



Bharat Heavy Electricals Limited

Industry Sector, Transmission Business Group

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AMENDMENT NO-1 TO NIT

DATE: 23.10.08

SUB : AMENDMENT- 01 To NIT No. 5295 For ETC Works

REF: TENDER SPECIFICATION. No. – TBSM/KODERMA/ETC/TENDER, DT: 24.09.08

With reference to above tender for ETC works for 220kV switchyard at Koderma in Jharkhand, following amendments/Clarifications may be noted.

A. Following clarifications may be noted

1. The BOQ for subject works provided in the NIT has been revised. The revised BOQ is enclosed. The bidders are required to quote as per revised BOQ
 2. Item no. 8 of BOQ (400kV Post insulators for Bus support complete with corona ring, terminal connector) – This item is with pipe type structure.
 3. Item No.11.1 & 11.2 of BOQ- Only erection of terminal connectors/clamps of Gen./Station transformer is in the scope of contractor.
 4. Item No. 12 of BOQ- BHEL will not supply cable glands. Contractor have to supply all erection materials viz. cable glands, ferrules, copper lugs, cable ties / straps, Al. tags, markers etc. Cable glands are to be supplied by the contractor as per annexure-G of NIT.
 5. Item No 12.3.2 of BOQ- 11kV cable termination kit (both indoor & outdoor)- Out of 12 Nos. quantity there are 06 nos. of indoor & 06 nos. of outdoor type cable termination kit.
- All other terms & conditions of the tender remain unchanged.
 - Please enclose with your Technical Bid a copy of this amendment-01 duly signed by your authorized signatory and stamped.

(R.Lodwal)
SDGM/TBSM

ANNEXURE-F

S. NO.	MANDATORY SPARES TO BE HANDLED & STORED (Only unloading, storage & handling is applicable)	UNIT	QUANTITY
1	2	3	4
I	400kV , ICT (Inter connecting transformer)	LOT	1
II	LT Transformer (Outdoor)	LOT	1
III	Instrument Transformers	LOT	1
IV	Meters	LOT	1
V	DC Batteries (Spares for each battery size)	LOT	1
VI	Battery Charger (Spares for each charger rating)	LOT	1
VII	POWER & CONTROL CABLES/ CABLING SYSTEM (For 11 KV Cables)	LOT	1
VIII	STATION LIGHTING SYSTEM (For Switchyard)	LOT	1
IX	SHUNT REACTOR	LOT	1
X	Circuit Breakers(400 KV) (set means complete replacement for one circuit breaker)	LOT	1
XI	HCB Isolator (EACH TYPE AND RATING)	LOT	1
XII	Capacitance voltage Transformers	LOT	1
XIII	Surge Arrestors	LOT	1
XIV	Mandatory maintenance equipment for 400 KV Circuit breaker	LOT	1
XV	400 KV CONTROL & RELAY PANELS	LOT	1
XVI	FIRE FIGHTING SYSTEM	LOT	1
XVII	AIR CONDITIONING SYSTEM & VENTILATION SYSTEM	LOT	1
XVIII	400KV, Current Transformer, 1 Phase, 5 core complete with terminal connectors for ACSR Moose / 4" IPS Al tube	Nos.	2
XIV	400KV , CVT, 1 Phase, complete with ACSR Moose terminal connector	Nos.	2
XVV	400 kV, 2000A , Horizontal Center Break (HCB), motor operated isolator - with one earth switch complete with support insulators, operating mechanism boxes, terminal connectors for ACSR Moose / 4" IPS Al tube, etc.	No.	1
XVVI	390KV, 1 Phase, Gapless Metal Oxide Surge Arrester complete with surge counter, leakage current meter, insulating base, connecting cable, Line terminal connector for twin ACSR Moose conductor.	No.	1
XVVII	4" Al Tube (ETC of Al.Tube includes Aluminium welding and bending to be included. Welding sleeve tube will be supplied by BHEL.)	M	360