

1. For any technical clarification, please contact Sh. Alex Antony, Sr. Engineer (TBEM / Sh. S K Shukla, DGM (TBEM); Contact No. 0120-06748530 / 8531; e-mail: alex@bhel.in; skshukla@bhel.in
2. For any commercial clarification, please contact Ms. Archana Kumari, Dy. Manager (TBMM) / Sh. A K Chowdhary, AGM (TBMM); Contact No. 0120-6748467 / 8129; e-mail: archanak@bhel.in / akchowdhary@bhel.in
3. The tender is invited through e-Procurement System only. The bidder shall submit his response through bid submission to the tender on e-Procurement platform at <https://bhel.abcpocure.com>
Vendors participating through this tender will necessarily have to buy Class-II/III Digital Signature Certificate (DSC) for Signing & Encryption (Required both digital signature certificate: Signing & Encryption) of bids issued by any of the valid Certifying Authorities (approved by Controller of Certifying Authorities) in India.

4. Clause no. ' 12 of GTC shall be read as follows:

DELIVERY PERIOD: - Vendor to ensure supply of complete material (as per Schedule of Price and Technical Specification) within **24 weeks** (for both power and control cables) from the date of manufacturing clearance from BHEL. However, Drawings/documents/Type test reports/MQP etc shall be submitted within 2 weeks from the date of PO and every revised submission incorporating comments within 1 week from the date of comments. In case there are delays in submission /resubmission of drawing /documents as per above schedule, that much days would be reduced from delivery period.

Time for BHEL activities such as for inspection and issue of MICC / MDCC (dispatch clearance) has been considered as 3 weeks. Vendor to dispatch the material within 1 week from the date of issue of dispatch clearance (MICC/ MDCC) by BHEL.

2 week's time for type test if applicable, shall be given separately (Either at vendor's works or through Third Party Lab).

Note : 1. LR / GR date or invoice date (whichever is later) for indigenous supplies and BL / AWB date for FOB / CIF (if applicable) contracts shall be considered as delivery date.

5. Permissible Technical Deviations: No permissible Technical Deviation has been envisaged.
6. Project Status ' Domestic. GST as applicable.
7. Integrity Pact ' **APPLICABLE** [Refer Annexure 1 and 2 attached].
8. **Clause No. 5 of GTC** - Guarantee period is required 18 months from the date of last delivery or 36 months for specified work from the date of completion and commissioning in all respect and taking over by the TRANTRANSCO (i. e. 27.12.2019) whichever is later.
9. **Clause No. 7 of GTC** - Option – B shall be considered. Validity period is required 18 months from the date of last delivery or 36 months for specified work from the date of completion and commissioning in all respect and taking over by the TRANTRANSCO (i. e. 27.12.2019) whichever is later with claim period of 3 months extra over and above.
10. Clause No. – 2 for Prices of GTC shall be on PVC basis as per latest formula mentioned below as per IEEMA circular:

Copper conductor PVC insulated 1. 1 kV control cables

$P = Po + CuF(Cu - CuO) + CCFCu(PVCC - PVCCo) + FeF(Fe - FeO)$

For unarmoured cables; $FeF = 0$

Table references:

CUC (Copper conductor)

P5 (PVC Compound)

P6 (Steel armour)

Copper conductor PVC insulated 1.1 kV power cables

$$P = Po + CuF(Cu - Cuo) + CCFcu(PVCc - PVCco) + FeF(Fe - Feo) + ALF(Al - Alo)$$

For steel unarmoured cables; $AlF=0$, For aluminium unarmoured cables; $FeF = 0$

For unarmoured cables; FeF , $AlF=0$

Table references:

CUC (Copper conductor)

P2 (PVC Compound)

P3 (Steel armour)

P4 (Aluminium armour)

Aluminium conductor PVC insulated 1.1 kV power cables

$$P = Po + AlF(AL - Alo) + CCFAl(PVCc - PVCco) + FeF(Fe - Feo)$$

For unarmoured multicore cables (without steel armour); $FeF = 0$

Table references:

ALP (Aluminium conductor in single core unarmoured & multicore cables)

P1 (Aluminium conductor aluminium armour in single core armoured cables)

P2 (PVC Compound)

P3 (Steel armour)

Aluminium conductor XLPE insulated 1.1 kV power cable

$$P = Po + AlF(AL - Alo) + XLFAL(CC - Cco) + CCFAl(PVCc - PVCco) + FeF(Fe - Feo)$$

For unarmoured multicore cables (without steel armour); $FeF = 0$

Table references:

ALP (Aluminium conductor in single core unarmoured & multicore cables).

P1 (Aluminium conductor aluminium armour in single core armoured cables).

P2 (PVC compound)

P3 (Steel armour)

XL1 (XLPE compound)

The date of delivery shall be PO delivery date or date of actual dispatch, whichever is earlier.

The total adjustment shall be subject to a ceiling of $\pm 20\%$ (plus or minus twenty percent).

The base indices in the formula shall be of first notification of IEEMA of the **May 2019**.

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

12. **Clause No. 33 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"

13. Pre qualifying requirement :

Technical: As per Annexure - II (Technical Qualifying requirements) of Technical Specification.

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.

14. Following documents required for obtaining customer approval of L-1 vendor :

- a) Vendor approval letter from other TANTRANSCO projects /PGCIL/NTPC/Public Utilities**
- b) Proof of supplies (PO/Work Order copies of above customers)**
- c) Performance certificate (wherever applicable).**

Vendor to submit the same along with their offer.

15. Endorsed LR is not required in GST regime.

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".

To promote Make in India as per govt. guideline following clause has been added:

For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017 & 28.05.2018 and subsequent orders issued by the respective nodal ministry shall be applicable even if issued after issue of this NIT but before finalization of contract/PO/WO against this NIT.

Minimum local content in this tender shall be 83% and the margin of purchase preference shall be 20%. Bidder shall provide self-certification regarding local content in the prescribed format.

In the event of any Nodal Ministry prescribing higher or lower percentage of purchase preference and/ or local content in respect of this procurement, same shall be applicable.

Preference to Make in India will be as per the Public Procurement (Preference to Make in India), Order 2017 available in the following link:

http://dipp.nic.in/sites/default/files/publicProcurement_MakeinIndia_15June2017.pdf

http://dipp.nic.in/sites/default/files/Revised-PPP-MII-Order-2017_28052018.pdf

It is mandatory for bidder to submit the enclosed format duly filled, signed and stamped by their authorized person.

Name:

Signature:

Stamp:

Transmission Business Group

Materials management

Noida

Ref: TBMM/RA

Rev 00, Dated 22.05.2019

Subject: Procedure for Preference for procurement of goods/services from 'Local Suppliers' under Public Procurement (Preference to Make in India) Order, 2017 and revision 2018 in case of Reverse Auction

PROCEDURE

(A) In case where RA is conducted successfully

Reverse auction shall be conducted as per existing procedure of BHEL. Ranking of bids shall be based on final price fed by respective bidder (including H1 bidder) in reverse auction process.

If L1 bid is from a 'Local Supplier', L-1 bidder may be considered for further award of work. No other Bidder shall be invited to match price of L-1 Bidder

If L1 bid is not from a 'Local Supplier', the lowest evaluated bidder among the 'Local Suppliers' based on the ranking of the price **after RA**, will be invited to match the L1 price provided 'Local Supplier's price is within the Margin of Purchase Preference i.e. +20% of L1 price. In case such local supplier agrees to match the price of L-1 Bidder, such local supplier may be considered for further award of work.

In case such lowest eligible 'Local Supplier' fails to match the L1 price, the eligible 'Local Supplier' with the next higher bid within the Margin of Purchase Preference (i.e 20% of L-1 Price) as above shall be invited to match the L1 price, and so on, and may be considered for award of work accordingly.

In case none of the 'Local Suppliers' within the Margin of Purchase Preference(i.e 20% of L-1 price) matches the L1 price, then the L1 bidder may be considered for award of work.

(B) In case where RA is failed-

Price bid shall be opened as per reverse auction procedure of BHEL and based on the same make in India policy shall be implemented.

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

MENTION THE WORKS FROM WHICH MATERIAL SHALL BE SUPPLIED -

	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.)	M- FACTOR (For PVC calculation)
	1	2C x 2.5 sq mm HR PVC/Copper, Armoured Control cable		kM	8								As per Annexure- 1 enclosed as per IEEMA
	2	4C x 2.5 sq mm HR PVC/Copper, Armoured Control cable		kM	40								
	3	8C x 2.5 sq mm HR PVC/Copper, Armoured Control cable		kM	6								
	4	14C x 2.5 sq mm HR PVC/Copper, Armoured Control cable		kM	40								
	5	20C x 2.5 sq mm HR PVC/Copper, Armoured Control cable		kM	30								
	6	28C x 2.5 sq mm HR PVC/Copper, Armoured Control cable		kM	20								
	7	4C x 4 sq mm HR PVC/Copper, Armoured Control cable		kM	50								
	8	8C x 4 sq mm HR PVC/Copper, Armoured Control cable		kM	35								
	9	2C x 16 sq mm HR PVC/Copper, Armoured Auxiliary Power cable		kM	1.55								
	10	2C x 25 sq mm HR PVC/Copper, Armoured Auxiliary Power cable		kM	0.5								
	11	2C x 35 sq mm HR PVC/Copper, Armoured Auxiliary Power cable		kM	1.5								
	12	4C x 16 sq mm HR PVC/Copper, Armoured Auxiliary Power cable		kM	1								
	13	3.5C x 185 sq mm HR PVC/Copper, Armoured Auxiliary Power cable		kM	0.25								
	14	4C x 25 sq mm PVC / Aluminium, Armoured Auxiliary Power cable		kM	2.5								

SCHEDULE OF PRICE (Part III) (UNPRICED COPY)

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

VENDOR NAME / OFFER REF:

MENTION THE WORKS FROM WHICH MATERIAL SHALL BE SUPPLIED -

ENQUIRY No. -90Q2000008

15	4C x 120 sq mm XLPE/Aluminium, Armoured Auxiliary Power cable		kM	2.5							
16	4C x 240 sq mm XLPE/Aluminium, Armoured Auxiliary Power cable		kM	2.5							
	Total cost to BHEL (in figures)										
	Total cost to BHEL (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 & SIGNATURE OF TENDERER

ANNEXURE - 1

SN	Description				
		CUF	CCFCU	FeF	
1	2C x 2.5 sq mm HR PVC/Copper, Armoured Control cable				
2	4C x 2.5 sq mm HR PVC/Copper, Armoured Control cable				
3	8C x 2.5 sq mm HR PVC/Copper, Armoured Control cable				
4	14C x 2.5 sq mm HR PVC/Copper, Armoured Control cable				
5	20C x 2.5 sq mm HR PVC/Copper, Armoured Control cable				
6	28C x 2.5 sq mm HR PVC/Copper, Armoured Control cable				
7	4C x 4 sq mm HR PVC/Copper, Armoured Control cable				
8	8C x 4 sq mm HR PVC/Copper, Armoured Control cable				
		CUF	CCFCU	FeF	ALF
9	2C x 16 sq mm HR PVC/Copper, Armoured Auxiliary Power cable				
10	2C x 25 sq mm HR PVC/Copper, Armoured Auxiliary Power cable				
11	2C x 35 sq mm HR PVC/Copper, Armoured Auxiliary Power cable				
12	4C x 16 sq mm HR PVC/Copper, Armoured Auxiliary Power cable				
13	3.5C x 185 sq mm HR PVC/Copper, Armoured Auxiliary Power cable				
		ALF	CCFAI	FeF	
14	4C x 25 sq mm PVC /Aluminium, Armoured Auxiliary Power cable				
		ALF	CCFAI	FeF	XLFAL
15	4C x 120 sq mm XLPE/Aluminium, Armoured Auxiliary Power cable				
16	4C x 240 sq mm XLPE/Aluminium, Armoured Auxiliary Power cable				

Item Name :	LT POWER AND CONTROL CABLES
Enquiry No. :	90Q2000008
Project :	TANTRANSCO VELLALAVIDUTHI
Type of project	TRANSMISSION
Applicable percentage of Local Content	83%

Format for Affidavit of Self certification regarding Minimum Local Content in line with PPP-MII order, 2017 if applicable, **to be provided on a non-judicial stamp paper of Rs. 100/-.**

Date: / /2019

I _____ S/o, _____ D/o, _____ W/o, _____ Resident of _____ hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Order, 2017 (*hereinafter PPP-MII order*) of Government of India issued vide Notification No:P-45021/2/2017 -BE-II dated 15/06/2017, its revision dated 28/05/2018 and any subsequent modifications/ Amendments, if any and

That the information furnished hereinafter is correct to the best of my knowledge and belief and I undertake to produce relevant records before the procuring entity/**BHEL** or any other Government authority for the purpose of assessing the local content of goods/services/works supplied by me for **(Enter the name of the Equipment/Item for Project).**

That the local content for all inputs which constitute the said goods/services/works has been verified by me and I am responsible for the correctness of the claims made therein.

That the goods/services/works supplied by me for **(Enter the name of the Equipment/Item for Project)** meets the 'Minimum Local Content 'as defined in the PPP-MII order.

That the value addition for the purpose of meeting the 'Minimum Local Content 'has been made by me at **(Enter the details of the location(s) at which value addition is made).**

That in the event of the local content of the goods/services/works mentioned herein is found to be incorrect and not meeting the prescribed Minimum Local Content criteria, based on the assessment of procuring agency (ies)/**BHEL**/Government Authorities for the purpose of assessing the local content, action shall be taken against me in line with the PPP-MII order and provisions of the Integrity pact/ Bidding Documents.

I agree to maintain the following information in the Company's record for a period of 8 years and shall make this available for verification to any statutory authority.

- i Name and details of the Local Supplier
(Registered Office, Manufacturing unit location, nature of legal entity)
- ii. Date on which this certificate is issued
- iii. Goods/services/works for which the certificate is produced
- iv. Procuring entity to whom the certificate is furnished
- v. Percentage of local content claimed and whether it meets the Minimum Local Content prescribed
- vi. Name and contact details of the unit of the Local Supplier (s)
- vii. Sale Price of the product
- viii Ex-Factory Price of the product
- ix. Freight, insurance and handling
- x. Total Bill of Material
- xi List and total cost value of input used to manufacture the Goods/to provide services/in construction of works
- xii. List and total cost of input which are domestically sourced. Value addition certificates from suppliers, if the input is not in-house to be attached
- xiii. List and cost of inputs which are imported, directly or indirectly

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

SCHEDULE OF TECHNICAL DEVIATION

TENDER ENQUIRY NO. -90Q2000008

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.

Place: é é é é é é é

Date : é é é é é é é .

Signature of the authorised representative of

Bidder's name :é é é é é é é é é é é é é é é é

Designation:é é é é é é é é é é é é é é é é é ..

Company Seal:é é é é é é é é é é é é é é é é

SCHEDULE OF COMMERCIAL DEVIATION

TENDER ENQUIRY NO. - 90Q2000008

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: é é é é é é
Date : é é é é é é .

Signature of the authorised representative of

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

CHECKLIST**SCHEDULE OF INFORMATION TO BE FURNISHED WITH THE OFFER**

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.

Put a tick mark on ĩYESò if the information is enclosed with the offer or put a tick mark on ĩNOò if the information is not enclosed or write ĩNOT APPLICABLEò if the information is not applicable.

1.	Technical offer with detailed schedule of equipment / material and spares enclosed.	YES / NO
2.	Guaranteed Technical Particulars as per Section ĩ 4 enclosed.	YES / NO
3.	Schedule of deviation, if any, clause wise with respect to Technical Specification enclosed.	YES / NO
4.	Standard Manufacturing Quality Plan enclosed.	YES / NO
5.	GA Drawings with dimensions and weights & foundation / fixing details enclosed.	YES / NO
6.	Drawing and Data submission schedule enclosed.	YES / NO
7.	Type Test Reports enclosed.	YES / NO
8.	Bar Chart showing the schedule indicating time required for design, manufacture, test and inspection, transport, erection, site testing and commissioning enclosed.	YES / NO
9.	Makes of all components as per technical Specification enclosed.	YES / NO

The above checklist is verified for:-

Offer Ref. :

Equipment :

Submitted by : M/s

Project Reference. :

Signed with Seal é é é é é ..

Date é é é é é ..