

Bharat Heavy Electricals Ltd.,

(A Government of India undertaking)

Electronics Division

PB No.2606, Mysore Road, Bangalore-560026, India

E-TENDER

Quotations are invited under two part bid system (open tender) for Supply and On-Site Commissioning Support for Hybrid Inverters for Solar Powered Mini Grid project in Kaduna, Nigeria through e-procurement route.

| | |
|--|---|
| RFQ NO and date | RAJBOS0059 dated 29.08.2020 (E-tender) |
| RFQ due date & time | 10.09.2020 up to 13.00 hrs (IST) |
| Date, Time & Venue of Part-I Bid Opening | 10.09.2020 after 13.30 hrs (IST) (E-tender) – Website - https://bhel.abcprocure.com |
| Date, Time & Venue of Price Bid opening | Will be intimated later for technically accepted vendors |
| Address for Communication & Contact Person in BHEL | Mr. Rajesh S (09845634534)/ Mr. Vivek Yadav (09449039232), SC&PV MM Department, BHEL Electronics Division, PB NO 2606, Mysore road, Bangalore-560 026. INDIA Email: s.rajesh@bhel.in vivekyadav@bhel.in Telephone number: +91 80 26989637 |

Note:

- 1) This is not a Global Tender. Latest GOI guidelines w.r.t Make in India, MSEs, Local Suppliers, Contracts valued less than Rs.200 Crore shall be applicable to this tender.
- 2) Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority

RFQ No. RAJBOS0059- Pre Qualification Criteria

BHEL-EDN is executing Solar Powered Mini Grid project in Kaduna State, Nigeria working in consortium with M/s. Skipper Electricals (India) Limited.


Tenders for solar inverter are being floated on Open Tender basis for below quantities:

| S. No | Item Description | Rating | Qty |
|--------------|---------------------------------------|---------------|------------|
| 1 | Solar inverter cum charge controllers | 5 kVA | 193 Nos., |
| | | 10 kVA | 32 Nos., |
| | | 15 kVA | 5 Nos., |

Pre-Qualification Criteria (PQC) is as below:

- A.** Vendor should have manufactured, supplied and commissioned Solar inverter cum charge controller of cumulative rating, equivalent to at least 450 kVA during the last five years from the technical bid opening date, which should be in satisfactory operation for at least one year. Evidence shall be furnished in the form of purchase orders along with performance certificate from customer.
- B.** Vendor shall be an Original Equipment Manufacturer (OEM). Vendor shall submit the product catalogue along with service network details.

REQUEST FOR QUOTATION

| | | | |
|--|---|--|---|
|  | BHARAT HEAVY ELECTRICALS LIMITED Electronics Division PB No. 2606, Mysore Road Bangalore - 560026 INDIA | RFQ NUMBER: RAJBOS0059 RFQ DATE : 29.08.2020 | Due Date/Day: 10.09.2020 THU Time : 13:00 HRS Tender Box : Reception Area Opening Venue: NEW ENGG. BLDG |
| MMI:PU:RF:003 | (address for communication) : | | (for all correspondence) |
| | | Purchase Executive : RAJESH SHELMEDA Phone : 26989637 Fax : 00918028520135 E-mail: s.rajesh@bhel.in | |

| SI No. | Description | Qty | Unit | Delivery qty | Delivery Date |
|--------|--|-----|------|--------------|---------------|
| 1 | PS0679087222 Supply of 5 kW Hybrid Solar Inverter * HSN/SAC : 9954 Test Certificate | 193 | NO | 193 | 12.11.2020 |
| 2 | PS0679087230 Supply of 10 kW Hybrid Solar Inverter * HSN/SAC : 9954 Test Certificate | 32 | NO | 32 | 12.11.2020 |
| 3 | PS0679087249 Supply of 15 kW Hybrid Solar Inverter * HSN/SAC : 9954 Test Certificate | 5 | NO | 5 | 12.11.2020 |
| 4 | PS0679087257 On-site commissioning support * HSN/SAC : 9954 On-site commissioning support for inverters in Nigeria 1 AU = 1 visit as per BHEL specification | 1 | AU | 1 | 12.11.2020 |
| 5 | PS0679087265 Additional Warranty for inverters * HSN/SAC : 9954 (1 AU = 1 year) | 3 | AU | 3 | 12.11.2020 |

Total Number of Items - 5

1.
2.

TWO PART BID - SUBMIT TECHNICAL AND PRICE BID IN SEPARATE SEALED COVERS

NOTES:

1. This RFQ is governed by:
 - a) INSTRUCTIONS TO BIDDERS/SELLERS and GENERAL CONDITIONS OF CONTRACT FOR PURCHASE available at <http://edn.bhel.com> (**RFQ-PO Terms & Conditions**)
 - b) Any other specific Terms and Conditions mentioned.
 2. Bidders / Representatives who would like to be present during opening of offers are required to furnish authorization letter for the same.
- * The HSN/SAC no mentioned against the line items in the RFQ are indicative only.

For and On behalf of BHEL.

RAJESH SHELMEDA
Semiconductors & Pho

1 OF 1



PURCHASE SPECIFICATION

PS-439-1350

GROUP: PHOTOVOLTAICS

Rev No: 00

ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER

PAGE: 1 of 8

COPYRIGHT AND CONFIDENTIAL

The information on this document is the property of Bharat Heavy Electricals Limited.
It must not be used directly or indirectly in anyway detrimental to the interest to the company.

TECHNICAL SPECIFICATION

FOR

HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER

Revision details: R00

Prepared by:


A. Nanda Kishor

Approved by:

[Signature]

Date

19/8/2020

| | | |
|--|---|---------------------|
|  | PURCHASE SPECIFICATION | PS-439-1350 |
| | GROUP: PHOTOVOLTAICS | Rev No: 00 |
| | ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER | PAGE: 2 of 8 |

1.0 INTRODUCTION:

This technical specification provides BHEL's requirement for Design, Engineering, Manufacture, Supply, I&C support at site, Training and Warranty conditions of Hybrid Solar Inverter cum Charge Controllers (hereinafter referred to as inverters). These inverters are meant for generating electricity from solar photovoltaic panels and also charge Nickel-Cadmium batteries for supplying power to various emergency loads in solar mini grids. These mini grids will be installed at 221 community health centers located at different places spread within Kaduna State of Nigeria, Africa. List of site locations is enclosed on Annexure-1.

2.0 SCOPE OF VENDOR:

- a) Supply of Hybrid Solar inverter cum charge controllers of ratings 5 kW, 10 kW and 15 kW including spare inverters – Quantities as per BHEL RFQ document
- b) Support at site for Installation & Commissioning
- c) Training to customer's engineers & integrator at site
- d) Service support during Comprehensive Warranty period

3.0 Methodology of operation:

The proposed Solar mini grid has to work in conjunction with the grid or DG sets in either of the following two scenarios:

- 1) In the day time the first priority of the inverter shall be to charge the battery. Whenever battery reaches float charge, inverter shall be supplying the connected load in conjunction with the grid or DG.
- 2) It shall function as a stand-alone power plant feeding the connected loads when grid is not available. Most of the sites do not have DG or grid, only few sites will have

In case inverter is not functioning, there shall be provision to bypass the load on to grid or DG. At any point there shall not be any back feeding to the DG. Vendor can suggest the best operating scenario as per inverter design for stable operation with optimum utilization of solar energy available and using Ni-Cd batteries for energy storage.

Battery based solar inverter cum charge controller shall be a single panel. Charge controller will be integral part of inverter. Charge controller is the front end of the solar inverter which will have the MPPT charger in order to charge the battery and shall be internally coupled with inverter section of the solar inverter.

The charge controller shall be having the following functionalities:

- (a) Charge controller shall be capable of 3 step (float, boost and trickle) charging, depending on the state of charge of the battery. Inverter/charge controller shall utilize solar/grid power to charge the battery bank till battery reaches float with solar as priority for charging the battery.
- (b) Once the battery cells reach float, solar power generated shall be used to meet the connected site load. The provision for grid export is optional and shall be set point controllable if not required.
- (c) In general, the priority of supply to the load should be solar, grid and battery.
- (d) Once the battery cell drops below the pre-determined voltage (say 1.1 V_{pc}), load should be switched over from battery to grid automatically. Solar/grid charging shall commence and

**PURCHASE SPECIFICATION****GROUP: PHOTOVOLTAICS****ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER**

PS-439-1350

Rev No: 00

PAGE: 3 of 8

continue till battery reaches float. After battery cells reaches float voltage, charging shall be adjusted in such a way to maintain the float voltage.

All necessary equipment required for the above operation shall be considered in the scope of supply by the vendor.

4.0 TECHNICAL SPECIFICATIONS:

| PARAMETER | DESCRIPTION | | | Vendor Compliance (YES/ NO) |
|--|--|---------------|---------------|-----------------------------|
| | 5 kVA | 10 kVA | 15 kVA | |
| INVERTER RATING | 5 kVA | 10 kVA | 15 kVA | |
| PV ARRAY | | | | |
| PV Module | BHEL make SPV Modules of 315Wp rating | | | |
| PV nominal Capacity | 5 kWp | 10 kWp | 15 kWp | |
| Total Number of Modules | 16 | 35 | 48 | |
| No. of PV modules in series | 4 | 7 | 12 | |
| String open circuit voltage, Voc | 181.2 V | 317.1 V | 543.6 V | |
| String MPP voltage, Vmp | 150.44 V | 263.27 V | 451.32 V | |
| String MPP Current, Imp | 8.38 A | 8.38 A | 8.38 A | |
| No. of inputs to Inverter | 1 | 1 | 1 | |
| SOLAR CHARGE CONTROLLER (Integral part of Inverter) | | | | |
| Nominal PV array Capacity | 5 kWp | 10 kWp | 15 kWp | |
| Max PV array capacity | Vendor to specify | | | |
| Controller type | MPPT | MPPT | MPPT | |
| No. of MPPT channels | 1 | 1 | 1 | |
| Prioritization of power consumption | Prioritization of power consumption shall be possible to set as per requirement | | | |
| Charger Output current (Minimum) | 70A | 60A | 50A | |
| Battery Temperature compensation | Shall be available. Settings shall be as per battery manufacturer recommendations | | | |
| BATTERY BANK | | | | |
| Nominal bank voltage | 48 V DC | 120 V DC | 240 V DC | |
| Mandatory battery Type | Ni-Cd | Ni-Cd | Ni-Cd | |
| Compatible battery types | Vendor to specify | | | |
| Capacity used | 900 AH@C5 | 720 AH@C5 | 540 AH@C5 | |
| AH Capacity Range | Vendor to confirm inverter suits for any AH capacity of battery, with ability to scale up PV array size, up to maximum PV capacity rating of the inverter cum charge controller. | | | |
| Nominal cell voltage | 1.2 V | 1.2 V | 1.2 V | |
| Float charge voltage | Approx. 1.42 V/ cell | | | |
| Boost charge voltage | Approx. 1.65 to 1.7 V/ cell | | | |
| Charger compatibility | Vendor to confirm battery shall be charged as per battery manufacturer recommendations. | | | |

**PURCHASE SPECIFICATION****GROUP: PHOTOVOLTAICS****ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER**

PS-439-1350

Rev No: 00

PAGE: 4 of 8

| INVERTER | | | | |
|--|--|----------------------------|---------------------------|--|
| Continuous rating | 5 kVA | 10 kVA | 15 kVA | |
| Inverter Type | Pure Sine wave | Pure Sine wave | Pure Sine wave | |
| DC Input voltage range | To match with the PV array configuration given above. Vendor shall furnish the details. | | | |
| Maximum DC Input voltage | | | | |
| Nominal Output voltage | 230/ 240 V AC | 230/ 240 V AC | 415 V AC | |
| No. of phases / Connection type | Single Phase/ 2-wire (L-N) | Single Phase/ 2-wire (L-N) | Three Phase/ 4-wire (L-N) | |
| Nominal frequency | 50 Hz | 50 Hz | 50 Hz | |
| Efficiency | Min. 87% | Min. 87% | Min. 87% | |
| Load power factor | 0.8 to Unity or better | 0.8 to Unity or better | 0.8 to Unity or better | |
| Voltage Regulation | +/- 2% | +/- 2% | +/- 2% | |
| Galvanic Isolation | Inbuilt isolation transformer at inverter output | | | |
| Protections | | | | |
| PV side | Reverse polarity, Surge protection | | | |
| Battery side | Reverse polarity, Over/Under voltage, Current limit | | | |
| Load side | Over load, Short Circuit, Over/Under voltage | | | |
| System Protection | Over temperature protection | | | |
| Vendor shall specify additional protections for the safe operation of the PV power plant apart from the minimum specified above. | | | | |
| Display parameters on Inverter screen | | | | |
| Array | Voltage, Current, Power | | | |
| Battery | Voltage, Current | | | |
| Output | Voltage, Current, Power | | | |
| Indication | Display of mode of operation | | | |
| Network and communication | | | | |
| Remote monitoring | Remote monitoring provision shall be available in the inverter. Necessary SIM card for GPRS connection / internet connection will be arranged by customer | | | |
| Network communication to controller and other components | Provision for communication over Modbus RS232. Display & logging of DC and AC parameters shall be available with memory to store data. There shall be provision to monitor downloading the parameters through PC/Laptop Remotely through GPRS shall be provided. | | | |
| Miscellaneous | | | | |
| Installation | Indoor (Non-airconditioned) and floor mounted | | | |
| Enclosure protection | IP20 or better | | | |
| Ambient Temperature | 0 to 50°C | | | |

**PURCHASE SPECIFICATION**

PS-439-1350


GROUP: PHOTOVOLTAICS

Rev No: 00

ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER

PAGE: 5 of 8

| | | |
|---|---|--|
| Humidity | Max 95% non-condensing | |
| Cable termination type | Bus bar type with ring type lugs | |
| Applicable standards | Compliance to IEC standards: IEC 61683 & IEC 60068-2-1, IEC 60068-2-2, IEC 60068-2-14, IEC 60068-2-30 certificates for the same rating inverters as specified above | |
| Auxiliary power requirement for inverters | Inverters shall draw power from solar or grid or battery for operation of inverter. No separate auxiliary power supply will be provided. | |
| Isolation Mechanism for Solar, grid, battery and load connections | Fuse/ MCB/ MCCB. Vendor to specify | |
| Dimensions | Vendor to specify | |
| Weight | Vendor to specify | |
| Busbars | Suitable size of Tinned copper Busbars shall be provided. Busbar sizing calculations shall be provided during detailed engineering. Bus bars (both AC and DC) shall be suitably colour coded. | |
| Cable entry | Rear entry preferable. If the cable entry is from bottom, suitable stand shall be supplied for facilitating cable entry without construction of cable trenches. | |
| Gland plates (if any) | Drilled Gland plates shall be provided for DC and AC cables with holes to accommodate the cable glands. | |
| Cable glands (if any) | If glands are required for termination of DC and AC cables, same shall supplied along with inverter. | |
| Cable lugs | Cable lugs will be supplied by BHEL/ BHEL's integrator. Vendor has to specify the exact termination details | |
| Cable termination hardware | Cable termination hardware (Bolts, Nuts & washers) will be supplied by BHEL/ BHEL's integrator. | |
| Panel Construction | Vendor shall design the panel for withstanding the high temperature tropical conditions of Nigeria. Vendor has to submit the construction details along with finish to BHEL for approval. All hardware used shall be SS304. | |
| Base channel | Vendor to specify the details. | |
| Painting | Epoxy based powder coating. Powder coating shall meet the requirement of IS 13871 Paint shade shall be informed during detailed engineering. | |
| Earthing terminals as per relevant standards | Earthing terminals or busbars shall be provided using tinned copper of suitable cross section. | |

| | | |
|--|---|---------------------|
|  | PURCHASE SPECIFICATION | PS-439-1350 |
| | GROUP: PHOTOVOLTAICS | Rev No: 00 |
| | ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER | PAGE: 6 of 8 |

| | | |
|----------------------|--|--|
| | Terminals shall be brought out to facilitate external connections. | |
| Special Instructions | Special conformal coating on all PCB cards to be coated, if required, to withstand the high temperature tropical conditions of Nigeria | |
| PACKING | Shipping and packing shall be as per instructions enclosed. Each set of inverter shall be packed separately as the site locations are different. Any changes in shipping and packing methodology shall be subject to BHEL approval | |
| BHEL Monogram | BHEL Monogram shall be fixed on all inverters. Design of monogram will be provided by BHEL | |

5.0 Documents to be submitted along with offer without which offer shall be liable for rejection:

1. Tentative Data sheets and Drawings – GA, SLD, BOM, Mounting arrangement & weight etc.
2. Filled in values/details wherever the same is asked for in BHEL technical specifications.
3. Type Test certificates for all specified standards
4. Vendor shall provide clause wise compliance to BHEL specification with sign and seal on every page.

In case of any clarifications needed in this specification, the same needs to be communicated in writing at least five days earlier to the technical bid opening date.

6.0 Documents to be submitted for BHEL approval within 1 week after receipt of Purchase order


1. Technical Data sheets of all equipment
2. Drawings – GA, SLD, BOM, Mounting arrangement etc. of all equipment
3. Type test certificates and reports of all equipment
4. Manufacturing Quality Plan (MQP) & inspection plan of all equipment indicating all tests/checks per relevant IS/IEC standards, as called in this document and any other relevant standards shall be submitted to BHEL for approval.
5. Installation & Commissioning Manual of all equipment
6. Checklist for commissioning and validating the set points
7. Operation and maintenance manual of all equipment

7.0 Support from vendor during document approval phase

During the phase of approval of design / engineering / quality documents (GA, GTP, BOM, MQP, Test report etc.), it will be required to hold in-depth discussions with BHEL/customer to provide clarifications through clear understanding of technical queries. Accordingly, when needed, vendor shall hold direct (across-the-table) discussions or through Video-conference with BHEL (Bangalore office) and/ or customer to eliminate undue time delays.

8.0 Inspection and testing of equipment at vendor works:

BHEL and/ or BHEL customer shall witness the testing of inverters as per relevant IS/IEC standards/inspection plan. All routine tests and acceptance tests on final products shall be done as per MQP approved by the BHEL. Factory test report shall be submitted to BHEL along with

| | | |
|--|---|---------------------|
|  | PURCHASE SPECIFICATION | PS-439-1350 |
| | GROUP: PHOTOVOLTAICS | Rev No: 00 |
| | ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER | PAGE: 7 of 8 |

inspection call. BHEL reserves right to witness the test/inspection or waive the test/inspection. Schedule of inspection shall be intimated to BHEL at least one week in advance. Waiver of inspection does not relieve the vendor's responsibility for compliance to product specification.

Following are the minimum tests to be conducted but not limited to (sampling plan for tests will be decided during approval of MQP):

- a) HV and IR tests
- b) Functional tests (Including testing with solar & battery)
- c) Load testing of inverter for verification of display parameters and operation of inverter at 25%, 50%, 75% and 100% loads
- d) Heat Run Test at rated full load
- e) Protection tests (by direct method or simulation method)

9.0 SONCAP Certification:

The material being exported to Nigeria shall comply to Standards Organization of Nigeria Conformity Assessment Programme (SONCAP). Vendor may refer www.son.gov.ng for the details.

It is the responsibility of the vendor to provide the valid SONCAP certificate to BHEL for the shipment of the material.


10.0 Supervision/assistance for Commissioning:

Vendor shall depute their service engineer for a visit in Kaduna, Nigeria for testing and commissioning of inverters as per the intimation of BHEL. Service engineer shall carry all the required accessories, laptop, tool kits & measuring instruments required for the commissioning of the inverters. Service engineer shall also demonstrate communication and monitoring of inverter through PC/ laptop and remote monitoring of inverter.

It shall be assumed that 5 inverters shall be commissioned in a single visit. Approximately 20 days shall be considered for the commissioning of 5 inverters. A single lump-sum price shall be offered for installation and commissioning support. The lump-sum price shall include all the incidental costs for visit that will be incurred by the vendor towards the above activities including Travel, Visa charges, Insurance, medical expenses, local conveyance, boarding, lodging and any other contingency expenses which are explicitly not mentioned.

11.0 Training to BHEL's integrator and Customer:

Vendor shall train BHEL/BHEL's integrator in installation and commissioning of inverters by imparting training at vendor's works and hands-on training at five sites in the above visit. Vendor shall provide detailed installation and commissioning procedure with the necessary checklists. BHEL/BHEL's integrator shall commission the inverters at the remaining 216 sites. It is the vendor's responsibility to impart complete training to BHEL's integrator and ensure complete online support as required for commissioning of all the inverters. If any failure or internal technical problem is encountered in the equipment during commissioning of remaining 216 sites, it will be replaced free of cost by vendor. Any additional visits required to complete commissioning will be in the vendor's scope and no payment will be made by BHEL for additional visits.

| | | |
|--|---|---------------------|
|  | PURCHASE SPECIFICATION | PS-439-1350 |
| | GROUP: PHOTOVOLTAICS | Rev No: 00 |
| | ITEM : HYBRID SOLAR INVERTER CUM CHARGE CONTROLLER | PAGE: 8 of 8 |

During the above onsite commissioning support visit, complete training on technical features, installation & commissioning procedure, operation & maintenance aspects, trouble-shooting, data monitoring and data logging of the inverter shall be given to end customer at Renewable Energy Academy in Kaduna.

Charges incurred by the vendor towards the training to BHEL's integrator and customer shall be deemed to be included in the cost of supply of inverters. No additional payment will be made by BHEL/ end customer.

12.0 Comprehensive Warranty Support:

During the warranty period, whenever a technical problem is encountered with equipment supplied by vendor, BHEL/ end customer shall report the same to the vendor. Vendor must ensure that the problem is attended either by replacement or repair of the defective part(s)/ inverters free of cost. Charges incurred by the vendor towards repair/replacement, travel, lodging, boarding, material transportation, service and any other contingency expenditure shall be deemed to be included in the cost of equipment. No additional payment will be made by BHEL/ end customer.

Vendor shall inform the escalation matrix and procedure for attending complaints on inverters. Sufficient stock of spare components to be considered for this purpose.

Vendor shall provide optional price for additional comprehensive warranty of 3 years after completion of initial warranty period. Additional warranty may be ordered by BHEL/ end customer before expiry of initial warranty period.



ಭಾರತ್ ಹವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Ltd.,
(A Government of India undertaking)
Electronics Division

PB 2606 , Mysore Road Bangalore , 560026 INDIA

CE:PR:001- Rev 03

INSTRUCTIONS TO BIDDERS

Bidder is requested to read the instructions carefully and submit their quotation taking into consideration of all the points:

A. GENERAL INSTRUCTIONS:

1. Any Purchase Order resulting from this enquiry shall be governed by the Instructions to Bidders (document reference: CE: PR: 001 – Rev 03), General Conditions of Contract (document reference: CE: PR: 002 - Rev 02) and Special Conditions of Contract, if any, of the enquiry.
2. Any deviations from or additions to the “General Conditions of Contract” or “Special Conditions of Contract” require BHEL’s express written consent. The general terms of business or sale of the bidder shall not apply to this tender.
3. Regret letter (either through post or by mail or by EPS) indicating reasons for not quoting must be submitted without fail, in case of non-participation in this tender. Supplier shall be liable for removal as a registered vendor of BHEL when the supplier fails to quote against four consecutive tender enquiries for the same item or all enquiries in last two years for the same item, whichever is earlier.
4. Procurement directly from the manufacturers is preferred. However, if the OEM/ Principal insist 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. Agent/Representative authorized by the OEM/Principal in turn cannot further sub authorize any other firm for submitting the offer or for placement of order.
 In case bids are received from the manufacturer/ supplier and his agent, bid received from the agent shall be ignored.
5. Consultant / firm (and any of its affiliates) shall not be eligible to participate in the tender/s for the related goods for the same project if they were engaged for consultancy services for the same project.
6. If an Indian representative/associate/liaison office quotes on behalf of a foreign based bidder, such representative shall furnish the following documents:
 - a. Authorization letter to quote and negotiate on behalf of such foreign-based bidder.
 - b. Undertaking from such foreign based bidder that such contract will be honored and executed according to agreed scope of supply and commercial terms and conditions.
 - c. Undertaking shall be furnished by the Indian representative stating that the co-ordination and smooth execution of the contract and settlement of shortages/damages/replacement/repair of imported scope till the equipment is commissioned and handed over to customer will be the sole responsibility of the Indian representative/associates/agent/liaison office.
 - d. Refer **Annexure I** on “Guidelines for Indian Agents”.
7. In case of imported scope of supply, customs clearance & customs duty payment will be to BHEL account after the consignment is received at Indian Airport /Seaport. Bidders must provide all original documents required for completing the customs clearance along with the shipment. Warehousing charges due to incomplete or

missing documentation will be to supplier's account. All offers for imported scope of supply by air, must be made from any of the gateway ports (within the country) indicated (**Refer Annexure II**).

8. The offers of the bidders who are on the banned list and also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of the banned firms is available on BHEL website: http://www.bhel.com/vender_registration/vender.php
9. Business dealings with bidders will be suspended if they are found to have indulged in any malpractices/misconduct which are contrary to business ethics like bribery, corruption, fraud, pilferage, cartel formation, submission of fake/false/forged documents, certificates, information to BHEL or if they tamper with tendering procedure affecting the ordering process or fail to execute a contract, or rejection of 3 consecutive supplies or if their firms / works are under strike/lockout for a long period. Bidder may refer "Guidelines for Suspension of Business Dealings with Suppliers/ Contractors" available on www.bhel.com for more details.
10. The bidder along with its associate/collaborators/sub-contractors/sub-vendors/consultants/service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to your notice.
11. Offers to be submitted in English language only.
12. For this procurement, the local content to categorize a supplier as a Class-I local supplier/ Class-II local supplier/ Non-local supplier and purchase preference to Class-I local supplier, is as defined in Public procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT. In case of subsequent Orders issued by the Nodal Ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of price bid/s against this NIT.

Any Indian Bidder intending to avail the benefits shall submit the requisite documents as per the aforesaid orders.

13. The Bidder shall mandatorily submit Declaration as mentioned below, under Rule 144(xi) of General Financial Rules, 2017 amendment dt 23.07.2020 issued by Ministry of Finance, Govt. of India. The declaration to be submitted on Company Letter head duly signed and sealed by authorised signatory, for ascertaining the eligibility of offer in the tender.

"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 this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that this bidder fulfils all requirements in this regard and is eligible to be considered."

(Where applicable, evidence of valid registration by the Competent Authority shall be attached).

The Competent Authority for the purpose of registration under this Order shall be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT).

Refer Annexure-X for 'Restrictions under Rule 144(Xi) of General Financial Rules,2017 amendment dt: 23.07.2020'.

B. GUIDELINES FOR PREPARATION OF OFFER:

1. Quotation shall be submitted in Single Part Bid, Two Part Bid or Three Part Bid, as called for in the tender:

- **SINGLE PART BID:** Technical and Commercial Bid with prices along with price summary & filled in BHEL Standard Commercial terms and conditions in a single sealed envelope.
- **TWO PART BID:** Unpriced offer i.e. “Techno-commercial Bid” with filled in BHEL Standard Commercial terms and conditions in a sealed envelope **along with the copy of the “Price Bid” without the prices** should be enclosed in one cover and the cover must be super scribed “**Techno-commercial offer**) and Priced offer i.e. “Price Bid” containing price summary in a separate sealed envelope and must be super scribed “**Price Bid**”. Both these envelopes shall be enclosed in a single sealed envelope superscribed with enquiry number, due date of tender and any other details as called for in the tender document.
- **THREE PART BID:** Pre-qualification Bid (Part-I), Techno Commercial Bid with filled in BHEL Standard Commercial terms and conditions (Part-II), and Price Bid (Part-III). All three envelopes shall be enclosed in a single sealed envelope superscribed with enquiry number, due date of tender and any other details as called for in the tender document.

If any of the offers (Part I, Part II or Part III) are not submitted before the due date and time of submission (or) if any part of the offer is incomplete, the entire offer of the bidder is liable for rejection.

2. Supplier shall ensure to superscribe each envelope with RFQ number, RFQ Date, RFQ Due date and time, Item Description and Project clearly & boldly. Also mention on the envelope whether it is “Techno Commercial Bid” or “Price Bid” or “Pre-Qualification Bid”. Please ensure complete address, department name and purchase executive name is mentioned on the envelope (before dropping in the tender box or handing over) so that the tender is available in time for bid opening.
3. BHEL standard Commercial Terms and Conditions (duly filled, signed & stamped) must accompany Technical-Commercial offer without fail and should be submitted in original only.

The above indicated submission of Offers in “sealed envelope/hard copy” as mentioned in points B.1-B.3 is applicable for tenders that are not floated through E-Procurement System (EPS).

4. Validity: Unless otherwise specified in SCC (special commercial conditions of contract), the offer will be valid for a period of 90 days from the date of part-I bid opening and in case of Negotiation/Counter-offer/Reverse Auction, price validity will apply afresh for a period of _60_ days from the date of according final price by bidder (or) upto original validity period, whichever is later.
5. Any of the terms and conditions not acceptable to supplier, shall be explicitly mentioned in the Techno-Commercial Bid. If no deviations are brought out in the offer it will be treated as if all terms and conditions of this enquiry are accepted by the supplier without deviation.
6. Deviation to this specification/item description, if any, shall be brought out clearly indicating “DEVIATION TO BHEL SPECIFICATION” without fail, as a part of Techno-Commercial Bid. If no deviations are brought out in the offer it will be treated as if the entire specification of this enquiry is accepted without deviation.
7. Suppliers shall submit one set of original catalogue, datasheets, bill of materials, dimensional drawings, mounting details and/or any other relevant documents called in purchase specification as part of Technical Bid.
8. “Price Bid” shall be complete in all respects containing price break-up of all components along with all applicable taxes and duties, freight charges (if applicable) etc. Once submitted no modification / addition / deletion will be allowed in the “Price Bid.” Bidders are advised to thoroughly check the unit price, total price to avoid any discrepancy.
9. In addition, bidder shall also quote for erection & commissioning charges/erection supervision & commissioning charges (E&C service charges), documentation charges, testing Charges (type & routine),

training charges etc. as applicable along with corresponding tax. The price summary must indicate all the elements clearly.

10. Wherever applicable, bidders should indicate "lumpsum" Erection and Commissioning (or) Erection Supervision and Commissioning charges, as applicable (including To & Fro Fare, Boarding, Lodging, Local Conveyance etc.) for carrying out E&C activity and further handing over to customer. The quotation shall clearly indicate scope of work, likely duration of commissioning, pre-commissioning checklist (if any).
11. Wherever bidders require PAC (Project Authority Certificate)/applicable certificates for import of raw materials, components required for DECC,EPCG Power Projects, Export Projects or other similar projects wherein supplies are eligible for customs duty benefits, lists and quantities of such items and their values (CIF) has to be mentioned in the offer. Prices must be quoted taking into account of such benefits.
12. Prices should be indicated in both figures & words. Bid should be free from correction/overwriting, using corrective fluid, etc. Any interlineation, cutting, erasure or overwriting shall be valid only if they are attested under full signature(s) of person(s) signing the bid else bid shall be liable for rejection. Any typographical error, totalling mistakes, currency mistake, multiplication mistake, summing mistakes etc. observed in the price bids will be evaluated as per **Annexure III** "Guidelines for dealing with Discrepancy in Words & Figures – quoted in price bid" and BHEL decision will be final.
13. Documents submitted with the offer shall be signed and stamped in each page by authorized representative of the bidder. However, this requirement is not mandatory for offers uploaded through E-Procurement System (EPS).

C. GUIDELINES FOR OFFER SUBMISSION:

The under-mentioned clauses 1, 2&3 will not be applicable for EPS tenders.

1. Offers / Quotations must be dropped in tender box before 13.00 Hrs. on or before due date mentioned in RFQ. The offers are to be dropped in the proper slot of the Tender Box kept in our reception area with caption "CE, SC&PV, DEFENCE". Tenders are opened on 3 days in a week (Monday/Wednesday/Friday). Tender must be deposited in the slot corresponding to the day (Monday - Box no.4/Wednesday - Box no. 6 /Friday - Box no.8) while depositing the offer.
2. E-Mail/ Internet/EDI offers received in time shall be considered only when such offers are complete in all respects. In case of offers received through E-mail, please send the offer to the email ID specified in the SCC document of the tender.
3. Offers of Vendors who already have a valid Technical/Commercial MOU with BHEL-EDN for the items of the RFQ shall mention the relevant MOU reference no. and give only such other details not covered in the MOU.
4. In cases where tender documents are bulky, or due to some reasons tender documents are required to be submitted by hand or through posts/couriers, the offers are to be handed over either of the two purchase officers whose names are mentioned in the SCC document of tender RFQ.
5. Tenders will be opened on due date, time and venue as indicated in the RFQ in the presence of bidders at the venue indicated in the RFQ. For EPS tenders, e-mail notifications will be automatically generated and forwarded to registered e-mail ID/s of bidders during opening of tenders.
6. Bidder will be solely responsible:
 - a. For submission of offers before due date and time. Offers submitted after due date and time will be treated as "Late offers" and will be rejected.
 - b. For submission of offers in the correct compartment of the tender box based on the day of due date (Monday/Wednesday/Friday). Please check before dropping your offer in the correct tender box.

- c. For depositing offers in proper sealed condition in the tender box. If the bidder drops the tender in the wrong tender box (or) if the tender document is handed over to the wrong person, BHEL will not be responsible for any such delays.
- d. For offers received through email etc., suppliers are fully responsible for lack of secrecy on information and ensuring timely receipt of such offers in the tender box before due date & time (This clause will not be applicable for EPS tenders).

The above indicated submission of Offers as mentioned in points 6.a-6.d is applicable for tenders that are not floated through EPS.

- e. In case of e-tender, all required documents should be uploaded before due date and time. Availability of power, internet connections, system/software requirements etc. will be the sole responsibility of the bidder. Wherever assistance is needed for submission of e-tenders, help-line numbers as available in the web-site of service provider of BHEL may be contacted.

Purchase Executive/ BHEL shall not be responsible for any of the activities relating to submission of offer.

D. PROCESSING OF OFFERS RECEIVED:

1. Any discount/ revised offer submitted by the supplier on its own shall be accepted provided it is received on or before the due date and time of offer submission (i.e. Part-I bid). The discount shall be applied on pro-rata basis to all items unless specified otherwise by the bidder.
2. Changes in offers or Revised offers given after Part-I bid opening shall not be considered as a part of the original offer unless such changes/revisions are requested by BHEL. In case of withdrawal of any Technical/Commercial deviation(s) by the bidder before opening of price bids/conducting the Reverse Auction, revision of price/impact bid will not be accepted.
3. In case there is no change in the technical scope and/ or specifications and/ or commercial terms & conditions, the supplier will not be allowed to change any of their bids after Technical bids are opened (after the due date and time of tender opening).
4. In case of changes in scope and/ or technical specifications and/ or commercial terms & conditions by BHEL and it accounts for price implications from bidders, all techno-commercially acceptable bidders shall be asked by BHEL (after freezing the scope, technical specifications and commercial terms & conditions) to submit the impact of such changes on their price bid. Impact price will be applicable only for changes in technical specification / commercial conditions by BHEL. The impact price must be submitted on or before the cut-off date specified by BHEL and the original price bid and the price impact bid will be opened together at the time of price bid opening.
5. Un-opened bids (including price bids) will be returned to the respective bidders after release of Purchase order. Regarding Offers for EPS tenders that get rejected on PQC/ techno-commercial grounds, the bids for the subsequent parts will not be opened i.e., both technical bid and price bid (Parts-II & III) will not be opened in case of rejection on PQC ground and price bid (Part-II/Part-III, as applicable) will not be opened in case of rejection on techno-commercial ground.
6. After receipt of Purchase Order, supplier should submit required documents viz., specified drawings, bill of materials, datasheets, catalogues, quality plan, test procedure, type test report , O & M Manuals and/or any other relevant documents as per Specification/Purchase Order, as and when required by BHEL/Customer.

7. Any deviation to the terms and conditions not mentioned in the quotation by supplier in response to this enquiry will not be considered, if put forth subsequently or after issue of Purchase Order, unless clarification is sought for by BHEL and agreed upon in the Purchase Order.
8. Evaluation shall be on the basis of delivered cost (i.e. "Total Cost to BHEL").
"Total Cost to BHEL" shall include total basic cost, packing & forwarding charges, taxes and/or duties(as applicable), freight charges, taxes on Services, customs clearance charges for imported items, any other cost indicated by bidder for execution of the contract and loading factors (for non-compliance to BHEL Standard Commercial Terms & Conditions). Benefits arising out of Nil Import Duty on DEEC, EPCG, DFIA Projects, Physical Exports or such 100% exemptions (statutory benefits), project imports, customer reimbursements of statutory duties (like Basic Customs Duty and cess on customs duty), Input tax credits as applicable will also be taken into account for arriving at the Total cost to BHEL (wherever applicable and as indicated in SCC document of tender).

For EPS tenders, it shall be noted that the prices (including discounts) vis-a-vis currency quoted in EPS portal only will be considered as Final for the purpose of evaluation of the lowest bidder. Bidder shall ensure to indicate the applicable taxes against each line item in online portal, failing to which the same will be considered as inclusive/NIL.

In the course of evaluation, if more than one bidder happens to occupy L-1 status, effective L-1 will be decided by soliciting discounts from the respective L-1 bidders.

In case more than one bidder happens to occupy the L-1 status even after soliciting discounts, the L-1 bidder shall be decided by a toss/draw of lots, in the presence of the respective L-1 bidder(s) or their representative(s).

Ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.

9. For evaluation of offers in foreign currency, the exchange rate (TT selling rate of SBI) shall be taken as under:

| | |
|----------------------|----------------------------|
| Single part bids: | Date of tender opening |
| Two/three part bids: | Date of Part-I bid opening |
| Reverse Auction: | Date of Part-I bid opening |

In case of Performance Bank Guarantee (PBG) also, exchange rate will be considered as mentioned above for converting foreign currency to Indian currency and vice versa.

If the relevant day happens to be a bank holiday, then the exchange rate as on the previous working day of the bank (SBI) shall be taken.

10. Ranking (L-1, L-2 etc.) shall be done only for the techno-commercially acceptable offers.

E. INFORMATION ON PAYMENT TERMS:

1. All payments will be through Electronic Fund transfer (EFT). Vendor has to furnish necessary details as per BHEL standard format (**Refer Annexure IV**) for receiving all payments through NEFT.(Applicable for Indian vendors only).
2. In case of High Sea Sales transaction, customs clearance of the consignment landed on Indian Sea/Air ports will be done by BHEL based on the original HSS documents provided by vendors. All warehousing charges due to delay in submission of complete and or correct HSS documents to BHEL will be to supplier's account only. Such recovery will be made out of any of the available bills (**Refer Annexure V**).
3. Statutory deductions, if any, will be made and the deduction certificate shall be issued.
 - A. In case vendor does not provide PAN details, the TDS deduction shall be at the maximum percentage stipulated as per the provisions of Income Tax Act.

In addition to the above, Foreign vendors shall also submit relevant details of their bankers like Swift Code, Banker's Name & Address etc.

B. TDS deduction as per section 51 of CGST Act, 2017 shall be applicable as per Gazette Notification No. 50/2018-Central Tax, Dated: 13th September 2018 and subsequent notification/s, as and when released by Govt. authorities.

4. Incomplete documentation will not be accepted. Delayed submission of invoice / documents may result in corresponding delay in payment. In this connection, request to also refer clause: G about invoicing & payment formalities under GST regime. Applicable documents shall be submitted to the purchaser at the time of execution of supplies/services for availing GST input credits.

F. STANDARD PAYMENT TERMS OF BHEL-EDN:

| <u>PURCHASE ORDERS FOR:</u> | <u>SUPPLY WITH SERVICE(S)</u> | <u>SUPPLY ONLY</u> |
|--|---|--|
| <u>INDIGENOUS PROCUREMENT</u> | <p>a. 100% of basic value with taxes and freight will be paid in 45 days from the date of dispatch or 15 days from the date of submission of complete set of documentation, whichever is later.</p> <p><u>Note:</u> In case PBG is not furnished, only 90% payment will be released against 100% claim without the consent of Vendor. This 10% basic amount withheld towards PBG will be paid either against submission of supplementary invoice & Original PBG (or) against supplementary invoice without PBG after expiry of Warranty period.</p> | <p>b. 100% of PO value with taxes and freight will be paid in 45 days from the date of dispatch or 15 days from the date of submission of complete set of documentation, whichever is later.</p> |
| <u>IMPORT PROCUREMENT</u> | <p>c. 100% of basic value will be paid against usance draft of 45 days from the date of AWB/BOL on submission of complete set of documents.</p> <p><u>Note:</u> In case PBG is not furnished, only 90% payment will be released against 100% claim without the consent of Vendor. This 10% basic amount withheld towards PBG will be paid either against submission of supplementary invoice & Original PBG (or) against supplementary invoice without PBG after expiry of Warranty period.</p> | <p>d. 100% of PO value will be paid against usance draft of 45 days from the date of AWB/BOL on submission of complete set of documents.</p> |
| <u>HIGH-SEA SALES PROCUREMENT</u> | <p>e. 100% of basic value will be paid in 45 days from the date of signing of High Sea Sale agreement or 15 days from the date of submission of complete set of documentation, whichever is later</p> <p><u>Note:</u> In case PBG is not furnished, only 90% payment will be released against 100% claim without the consent of Vendor. This 10% basic amount withheld towards PBG will be paid either against submission of supplementary invoice & Original PBG (or) against supplementary invoice without PBG after expiry of Warranty period.</p> | <p>f. 100% of basic value will be paid in 45 days from the date of signing of High Sea Sale agreement or 15 days from the date of submission of complete set of documentation, whichever is later.</p> |

g. Erection and Commissioning:

Evaluation methodology: Unless and otherwise specified in SCC, E&C charges should not be less than 10% of the main supply value. In case the quoted total E&C value is less than 10% of the main supply value, BHEL shall evaluate Bidders Price deducting differential amount from main supply price proportionally from all items and apportioning towards E&C charges.

Payment term: 100% E&C charges along with tax as applicable, will be paid in 15 days from the date of submission of supplementary invoice/documents against proof of completion of E&C.

h. Erection Supervision and Commissioning:

Evaluation methodology: Unless and otherwise specified in SCC, E&C charges should not be less than 5% of the main supply value. In case the quoted total E&C value is less than 5% of the main supply value, BHEL shall evaluate Bidders Price deducting differential amount from main supply price proportionally from all items and apportioning towards E&C charges.

Payment term: 100% E&C charges along with tax as applicable, will be paid in 15 days from the date of submission of supplementary invoice/documents against proof of completion of E&C.

i. Comprehensive Annual Maintenance Contract:

Evaluation methodology: Unless and otherwise specified in SCC, CAMC will be applicable for a period of 04 years from the date of expiry of warranty period (or) from the date of completion of commissioning of equipment, whichever is later and the total CAMC value should not be less than 20% of the main supply value. In case the quoted total CAMC value is less than 20% of the main supply value, BHEL shall evaluate Bidders Price deducting differential amount from main supply price proportionally from all items and apportioning towards CAMC charges.

Payment terms: 100% CAMC charges along with tax as applicable, will be paid in 15 days from the date of submission of supplementary invoice/documents against proof of completion of CAMC on yearly basis.

j. Terms of Payment for Training: 100% payment will be made in 45 days from the date of completion of Training or 15 days from the date of submission of complete set of invoice along with documentary evidence, whichever is later.

LOADING FACTORS FOR DEVIATION IN PAYMENT TERMS (APPLICABLE FOR IMPORT PROCUREMENT ONLY):

- 1) For offers received with Sight draft payment term in place of Usance draft, loading applicable will be 1.0% of basic value.
 - 2) For offers received with Letter of Credit payment term with Usance of 45 days, loading applicable will be 2.5% of basic value.
Additional loading of 2% will be applicable for payment term as Letter of Credit at Sight.
- k.** Any payment term with credit period of less than 45 days for indigenous supply/HSS and any other variation of payment terms are liable for rejection.
- l.** Standard payment terms indicated in Clauses: F (a), (b), (c), (d), (e), (f), (g), (h), (i) & (j) will not attract any loading.

Note 1: Basic value of Purchase Order mentioned above will include all components of the purchase order and will exclude only taxes, duties, freight, training charges, E&C and AMC charges (wherever applicable). Wherever the Purchase Order is split into import portion and indigenous portion of supply, minimum % to be quoted for Services, wherever mentioned, will be of both purchase order values put together.

Note 2: In case of multiple packages/units in a power plant, payment of E&C charges will be processed on pro-rata basis.

Note 3: No deviation will be permitted from the duration of Guarantee/Warranty and/or Comprehensive Annual Maintenance Contract period specified in SCC.

G. Terms & Conditions to be complied under GST regime:

1. All invoices to contain BHEL-EDN (buyer) GSTIN number: 29AAACB4146P1ZB. However for CGST +SGST/UGST billing outside the state of Karnataka, invoice has to be generated with BHEL's Nodal Agency GSTIN number. Address of Nodal Agency along with GSTIN number will be provided by BHEL at the time of issuing dispatch clearance.
2. The Bidder shall mention Bidder's GSTIN number in all quotations and Invoices submitted.
3. The Bidder shall also mention HSN (Harmonized System of Nomenclature) / SAC (Services Accounting Code) mandatorily in all quotations and invoices submitted.
4. Invoice submitted should be in the format as specified under GST Laws viz., all details as mentioned in Invoice Rules like GST registration number(GSTIN), invoice number with date of issue, quantity, rate, value, taxes with nomenclature – CGST, SGST, UGST,IGST mentioned separately, HSN Code / SAC Code etc. Invoice should be submitted in original for buyer plus duplicate for credit availment.
5. Payment of GST to Vendor will be made only if it is matching with data uploaded by the Vendor in GST portal.
6. For invoices paid on Reverse charge basis – “Tax payable on reverse charge basis” to be mentioned on the invoice.
7. In case GST credit is delayed/denied to BHEL due to non/delayed receipt of goods and/or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount will be recoverable from vendor along with interest levied/ leviable on BHEL.
8. In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law will be recoverable from vendor/contractor along with interest levied/ leviable on BHEL.
9. Vendor should intimate BHEL immediately on the same date of invoicing without any delay.
10. In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the supplies, within the calendar month notified by BHEL.
11. Bidders to note that Rules & Regulations pertaining to E-way bill system are to be strictly adhered to, as and when notified by Govt. authorities.

H. Performance bank guarantee (PBG):

Performance bank guarantee (PBG) will be applicable as called in the tender documents. Unless otherwise specified in the SCC, the PBG against performance of the contract shall be valid for a period of 24 months from the date of dispatch of goods + claim period of 03 months, for a value equal to 10 % of the basic value of the purchase order which will include all components of the purchase order and will exclude only taxes, duties, freight, training charges, E&C and AMC charges (wherever applicable).

1. The BG issued in Indian Rupees by Banks in India is to be executed on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Vendor/Bank issuing the guarantee.
2. No deviation for the duration and value of PBG will be permitted.
3. PBG shall be from any of the BHEL consortium of bankers (**refer Annexure VI**).
4. PBGs from nationalized banks are also acceptable.
5. PBG should be sent directly by the bank to the dealing executive mentioned in the purchase order located at the address mentioned in the purchase order.
6. PBG should be in the format specified (**refer Annexure VII**). No deviation to this format will be allowed. However in case BHEL changes the PBG format, bidder shall honor the same.
7. Bank Guarantee should be enforceable in Bangalore.
8. In Case of Bank Guarantees submitted by Foreign Vendors-
 - a. From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India) can be accepted subject to the condition that the Bank Guarantee should be enforceable in Bangalore.
 - b. From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)
 - b.1 Please note that Bank Guarantee issued by any of the Consortium Banks only will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter-Guarantee by Foreign Bank in favour of the Indian Bank's (BHEL's Consortium Bank) branch in India. It shall be noted that all charges for issuance of Bank Guarantee/ counter- Guarantee should be borne by the Foreign Vendor.
 - b.2 In case, Foreign Vendors intend to provide BG from Overseas Branch of our Consortium Bank (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at sl.no. b.1 is required to be followed.
 - b.3 The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time).
9. Expired PBGs will be returned only after expiry of the claim period.
10. PBG shall not be applicable for spares.

I. PROVISIONS APPLICABLE FOR MSE VENDORS (MICRO AND SMALL ENTERPRISES) :

Benefits/facilities as applicable for Micro and Small Enterprises (MSEs) shall be available to MSEs registered with Government designated authorities as per the Purchase & Price Preference Policy of the Government subject to them becoming eligible otherwise.

Vendors who qualify as MSE vendors are requested to submit applicable certificates (as specified by the Ministry of Micro, Small and Medium Enterprises) at the time of vendor registration. Vendors have to submit the Udyog Aadhaar/Udyam Registration certificate along with attested copy of a CA certificate (Annexure VIII) applicable for the relevant financial year (latest audited) along with the tender documents in the Part-I bid to avail the applicable benefits.

Date to be reckoned for determining the deemed validity will be the date of bid opening (Part-I in case of two-part bid and three-part bid).

Documents have to be notarized/attested by a Gazetted officer and must be valid as on the date of part I bid opening for the vendors to be eligible for the benefits applicable for MSE vendors. Please note that no benefit shall be applicable if any deficiency in the above required documents are not submitted before the price bid opening/Reverse Auction. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal.

Bidders to however note the documents that shall be furnished in order to establish credentials as MSE vendor should be as per the extant statutory requirements specified by the Ministry of Micro, Small and Medium Enterprises.

PURCHASE PREFERENCE FOR MSE VENDORS:

MSE vendors quoting within a price band of L1 + 15% shall be allowed to supply up to 25% of the requirement against this tender provided

1. The MSE vendor matches the L1 price.
2. L1 price is from a non MSE vendor.
3. L1 price will be offered to the vendor nearest to L1 in terms of price ranking (L2 - nearest to L1). In case of non-acceptance by the MSE vendor (L2), next ranking MSE vendor will be offered who is within the L1 + 15% band (if L3 is also within 15% band).
4. 3% of the 25% will be earmarked for women owned MSEs.
5. 25% of the 25% (i.e., 6.25% of the total enquired quantity) will be earmarked for SC/ST owned MSE firms provided conditions as mentioned in (1) & (2) are fulfilled.
6. In case where no SC/ST category firms are meeting the conditions mentioned in (1) and (2) or have not participated in the tender, the 6.25% of earmarked quantity for SC/ST owned MSE firms will be distributed among the other eligible MSE vendors who have participated in the tender.
7. In case after the bid opening it is seen that no MSE has become L1, then depending on the nature of the item, if it is not possible to split the tendered items/quantities on account of reasons like customer contract requirements of supplying one make for a given project or technical reasons like the tendered item being a system etc., then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the +15% band of L1. Such information that tendered quantity will not be split shall be indicated in the SCC.

J. INTEGRITY COMMITMENT IN THE TENDER PROCESS, AND EXECUTION OF CONTRACTS:

1. Commitment by BHEL: BHEL commits to take all measures necessary to prevent corruption in connection with the Tender process and execution of the Contract. BHEL will, during the tender process, treat all bidder / suppliers in a transparent and fair manner, and with equity.
2. Commitment by Bidder(s)/ Contractor(s):
 - a. The Bidder(s)/ Contractor(s) commit(s) to take all measures to prevent corruption and will not directly or indirectly try to influence any decision or benefit which he is not legally entitled to.
 - b. The Bidder(s)/ Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding or any actions to restrict competition.

- c. The Bidder(s)/ Contractor(s) will not commit any offence under the relevant Acts. The Bidder(s)/ Contractor(s) will not use improperly, for purposes of competition or personal gain or pass on to others, any information or document provided by BHEL as part of business relationship.
- d. The Bidder(s)/ Contractor(s) will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to the relevant guidelines issued from time to time by Government of India/ BHEL.

If the Bidder(s) / Contractor(s), before award or during execution of the Contract commit(s) a transgression of the above or in any other manner such as to put his reliability or credibility in question, BHEL is entitled to disqualify the Bidder(s) / Contractor (s) from the tender process or terminate the contract and/ or take suitable action as deemed fit.

K. Integrity Pact (IP):

- a) IP is a tool to ensure that activities and transactions between the Company and its Bidders/ 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.
- b) Please refer Section-8 of the IP for Role and Responsibilities of IEMs (Annexure IX). In case of any complaint arising out of the tendering process, the matter may be referred to the IEM mentioned in the tender.

Note: No routine correspondence shall be addressed to the IEM (phone/ post/ email) regarding the clarifications, time extensions or any other administrative queries, etc. on the tender issued. All such clarification/ issues shall be addressed directly to the tender issuing (procurement) department.”

Annexure-X

Restrictions under Rule 144(xi) of General Financial Rules, 2017 amendment dt: 23.07.2020

- I. Any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority.
- II. "Bidder" (including the term 'tenderer', 'consultant' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated hereinbefore, including any agency branch or office controlled by such person, participating in a procurement process.
- III. "Bidder from a country which shares a land border with India" for the purpose of this Order means :-
 - a. An entity incorporated, established or registered in such a country; or
 - b. A subsidiary of an entity incorporated, established or registered in such a country; or
 - c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
 - d. An entity whose *beneficial owner* is situated in such a country; or
 - e. An Indian (or other) agent of such an entity; or
 - f. A natural person who is a citizen of such a country; or
 - g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above
- IV. The *beneficial owner* for the purpose of (iii) above will be as under:
 1. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has a controlling ownership interest or who exercises control through other means.

Explanation--

 - a. "Controlling ownership interest" means ownership of or entitlement to more than twenty-five per cent of shares or capital or profits of the company;
 - b. "Control" shall include the right to appoint majority of the directors or to control the management or policy decisions including by virtue of their shareholding or management rights or shareholders agreements or voting agreements;
 2. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;

3. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
 4. Where no natural person is identified under (1) or (2) or (3) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
 5. In case of a trust, the identification of beneficial owner(s) shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
- V. An Agent is a person employed to do any act for another, or to represent another in dealings with third person.



ಭಾರತ್ ಹೆವಿ ಎಲೆಕ್ಟ್ರಿಕಲ್ಸ್ ಲಿಮಿಟೆಡ್
 भारत हेवी इलेक्ट्रिकल्स लिमिटेड

Bharat Heavy Electricals Ltd.,
(A Government of India undertaking)
Electronics Division

PB 2606 , Mysore Road Bangalore , 560026 INDIA

SCPV: BOS: GCC - Rev 03

GENERAL COMMERCIAL CONDITIONS FOR CONTRACT (GCC)

These 'General Commercial Conditions for Contract for Purchase' hereinafter referred to as GCC apply to all enquiries, tenders, requests for quotations, orders, contracts and agreements concerning the supply of goods and the rendering of related services (hereinafter referred to as "deliveries") to Bharat Heavy Electricals Limited and any of its units, regions or divisions (hereinafter referred to as "BHEL" or the Purchaser) or its projects / customers.

Any deviations from or additions to these GCC require BHEL's express written consent. The general terms of business or sale of the vendor shall not apply to BHEL. Acceptance, receipt of shipments or services or effecting payment shall not mean that the general terms of business or sale of the vendor have been accepted.

Orders, agreements and amendments thereto shall be binding if made or confirmed by BHEL in writing. Only the Purchasing department of BHEL is authorized to issue the Purchase Order or any amendment thereof.

Definitions: Throughout these conditions and in the specifications, the following terms shall have the meanings assigned to them, unless the subject matter or the context requires otherwise.

- 'The Purchaser' means Bharat Heavy Electricals Limited, Electronics division, Mysore road, Bangalore 560 026, a Unit of Bharat Heavy Electricals Limited (A Govt. of India Undertaking) incorporated under the Companies Act having its registered office at BHEL House, Siri Fort, New Delhi-110049, India and shall be deemed to include its successors and assigns. It may also be referred to as BHEL.
- 'The vendor' means the person, firm, company or organization on whom the Purchase Order is placed and shall be deemed to include the vendor's successors, representative heirs, executors and administrator as the case may be. It may also be referred to as Seller, Contractor or Supplier.
- 'Contract' shall mean and include the Purchase Order incorporating various agreements, viz. tender/ RFQ, offer, letter of intent / acceptance / award, the General Conditions of Contract and Special Conditions of Contract for Purchase, Specifications, Inspection / Quality Plan, Schedule of Prices and Quantities, Drawings, if any enclosed or to be provided by BHEL or his authorized nominee and the samples or patterns if any to be provided under the provisions of the contract.
- 'Parties to the Contract' shall mean the 'The Vendor' and the Purchaser as named in the main body of the Purchase Order.
- "Bidder" shall mean duly established reputed organisation, manufacturer etc. having requisite financial and technical capability and experience of participating in the bid invited by the purchaser for the tender.
- Bid- The term "bid" or "bidding" can also relate to the documented Offer submitted in response to a request for quotation (RFQ) /Tender.

Interpretation:

In the contract, except where the context requires otherwise:

- words indicating one gender include all genders;
- words indicating the singular also include the plural and words indicating the plural also include the singular;
- provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing, and
- "Written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record.

Applicable Conditions:

1. **Price Basis:** All prices shall be firm until the purchase order is executed / completed in all respects. No price variations / escalation shall be permitted unless otherwise such variations / escalations are provided for and agreed by BHEL in writing in the purchase order.
2. **Validity:** The offer will be valid for a period of 90 days from the date of technical bid opening date. Validity beyond 90 days, if required, will be specified in the SCC (special conditions of contract).
3. **Taxes & Duties:** Taxes as mentioned in the Contract Price or Price Schedule shall be paid to the Contractor subject to the Contractor complying with all the statutory requirements and furnishing the relevant documents including error free invoices containing detailed break-up of the taxes. Any duties, levies or taxes not mentioned in Contract Price or Price Schedule but applicable as per any statute(s) shall be deemed to be included in the Contract price and shall be to the account of the Contractor.
The Contractor shall bear and pay all the costs, liabilities, levies, interest, penalties in respect of non-compliances of any legal requirements as per various statutory provisions. The contractor shall keep the owner indemnified at all times from any tax liability, interest, penalties or assessments that may be imposed by the statutory authorities for non-compliances or non-observation of any statutory requirements by the Contractor.
4. **Ordering and confirmation of Order:** Vendor shall send the order acceptance on their company letter head within two weeks from the date of Purchase Order or such other period as specified / agreed by BHEL. BHEL reserves the right to revoke the order placed if the order confirmation differs from the original order placed. The acceptance of goods/services/supplies by BHEL as well as payments made in this regard shall not imply acceptance of any deviations.
The purchase order will be deemed to have been accepted if no communication to the contrary is received within two weeks (or the time limit as specified / agreed by BHEL) from the date of the purchase order.
5. **Documentation:** After receipt of Purchase Order, vendor should submit required documents like drawings, bill of materials, datasheets, catalogues, quality plan, test procedure, type test report , O & M Manuals and/or any other relevant documents as per Specification/Purchase Order, as and when required by BHEL/Customer.
At any stage within the contract period, the vendor shall notify of any error, fault or other defect found in BHEL's documents /specifications or any other items for reference. If and to the extent that (taking account of cost and time) any vendor exercising due care would have discovered the error, fault or other defect when examining the documents/specifications before submitting the tender, the time for completion shall not be extended. However if errors, omissions, ambiguities, inconsistencies, inadequacies or other defects are found in the vendor's documents, they shall be corrected at his cost, notwithstanding any consent or approval.
6. **TERMS OF DELIVERY:**
FOR IMPORTED PURCHASE:
Price offered shall be for goods packed and delivered CIF Seaport/ International Airport (FCA) including packing, forwarding, Handling, Ancillary charges like processing of Sight Draft, negotiation charges of bank, Export declaration, Certificate of origin etc.
Packing shall be Air/Sea worthy, best suitable for trans-shipment and to take care of transit damages. If containerized, no. of containers & size of container shall be mentioned. Packing weight (gross & net) Packing dimensions shall be given prior to shipment to ascertain whether the consignment can be carried on standard cargo in contract or as ODC.
Wooden packing material for all the foreign consignments should be treated as per ISPM-15 & Fumigation / Phytosanitary certificate to be submitted to the freight forwarders/ BHEL along with the invoice, B/L, packing list etc.
Vendors shall indicate the name of International Airport/Seaport. The consignment shall be handed over to BHEL approved freight forwarder as mentioned in PO.

FOR INDIGENOUS PURCHASE:

Equipment shall be delivered on "FOR SITE" basis, inclusive of freight, packing, insurance & forwarding charges.

Packing shall be Road / Rail / Air / Sea worthy, best suitable for transshipment and to take care of transit damages. Smaller consignments can be dispatched through Courier services/ RPP with the prior approval of the purchasing Executive.

Deviation for the delivery term is liable for rejection.

7. Penalty:

For delay in delivery: In the event of delay in agreed contractual delivery as per Purchase Order, penalty @ 0.5 % (half percent) per week or part thereof but limited to a max of 10% (ten percent) value of undelivered portion (basic material cost) will be applicable. Delivery will commence from the date of document approval by customer / BHEL or date of issue of manufacturing clearance, whichever is later. The date for which Inspection call is issued by vendor along with test certificates / test reports / Certificate of Conformance / calibration reports, as proof of completion of manufacturing will be treated as date of deemed delivery for penalty calculation. In the absence of furnishing such document indicated above as proof of completion of manufacturing along with inspection call, actual date of inspection will be considered as date of deemed delivery and BHEL will not be responsible for delay in actual date of inspection.

Penalty for delayed delivery, if applicable, shall be deducted at the time of first payment. If penalty is applicable for duration of less than a week, penalty @ 0.5% (half percent) of the basic material value will be deducted.

8. **Contract variations (Increase or decrease in the scope of supply):** BHEL may vary the contracted scope as per requirements at site. If vendor is of the opinion that the variation has an effect on the agreed price or delivery period, BHEL shall be informed of this immediately in writing along with technical details. Where unit rates are available in the Contract, the same shall be applied to such additional work. Vendor shall not perform additional work before BHEL has issued written instructions / amendment to the Purchase Order to that effect. The work which the vendor should have or could have anticipated in terms of delivering the service(s) and functionality (i.e.) as described in this agreement, or which is considered to be the result of an attributable error on the vendor's part, shall not be considered additional work.
9. **Reverse Auction:** 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).

10. **Pre Shipment Inspection:** Prior written notice of at least one week shall be given along with internal test certificates / COC and applicable test certificates. Materials will be inspected by BHEL-EDN-QS/CQS or BHEL nominated Third Party Inspection Agency (TPIA) or BHEL authorized Inspection Agency or Customer / Consultant or jointly by BHEL & Customer / consultant. All tests have to be conducted as applicable in line with approved Quality plan or QA Checklist or Purchase specification and original reports shall be furnished to BHEL-EDN, Bangalore for verification / acceptance for issue of dispatch clearance. All costs related to inspections & re-inspections shall be borne by vendor. Whether the Contract provides for tests on the premises of the vendor or any of his Sub-contractor/s, vendor shall be responsible to provide such assistance, labour, materials, electricity, fuels, stores, apparatus, instruments as may be required and as may be reasonably demanded to carry out such tests efficiently. Cost of any type test or such other special tests shall be borne by BHEL only if specifically agreed to in the purchase order.
11. **Transit Insurance:** Transit insurance coverage between vendor's works and project site shall be to the account of BHEL, unless specifically agreed otherwise. However, vendor shall send intimation directly to insurance agency through fax/courier/e-mail, immediately on dispatch of goods for covering insurance. A copy of such intimation sent by vendor to insurance agency shall be given to BHEL along with dispatch documents. Dispatch documents will be treated as incomplete without such intimation copy. BHEL shall not be responsible for sending intimations to insurance agency on behalf of the vendor.
12. **Packaging and dispatch:** The Seller shall package the goods safely and carefully and pack them suitably in all respects considering the peculiarity of the material for normal safe transport by Sea / Air / Rail / Road to its destination suitably protected against loss, damage, corrosion in transit and the effect of tropical salt laden atmosphere. The packages shall be provided with fixtures / hooks and sling marks as may be required for easy and safe handling. If any consignment needs special handling instruction, the same shall be clearly marked with standard symbols / instructions. Hazardous material should be notified as such and their packing, transportation and other protection must conform to relevant regulations. The packing, shipping, storage and processing of the goods must comply with the prevailing legislation and regulations concerning safety, the environment and working conditions. Any Imported/Physical Exports items packed with raw / solid wood packing material should be treated as per ISPM – 15 (fumigation) and accompanied by Phytosanitary / Fumigation certificate. If safety information sheets (MSDS – Material Safety Data Sheet) exist for an item or the packaging, vendor must provide this information without fail along with the consignment. Each package must be marked with Consignee name, Purchase order number, Package number, Gross weight and net weight, dimensions (L x B x H) and Seller's name. Packing list of goods inside each package with PO item number and quantity must also be fixed securely outside the box to indicate the contents of each box. Total number of packages in the consignment must also be indicated. Separate packing & identification of items should be as follows.
 1. Main Scope - All items must be tagged with part no. & item description.
 2. Commissioning spares - All items must be tagged with part no. & item description.
 3. Mandatory spares - All items must be tagged with part no. & item description.
13. **Assignment of Rights & Obligations; Subcontracting:** Vendor is not permitted to subcontract the delivery or any part thereof to third party or to assign the rights and obligations resulting from this agreement in whole or in part to third parties without prior written permission from BHEL. Any permission or approval given by the BHEL shall, however, not absolve the vendor of the responsibility of his obligations under the Contract.
14. **Progress report:** Vendor shall render such report as to the progress of work and in such form as may be called for by the concerned purchase officer from time to time. The submission and acceptance of such reports shall not prejudice the rights of BHEL in any manner.

15. **Non-disclosure and Information Obligations: Vendor** shall provide with all necessary information pertaining to the goods as it could be of importance to BHEL. Vendor shall not reveal confidential information that may be divulged by BHEL to Vendor's employees not involved with the tender/ contract & its execution and delivery or to third parties, unless BHEL has agreed to this in writing beforehand. Vendor shall not be entitled to use the BHEL name in advertisements and other commercial publications without prior written permission from BHEL.
16. **Cancellation / Termination of contract:** BHEL shall have the right to completely or partially terminate the agreement by means of written notice to that effect. Termination of the Contract, for whatever reason, shall be without prejudice to the rights of the parties accrued under the Contract up to the time of termination.
BHEL shall have the right to cancel/foreclose the Order/ Contract, wholly or in part, in case it is constrained to do so, on account of any decline, diminution, curtailment or stoppage of the business.
17. **Risk Purchase Clause:** In case of failure of supplier, BHEL at its discretion may make purchase of the materials / services NOT supplied / rendered in time at the RISK & COST of the supplier. Under such situation, the supplier who fails to supply the goods in time shall be wholly liable to make good to BHEL any loss due to risk purchase.
In case of items demanding services at site like erection and commissioning, vendor should send his servicemen /representatives within 7 days from the service call. In case a vendor fails to attend to the service call, BHEL at its discretion may also make arrangements to attend such service by other parties at the **RISK & COST** of the supplier. Under such situation the supplier who fails to attend the service shall be wholly liable to make good to BHEL any loss due to risk purchase / service including additional handling charges due to the change.
18. **Shortages:** In the event of shortage on receipt of goods and/or on opening of packages at site, all such shortages shall be made good within a reasonable time that BHEL may allow from such intimation and free of cost.
Transit Damages: In the event of receipt of goods in damaged condition or having found them so upon opening of packages at site, Supplier shall make good of all such damages within a reasonable time from such intimation by BHEL.
19. **Remedial work:** Notwithstanding any previous test or certification, BHEL may instruct the vendor to remove and replace materials/goods or remove and re-execute works/services which are not in accordance with the purchase order. Similarly BHEL may ask the vendor to supply materials or to execute any services which are urgently required for any safety reasons, whether arising out of or because of an accident, unforeseeable event or otherwise. In such an event, Vendor shall provide such services within a reasonable time as specified by BHEL.
20. **Indemnity Clause:** Vendor shall comply with all applicable safety regulations and take care for the safety of all persons involved. Vendor is fully responsible for the safety of its personnel or that of his subcontractor's men / property, during execution of the Purchase Order and related services. All statutory payments including PF, ESI or other related charges have to be borne by the vendor. Vendor is fully responsible for ensuring that all legal compliances are followed in course of such employment.
21. **Product Information, Drawings and Documents:** Drawings, technical documents or other technical information received by Vendor from BHEL or vice versa shall not, without the consent of the other party, be used for any other purpose than that for which they were provided. They may not, without the consent of the Disclosing party, otherwise be used or copied, reproduced, transmitted or communicated to third parties. All information and data contained in general product documentation, whether in electronic or any other form, are binding only to the extent that they are by reference expressly included in the contract.
Vendor, as per agreed date/s but not later than the date of delivery, provide free of charge information and drawings which are necessary to permit and enable BHEL to erect, commission, operate and maintain the product. Such information and drawings shall be supplied in as many numbers of copies as may be agreed upon.
All intellectual properties, including designs, drawings and product information etc. exchanged during the

formation and execution of the Contract shall continue to be the property of the disclosing party.

22. **Intellectual Property Rights, Licenses:** If any Patent, design, Trade mark or any other intellectual property rights apply to the delivery (goods / related service) or accompanying documentation shall be the exclusive property of the Vendor and BHEL shall be entitled to the legal use thereof free of charge by means of a non-exclusive, worldwide, perpetual license. All intellectual property rights that arise during the execution of the Purchase Order/ contract for delivery by vendor and/or by its employees or third parties involved by the vendor for performance of the agreement shall belong to BHEL. Vendor shall perform everything necessary to obtain or establish the above mentioned rights. The Vendor guarantees that the delivery does not infringe on any of the intellectual property rights of third parties. The Vendor shall do everything necessary to obtain or establish the alternate acceptable arrangement pending resolution of any (alleged) claims by third parties. The Vendor shall indemnify BHEL against any (alleged) claims by third parties in this regard and shall reimburse BHEL for any damages suffered as a result thereof.
23. **Force Majeure:** Notwithstanding anything contained in the purchase order or any other document relevant thereto, neither party shall be liable for any failure or delay in performance to the extent said failures or delays are caused by the "Act of God" and occurring without its fault or negligence, provided that, force majeure will apply only if the failure to perform could not be avoided by the exercise of due care and vendor doing everything reasonably possible to resume its performance.
A party affected by an event of force majeure which may include fire, tempest, floods, earthquake, riot, war, damage by aircraft etc., shall give the other party written notice, with full details as soon as possible and in any event not later than seven (7) calendar days of the occurrence of the cause relied upon. If force majeure applies, dates by which performance obligations are scheduled to be met will be extended for a period of time equal to the time lost due to any delay so caused.
- Notwithstanding above provisions, in an event of Force Majeure, BHEL reserves for itself the right to cancel the order/ contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements for completion of deliveries and other schedules.
24. **Guarantee / Warranty:** Wherever required, and so provided in the specifications / Purchaser Order, the Seller shall guarantee that the stores supplied shall comply with the specifications laid down, for materials, workmanship and performance. The guarantee / warranty period as described shall apply afresh to replaced, repaired or re-executed parts of a delivery. If the vendor fails to take proper corrective action to repair/replace defects satisfactorily within a reasonable period, Purchaser shall be free to take corrective action as may be deemed necessary at vendor's risk and cost after giving notice to the vendor, including arranging supply of goods from elsewhere at the sole risk and cost of the vendor. Unless otherwise specifically provided in the Purchase Order, Vendor's liability shall be co terminus with the expiration of the applicable guarantee / warranty period.
25. **Limitation of Liability:** Vendor's liability towards this contract is limited to a maximum of 100% of the contract value and consequential damages are excluded. However the limits of liability will have no effect in cases of criminal negligence or wilful misconduct.
The total liability of Vendor for all claims arising out of or relating to the performance or breach of the Contract or use of any Products or Services or any order shall not exceed the total Contract price.
26. **Liability during guarantee / warranty:** Vendor shall arrange replacement / repair of all the defective materials / services under its obligation under the guarantee / warranty period. The rejected goods shall be taken away by vendor and replaced / repaired. In the event of the vendor's failure to comply, BHEL may take appropriate action including disposal of rejections and replenishment by any other sources at the cost and risk of the vendor.
In case, defects attributable to vendor are detected during first time commissioning or use, vendor shall be responsible for replacement / repair of the goods as required by BHEL at vendor's cost. In all such cases expiry of guarantee / warranty will not be applicable.
27. **Liability after guarantee / warranty period:** At the end of the guarantee / warranty, the Vendor's liability ceases except for latent defects (latent defects are defects / performance issues notices after the

guarantee / warranty has expired). The Contractor's liability for latent defects warranty for the plant and equipment including spares shall be limited to a period of six months from the end of the guarantee / as specified in RFQ.

28. **Compliance with Laws:** Vendor shall, in performing the contract, comply with all applicable laws. The vendor shall make all remittances, give all notices, pay all taxes, duties and fees, and obtain all permits, licences and approvals, as required by the laws in relation to the execution and completion of the contract and for remedying of any defects; and the Contractor shall indemnify and hold BHEL harmless against and from the consequences of any failure to do so.
29. **Settlement of Disputes:** Except as otherwise specifically provided in the Purchase Order, decision of BHEL shall be binding on the vendor with respect to all questions relating to the interpretation or meaning of the terms and conditions and instructions herein before mentioned and as to the completion of supplies/work/services, other questions, claim, right, matter or things whatsoever in any way arising out of or relating to the contract, instructions, orders or these conditions or otherwise concerning the supply or the execution or failure to execute the order, whether arising during the schedule of supply/work or after the completion or abandonment thereof. Any disputes or differences among the parties shall to the extent possible be settled amicably between the parties thereto, failing which the disputed issues shall be settled through arbitration. Vendor shall continue to perform the contract, pending settlement of dispute(s).
30. **Arbitration Clause:** In case amicable settlement is not reached in the event of any dispute or difference arising out of the execution of the Contract or the respective rights and liabilities of the parties or in relation to interpretation of any provision in any manner touching upon the Contract, such dispute or difference shall (except as to any matters, the decision of which is specifically provided for therein) be referred by either party to the sole arbitration of an Arbitrator appointed by the Executive Director/ General Manager of the purchasing unit/ region/ division of BHEL. Vendor shall have no objection even if the Arbitrator so appointed is an employee of BHEL or has ever dealt/ had to deal with any matter relating to this Contract.
- Subject as aforesaid the provisions of the Arbitration and Conciliation Act, 1996 of India or any statutory modification or re-enactment thereof and the rules made there under and for the time being in force shall apply to the arbitration proceedings under this clause. It is a term of contract that the party initiating arbitration shall specify the dispute or disputes to be referred to arbitration under this clause together with the amount or amounts claimed in respect of each such dispute. The venue for the arbitration shall be Bangalore, India. The award of the arbitrator shall be a speaking award and shall be final, conclusive and binding on all parties to this contract.
- The cost of arbitration shall be borne equally by the parties. Notwithstanding the existence of any dispute or difference or any reference for the arbitration, the vendor shall proceed with and continue without hindrance the performance of the work under the contract with due diligence and expedition in a professional manner.
31. **Applicable Laws and Jurisdiction of Courts:** Prevailing Indian laws both substantive and procedural, including modifications thereto, shall govern the Contract. Subject to the conditions as aforesaid, the competent courts in BANGALORE alone shall have jurisdiction to consider over any matters touching upon this contract.
32. **General Terms:** That any non-exercise, forbearance or omission of any of the powers conferred on BHEL and /or any of its authorities will not in any manner constitute waiver of the conditions hereto contained in these presents.
- That the headings used in this agreement are for convenience of reference only.
- That all notices etc., to be given under the Purchase order shall be in writing, type script or printed and if sent by registered post or by courier service to the address given in this document shall be deemed to have been served on the date when in the ordinary course, they would have been delivered to the addressee.
33. Vendors shall provide their state wise list of GSTIN number as per Govt of India Statute.

34. If the vendor is below the threshold limit, viz Rs.20. lacs as per existing provisions, then a declaration to be provided to that effect along with copy of accounts, failing which the supplier will be treated as an Unregistered dealer (URD) for which tax is payable on reverse charge (RCM) by BHEL.
35. If the vendor is above the threshold limit & is yet not registered, GST is payable by BHEL on reverse charge basis.
36. All supply items are linked to HSN code (Harmonised System Nomenclature). This goods list is mapped with HSN code which is released by Govt of India & available in public domain. All registered suppliers submitting the quote shall mandatorily mention HSN code relevant for the goods quoted.
37. Under GST, Govt of India has linked every service to a service accounting code called SAC. The list of services and the corresponding service accounting code (SAC) is released by Govt of India & available in public domain. All registered suppliers submitting the quote shall mandatorily mention SAC code relevant for the service quoted.
38. The rate of tax applicable for 35 services is also released by Government and rate for any service not falling in the list of 35 services is 18%.
39. Invoice should contain all particulars as per invoice Rules and should include the GST registration number (GSTIN), service accounting code (SAC) apart from all other details mentioned.
40. Invoice should contain all particulars as per invoice Rules and should include the GST registration number (GSTIN), HSN code apart from all other details mentioned.
41. In case GST is payable on reverse charge (RCM) invoice should mention that tax is payable on reverse charge
42. For a registered supplier, the supplier uploaded sales data for the month will be available to recipient on 11th of the subsequent month & details can be verified by BHEL. Credit avilment can be confirmed based on this verified data
43. If the Supplier is not registered, then tax is payable on Reverse charge & will be to the account of the supplier
44. All services in the course of business or furtherance of business are eligible to credit subject to other compliances listed herein.
45. If service is eligible for credit, then the credit can be availed only if the invoice is as per the prescribed format, the supplier has uploaded the invoice in the GSTN portal, paid the taxes & uploaded the return, and matches with our inward data, failing which any avilment of credit attracts interest.
46. Even in case of services where credit is not eligible,
 - (i) either the supplier should have registered (if above threshold limit) & comply with all above statutory provisions relating to invoice, tax remittance, return filing etc. This can be verified by BHEL from the GSTN portal OR
 - (ii) if not registered BHEL shall be liable to pay applicable taxes on reverse charge
47. For any deficiency in services, where a recovery is made / adjusted in supplier bills, the supplier has to raise a credit note on BHEL & upload in GSTN portal. All above rules applicable for invoice also apply for credit note.
48. All notifications and rules as per central board of excise and customs will be applicable.

ANNEXURE - I
LIST OF INTERNATIONAL GATEWAY AIRPORTS

| SCHEDULE NO | COUNTRY | CURRENCY CODE | AIRPORT |
|-------------|--------------|---------------|---|
| D01 | UK | GBP | LONDON (HEATHROW) |
| D02 | UK | GBP | NEW CASTLE |
| D03 | UK | GBP | OXFORD. CHETLAM |
| D04 | UK | GBP | BRISTOL. WELLINGBOROUGH |
| D05 | UK | GBP | BIRMINGHAM |
| DO6 | UK | GBP | EAST MIDLANDS |
| D07 | UK | GBP | MANCHESTER |
| D08 | UK | GBP | LEEDS |
| D09 | UK | GBP | GLASGOW |
| D10 | FRANCE | EURO | PARIS (ROISSY) & LYON |
| D11 | SWEDEN | EURO | STOCKHOLM |
| D12 | SWEDEN | EURO | GOTHENBERG & MALMO |
| D13 | ITALY | EURO | ROMA, MILAN |
| D14 | ITALY | EURO | TURIN, BOLOGNA, FLORENCE |
| D15 | NETHERLANDS | EURO | AMSTERDAM, ROTTERDAM |
| D16 | AUSTRIA | EURO | VIENNA, LINZ, GRAZ |
| D17 | BELGIUM | EURO | ANTWERP, BRUSSELS |
| D18 | DENMARK | DKK | COPENHAGEN |
| D19 | JAPAN | JPY | TOKYO, OSAKA |
| D20 | SINGAPORE | SGD | SINGAPORE |
| D21 | CANADA | CAD | TORONTO |
| D22 | CANADA | CAD | MONTREAL |
| D23 | USA | USD | NEW YORK, BOSTON |
| D24 | USA | USD | CHICAGO |
| D25 | USA | USD | SAN FRANCISCO, LOS ANGELES |
| D26 | USA | USD | ALANTA, HOUSTON |
| D27 | GERMANY | EURO | MUNICH, KOLN, DUSSELDORF, HANNOVER, HAMBURG, STUTTGART, DAMSTADT, MANIHIEM, NURUMBERG |
| D28 | GERMANY | EURO | FRANKFURT |
| D29 | GERMANY | EURO | BERLIN |
| D30 | SWITZERLAND | SFR | BASLE, ZURICH, GENEVA |
| D31 | SPAIN | EURO | BARCELONA |
| D32 | AUSTRALIA | AUD | SYDNEY |
| D33 | AUSTRALIA | AUD | MELBOURNE |
| D34 | AUSTRALIA | AUD | PERTH |
| D35 | CZECH | EURO | PRAGUE |
| D36 | HONG KONG | HKD | HONG KONG |
| D37 | NEW ZELAND | NZD | AUCKLAND |
| D38 | RUSSIA | USD | MOSCOW |
| D39 | SOUTH KOREA | USD | KIMPO INTERNATIONAL, INCHEON |
| D40 | FINLAND | EURO | HELSINKI |
| D41 | ROMANIA | EURO | BUCHAREST |
| D42 | NORWAY | EURO | OSLO |
| D43 | IRELAND | EURO | DUBLIN |
| D44 | ISRAEL | USD | TEL AVIV |
| D45 | UAE | USD | DUBAI |
| D46 | OMAN | USD | MUSCAT |
| D47 | EGYPT | USD | CAIRO |
| D48 | TAIWAN | USD | TAIPEI |
| D49 | UKRAINE | USD | KIEV |
| D50 | CHINA | USD | SHANGHAI, SHENZHEN |
| D51 | PHILIPINES | USD | MANILA |
| D52 | MALAYSIA | USD | KUALALUMPUR, PE NANG |
| D53 | CYPRUS | USD | LARNACA |
| D54 | SOUTH AFRICA | USD | JOHANNESBERG, DURBAN |
| D55 | SLOVAKIA | EURO | BARTISLOVA |
| D56 | SAUDI ARABIA | SAR | RIYADH |
| D57 | TURKEY | EURO | ISTANBUL |
| D58 | THAILAND | USD | BANGKOK |
| D59 | BRAZIL | USD | SAO PAULO, RIO DE JANEIRO |

BANK GUARANTEE FOR PERFORMANCE SECURITY

Bank Guarantee No:

Date:

To
NAME
& ADDRESSES OF THE BENEFICIARY

Dear Sirs,

In consideration of Bharat Heavy Electricals Limited (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at _____¹ through its Unit at _____ (name of the Unit) having awarded to (Name of the Vendor / Contractor / Supplier) with its registered office at _____² hereinafter referred to as the 'Vendor / Contractor / Supplier', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No _____ dated _____³ valued at Rs _____⁴ (Rupees -----)/FC _____ (in words _____) for _____⁵ (hereinafter called the 'Contract') and the Vendor / Contractor / Supplier having agreed to provide a Contract Performance Bank Guarantee, equivalent to _____ % (_____ . Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract,

we, _____, (hereinafter referred to as the Bank), having registered/Head office at _____ and inter alia a branch at _____ being the Guarantor under this Guarantee, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums upto a maximum amount of Rs -- -----⁶ (Rupees -----) without any demur, immediately on first demand from the Employer and without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor / Contractor / Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the Vendor / Contractor / Supplier shall have no claim against us for making such payment.

We the _____ bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/satisfactory completion of the performance guarantee period as per the terms of the Contract and that it shall continue to be enforceable till

all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

We, _____ BANK further agree with the Employer that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the said Vendor / Contractor / Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Vendor / Contractor / Supplier and to forbear or enforce any of the terms and conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Vendor / Contractor / Supplier or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Vendor / Contractor / Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Vendor / Contractor / Supplier and notwithstanding any security or other guarantee that the Employer may have in relation to the Vendor / Contractor / Supplier's liabilities.

This Guarantee shall remain in force upto and including _____⁷ and shall be extended from time to time for such period as may be desired by Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Vendor / Contractor / Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before the _____⁸ we shall be discharged from all liabilities under this guarantee thereafter.

We, _____ BANK lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Bank under this Guarantee shall not exceed _____⁶
- b) This Guarantee shall be valid up to _____⁷
- c) Unless the Bank is served a written claim or demand on or before _____⁸ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, _____ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of
(Name of the Bank)

Dated _____ .

Place of Issue _____ .

¹ NAME AND ADDRESS OF EMPLOYER I.e Bharat Heavy Electricals Limited

² NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER.

³ DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE

⁴ CONTRACT VALUE

⁵ PROJECT/SUPPLY DETAILS

⁶ BG AMOUNT IN FIGURES AND WORDS

⁷ VALIDITY DATE

⁸ DATE OF EXPIRY OF CLAIM PERIOD

Note:

1. Units are advised that expiry of claim period may be kept 3-6 months after validity date. It may be ensured that the same is in line with the agreement/ contract entered with the Vendor.
2. The BG should be on Non-Judicial Stamp paper/e-stamp paper of appropriate value as per Stamp Act prevailing in the State(s) where the BG is submitted or is to be acted upon or the rate prevailing in the State where the BG was executed, whichever is higher. The Stamp Paper/e-stamp paper shall be purchased in the name of Vendor/Contractor/Supplier /Bank issuing the guarantee.
3. In line with the GCC, SCC or contractual terms, Unit may carry out minor modifications in the Standard BG Formats. If required, such modifications may be carried out after taking up appropriately with the Unit/Region & Law Deptt.

4. In Case of Bank Guarantees submitted by Foreign Vendors-

- a. **From Nationalized/Public Sector / Private Sector/ Foreign Banks (BG issued by Branches in India)** can be accepted subject to the condition that the Bank Guarantee should be enforceable in the town/city or at nearest branch where the Unit is located i.e. Demand can be presented at the Branch located in the town/city or at nearest branch where the Unit is located.
- b. **From Foreign Banks (wherein Foreign Vendors intend to provide BG from local branch of the Vendor country's Bank)**
 - b.1 In such cases, in the Tender Enquiry/ Contract itself, it may be clearly specified that Bank Guarantee issued by **any of the Consortium Banks only** will be accepted by BHEL. As such, Foreign Vendor needs to make necessary arrangements for issuance of Counter- Guarantee by Foreign Bank in favour of the Indian Bank & (BHEL & Consortium Bank) branch in India. It is advisable that all charges for issuance of Bank Guarantee/ counter- Guarantee should be borne by the Foreign Vendor. The tender stipulation should clearly specify these requirements.
 - b.2 **In case, Foreign Vendors intend to provide BG from Overseas Branch of our Consortium Bank (e.g. if a BG is to be issued by SBI Frankfurt), the same is acceptable. However, the procedure at sl.no. b.1 will required to be followed.**
 - b.3 The BG issued may preferably be subject to Uniform Rules for Demand Guarantees (URDG) 758 (as amended from time to time). The BG Format provided to them should clearly specify the same.

ANNEXURE - IV

Electronic Funds Transfer (EFT) OR Paylink Direct Credit Form

Please Fill up the form in **CAPITAL LETTERS** only.

TYPE OF REQUEST(Tick one): _____ CREATE _____ CHANGE

| | |
|--------------------------------|--|
| BHEL Vendor / Supplier Code: | |
| Company Name : | |
| Permanent Account Number(PAN): | |
| Address | |
| | |
| | |

| | | | |
|-------------|---------------|-------------|--|
| City: _____ | PINCODE _____ | STATE _____ | |
|-------------|---------------|-------------|--|

| | |
|-------------------|--|
| Contact Person(s) | |
| Telephone No: | |
| Fax No: | |
| e-mail id: | |

| | |
|---|--|
| 1 Bank Name: | |
| 2 Bank Address: | |
| | |
| | |
| | |
| 3 Bank Telephone No: | |
| 4 Bank Account No: | |
| 5 Account Type: Savings/Cash Credit | |
| 6 9 Digit Code Number of Bank and branch appearing on MICR cheque issued by Bank | |
| 7 Bank swift Code(applicable for EFT only) | |
| 8 Bank IFSC code(applicable for RTGS) | |
| 9 Bank IFSC code(applicable for NEFT) | |

- A I hereby certify that the particulars given above are true, correct and complete and that I, as a representative for the above named Company, hereby authorise BHEL, EDN, Bangalore to electronically deposit payments to the designated bank account.
- B If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL / transferring Bank responsible.
- C This authority remains in full force until BHEL, EDN, Bangalore receives written notification requesting a change or cancellation.
- D I have read the contents of the covering letter and agree to discharge the responsibility expected of me as a participant under ECS / EFT.

Date:

Authorised Signatory:

Designation:

Telephone NO. with STD Code

Company Seal

Bank Certificate

We certify that _____ has an Account No _____ with us and we confirm that the bank details given above are correct as per our records.

Date:

(.....)

Place:

Signature

Please return completed form along with a blank cancelled cheque or photocopy thereof to:

Bharath Heavy Electricals Ltd,

Attn:

Electronics Division, Mysore Road,

BANGALORE - 560 026

In case of any Query, please call : 080-26998xxx / 2674xxxx or fax no. 080-2674xxxx

List of Consortium Banks

| Sl. No | Nationalised Banks | Sl. No | Public Sector Banks |
|--------|---------------------------|--------|--------------------------|
| 1 | State Bank of India | 18 | IDBI |
| 2 | Allahabad bank | | |
| 3 | Andhra bank | Sl. No | Private banks |
| 4 | Bank of Baroda | 19 | Axis Bank |
| 5 | Canara Bank | 20 | HDFC |
| 6 | Corporation bank | 21 | ICICI |
| 7 | Central bank | 22 | The Federal Bank Limited |
| 8 | Indian Bank | 23 | Kotak Mahindra Bank |
| 9 | Indian Oversea Bank | 24 | Indusind Bank |
| 10 | Oriental bank of Commerce | 25 | Yes Bank |
| 11 | Punjab National Bank | | |
| 12 | Punjab & Sindh Bank | Sl. No | Foreign banks |
| 13 | Syndicate Bank | 26 | CITI Bank N.A |
| 14 | UCO Bank | 27 | Deutsche Bank AG |
| 15 | Union Bank of India | 28 | HSBC |
| 16 | United Bank of India | 29 | Standard Chartered Bank |
| 17 | Vijaya Bank | 30 | J P Morgan |

ANNEXURE - VI

DISCREPANCY IN WORDS & FIGURES – QUOTED IN PRICE BID

Following guidelines will be followed in case of discrepancy in words & figures-quoted in price bid:

- (a) If, in the price structure quoted for the required goods/services/works, there is discrepancy between the unit price and the total price (which is obtained by multiplying the unit price by the quantity), the unit price shall prevail and the total price corrected accordingly, unless in the opinion of the purchaser there is an obvious misplacement of the decimal point in the unit price, in which case the total price as quoted shall govern and the unit price corrected accordingly.
- (b) If there is an error in a total corresponding to the addition or subtraction of subtotals, the subtotals shall prevail and the total shall be corrected; and
- (c) If there is a discrepancy between words and figures, the amount in words shall prevail, unless the amount expressed in words is related to an arithmetic error, in which case the amount in figures shall prevail subject to (a) and (b) above.
- (d) If there is such discrepancy in an offer, the same shall be conveyed to the bidder with target date upto which the bidder has to send his acceptance on the above lines and if the bidder does not agree to the decision of the purchaser, the bid is liable to be ignored.

ANNEXURE - VII

BENEFITS FOR MSE SUPPLIERS AS PER MSMED ACT 2006 AND PUBLIC PROCUREMENT POLICY 2012

MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (five years from the date of issue of Acknowledgement in EM II).

Or

Valid NSIC certificate or EM II certificate along with attested copy of CA certificate (Format enclosed: ANNEXURE VIII) where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year (latest audited).

Date to be reckoned for determining the deemed validity will be the date of bid opening (Part 1 in case of two part bid).

Non-submission of such documents will lead to consideration of their bid at par with other bidders.

No benefit shall be applicable for this enquiry if any deficiency in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal. Documents should be notarized or attested by a Gazette officer.

ANNEXURE - VIII
CERTIFICATE BY CHARTERED ACCOUNTANT ON LETTER HEAD

This is to certify that M/s
.....(Hereinafter referred to as `Company`) having
its registered office at is registered under MSMED Act 2006, (Entrepreneur
Memorandum No ((Part-II) dtd Category:
(Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment of the company as per the
latest audited financial year **as per MSMED Act 2006 is as follows:**

1. For Manufacturing Enterprises: Investment in plant and machinery (i.e., original cost excluding land
and building and the items specified by the Ministry of Small Industries vide its notification No.S.O.1722
(E) dated October 5, 2006:

Rs.Lacs.

2. For Service Enterprises: Investment in equipment (original cost excluding land and building
and furniture, fittings and other items not directly related to the service rendered or as may be
notified under the MSMED Act, 2006:

Rs.Lacs.

The above investment of Rs. Lacs in within permissible limit of Rs..... Lacs
for.....Micro / Small (Strike off which is not applicable) Category under MSMED
Act 2006.

(or)

The company has been graduated from its original category (Micro/Small) (Strike off which is not
applicable) and the date of graduation of such enterprise from its original category is
.....(dd/mm/yy) which is within the period of 3 years from the date of graduation of such enterprise
from its original category as notified vide S.O.No.3322(E) dated 01.11.2013 published in the gazette
notification dated 04.11.2013 by Ministry of MSME.

Date:

(Signature)

Name -

Membership Number -

Seal of Chartered Accountant

Public Procurement (Preference to Make in India)

For this procurement, Public Procurement (Preference to Make in India), Order 2017 dated 15.06.2017, 28.05.2018, 29.05.2019 & 04.06.2020 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.

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.

Arbitration Clause in case of Contract with contractors/vendors /consultants other than Public Sector Enterprise (PSE) or a Government Department:

ARBITRATION & CONCILIATION

The parties shall attempt to settle any disputes or difference arising out of the formation, breach, termination, validity or execution of the Contract; or, the respective rights and liabilities of the parties; or, in relation to interpretation of any provision of the Contract; or, in any manner touching upon the Contract, or in connection with this contract through friendly discussions. In case no amicable settlement can be reached between the parties through such discussions, in respect of any dispute; then, either Party may, by a notice in writing to the other Party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL – EDN. Such Sole Arbitrator appointed, shall conduct the arbitration in English language.

The Arbitrator shall pass a reasoned award and the award of the Arbitration shall be final and binding upon the Parties.

Subject as aforesaid, the provisions of Arbitration and Conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be Bangalore.

The cost of arbitration shall be borne as decided by the Arbitrator upon him entering the reference.

Subject to the Arbitration Clause as above, the Courts at Bangalore alone shall have exclusive jurisdiction over any matter arising out of or in connection with this Contract.

Notwithstanding the existence or any dispute or differences and/or reference for the arbitration, the parties shall proceed with and continue without hindrance the performance of its obligations under this Contract with due diligence and efficiency in a professional manner except where the Contract has been terminated by either Party in terms of this Contract.

Arbitration Clause in case of Contract with contractors/vendors /consultants when they are a Public Sector Enterprise (PSE) or a Government Department:

In the event of any dispute or difference relating to the interpretation and application of the provisions of the Contract, such dispute or difference shall be referred by either party for Arbitration to the Sole Arbitrator in the Department of Public Enterprises to be nominated by the Secretary to the Government of India in-charge of the Department of Public Enterprises. The Arbitration and Conciliation Act, 1996 shall not be applicable to arbitration under this clause. The award of the Arbitrator shall be binding upon the parties to the dispute, provided, however, any Party aggrieved by such Award may make further reference for setting aside or revision of the Award to the Law Secretary, Department of Legal Affairs, Ministry of Law and Justice, Government of India. Upon such reference the dispute shall be decided by the Law Secretary or the Special Secretary or Additional Secretary when so authorized by the Law Secretary, whose decision shall bind the Parties hereto finally and conclusively. The Parties to the dispute will share equally the cost of arbitration as intimated by the Arbitrator.”

Certificate by statutory auditor or cost auditor of the company (in the case of companies)

or

from a practicing cost account or the practicing chartered accountant (in respect of supplies other than companies) on their letter head

In line with Government Public Procurement Order No. P-45021/2/2017-BE-II dt. 15.06.2017, P-45021/2/2017-PP (BE-II) dated 28.05.2018

AND

P-45021/2/2017-PP (BE-II) dated 29.05.2019, issued by Ministry of Commerce and Industry

AND

Office Memorandum issued by MNRE REF no F No. 146/57/2018-P&C dated 11/12/2018

We hereby certify that

.....

(Supplier name) are local supplier meeting requirement of minimum local content (40%) defined in as above orders for the material against Enquiry No. (details of tender mentioned)

.....

Details of location at which local value addition will be made is as follows:

.....

.....

.....

We also understand, false declarations will be in breach of the Code of Integrity under Rule 175(1)(i)(h) of the General Financial Rules for which a bidder or its successors can be debarred for up to two years as per Rule 151 (iii) of the General Financial Rules along with such other actions as may be permissible under law.

Seal and Signature of Authorized Signatory with date

CIN:

Annexure - VIII

Certificate by Chartered Accountant on letter head

This is to Certify that M/S _____
(hereinafter referred to as 'company') having its registered office at _____
is registered under MSMED Act 2006, Udyam
Registration Number: _____ dtd: _____
Category: _____ (Micro/Small). (Copy enclosed).

Further verified from the Books of Accounts that the investment and turnover of the company as per the latest audited financial year _____. as per MSMED Act 2006 is as follows:

1. **For Enterprises:** Investment in plant and machinery (i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O. 2119(E) dated June 26, 2020 is INR_____.Lacs

The above investment of INR _____.Lacs is within permissible limit of INR _____Lacs for _____Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

2. **.For Enterprises:** turnover specified by the Ministry of Small Scale Industries vide its notification No. S.O. 2119(E) dated June 26, 2020 is INR_____.Lacs.

The above turnover of INR _____Lacs is within permissible limit of INR _____Lacs for _____Micro / Small (Strike off which is not applicable) Category under MSMED Act 2006.

Based on above details, considering Composite criteria of investment and turnover for classification under clause no 3.1; 3.2 and 3.3 of said notification, the enterprise is classified under category:_____

Date.
(Signature)
Name -
Membership number –
UDIN:
Seal of Chartered Accountant

| Sr. No. | Details | Action By |
|---------|--|-----------|
| F | <p><u>SHIPPING MARKS ON PACKAGE/CASE:</u> Each package shall be clearly marked or stenciled on at least two sides as follows:</p> <p><u>Project Description:</u> "Construction of 2 X 60 MVA, 132/33 kV Sub- Station, 50 kVA Solar Powered Mini Grids in 23 LGAs & Solar Powered Stand Alone Street lights in Kaduna State, Nigeria "</p> <p><u>Customer:</u> KADUNA STATE MINISTRY FOR RURAL AND COMMUNITY DEVELOPMENT 1 KADUNA STATE SECRETARIAT, KADUNA REPUBLIC OF NIGERIA</p> <p><u>Exporter:</u> Bharat Heavy Electricals Limited International Operations Division New Delhi –110003, INDIA</p> <p><u>Port of Loading:</u> IO/ROD will intimate separately</p> <p><u>Port of Discharge:</u> IO/ROD will intimate separately</p> <p><u>Final Destination:</u> KADUNA, REPUBLIC OF NIGERIA</p> <p>Each package should have the following inscriptions and signs stenciled with an indelible ink legibly and clearly:</p> <p><u>Package number:</u> BHEL/KAD/XXX/YY/ZZZ</p> <p>XXX to be named SPV for Solar PV Module, AJB for Array Junction Box, INV for inverter and BAT for battery. YY to be numbered as 05 for 5 kVA equipment, 10 for 10 kVA equipment, 15 for 15 kVA equipment and 00 for spares. ZZZ stands for case Number</p> <p>Gross weight and Net weight in kgs: Dimensions (L X B X H) in cm:</p> | Vendors |

| Sr. No. | Details | Action By |
|---------|--|-----------|
| G | <p>SPECIAL PACKING INSTRUCTION FOR EDN/EPD & VENDORS:</p> <p>The solar system to be installed in Kaduna State in Nigeria under this project is of three ratings, which are 5 kVA, 10 kVA & 15 kVA. There are 221 location spread all over Kaduna state, at which 186 Nos. of 5 kVA, 31 Nos. 10 kVA system and 4 Nos. of 15 kVA system is to be installed.</p> <p>EDN/EPD is requested to take special care while preparing boxes for Solar PV module. All modules required for a given rating (i.e. 5 kVA, 10 kVA or 15 kVA) to be packed in single box and package to be named as per instruction provided above. 221 Nos. of PV module spares to packed as per packing convenience, however, package to be named as per instruction provided above.</p> <p>Similar procedure to be adopted for AJB, Battery and Inverter.</p> | Vendors |
| H | <p><u>GENERAL PACKING INSTRUCTION AND INSPECTION PRIOR TO DISPATCH OF MATERIAL BY EDN/ SUB-VENDORS:</u></p> | |
| 1. | <p>Packing (tare) shall be part of the Equipment cost and shall not be subject to return. The packing should ensure integrity and cohesiveness of each delivery batch of Equipment during transportation. In case of Equipment assemblies and unit's delivery in the packing of glass, plastics or paper, the specification of packing with the material and weight characteristics are to be indicated.</p> <p>Hazardous goods must be packed as per international standards/practice.</p> <p><u>Case Number Marking:</u> Cases which cannot be marked as above shall have metal tags with the necessary markings on them. The metal tags shall be securely attached to the packages with strong steel binding wire.</p> | Vendors |
| 2. | <p>All equipment and materials and other Plant shall be suitably coated, wrapped, or covered and boxed or crated for export shipment and to prevent damage during handling and storage at the Site. Cardboard boxes shall be enclosed in a solid wooden cases.</p> | Vendors |
| 3. | <p>Equipment and process materials shall be packed and semi-knocked down, to the extent possible, to facilitate handling and storage and to protect bearings and other machine surfaces from oxidation. Each container, box, crate or bundle shall be reinforced with steel strapping in such a manner that breaking of one strap will not cause complete failure of the packaging. The packing shall be of best standard to withstand rough handling and to provide suitable protection from tropical weather while in transit and while awaiting erection at the site.</p> | Vendors |
| 4. | <p>Equipment and materials in wooden cases or crates shall be properly cushioned to withstand the abuse of handling, transportation and storage. Packing shall include preservatives suitable to tropical conditions. All machine surfaces and bearings shall be coated with oxidation preventative compounds. All parts subject to damage when in contact with water shall be coated with suitable grease and wrapped in heavy asphalt or tar impregnated paper.</p> | Vendors |

| Sr. No. | Details | Action By |
|---------|--|-----------|
| 5. | Crates and packing material used for shipping will become the property of Employer. Shippers container used for transportation of material shall be returned to the Contractor. | Vendors |
| 6. | Each part of the equipment which is to be shipped as a separate piece or smaller parts packed within the same case shall be legibly marked to show the unit of which it is part, and match marked to show its relative position in the unit, to facilitate assembly in the field. Unit marks and match marks shall be made with steel stamps and with paint. | Vendors |
| 7. | Wherever necessary besides usual Inscriptions the cases shall bear special indication such as "Top", "Do not turn over", "Care", "Keep dry", etc., as well as indication of the center of gravity (with red vertical lines) and places for attaching slings (with chain marks). For all fragile equipment , unit should take special care to pack and label with additional markings such as “ FRAGILE- HANDLE WITH CARE” , “ LIFTING POINTS” , “ THIS WAY UP” , “ DO NOT STACK” etc. to protect them from damage in transit. | Vendors |
| 8. | Concerned CQA/Unit QC/Third Party Inspection Agency shall verify the completeness of contents of each package w.r.t packing list both in terms of quality and quantity before authorizing dispatch of the consignment. Unit commercial to ensure the content of the package as per the packing list before dispatching to ROD especially vendor items and shall keep proper record of each package sent. | Vendors |
| 9. | Packing commensurate with international standards and accepted norms will be ensured by CQA/ Unit QC/Third Party Inspection Agency. Packing has to be sea-worthy and secure. As far as possible, the packing has to be rectangular in shape for optimum space utilization in the ship and economize on shipping costs. Projections on packages are prohibited. | Vendors |
| 10. | The packing list has to be checked and certified by the Inspection agency with due signatures. All packages shall be enclosed in suitable GI sheets on all sides. | Vendors |
| 11. | No loose items / Gunny bag packing are allowed for shipment. Proper pallets and crates are to be used for packing of Oil drums and Structures, if any. | Vendors |
| 12. | <u>Routing of Packing Lists:</u> Packing list is an extremely important document, which forms a part of export documentation in connection with the processing of customs formalities. Packing List has to be generated by units/Unit vendors and sent to IO and ROD, two weeks in advance, for processing and obtaining shipping bills' clearances and avoiding any delay at Mumbai port. | Vendors |
| 13. | <u>Advance intimation to ROD- Mumbai & IO:</u> All supplying units/vendors will give at least 15 days advance intimation to ROD-Mumbai & IO along with package details before actual dispatches to arrange for storage/shipping arrangements by ROD Mumbai. Information must be sent to consolidate the details and arrange for shipments in time. | Vendors |

| Sr. No. | Details | Action By |
|---------|---|---------------|
| 14. | <p><u>Telephonic Intimation to ROD Mumbai of Movement of Vehicles:</u> Vehicle drivers to be instructed by the units to contact ROD regarding movement of vehicles on daily basis. Especially 2 days before arrival at Mumbai so that suitable directives can be given to the driver of the vehicle for further transportation of the goods to either docks or godown.</p> | Vendors |
| 15. | <p><u>Bond or Letter of Undertaking:</u> All units to ensure Corporate indirect taxation guidelines.</p> <p><u>Sealing of Container:</u> All units to ensure CBEC Circular 26/2017 and Corporate indirect taxation guidelines in this regard may please be followed</p> <p><u>Other Procedures w.r.t Export:</u> Various guidelines issued time to time from Corporate indirect taxation regarding export may please be referred and to be followed.</p> | EDN / Vendors |
| 16. | <p><u>Provision of Inspection Windows on Packages:</u></p> <p>Unit/Vendors should provide inspection window of size 6" x 4" (glass perplex) for customs examination for all packages (above 1.5 x 1.5 x 1.5 cu m) involving panels of any kind. Care would be taken to ensure that all packages are properly sealed to avoid ingress of moisture, rodents etc. Packing slip folders shall be attached in each box.</p> | Vendors |
| 17. | <p><u>Marking for Safe Handling:</u> To ensure safe handling, packing case shall be marked to show the following:</p> <ul style="list-style-type: none"> • Upright position. • Sling position and Centre of Gravity position. • Storage category. • Fragile components (to be marked properly with a clear warning for safe handling). | Vendors |
| 18. | <p><u>Marine Insurance Policy:</u> Insurance cover for shipment of material from unit works/ vendor works to ROD, Mumbai upto boarding of material on ship shall be taken by respective unit. Marine Insurance cover for shipment of material from Indian port to Nigerian port shall be taken by IO.</p> | EDN/vendors |
| 19. | <p>GST Invoice as per M form. -</p> <p>Following details to be mentioned in GST Invoice for Export –</p> <ol style="list-style-type: none"> 1. Forex Bank Account no. for all type of Shipping Bill. 2. Authorized Dealer Code no. with Name of Bank for all type of Shipping Bill. 3. Duty Drawback Account no. with IFS code of Bank for Drawback Shipping Bill. <p>As invoice will be used for export custom clearance details like HS code; CIF value, Freight value, Insurance value, FOB value in FC; Shipper name; Manufacturer name; Shipping bill type; Port of Loading (POL); Port of Discharge (POD); DBK serial no; Advance authorization no; EPCG License no, as applicable should appear on invoice.</p> <p>Unit/ vendors to provide invoice and packing list to IO/ROD</p> | EDN/vendors |

| Sr. No. | Details | Action By |
|---------|--|-----------------|
| | <ul style="list-style-type: none"> Type of Shipping Bills. All Unit/vendors have to send their DEEC & EPCG license details to ROD Mumbai as per cargo dispatches. | EDN/vendors |
| | Catalogues/literature/write-up in case of customs endorsement for discharging exports obligation in case of DEEC imports to be made available to ROD before arrival of goods in the city of port of dispatch. | Vendors |
| | <p><u>Certificate of Conformity:</u></p> <p>Vendors are required to obtain the Product Certification/ SONCAP Certification from Internationally Accredited & Accepted Company for LC Opening as well as dispatch of items.</p> | Vendors |
| | <p><u>All materials to be dispatched under intimation to ROD Mumbai:</u></p> <p>Name and address of ware will be intimated separately by IO/ROD.</p> <p>The couriers /correspondence shall be sent to the following address - Shri Vinayak Joglekar AGM, Bharat Heavy Electricals Ltd, Regional Operations Division, 14th/15th Floor, World Trade Centre-1, Cuffe Parade, Colaba, Mumbai-400 005 Ph No-022-22171 300 Mob – 9429899320 E-mail: vj@bhel.in</p> | EDN/vendors |
| | <p><u>Customs formalities Period:</u></p> <p>Packages arriving at the port shall have a minimum time of 3 working days for customs examination and other related formalities in respect of the cargo under shipment. The goods received after arrival of the ship may not be loaded if either sufficient time does not exist or space available in the ship is booked by the carrier for other exporters due to lack of availability of the goods at the port in time for shipment from BHEL. In case, where the committed cargo to the carrier based upon information received from all the units does not reach in time of scheduled shipment at the port of dispatch, IO would be within its right to decide the priority of loading as per the project schedule requirements given the condition that adequate space in the ship is not available to accommodate the cargo.</p> | For information |
| | <p>Shipping Procedures and ROD Responsibilities: Consolidation of Packages and Storage in Warehouse. ROD either themselves or through their CHA would ensure following:</p> <ul style="list-style-type: none"> Proper storage of goods at an elevated level if store is in open to avoid damages to the consignment during rainy season (All the packages to be covered with a proper tarpaulin in open storage). All items to be stored indoors. Consolidation of the goods as per summary packing lists. Check marks and numbers on packages. Carry out the corrections, if necessary. Label the packages linking to the proposed shipping carrier to ensure that package does not get left out. Repair any damage to the packing before loading onto the ship with cost debit to concerned units. | ROD |

Packing standards

1. Items should be packed first with triple layer polythene sheet, Critical fragile items to be wrapped in bubble wrap.
2. High Quality Pine wood packing is required above the triple layer packing sheet.
3. Fumigation of the wood to be done. Fumigation certificate to be provided
4. BHEL packing numbers as per the shipping instruction will be provided and during dispatch the same to be permanently painted.
5. For critical electronic items, if any, the wooden packages to be covered with Thick tarpaulin sheet.
6. Detailed packing plan shall be submitted by vendor for BHEL's approval. BHEL will inspect the packing standard at CHA Godowns for each shipment.
7. Proper handling instructions to be pasted on the packages.
8. In case any rejection of package by BHEL during physical verification at CHA Godown, it is vendor's responsibility to set the packing right by making visit to CHA Godown.
9. All the necessary certifications for the packing done to enable the containerized shipment shall be in the scope of vendor.