at agreed rates for the supply & Erection of materials as per Annexure 1 & Annexure 2 to this LOI for our above mentioned project.

- Annexure 1 - Supply items
- Annexure 2 - Erection Items

Terms & Conditions will be as follows:

- (1) Prices: The price(s) mentioned in this order shall remain FIRM till completion of Contract
- (2) Freight: Included in Order Price @ 3% of Basic Price of supply Order.
- (3) Packing, Forwarding & Loading Charges: Included in the Ordered Price
- (4) Excise Duty: NA
- (5) Sales Tax: VAT @ 13.25% shall be paid extra as applicable at the time of dispatch.
- (6) Delivery: within 4 weeks from the date of MFC / Drawing Approval.
- (7) Payment Terms: 100% within 30 days from the date of material dispatch.
- (8) Service Tax: Inclusive in Ordered Prices.

Detailed Purchase Order shall be issued Shorty. This LOA is issued on request for the purpose of order booking & further processing.

Thanking you
For ALSTOM T&D India Limited

Authorized Signatory



ALSTOM T&D India Limited
CIN - L31102DL1507PLC199999
Registered Office: A-18, First Floor, Okhla Industrial Area, Phase II, New Delhi - 110030
Tel: +91 11 43160600, Fax: +91 11 43160659
www.alstom.com/india



Actual pics of 400/220Kv GIS HALL , HVDC KURUKSHETRA
WORK ORDER VALUE IN EXCESS OF 8.5 lacs INR.

NEEPCO (ASSAM) 400 KV GIS HALL EXOTHERMIC WELDING SYSTEMS

PURCHASE ORDER

Number : 5427-4500962186
 Creation date : 09 Mar 2018
 Your vendor number : 116682

GE T&D India Ltd.*
 T-5, Plot 1-14,Axis
 House,Sector-128, Jaypee
 Wishtown,
 Noida 201304
 India
 GSTIN No.:09AAACG2115R1ZF
 Nature of Transaction:Purchase /



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<p>Purchase From: 116682 AMPERE PROTECTION SERVICES LLP 1451, HOUSING BOARD SOCIETY SECTOR-31 GURGAON 122001 Haryana IN GSTIN no.:</p>	<p>Bill To Address/ Bill To : GE T&D India Limited IN GSTIN No.:18AAACG2115R1ZG</p>
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Contact Person : BIMAL GAIROLA-SBU 2nd Floor, A-7, Sector-65,-Noida 201301-India
Phone / Fax / E-mail : 0120-4790504 /0120-4790692, 0120-4790690 / bimal.gairola@ge.com
Payment Terms : Within 30 days
Acc. Assignment : N5427PN06725
PR Number: 1160569144
Incoterms : FH SITE
 Work order for CADWELD at PGCIL-Bongaigaon Project Site.

Currency : INR

Your ref:- E-mail offer dated:- 10-11-2018

Item	Material Description	Unit price	Quantity	Due Date for Delivery	Net value INR
0010	CADWELD	313,740.00 /1AU	1 AU	30.04.2018	313,740.00
	HSN/SA Code :998736				
	IGST Charges	18.00%			0
	Total of Taxes				0
	Total				313,740.00
	*** Item partialy delivered ***				
	The item covers the following services				
S10	Cadweld 50x6 Cu to 75x12 GS flat (S-Type)	1,660.00	40 EA		66,400.00
S20	Cadweld 50x6 Cu to Cu (S-Type)				
S30	Cadweld 50x6 Cu to Cu (T-Type)				
S40	Cadweld 50x6 Cu to Cu (Cross-Type)				

- 1) This PO is electronically validated and hence no signature required.
- 2) Duly signed and stamped order acknowledgement should be sent by you within 3 days of time otherwise this PO will be considered as deemed accepted.
- 3) Enclosure : Annexure as mentioned in order.
- 4) Please quote our order no, Item no, HSN / SAC Code, Vendor code and unit rate on all challan/Invoices.

**REGD.OFFICE: GE T&D India Limited, A-18,First Floor, Okhla Industrial Area,
 Phase II, New Delhi - 110020, *Formerly ALSTOM T&D India Limited**

work order value in excess of 3.95Lacs INTT

EXOTHERMIC WELDING FOR EARTH MAT – PROJECT L&T , BIBIYANA, BANGLADESH

PURCHASE ORDER

Number : 5427-4501013099
 Creation date : 04 Feb 2019
 Your vendor number : 116682

AMENDMENT No. 01
 DATE 12/02/19

GE T&D India Ltd.*
 A-7, Sector- 65,
 Noida 201301
 India
 GSTIN No.:09AAACG2115R1ZF
 Nature of Transaction:Purchase /
 Inter-State
 Nature of Supply:Goods and



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Purchase From:
 116682
 AMPERE PROTECTION SERVICES LLP
 1451, HOUSING BOARD SOCIETY
 SECTOR-31
 GURGAON 122001
 Haryana IN
 GSTIN no.:

Delivery address :

GE T&D India Ltd.* - SRI
 Bibiyana South
 BANGLADESH

Contact Person : PARTHA PAIT-DLF IT Park, Plot 8 Major Road-Kolkotta 700156-India
Phone / Fax / E-mail : 033-44022848 / +91-(0)33-44002812 / partha.pait@ge.com
Payment Terms : Within 30 days

Currency : INR

Incoterms : DAP FOR site basis

Amndt 1 DT-14/02/2019 due to change in unit price & quantity

Item	Material Description	Unit price	Quantity	Due Date for Delivery	Net value INR
0010	VDMISCADMOULDZZZZZ MOULD Mould HSN/SA Code :8535 90 90 Account assignment :N5427PK115CM PR number :1188408117 IGST Charges Total of Taxes Total		11 EA	15.03.2019	
		18.00%			
0020	VDMISCADMOULDZZZZZ Tablet Tablet		485 EA	15.03.2019	

- 1) This PO is electronically validated and hence no signature required.
- 2) Duly signed and stamped order acknowledgement should be sent by you within 3 days of time otherwise this PO will be considered as deemed accepted.
- 3) Enclosure : Annexure as mentioned in order.
- 4) Please quote our order no, Item no, HSN / SAC Code, Vendor code and unit rate on all challan/invoices.

REGD.OFFICE: GE T&D India Limited, A-18,First Floor, Okhla Industrial Area,
 Phase II, New Delhi - 110020, *Formerly ALSTOM T&D India Limited

EARTH MAT of 150sqmm tap to 150sqmm conductor ➡

Value of work order : 6.95+Lacs INR.

❄️ TOTAL JOINTS experience in excess of 4500 till date.(30.06.2019)

