

Technical Specifications

SL. No	Description and Technical Specification of the item	QTY	UNIT	Delivery
1	E 9015-B91 SMAW ELECTRODE 4.0 mm Diameter - 4.0 mm Length - 350 mm LONG ASME SEC.II.C, SFA-5.5, E9015-B91 SMAW ELECTRODE AS PER WCPI-245 revision 09 Creep data is required along with supply. Third-Party Inspection (TPI) refers Inspecting Authority (under the Indian Boiler Regulations, 1950) inspection. TPI is mandatory (except - Creep testing) and Inspecting Authority (under the Indian Boiler Regulations, 1950) sign and seal is required on test certificate. Note: Creep testing requirement: Third-Party Inspection (TPI) is not mandatory.	15,000.00	KG	Staggered delivery

GUARANTEE/WARRANTY: The Guarantee/Warranty period shall remain valid for **17 months** from the date of material acceptance at BHEL Trichy, or **18 months** from the date both “the material and the required test certificates as per tender” are received at BHEL Trichy, whichever occurs first.

Delivery schedule:

Lot 1: 8000 KG within 30 Days from date of GEM Contract.

Lot 2: 7000 KG 31 Days to 90 Days from date of GEM Contract.

Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)

Sl. No.	Pre –Qualification Criteria	Bidder remark
1	If Bidder is a manufacturer, Kindly comment in bidder remark.	
2	Bidder shall be a manufacturer of the Quoted items or an authorized dealer of the same. If the offer is quoted by authorized dealer, letter of authorization or agreement duly signed by the manufacturer is required to consider the offer. Tender Enquiry details must available on Letter of authorization or agreement to consider the offer.	
3	Quoted Welding Consumables Brand Name/Product Name	
4	Quoted Product Catalogue	
5	Manufacturing Plant Address / Mill Address	
6	Manufacturer / Bidder shall submit manufacturing process flow chart (Raw material to finished product) along with offer for Quoted Item.	
7	Bidder/Manufacturer shall submit a valid ISO 9001 certificate or Quality management system certificate or Written down procedure for ISO 9001 or A valid ISO 45001 certificate or Written down procedure for Quality inspection.	
8	Manufacturing Plant/Mill capacity for quoted material.	

Seal and Sign of Authorized Person

Sl. No.	Pre –Qualification Criteria	Bidder remark
9	Any deviation from the Specification are to be mentioned in the “Bidder remark Space”. If There is no deviation vendor should indicate “No Deviation”.	
10	Shall confirm to Technical Specifications	
11	Diameter details Length	
12	Seal and Sign on WCPI for Technical Specification Confirmations.	

Seal and Sign of Authorized Person

Third-Party Inspection (TPI)

Third-Party Inspection (TPI) refers Inspecting Authority (under the Indian Boiler Regulations, 1950) inspection.

TPI is mandatory (except - Creep testing) and Inspecting Authority (under the Indian Boiler Regulations, 1950) sign and seal is required on test certificate.

Note: Creep testing requirement: Third-Party Inspection (TPI) is not mandatory.

FOR INFORMATION PLEASE

~~Ref: 0000000000 Ref: 100120120~~

WCPI-245 Revision 09 (Clause 2.4)

2.4 Creep Testing Requirement- The weld metal deposited by this electrode shall meet minimum 1000 hours creep rupture test at testing temperature 665°C and minimum Rupture stress 60 MPa without failure. The results of the tests shall be furnished.

Acceptance criteria for Creep testing result:

Sample tested shall not rupture and shall meet the creep requirements at 1000 hours of testing at indicated temperatures and stress values.

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ADITYA KUMAR
Deputy Engineer
Welding Technology
Welding Technology
Welding Technology



**BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPALLI-620 014
WELDING TECHNOLOGY CENTRE**

Welding Consumable Purchase Instruction

Doc. Number:

WCPI – 245

Revision:

09

Date: 26.04.2024

**WELDING CONSUMABLE PURCHASE INSTRUCTION FOR
NON-SYNTHETIC SMAW ELECTRODE AS PER ASME SEC.II.C, SFA 5.5, CLASS E9015-B91**

1.0 SCOPE:

This purchase instruction prescribes the requirements for non-synthetic Shielded Metal Arc Welding (SMAW) electrode that conforms to ASME SEC II C, SFA- 5.5, E9015-B91.

2.0 GENERAL:

2.1 Electrodes shall be supplied in size and quantity as specified in the purchase order.

2.2 The electrode shall comply with requirements as specified in the latest edition and addenda (applicable on the date of issue of purchase order) of ASME Sec II C, SFA 5.5, E9015-B91 and all tests, acceptance criteria etc. referred in this document shall be in accordance with this. Additional requirements specified in this document shall also be complied.

2.3 The electrode shall be suitable for radiography quality butt joint welding of boiler pressure parts of SA387 Gr91-Plate, SA335 P91-Pipe and SA213 T91-Tube material for high temperature creep resistant service.

2.4 Creep Testing Requirement- The weld metal deposited by this electrode shall meet minimum 1000 hours creep rupture test at testing temperature 665°C and minimum Rupture stress 60 MPa without failure. The results of the tests shall be furnished.

2.5 The electrode shall be non-synthetic type with alloyed core wire that matches with weld metal chemistry.

Prepared:

Aditya Kumar

**Aditya Kumar
DM/WTC**

Reviewed and approved:

R Arivazhagan

**R Arivazhagan
SM/WTC**



3.0 CHEMICAL COMPOSITION:

As per ASME SEC II C, SFA- 5.5, E9015-B91 and the additional requirement specified as below. The chemical composition of the undiluted weld metal deposited using the electrode shall be as follows.

Carbon	0.08-0.13%	Molybdenum	0.85-1.20 %
Manganese	1.20 % Maximum	Vanadium	0.15-0.30 %
Silicon	0.30 % Maximum	Copper	0.25 % Maximum
Sulphur	0.01 % Maximum	Aluminium	0.04 % Maximum
Phosphorus	0.01 % Maximum	Niobium	0.02-0.10 %
Nickel	0.80 % Maximum	Nitrogen*	0.02-0.07 %
Chromium	8.0-10.5 %	Mn+ Ni	1.2 % Maximum
*Minimum=(0.5 x Aluminium content + 0.03) % Elements Sb, Sn and As shall be reported			

4.0 RADIOGRAPHIC SOUNDNESS:

- 4.1 The electrode welded with DCEP shall deposit weld metal that meets radiographic soundness requirements specified in ASME Sec.II C, SFA-5.5, E9015-B91.
- 4.2 The electrodes shall produce acceptable radiographic quality pipe and tube welds in all positions.

5.0 MECHANICAL PROPERTIES:

The mechanical properties of weld metal deposited using the electrode after stress relieving the test plate assembly at $760 \pm 15^{\circ}\text{C}$ for 120 minutes shall be as follows. (Test to be done as per ASME Sec II C, SFA-5.5, E 9015-B91)

- a) Yield strength at 0.2% offset : 530 MPa (Minimum)
- b) Tensile strength : 620 MPa (Minimum)
- c) Elongation : 17% (Minimum)
- d) Absorbed Energy at $+20^{\circ}\text{C}$: 27 Joules Average(Minimum)
(Charpy 'V' Notch Impact test) (Single value shall be ≥ 20 Joules)
- e) Hardness : 195 HV to 320 HV

6.0 FILLET WELD TEST:

Fillet weld test done using the electrode shall meet requirements specified in ASME Sec II C, SFA 5.5, E9015-B91.

7.0 MOISTURE CONTENT OF COVERING:

Moisture content of the electrode covering shall not exceed the limit specified in ASME Sec II C, SFA 5.5, E9015-B91.



8.0 DIFFUSIBLE HYDROGEN CONTENT OF WELD METAL:

Diffusible hydrogen content of weld metal deposited using the electrode shall be maximum of 4ml per 100 grams. Test shall be done as per ASME Sec II C, SFA 5.5, E9015-B91.

9.0 SIZE, COVERING, ARC END AND GRIP END AND IDENTIFICATION:

9.1 SIZE:

Electrodes shall be supplied in diameter and length as specified in the purchase order.

9.2 COVERING:

The core wire and covering shall be free of defects and shall ensure uniform deposition of weld metal. The flux coating shall be uniform and concentric around the core wire such that the performance of welding is not affected in any position and no tapered burning of electrode is permitted. Covering shall not exhibit any cracking during welding at maximum current recommended by manufacturer. The electrode shall not become red hot upon continuous welding through the length of electrode.

9.3 ARC END AND GRIP END:

The arc end of each electrode shall be sufficiently bare and flux coating sufficiently tapered permitting easy striking of the Arc. The grip end shall be bare for a length that is sufficient to provide electrical contact with the electrode holder. Clause 21 of ASME SEC IIC, SFA-5.5, E9015-B91 shall be complied.

9.4 IDENTIFICATION:

All electrodes shall be identified by providing at least one imprint of the electrode classification near the grip end. The numbers and letters of the imprint shall be bold block type and size shall be large enough to be legible.

The ink used for imprint shall provide sufficient contrast with the electrode coating such that the imprint shall remain legible even after drying and welding. Clause 22.1 of ASME SEC II C, SFA-5.5, E9015-B91 shall be complied.

10.0 PACKING AND MARKING OF PACKAGES:

10.1 PACKAGING:

A standard quantity of electrodes with the net weight of each package not exceeding 5Kg shall be packed in hermetically sealed containers or moisture proof cardboard with polythene encapsulated packets.

Electrode packets shall be shipped in wooden crates lined with waterproof material. Net weight of each crate shall not exceed 1000Kg.

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BHARAT HEAVY ELECTRICALS LIMITED
TIRUCHIRAPALLI-620 014
WELDING TECHNOLOGY CENTRE

Doc. Number: WCPI – 245

Revision:09

10.2 MARKING OF PACKAGES:

The package shall be marked clearly with AWS Specification, brand name, classification, lot number, manufacturer name, size and quantity of electrodes with net weight, health and safety warnings.

11.0 CERTIFICATION AND TESTING:

11.1 Batch or Lot classification shall be Class C1 of SFA-5.01 Filler metal procurement guidelines of ASME Sec.II. Part C.

11.2 The level of testing shall be Schedule K of SFA 5.01 Filler metal procurement guidelines of ASME Sec.II. Part -C.

11.3 Original Certified Material Test Report (CMTR) in English countersigned by Inspecting Authority approved by IBR giving details about tests in compliance with this purchase instruction and ASME Sec IIC, SFA-5.5, E9015-B91 shall be sent. In addition, CMTR shall contain purchase order number with date, quantity and customer name.

~~(OR)~~

~~A copy of valid IBR approval certificate for the brand being supplied. Original Certified Material Test Report (CMTR) in English countersigned by testing Authority giving details about tests in compliance with this purchase instruction and ASME Sec IIC, SFA 5.5, E9015 B91 shall be sent. In addition, CMTR shall contain purchase order number with date, quantity and customer name.~~

11.4 The testing authority shall certify that the batch supplied conforms to the requirements of the latest edition and addenda (applicable on the date of issue of purchase order) of ASME Sec II C, SFA 5.5, E9015-B91 and this purchase instruction.

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INSPECTING AUTHORITIES

Sl. No.	Name of Inspecting Authority	Area of Operation
1.	Director of Boilers, Andhra Pradesh	Andhra Pradesh
2.	Chief Inspector of Boiler, Arunachal Pradesh	Arunachal Pradesh
3.	Chief Inspector of Boilers, Assam	Assam
4.	Chief Inspector of Boilers, Bihar	Bihar
5.	Chief Inspector of Boilers, Chhattisgarh	Chhattisgarh
6.	Chief Inspector of Boilers, Daman & Diu and Dadra & Nagar Haveli	Daman & Diu and Dadra & Nagar Haveli
7.	Chief Inspector of Boilers, Delhi	N.C.T.D.
8.	Chief Inspector of Boilers, Goa	Goa
9.	Director of Boilers, Gujarat	Gujarat
10.	Chief Inspector of Boilers, Haryana	Haryana & Chandigarh
11.	Chief Inspector of Boilers, Himachal Pradesh	Himachal Pradesh
12.	Chief Inspector of Boilers, Jharkhand	Jharkhand
13.	Director of Boilers, Karnataka	Karnataka
14.	Director of Boilers, Kerala	Kerala
15.	Director of Boilers, Madhya Pradesh	Madhya Pradesh
16.	Director of Boilers, Maharashtra	Maharashtra
17.	Chief Inspector of Boilers, Meghalaya	Meghalaya

Sl. No.	Name of Inspecting Authority	Area of Operation
18.	Chief Inspector of Boilers, Manipur	Manipur
19.	Chief Inspector of Boilers, Mizoram	Mizoram
20.	Chief Inspector of Boilers, Nagaland	Nagaland
21.	Director of Boilers, Odisha	Odisha
22.	Director of Boilers, Punjab	Punjab
23.	Chief Inspector of Boilers, Puducherry	Puducherry
24.	Chief Inspector of Boilers, Rajasthan	Rajasthan
25.	Director of Boilers, Tamil Nadu	Tamil Nadu
26.	Director of Boilers, Telangana	Telangana
27.	Chief Inspector of Boilers, Tripura	Tripura
28.	Director of Boilers, Uttar Pradesh	Uttar Pradesh
29.	Chief Inspector of Boilers, Uttarakhand	Uttarakhand
30.	Director of Boilers, West Bengal	West Bengal
31.	Chief Inspector of Boilers, Andaman & Nicobar Islands	Andaman & Nicobar Islands
32.	M/s LRQA Inspection Services India LLP Solitaire Corporate Park, Unit No. 1241, Building No. S-12, 4 th Floor, Guru Hargovindji Marg, Andheri-Ghatkopar Link Road, Andheri(East), Mumbai-400 093	Whole of India

Sl. No.	Name of Inspecting Authority	Area of Operation
33.	Bureau Veritas (India) Private Limited 72 Business Park, 8th floor, Marol Industrial Area, Opposite Seepz Gate No.2, MIDC Cross Road "C", Andheri - (East), Mumbai - 400 093, INDIA	Whole of India
34.	M/s Apave TIV India Private Limited, Lakhani's Centrium, 6th Floor, Plot No. 27, Sector 15, CBD Belapur, Navi Mumbai – 400614 Maharashtra	Whole of India
35.	M/s TÜV India Pvt. Limited (TUV Nord Group) 801, Raheja Plaza-1, L.B.S. Marg, Ghatkopar(West), Mumbai-400 086	Whole of India
36.	M/s Intertek India Pvt. Limited E-20, Block-B1, Mohan Co-operative Industrial Area, Mathura Road, New De lhi-110 044	Whole of India
37.	M/s TÜV SÜ D South Asia Pvt. Ltd. TÜ V SÜ D House, Off Saki Vihar Road, Saki Naka, Andheri (East), Mumbai-400 072	Whole of India
38.	M/s HSB International (India) Private Limited, Unit 404, 4 th Floor, “Ozone”, Vikram Sarabhai Mills Compound, Sarabhai Road, Vadodara-390 003 Gujarat	Whole of India
39.	M/s DNV Business Assurance India Pvt.Ltd., Equinox Business Park, Tower 3, 3 rd Floor,, LBS Marg, Kurla (W), Mumbai-400070	Whole of India
40.	M/s IRCLASS Systems and Solutions Pvt. Ltd., Industrial Services, 6th floor, 52-A Adi Shankaracharya Marg, Powai, Mumbai-400072	Whole of India

Sl. No.	Name of Inspecting Authority	Area of Operation
41.	M/s Certification Engineers International Limited, Engineers India Bhawan, First Floor, Plot No. 85, Sec-11, Kharghar, Raigad Dist., Navi Mumbai-410 210 Maharashtra	Whole of India
42.	M/s TUV Rheinland (India) Private Limited, Graphix Tower (Ground Floor), Plot No. 13A, Sector-62, Noida-201301, Uttar Pradesh	Whole of India
43.	M/s TQ Cert Services Private Limited, Splendid Towers, 6th Floor, H.No.1-8-364,437,438 & 445, S.P.Road, Begumpet, Hyderabad-500003 Telangana	Whole of India
44.	M/s TÜV Nord Systems GmbH Co.KG Langemarckstr 20, D-451141 Essen, GERMANY	All countries except India
45.	M/s Japan Inspection Company Limited RBM Higasghi Yaesu Bldg. 10F, No. 2-9, I-Chome, hatchobori, Chou-ku Tokyo, 104-0032, Japan	All countries in Asia except India
46.	M/s S.G.S. Korea Company Ltd. Industrial Division, 50, sinsan-ro 29 beon-gil Saha-gu, Busan, Korea (49439)	Korea & Japan
47.	M/s Bureau Veritas SA, Tour Alto-4 Place des Saisons, 92400 Courbevoie, France	All countries except India
48.	M/s LRQA Verification Limited, 1 Trinity Park, Bickenhill Lane, Birmingham B37 7ES, United Kingdom	All countries except India
49.	M/s TÜV Rheinland AG Am Grauen Stein, D-51105 Köln, Germany	All countries except India

Sl. No.	Name of Inspecting Authority	Area of Operation
50.	M/s ARISE Boiler Inspection & Insurance Company Risk Retention Group Grand Bay 1, 7000 South Edgerton Road Suite 100, Breeksville OH 44141 USA	USA & Canada
51.	M/s TÜV Thüringen e.V., Service-Center Erfurt, Konrad-Zuse- Straße 21, 99099 Erfurt, Germany	Europe & China
52.	M/s SGS-CSTC Standards Technical Services Co. Ltd. 9 th Building No. 69, KangQiao Industrial Park, Block 1159, KangQiao East Road, Pudong District, Shanghai-201 319 China	China
53.	M/s Intertek Inspection Services UK Limited 5 th Floor, 35 Perrymount Road, Haywards Heath, West Sussex, RH16 3BW, United Kingdom	All countries except India
54.	M/s Apave S.A. (Formerly, M/s ABSG Consulting Inc.) 6 rue du General Audran, 92400 Courbevoie, France	All countries except India
55.	M/s The Hartford Steam Boiler Inspection and Insurance Company, One State Street, P.O. Box 5024, Hartford, CT 06102-5024 U.S.A.	All countries except India
56.	M/s SGS-TÜV Saar GmbH Am TUEV 1, D-66280 Sulzbach Germany	Europe
57	M/s TÜV SÜD Industrie Service GmbH, Westendstr. 199, 80686 Munich, Germany	All countries except India

Sl. No.	Name of Inspecting Authority	Area of Operation
57.	M/s Swiss Approval Korea Co. Ltd., 1108, 21, Centum 6-ro, Haeundae-gu, Busan, Republic of Korea	South Korea
58.	M/s Certification Engineers International Limited, Engineers India Bhawan, First Floor, Plot No. 85, Sec-11, Kharghar, Raigad Dist., Navi Mumbai-410 210 Maharashtra	All countries except India
59.	M/s TUV-Thuringen-Promservice LLC, 5 Koroleva str., Office 13, Nakhabino work settlement, Moscow Region, 143430 Russia	Belarus, Belgium, China, Czech Republic, Iran, Poland, Romania, Russia, South Korea, Turkey, Ukraine, Uzbekistan, Kazakhstan

Note: As per IBR-1950, Regulation 4H(2)(v), an Inspecting Authority may also work as a Competent Authority for in-house certification of welders.

Annexure – A- Special Conditions for GeM Enquiry

The terms and condition mentioned in this document are applicable in addition to the Buyer Added Bid Specific Additional Terms & Conditions and GeM General Terms and Conditions. Bidders shall furnish pointwise confirmation/details.

<u>To be filled by bidder</u>				
Description of the item/Equipment:				
GeM Tender No. & Date				
Name of the firm (Bidder)		:		
Address		:		
<u>Contact person 1</u>		<u>Contact person 2</u>		
Name:		Name:		
Designation:		Designation:		
Office Phone:		Office Phone:		
Mobile:		Mobile:		
e-mail:		e-mail:		
Sl	Terms and conditions/Details required			Vendor's confirmation
1.	<u>Quantity Splitting:</u> 60:40 ratios on two bidders for the line item following the GeM splitting guidelines.			
2.	Indicate the MSME status of the bidder. MICRO/SMALL/MEDIUM/Non-MSME (Udyam certificate is to be uploaded in proof of above).			
3.	Any Bidder falling under MSE category shall furnish the following details & submit documentary evidence/ Govt. Certificate etc. in support of the same along with their offer.			
	Type under MSE	SC/ST Owned	Women Owned	Others (excluding SC/ST & Women Owned)
	Micro			
	SMALL			
	Note: If the bidder does not furnish the above in the tender, offer shall be processed construing that the bidder is not falling under MSE category.			
4.	Payment terms shall be as per clause 9 of Buyer Added Bid Specific Additional Terms & Conditions for this tender. Confirm your acceptance for the payment terms relevance to your MSME status indicated above. Note: If it is indicated as "For availing benefits of Priority Sector Lending(PSL) ONLY" in Udyam certificate, then no MSME benefit will be considered for this tender.			
5.	Liquidated Damages shall be as per clause 18 of Buyer Added Bid Specific Additional Terms & Conditions. Confirm your acceptance.			

6.	Offers from Indigenous supplier will be considered only if they have a valid GST registration certificate. Please Indicate the GST registration number. If any specific exemption is available, a declaration with due supporting documents need to be furnished for considering the offer.	GST No. _____
7.	Performance Bank Guarantee: Not Applicable	
8.	HSN Code for the quoted items	HSN CODE : _____
9.	Rate quoted in GeM portal should be on FOR destination basis inclusive of all taxes, P&F, freight etc. Transit Insurance is under Supplier scope. Please indicate how much GST percentage is included in quoted price.	GST in %: _____
10.	Technical (Specification, brand, etc.) and commercial terms agreed against BHEL clarifications during the techno-commercial evaluation stage should also be honoured by the bidder, even if they aren't explicitly part of the final GeM contract. The rationale behind this is that such agreements influence the final decision and are not captured by GeM in to the GeM contract. Please confirm your acceptance.	
11.	All the terms and conditions in Buyer Added Bid Specific Additional Terms & Conditions of this tender are read, understood and agreed by the vendor without any deviation. Vendor to confirm.	
12.	Duly filled, signed and stamped copies of the annexures as indicated in clause 31 of Buyer Added Bid Specific Additional Terms & Conditions of the enquiry are to be provided in the letter head of the Supplier. Please fill the annexures with GeM enquiry number, Item description and your company name wherever required. Also please Tick the appropriate option wherever required.	

Vendor's Seal & Signature

CHECK LIST

NOTE: - Suppliers are required to fill in the following details in their Letterhead and no column should be left blank

A	Name and Address of the Supplier		
B	GSTN No. the Supplier (Place of Execution of Contract / Purchase Order)		
C	Details of Contact person for this Tender	Name: Mr./ Ms. Designation: Telephone No: Mobile No: Email ID:	
D	EMD DETAILS	Not applicable	
E	DESCRIPTION	APPLICABILITY (BY BHEL)	ENCLOSED BY BIDDER
i.	Whether Pre - Qualification Criteria is understood and provided proper supporting documents.	Applicable/ Not Applicable	YES / NO
ii.	Whether all pages of the Tender documents including annexures, appendices etc are read and understood	Applicable/ Not Applicable	YES / NO
iii.	Audited Balance Sheet and profit & Loss Account for the last three years	Applicable/ Not Applicable	YES / NO
iv.	Copy of PAN Card & GST registration	Applicable/ Not Applicable	YES / NO
v.	Submission of Udyam certificate as specified in Tender (applicable in case of MSME supplier)	Applicable/ Not Applicable	YES / NO
vi.	Offer forwarding letter / tender submission letter as per Annexure – 2	Applicable/ Not Applicable	YES / NO
vii.	Submission of Certificate of No Deviation as per Annexure – 3	Applicable/ Not Applicable	YES / NO
viii.	Declaration regarding Insolvency/ Liquidation/ Bankruptcy Proceedings as per Annexure – 4	Applicable/ Not Applicable	YES / NO
ix.	Declaration by Authorized Signatory as per Annexure – 5	Applicable/ Not Applicable	YES / NO
x.	Declaration by Authorized Signatory regarding Authenticity of submitted Documents Annexure – 6	Applicable/ Not Applicable	YES / NO
xi.	Submission of Non-Disclosure Certificate as per Annexure – 7	Applicable/ Not Applicable	YES / NO
xii.	Submission of Integrity Pact as specified in Tender as per Annexure – 8	Applicable/ Not Applicable	YES / NO
xiii.	Declaration confirming knowledge about Site Conditions as per Annexure – 9	Applicable/ Not Applicable	YES / NO

xiv.	Declaration reg. Related Firms & their areas of Activities as per Annexure – 10	Applicable/ Not Applicable	YES / NO
xv.	Declaration for relation in BHEL as per Annexure – 11	Applicable/ Not Applicable	YES / NO
xvi.	Declaration reg. minimum local content in line with revised public procurement as per Annexure – 12	Applicable/ Not Applicable	YES / NO
xvii.	Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017 as per Annexure – 13	Applicable/ Not Applicable	YES / NO
xviii.	Bank Account Details for E-Payment as per Annexure – 14	Applicable/ Not Applicable	YES / NO
xix.	Power of Attorney for submission of tender as per Annexure – 15	Applicable/ Not Applicable	YES / NO
xx.	Proforma of Bank Guarantee for Earnest Money as per Annexure – 16	Applicable/ Not Applicable	YES / NO
xxi.	Treatment of cases regarding conflict of interest as per Annexure – 20	Applicable/ Not Applicable	YES / NO

NOTE: Strike off 'YES' or 'NO', as applicable. Tender not accompanied by the prescribed **above applicable documents** are liable to be summarily rejected.

DATE:

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

CERTIFICATE OF NO DEVIATION

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Subject: **No Deviation Certificate**

Ref: 1) GeM Bid No:

2) All other pertinent issues till date

We hereby confirm that we have not changed/ modified/materially altered any of the tender documents as downloaded from the website/ issued by BHEL and in case of such observance at any stage, it shall be treated as null and void.

We also hereby confirm that we have neither set any Terms and Conditions and nor have we taken any deviation from the Tender conditions together with other references applicable for the above referred GeM Bid.

We further confirm our unqualified acceptance to all Terms and Conditions, unqualified compliance to Tender Conditions.

We confirm to have submitted offer in accordance with tender instructions and as per aforesaid references.

Thanking you,

Yours faithfully,

**(Signature, date & seal of
authorized representative of the
bidder)**

Date:

Place:

UNDERTAKING

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/Madam,

Sub: DECLARATION REGARDING INSOLVENCY/ LIQUIDATION/ BANKRUPTCY PROCEEDINGS

Ref: GeM Bid Specification No:

I/We, _____ declare that, I/We am/are not admitted under insolvency resolution process or liquidation under Insolvency and Bankruptcy Code, 2016, as amended from time to time or under any other law as on date, by NCLT or any adjudicating authority/authorities

**Sign. of the AUTHORISED SIGNATORY
(With Name, Designation and Company seal)**

Place:

Date:

DECLARATION BY AUTHORISED SIGNATORY OF BIDDER

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: **Declaration by Authorised Signatory regarding Authenticity of submitted documents.**

Ref: 1) GeM Bid No. & Date:

2) All other pertinent issues till date

I/We, hereby certify that all the documents submitted by us in support of possession of "Qualifying Requirements" are true copies of the original and are fully compliant required for qualifying / applying in the bid and shall produce the original of same as and when required by Bharat Heavy Electricals Limited.

I / We hereby further confirm that no tampering is done with documents submitted in support of our qualification as bidder. I / We understand that at any stage (during bidding process or while executing the awarded contract) if it is found that fake / false / forged bid qualifying / supporting documents / certificates were submitted, it would lead to summarily rejection of our bid / termination of contract. BHEL shall be at liberty to initiate other appropriate actions as per the terms of the Bid / Contract and other extant policies of Bharat Heavy Electricals Limited.

Yours faithfully,

**(Signature, Date & Seal of Authorized
Signatory of the Bidder)**

Date:

NON-DISCLOSURE CERTIFICATE

(To be Typed & submitted in the Letter Head of the Company/Firm of Bidder)

I/We understand that BHEL, Trichy is committed to Information Security Management System as per their Information Security Policy.

Hence, I/We M/s who are submitting offer for providing Supply/services to BHEL, Trichy against GeM Bid No..... hereby undertake to comply with the following in line with Information Security Policy of BHEL, Trichy.

- To maintain confidentiality of documents & information which shall be used during the execution of the Contract.
- The documents & information shall not be revealed to or shared with third party which shall not be in the business interest of BHEL, Trichy.

(Signature, date & seal of Authorized Signatory of the bidder)

Date:

DECLARATION

Date: _____

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir/ Madam,

Sub: Details of related firms and their area of activities

Please find below details of firms owned by our family members that are doing business/ registered for same item with BHEL, _____ (NA, if not applicable)

1	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
2	Material Category/ Work Description	
	Name of Firm	
	Address of Firm	
	Nature of Business	
	Name of Family Member	
	Relationship	
...		

Note: I certify that the above information is true and I agree for penal action from BHEL in case any of the above information furnished is found to be false.

Regards,

(_____)

From: M/s

Supplier
Code:

Address:

DECLARATION FOR RELATION IN BHEL

(To be typed and submitted in the Letter Head of the Company/Firm of Bidder failing which the offer of Bidder is liable to be summarily rejected)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration for relation in BHEL

Ref: 1) GeM Bid Specification No:

I/We hereby submit the following information pertaining to relation/relatives of Proprietor/Partner(s)/ Director(s) employed in BHEL

Tick (✓) any one as applicable:

1. The Proprietor, Partner(s), Director(s) of our Company/Firm DO NOT have any relation or relatives employed in BHEL

OR

2. The Proprietor, Partner(s), or Director(s) of our Company/Firm HAVE relation/relatives employed in BHEL and their particulars are as below:

i.

ii.

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note:

1. Attach separate sheet, if necessary.
2. If BHEL Management comes to know at a later date that the information furnished by the Bidder is false, BHEL reserves the right to take suitable against the Bidder/Contractor.

**DECLARATION REGARDING MINIMUM LOCAL CONTENT IN LINE WITH
REVISED PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER
2017 DATED 04TH**

JUNE, 2020 AND SUBSEQUENT ORDER(S)

(To be typed and submitted in the Letter Head of the Entity/Firm providing certificate as applicable)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration reg. minimum local content in line with Public Procurement (Preference to Make in India), Order 2017-Revision, dated 04th June, 2020 and subsequent order(s).

Ref: 1) GeM Bid Specification No:

2) All other pertinent issues till date

We hereby certify that the items/works/services offered by.....
(specify the name of the organization here) has a local content of _____ % and this meets the local content requirement for '**Class-I local supplier**' / '**Class II local supplier**' ** as defined in Public Procurement (Preference to Make in India), Order 2017-Revision dated 04.06.2020 issued by DPIIT and subsequent order(s).

The details of the location(s) at which the local value addition is made are as follows:

- | | |
|----------|----------|
| 1. _____ | 2. _____ |
| 3. _____ | 4. _____ |

Thanking you,
Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the
Bidder)**

**** - Strike out whichever is not applicable.**

Note:

1. Bidders to note that above format, duly filled & signed by authorized signatory, shall be submitted along with the techno-commercial offer.
2. In case the bidder's quoted value is in excess of Rs. 10 crores, the authorized signatory for this declaration shall necessarily be the statutory auditor or cost auditor of the company (in the case of companies) or a practising cost accountant or practicing chartered accountant (in respect of suppliers other than companies).
3. In the event of false declaration, actions as per the above order and as per BHEL Guidelines shall be initiated against the bidder.

DECLARATION REGARDING COMPLIANCE TO RESTRICTIONS UNDER RULE 144 (xi) OF GFR 2017

(To be typed and submitted in the Letter Head of the Entity/ Firm providing certificate as applicable)

To,

(Write Name & Address of Officer of BHEL inviting the Tender)

Dear Sir,

Sub: Declaration regarding compliance to Restrictions under Rule 144 (xi) of GFR 2017

Ref: 1) GeM Bid Specification No:
2) All other pertinent issues till date

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that _____ (**SPECIFY THE NAME OF THE ORGANIZATION HERE**), is not from such a country/ has been registered with the Competent Authority (*attach valid registration by the Competent Authority, i.e., the Registration Committee constituted by the Dept. for Promotion of Industry and Internal Trade (DPIIT).*

I hereby certify that we fulfil all requirements in this regard and is eligible to be considered.

Thanking you,

Yours faithfully,

**(Signature, Date & Seal of
Authorized Signatory of the Bidder)**

Note: Bidders to note that in case above certification given by a bidder, whose bid is accepted, is found to be false, then this would be a ground for immediate termination and for taking further action in accordance with law and as per BHEL guidelines.

TREATMENT OF CASES REGARDING CONFLICT OF INTEREST

The bidder notes that a conflict of interest would said to have occurred in the tender process and execution of the resultant contract, in case of any of the following situations:

- i) If its personnel have a close personal, financial, or business relationship with any personnel of BHEL who are directly or indirectly related to the procurement or execution process of the contract, which can affect the decision of BHEL directly or indirectly;
- ii) The bidder (or his allied firm) provided services for the need assessment/ procurement planning of the Tender process in which it is participating;
- iii) Procurement of goods directly from the manufacturers/ suppliers shall be preferred. However, if the OEM/Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer/ supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer/ supplier or the manufacturer/ supplier could bid directly but not both. In case bids are received from both the manufacturer/ supplier and the agent, bid received from the agent shall be ignored. However, this shall not debar more than one Authorised distributor (with/ or without the OEM) from quoting equipment manufactured by an Original Equipment Manufacturer (OEM) in procurements under a Proprietary Article Certificate.
- iv) A bidder participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as a partner/ JV member or sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of an entity as a sub-contractor in more than one bid if he is not bidding independently in his own name or as a member of a JV.

The Bidder declares that they have read and understood the above aspects, and the bidder confirms that such conflict of interest does not exist and undertakes that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s), in this regard. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. **In case, the Bidder is found having indulged in above activities, the same will be considered as a violation of the tender conditions, and suitable action shall be taken by BHEL as per extant policies/ guidelines.**

(Signature, Date & Seal of Authorized
Signatory of the Bidder)