

1. **Clause No. 1.2 of GTC** - Bidder must ensure that their bid is submitted / dropped in the tender box on or before **14.00 Hrs.** IST on the due date of opening at the address as follows:

TENDER Box (Purchase)
Material Management Division
Transmission Business Group
Tower A, 5th Floor, BHEL, Advant Navis IT Business Park
Plot No 7, Sector - 142, Express way Noida
Noida -201305
DISTT- GAUTAM BUDH NAGAR, UP

Bidder may submit complete offer through email at tenderbox@bhel.in directly and should not share this documents to any one in BHEL except tenderbox otherwise the submitted offer will not be considered.

Authorized signatory of the bidder should authenticate tender documents.

2. **Clause No. 1.3 of GTC** – Not Applicable.
3. **Clause No. 1.7 of GTC** - For any technical clarification, please contact Sh. Sanjeev Kumar Shrivastava, DGM (TBEM); Contact No. 0120-06748517; e-mail: sanjeev.shrivastava@bhel.in;
4. **Clause No. 1.8 of GTC** - For any commercial clarification, please contact Smt. Archana Kumari, Dy. Manager (TBMM) / Sh. S K Jain, AGM (TBMM); Contact No. 0120-6748467 / 8137; e-mail: archanak@bhel.in / skjain@bhel.in
5. **Clause No. 2.1 of GTC** - The prices as quoted in price schedule remain firm after adjustment by the PVC adjustment formula attached with the enquiry i. e. Annexure – A.
6. **Clause No. 3 of GTC - For Supply**

a) **Terms of Payment for Indian bidder – As per clause no. – 3.3.**

b) **Terms of Payment for Foreign bidder -**

By irrevocable LC (With Usance Period of 60 days, to be counted from the date of presentation of documents in LC opening bank) which will be opened after placement of order and receipt of performance bank guarantee for 10% of order value. All bank charges to supplier's account.

90% against original invoice, original bill of lading, packing list, MICC (dispatch clearance given by BHEL), guarantee certificate, transit insurance certificate, certificate of origin.

NOTE: In regards LC Payment, please note that all bank charges are in beneficiary account. Period of presentation should be 7-10 working days from the date of shipment / invoice whichever is later. However, documents must reach LC opening bank within 21 days of date of B / L.

Direct Payment for balance 10 % as per clause no. 3.3 b.

7. **Clause No. 7 of GTC - Option – B shall be considered.**
8. Proposed delivery plan is **IMMEDIATE**. However, vendor has to quote their best possible delivery plan in activity schedule in activity schedule to meet the tender delivery requirement. In case, BHEL's delivery requirement is not met by vendor(s), then a chance may be given to all such vendors to review their quoted delivery schedule in line with BHEL's delivery requirement. However, if vendor fails to meet the requisite delivery plan, then BHEL reserves the right not to consider the offer of such vendor(s).
9. Project Status: Domestic.
10. Permissible Technical Deviations: No permissible Technical Deviation has been envisaged.

11. The link for Online Supplier registration Portal is <https://supplier.bhel.in/>.

12. **Pre qualifying requirement :**

Technical : As per Clause 1.3 of Technical Specification.

Commercial: Vendor should be approved from NTPC as on date of original Techno – Commercial bid opening.

The Bidder must ensure that they confirm the Pre-qualifying requirement.

BHEL Reserves the Right to reject any offer from Bidder in case of Non – Compliance to the Pre-qualifying criteria.

13. **Clause No. 33 of GTC for Reverse Auction of NIT shall be as follows:**

“BHEL reserves the right to go for Reverse Auction (RA) (Guidelines as available on www.bhel.com) instead of opening the sealed envelope price bid, submitted by the bidder. This will be decided after techno-commercial evaluation. Bidders to give their acceptance with the offer for participation in RA. Non-acceptance to participate in RA may result in non-consideration of their bids, in case BHEL decides to go for RA.

Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit ‘Process compliance form’ (to the designated service provider) as well as ‘Online sealed bid’ in the Reverse Auction. Non-submission of ‘Process compliance form’ or ‘Online sealed bid’ by the agreed bidder(s) will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).

The bidders have to necessarily submit online sealed bid less than or equal to their envelope sealed price bid already submitted to BHEL along with the offer.

The envelope sealed price bid of successful L1 bidder in RA, if conducted, shall also be opened after RA and the order will be placed on lower of the two bids (RA closing price & envelope sealed price) thus obtained. The bidder having submitted this offer specifically agrees to this condition and undertakes to execute the contract on thus awarded rates.

If it is found that L1 bidder has quoted higher in online sealed bid in comparison to envelope sealed bid for any item(s), the bidder will be issued a warning letter to this effect. However, if the same bidder again defaults on this count in any subsequent tender in the unit, it will be considered as fraud and will invite action by BHEL as per extant guidelines for suspension of business dealings with suppliers/ contractors (as available on www.bhel.com).”

As a reminder to the bidders, system will flash following message (in RED Color) during the course of online sealed bid

“Bidders to submit online sealed bid less than or equal to their envelope sealed bid already submitted to BHEL”

14. Offer of techno – commercially acceptable vendors shall be considered for Price Bid Opening / RA subject to their approval from Customer.

15. **INTEGRITY PACT**

IP is a tool to ensure that activities and transactions between the Company and its Bidder / Contractors are handled in a fair, transparent and corruption free manner. A panel of independent External Monitors (IEMs) have been appointed to oversee implementation of IP in BHEL.

The IP as enclosed with the tender is to be submitted (duly signed by authorized signatory who signs in the offer) along with techno –commercial bid. Only those bidders who have entered into such an

IP with BHEL would be competent to participate in the bidding. In other words, entering into this Pact would be a preliminary qualification.

Details of IEM for this tender is furnished below:

Name : Sh. D.R.S Chaudhary (IAS (Retd.)
Address: E-1/164 Arera Colony Bhopal - 462016
Email ñ dilip.chaudhary@icloud.com

16. Vendor to quote as per specified price format of NIT, otherwise their offer shall be liable to be rejected.

Following confirmation to be provided by vendor:

“We confirm that we have quoted as per specified price format provided along with this tender”.

SCOPE OF WORK FOR SERVICES:

As per our attached Technical Specification No. TB-397-316-010 REV 00.

COMMENCEMENT OF WORK:

Project start / zero date / Readiness at site for this work shall be intimated by BHEL.

Bidder to procure 132 kV Cable termination & straight through jointing kits from following vendors:

M/s. Iljin Korea, Shanghai G & W, ABB Kabeldon, Pfisterer AG, Tyco Electronics Germany and Raychem Mumbai.

Name:

Signature:

Stamp:

Enquiry No. - 228E147 dated 12/07/2018

Annexure – A

PRICE ADJUSTMENT FORMULA

(400/220KV XLPE CABLE)

The prices of cables shall be adjusted to the official LME (Cash) price ruling on following working day from the issue date of our Purchase Order.

The offered price of cable shall be increased or decreased by the following formula for rise or fall respectively in the basic cash price of Cu and Al :

$$P1 = P_0 + [(Cu_1 - Cu_0) * VFc] + [(Al_1 - Al_0) * VFa]$$

where :

P1 = The final contract price of cable (USD / km)

P₀ = The initial order price of Cable (USD / km)

Cu₁ = The official LME Copper Cash price of the next LME working day of our Purchase Order issue date. (USD / MT)

Cu₀ = The base copper price (LME Rate of Enquiry floating Date i.e.).

VFc = Copper weight per cable KM (MT / km) ñ To be Quoted

Al₁ = The official LME Aluminum price of the next LME working day of our Purchase Order issue date.

Al₀ = The base Aluminum price (LME Rate of Enquiry floating Date
i.e.).

VF_a = Aluminum weight per cable KM (MT / km) - To be Quoted

Initial Price (P₀) quoted in any currency will be converted to USD on the exchange rate of Techno - Commercial Bid opening date between currency of quotation and USD.

P1 will be converted back to currency quoted on same exchange rate.

BHEL UN-PRICE BID/PRICE BID FORMAT FOR SUPPLY PORTION FOR INDIAN BIDDER

(BIDDER TO STRICTLY ENSURE SUBMITTING THE PRICE BIDS IN THIS FORMAT)

VENDOR NAME / OFFER REF:

ENQUIRY No. -

	S.No.	Description of Item	HSN Code	Unit	Quantity	Unit Price Ex-works (Rs.)	Total Ex-Works (Rs.)	GST @__on Ex Works	Unit Freight & Insurance	Total Freight & Insurance	GST @__ on Freight & Insurance	TOTAL (FOR Destination) PRICE (Rs.)
		A - Supply Item - 220 KV Cable & accessories comprising of Items A1- A8										
	1	A1 - 220 kV Cable - 1C X 400 mm2 Copper conductor, extruded Cross-linked polyethylene insulated (XLPE), Extruded semi conducting compound screen, Metallic sheath (Aluminum or lead or lead alloy), Outer sheath of extruded Polyethylene (PE)		M	4270							
	2	A2 - 220 kV cable sealing end (outdoor type) suitable for terminating the cables in the Air insulated switchyard including all accessories like necessary hardware, clamps for fixing the cable on structure etc. (excluding terminal connector)		NO	14							
	3	A3 - 220 kV Cable Jointing Kit It shall be complete in all respects		LOT	1							
	4	A4 - Single pole link box without SVL including all cable/cable accessories required for the connection		LOT	1							
	5	A5 -Earthing of above system including earthing & bonding cable		LOT	1							
	6	A6 - Nonmagnetic, Single type cleats /clamps for fixing of cable (as per requirement)		LOT	1							
	7	A7 - Consumables having limited shelf life required during installation and site tests (1 lot is for complete package)		LOT	1							
	8	A8- Any other item not listed above but are required for completeness of Installation & commissioning of system										
		B - Optional Item										
	9	B1 - Single pole link box with SVL including all cable/cable accessories required for the connection		No.	1							
		TOTAL (in figure)										
		TOTAL (in words)										

1. It is certified that M/s _____ have quoted as per the specified price format of the tender, otherwise offer shall be liable for rejection.

2. PLEASE NOTE THAT UNPRICED COPY OF PRICE BID (i.e. WITH ALL PRICE BLANKED) SHALL BE FURNISHED ALONGWITH TECHNO-COMMERCIAL BID.

3. Vendor to mention the word "QUOTED" against each item in UNPRICED SCHEDULE.

SEAL & SINGNATURE OF TENDERER

BHEL UN-PRICE BID/PRICE BID FORMAT FOR SERVICE PORTION FOR INDIAN BIDDER

VENDOR NAME / OFFER REF:

(BIDDERS TO STRICTLY ENSURE SUBMITTING THE PRICE BIDS IN THIS FORMAT)

NOTE: THIS FORMAT IS TO BE SUBMITTED IN ORIGINAL ONLY, DULY FILLED IN. REPRODUCTION OF THIS FORMAT ON BIDDER 'S LETTER HEAD OR ON OTHER PAPER IS NOT ACCEPTABLE.

TENDER ENQUIRY NO. : 228E147 dated 12/07/2018

SL. NO.	DESCRIPTION OF ITEM	UNIT	SAC CODE	QTY.	UNIT PRICE (Rs.)	TOTAL PRICE (Rs.) (5 * 6)	GST RATE %
1	2	3	4	5	6	7	8
	C - Service - 220 KV Cable & accessories comprising of Items C1-C3						
1	C1 - Installation of 220 kV Cable - 1C X 400 mm2 including laying of cable and fixing of all accessories like cable termination kit, cable jointing kit, Clamps, Cleat clamps etc. as required to complete site work	M		4270			
2	C2 - Site Tests- Site Tests- of 220 kV Cable System for items from SI. No.1 to 8 above (supply items)	LOT		1			
3	C3 - Joint Route survey	LOT		1			
	TOTAL PRICE FOR SERVICES PORTION INCLUDING GST (in figure and words)						
	TOTAL PRICE FOR SERVICES PORTION WITHOUT GST (in figure and words)						

SEAL & SINGNATURE OF TENDERER

ENQUIRY NO. -228E147 dated 12/07/2018

Project: PVUNL PATRATU

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
	Name of Item	Tariff No.	Unit	Total Qty.	Unit: CIF (Indian Sea port)	Total: CIF (Indian Sea port)	Unit: FOB (load port).	Total: FOB (load port).	Unit: Sea Freight (upto Indian port, preferably Mumbai)	Total: Sea Freight (upto Indian port, preferably Mumbai)	Unit: Insurance (upto Indian port, preferably Mumbai)	Total: Insurance (upto Indian port, preferably Mumbai)	Unit: Freight & Insurance (from Indian port to site)	Total: Freight & Insurance (from Indian port to site)	GST @__ on Freight & Insurance
	<u>Break up of FOB (Indian Sea port) rates</u>												<u>Break up of Indian Transportation</u>		
1	A1 - 220 kV Cable - 1C X 400 mm2 Copper conductor, extruded Cross-linked polyethylene insulated (XLPE), Extruded semi conducting compound screen, Metallic sheath (Aluminum or lead or lead alloy), Outer sheath of extruded Polyethylene (PE)		M	##											
2	A2 - 220 kV cable sealing end (outdoor type) suitable for terminating the cables in the Air insulated switchyard including all accessories like necessary hardware, clamps for fixing the cable on structure etc. (excluding terminal connector)		NO	14											
3	A3 - 220 kV Cable Jointing Kit It shall be complete in all respects		LOT	1											
4	A4 - Single pole link box without SVL including all cable/cable accessories required for the connection		LOT	1											
5	A5 -Earthing of above system including earthing & bonding cable		LOT	1											
6	A6 - Nonmagnetic, Single type cleats / clamps for fixing of cable (as per requirement)		LOT	1											
7	A7 - Consumables having limited shelf life required during installation and site tests (1 lot is for complete package)		LOT	1											
8	A8- Any other item not listed above but are required for completeness of Installation & commissioning of system														
	B - Optional Item														
9	B1 - Single pole link box with SVL including all cable/cable accessories required for the connection		No.	1											
	Total (in figure)														
	Total (in words)														

NOTE:

Discharge Port:- Indian Sea Port - Any Indian Sea Port preferably Mumbai. Pl explicitly mention name of the port.

CIF (Indian port) should be equal to "FOB (load port) + Sea Freight (upto Indian Sea port-preferably Mumbai) +Insurance(upto Indian Sea port)"

Load port to be mentioned by bidder.

No of package with Dimensions and type of cargo/Break Bulk/LCL/FCL) and no. of container (with type of container) required-is also to be mentioned by bidder.

Vendor has to mention tariff no. against each item for custom duty purpose.

Vendor to mention QUOTED against each item in UNPRICED SCHEDULE.

We confirm that we have quoted as per this price format.

SEAL & SIGNATURE OF TENDERER

BHEL UN-PRICE BID/PRICE BID FORMAT FOR SERVICE PORTION FOR FOREIGN BIDDER

PROJECT / ITEM: - PVUNL PATRATU /220 kV CABLE AND ACCESSORIES [SUPPLY AND SERVICES]

VENDOR NAME / OFFER REF:

ENQUIRY NO. -228E147 dated 12/07/2018

Sl. No.	Name of item	Unit	Qty.	Currency	UNIT PRICE	TOTAL PRICE
	C - Service - 220 KV Cable & accessories comprising of Items C1-C3					
1	C1 - Installation of 220 kV Cable - 1C X 400 mm2 including laying of cable and fixing of all accessories like cable termination kit, cable jointing kit, Clamps, Cleat clamps etc. as required to complete site work	M	4270			
2	C2 - Site Tests- Site Tests- of 220 kV Cable System for items from SI. No.1 to 8 above (supply items)	LOT	1			
3	C3 - Joint Route survey	LOT	1			
	TOTAL COST TO BHEL (in figure and words)					

SEAL & SINGNATURE OF TENDERER

TRANSMISSION BUSINESS GROUP
MATERIAL MANGEMENT
BHEL, NOIDA

ACTIVITY SCHEDULE

Please submit this format duly filled in along with offer. Time indicated will be used for calculating contractual delivery period.

ENQUIRY NO. 228E147 dated 12/07/2018

PROJECT: PVUNL PATRATU

ITEM: 220 kV XLPE CABLE & ACCESSORIES [SUPPLY + SERVICES]

VENDOR :

OFFER REF.

SL. NO.	ACTIVITY	ACTIVITY TIME IN WEEKS	REMARKS IF ANY
1.	Receipt of P.O		
2.	P.O Acceptance	ONE WEEK	Vendor must Submit Po acceptance with in one week
3.	Submission of documents necessary for getting manufacturing clearance like Drawings, data sheet, QAP etc.		Documents complete in all respect are to be Submitted. Delay in approval on account of incomplete / inadequate information shall be the responsibility of supplier
4.	Review and Approval of documents and issue of manufacturing clearance	BHEL ACTIVITY	Vendor must ensure to reply all queries expeditiously.
5.	Manufacturing Time [FOR CABLES & ACCESSORIES]		Manufacturing time be indicated considering all constrains & must include time required for internal inspections etc.
6	Raise inspection call	-VE 2 WEEKS TO SL NO 5	Call for inspection must be raised at least two weeks in advance in the prescribed format. Non availability of offered material for inspection to the inspector will be viewed very seriously & may result in financial implications. The date of inspection must be with in the period indicated in 5 above.
7	Inspection	BHEL	
8	Issue of MICC, MDCC & other documents like EDEC , Road permits etc	BHEL	Vendor must indicate requirement well in advance.
9	Dispatch	ONE WEEK	Vendor must ensure to dispatch with in one Week of receiving all documents required
10	Services		(Please refer technical specification for details of works and kindly quote accordingly for completion of service work)

Total time in vendor's scope:

Please mention constraints if any. For multiple lot delivery activity landmark for each lot should be mentioned. Multiple inspection calls for one lot are to be avoided & delay on this account shall be vendor's responsibility. Vendor to quote best possible earliest delivery period.

SIGNATURE AND SEAL

SCHEDULE OF TECHNICAL DEVIATION

TENDER ENQUIRY NO. - 228E147 dated 12/07/2018

The following are the deviations/ variations exception from the Technical Specifications:

SL.NO.	CLAUSE NO. OF GENERAL TERMS AND CONDITIONS	STATEMENT OF DEVIATION

In case, this schedule is not submitted, it will be presumed that the equipment /material to be supplied under this contract is deemed to be in compliance with the Technical Specifications,

If there is NIL deviation,even then the format to be filled as NIL DEVIATION.

Note : Continuation Sheets of like size and format may be used as per the Bidder's Requirement and shall be annexed to this schedule.

All deviations must be mentioned in this format only. Deviation(s) to terms mentioned else where will not be considered.

Signature of the authorised representative of

Place: ë ë ë ë ë ë ë

Date : Æ Æ Æ Æ Æ Æ Æ .

Bidder's name :ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë

Designation:ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ..

Company Seal:ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë ë

SCHEDULE OF COMMERCIAL DEVIATION

TENDER ENQUIRY NO. - 228E147 dated 12/07/2018

The following are the deviations/ variations exception from the General Terms and Conditions:

SL.NO.	CLAUSE NO. OF GENERAL TERMS AND CONDITIONS	STATEMENT OF DEVIATION

In case, this schedule is not submitted, it will be presumed that the equipment /material to be supplied under this contract is deemed to be in compliance with the General Terms and Conditions.

If there is NIL deviation,even then the format to be filled as NIL DEVIATION.

Note : Continuation Sheets of like size and format may be used as per the Bidder's Requirement and shall be annexed to this schedule.

All deviations must be mentioned in this format only. Deviation(s) to terms mentioned else where will not be considered.

Place: ë ë ë ë ë ë
Date : ë ë ë ë ë ë .

Signature of the authorised representative of

Bidder's name :ë ë ë ë ë ë ë ë ë ë ë ë
Designation:ë ë ë ë ë ë ë ë ë ë ë ë ..
Company Seal:ë ë ë ë ë ë ë ë ë ë ë ë

