

**BHARAT HEAVY ELECTRICALS LTD.
(TRANSMISSION BUSINESS GROUP)**

GENERAL TERMS AND CONDITIONS FOR TENDER ENQUIRY / CONTRACT

This is to be submitted duly signed by bidder in original. Clause-wise deviations and / or additional conditions / clarifications, if any, are to be brought out clearly in “Schedule of Commercial Deviation”. Deviations and / or additional conditions / clarifications, if any, mentioned elsewhere in the bid / offer, shall not be considered.

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1.	INSTRUCTION TO BIDDERS : 1.1 Sealed bids are invited for the items mentioned in the tender enquiry conforming to the NIT including Technical Specifications. Bids should be typed and free from overwriting and erasures. Corrections or additions / deletions, if any, must be clearly written and attested, otherwise offer may be rejected. 1.2 Bidder must ensure that their bid is submitted / dropped in the tender box on or before 14-00 Hrs. IST on the due date of opening, unless otherwise specified in the NIT, at the address as follows :- Tender Box, Materials Management, Transmission Business Group, Bharat Heavy Electricals Limited, 5th Floor, Tower-A, Advant Navis IT Business Park, Plot-7, Sector-142, Noida Expressway, Noida, Dist. G. B. Nagar, U. P. ñ 201305 1.3 In case tender enquiry is floated though the e-procurement system, offer / bid has to be submitted through the e-procurement system ONLY as per instructions given in the e-procurement portal (https://bheleps.buyjunction.in). 1.4 The bids shall be opened at 14-30 Hrs. IST on the due date of opening, in the presence of participating bidders who may like to be present, unless otherwise specified in the NIT. Bids received late are liable for rejection. Bidders sending bids by courier or post will have to ensure that it is timely delivered at the above address. 1.5 Bids are to be submitted duly signed with seal in two parts :- a) Techno-commercial Bid (Part-I) ñ To be submitted in 2 sets (original + copy). A copy of Price Bid (Part-II) clearly mentioning all the necessary information as per format without prices ðUn-Priced Bidð is also to be enclosed in Part-I Bid. b) Price Bid (Part-II) ñ To be submitted only in one set in a separate sealed envelope. This should not contain any Technical and / or Commercial Terms and Conditions. The rates should be quoted both in figures and words. 1.6 The Part-I and Part-II Bids are to be sealed in separate envelopes and marked

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	as "Techno-commercial Bid (Part-I)" and "Price Bid (Part-II)" respectively. Both the envelopes are to be kept in another common envelope and marked as "BID". Each envelope should be sealed and super scribed with tender enquiry no., item / package name, project name and due date of opening. Bidder's name and address shall also be mentioned on each envelope. 1.7 For any technical clarification, please contact official mentioned in the tender enquiry / NIT. 1.8 For any commercial clarification please contact official issuing tender enquiry / NIT. 1.9 Price bid (Part-II) should not contain any additional information / description other than given in "Un-Priced Bid" submitted with "Techno-commercial Bid (Part-I)" except prices, otherwise bid is liable for rejection. 1.10 Price Bid submitted along with the bid shall remain valid up to validity of offer. Any discount / revised offer submitted by the bidder on its own shall be accepted provided it is received 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 including optional items, if any, unless specified otherwise by the bidder. Discount offered shall be valid for full duration of validity of the offer including extension of validity, if any. Unsolicited Supplementary / Revised Price Bid submitted after the due date and time of offer submission (i.e. Part-I Bid), during validity period of offer, unless asked by BHEL, shall not be considered. Withdrawal of quotation by the bidder, at any stage after its opening, may entail suitable action against such bidder by BHEL. 1.11 The consultants / firm (and any of its affiliates) shall not be eligible to participate against tender enquiry for the related goods or works or services for the same project, if they were engaged by BHEL-TBG for the consultancy services. 1.12 In case any Foreign OEM / Foreign Principal insists on engaging the services of an agent, such agent shall not be allowed to represent more than one manufacturer / supplier in the same tender. Moreover, either the agent could bid on behalf of the manufacturer / supplier or the manufacturer / supplier could bid directly but not both. In case bids are received from the manufacturer / supplier and the agent, bid received from the agent shall be ignored. 1.13 Non-conformities / errors / discrepancies in quoted prices in price bids shall be dealt as follows :- 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 BHEL 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. c) If there is a discrepancy between words and figures, the amount in

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	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 as mentioned in (a), (b) & (c) above, 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 BHEL, the bid is liable to be ignored. 1.14 In case the scope of the successful bidder / supplier against this tender enquiry includes Erection, Testing and Commissioning (ETC) of the equipment / material at site in addition to Supply, Purchase Order shall be placed for Supply Portion and Contract shall be separately awarded for ETC at Site Portion. General Terms and Conditions for Tender Enquiry / Contract mentioned herein shall be applicable for both Supply & ETC at Site. Additional Terms and Conditions for Tender Enquiry / Contract for Erection, Testing and Commissioning at Site @BHEL/TBG/GTC-ETC/2016 Rev. 01 shall be applicable for ETC at Site only which is to be read in conjunction with General Terms and Conditions for Tender Enquiry / Contract mentioned herein. However, any breach of either the Purchase Order or the Contract shall be deemed to be breach of the other. 1.15 Taxes and Duties payable extra as per Clause No. 2.3 in NIT, if not specified/quoted clearly as extra shall be considered as included in Ex-works Price and therefore shall not be reimbursed. Taxes and duties not payable extra as per NIT shall be deemed to be included in Ex-works Price. 1.16 If the rates for taxes and duties in respect of the quoted materials and / or services assumed by the Supplier are less than the tariff prevailing at the time of tendering, Supplier will be responsible for such under quotations. However if the rates assumed are higher than the correct rates prevailing at the time tendering, the difference will be to the credit of BHEL. Note : Representative / official deputed by the bidder to witness tender opening must produce authorization letter for the same.
2.	PRICES : 2.1 Unless specifically indicated in the NIT, all prices shall be FIRM. No enhancement of rate for whatsoever reasons unless and until asked by BHEL shall be allowed. 2.2 Unless specifically indicated in the NIT, the prices shall be on INR basis. 2.3 Unless specifically indicated in the NIT, the prices are to be quoted on FOR (Site / Destination) basis excluding GST. The break-up of prices shall be as under :- a) Ex-works Price: Ex-works price including packing & forwarding charges. b) Freight: Freight for door delivery up to destination / site / store are to be quoted separately. c) Insurance: Insurance for door delivery up to destination / site / store are to be quoted separately.

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	d) Type Test Charges: If asked in the technical specification, it is to be quoted separately for each test. e) Charges for Supervision of Erection, Testing & Commissioning (ETC) at Site: To be quoted separately if specified in NIT/Price Schedule. f) Charges for Testing & Commissioning at Site: To be quoted separately if specified in NIT/Price Schedule. g) Charges for Erection, Testing & Commissioning at Site: To be quoted separately if specified in NIT/Price Schedule. h) Training Charges: To be quoted separately if specified in NIT/Price Schedule. 2.4 GST rates along with HSN/SAC code as applicable on Sr No (a) to (h) above is to be mentioned separately in percentage in both un-priced bid and price bid. Note : i) Unless otherwise specified in the NIT, the purchase order shall be placed on Ex-works basis for Indian bidders. ii) Prices quoted by Indian bidders shall be in Indian Rupees only. iii) In case Supervision of Erection, Testing & Commissioning (ETC) at Site or Testing & Commissioning at Site or Erection, Testing & Commissioning at Site is also in scope of the bidder along with supply, bidder has to ensure that prices quoted for such services also are in line with special terms & conditions of the NIT, if any. iv) Unless otherwise specified in the NIT, Unloading at Site / Destination shall not be in the scope of the supplier. v) Prices in respect of Sr No (a) to Sr No (h) of Clause 2.3 above are to be quoted inclusive of all taxes & Duties, charges. Levies, royalty etc. if any, excluding GST.
3.	TERMS OF PAYMENT : 3.1 For Supply only in scope of the supplier 100% of payment within 60 days from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows : · LR / GR duly endorsed by BHEL Site Official. · Material Receipt Certificate issued by BHEL Site Official. · GST Compliant Tax Invoice · Packing List (Case-wise) · Copy of Transit Insurance Certificate from underwriters. · Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management · Guarantee Certificate · Copy of Performance Bank Guarantee (PBG) · Certificate of acceptance of Type Test Reports issued by BHEL Engineering Management wherever specifically mentioned in the Purchase Order. 3.2 For Supply where Supervision of Erection, Testing & Commissioning (ETC) at Site is in scope of the supplier or Supply where Testing & Commissioning at Site is in scope of the supplier

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	a) 95% of payment within 60 days from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows : · LR / GR duly endorsed by BHEL Site Official. · Material Receipt Certificate issued by BHEL Site Official. · GST Compliant Tax Invoice · Packing List (Case-wise) · Copy of Transit Insurance Certificate from underwriters. · Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management · Guarantee Certificate · Copy of Performance Bank Guarantee (PBG) · Certificate of acceptance of Type Test Reports issued by BHEL Engineering Management wherever specifically mentioned in the Purchase Order. b) 5% of payment within 60 days from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows : · Certificate of successful completion of Supervision of Erection, Testing & Commissioning at Site if it is in the scope of the supplier or Certificate of successful completion of Testing & Commissioning at Site if it is in the scope of the supplier. · Certificate of completion of final documentation as per Purchase Order / Technical Specification issued by BHEL Engineering Management 3.3 For Supply where Erection, Testing & Commissioning (ETC) at Site is in scope of the supplier a) 90% of payment within 60 days from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows : · LR / GR duly endorsed by BHEL Site Official. · Material Receipt Certificate issued by BHEL Site Official. · GST Compliant Tax Invoice · Packing List (Case-wise) · Copy of Transit Insurance Certificate from underwriters. · Material Inspection Clearance Certificate (MICC) issued by BHEL Quality Management · Guarantee Certificate · Copy of Performance Bank Guarantee (PBG) · Certificate of acceptance of Type Test Reports issued by BHEL Engineering Management wherever specifically mentioned in the Purchase Order b) 10% of payment within 60 days from the date of receipt of complete invoice along with documents in 3 sets (original + 2 copies) as follows : · Certificate of successful completion of Erection, Testing & Commissioning at Site issued by BHEL Site Official / Construction Management · Certificate of completion of final documentation as per Purchase Order / Technical Specification issued by BHEL Engineering Management 3.4 For Type Test Charges 100% payment along with applicable GST within 60 days from the date of receipt of complete GST compliant Tax invoice along with copy of Certificate of acceptance of Type Test Reports issued by BHEL Engineering Management in 3 sets (original + 2 copies) on completion of delivery (at site, if F&I is in scope of

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	supplier) of main supplies (excluding spares) for which Type Tests are applicable. List of main supplies (excluding spares) for which Type Tests are applicable shall be certified by BHEL Engineering Management. 3.5 For Charges for Supervision of Erection, Testing & Commissioning at Site 100% payment along with applicable GST within 60 days from the date of receipt of complete GST compliant Tax invoice along with certificate of successful completion of Supervision of Erection, Testing & Commissioning at Site issued by BHEL Site Official / Construction Management in 3 sets (Original + 2 copies). 3.6 For Charges for Testing & Commissioning at Site 100% payment along with applicable GST within 60 days from the date of receipt of complete GST compliant Tax invoice along with certificate of successful completion of Testing & Commissioning at Site issued by BHEL Site Official / Construction Management in 3 sets (Original + 2 copies). 3.7 For Training Charges 100% payment along with applicable GST within 60 days from the date of receipt of complete GST compliant Tax invoice along with certificate of completion of training issued by BHEL Engineering Management in 3 sets (original + 2 copies). Note : i) Supplier has to submit invoice(s) as per PO or approved billing break-up of prices (if applicable as per NIT). ii) In case of supplies for overseas project, Material Receipt Certificate issued by BHEL Authorized Representative shall also be acceptable. iii) In case of Transit Insurance under Open Insurance Policy, Intimation / Declaration of Transit Insurance as per terms of the relevant Open Insurance Policy along with copy of Open Insurance Policy from underwriters shall also be acceptable. iv) Supplier has to ensure commencement of transit insurance from the date not later than LR / GR date. v) Supplier has to submit Tax Invoice(s). Supplier should ensure that Tax Invoice should comply all statutory requirements under GST Law to enable BHEL to avail input credit vi) MSMED Act, 2006 and the rules made thereunder as amended from time to time shall be applicable for release of payment to suppliers qualified & registered as Micro & Small Enterprises based on documents mentioned in the NIT for MSME. vii) Supplier has to submit PBG (as per BHEL format) & Guarantee Certificate as per PO terms. viii) In case any shortages and / or damages in supplies, an amount calculated

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	based on comments against Material Receipt Certificate issued by the BHEL Site Official shall be withheld from the supply payment against 3.1(a) or 3.2(a) above to be deemed fit by BHEL subject to a minimum of 10% of the total ex-works value of the invoice corresponding to the LR / GR against which any shortages and / or damages are reported. The withheld amount shall be released after the shortages and / or damages in supplies are supplied / replenished against Certification by BHEL Site Official. ix) Payment of GST component shall be made only if vendor has deposited the Tax and credit for the same is reflected in GSTN (GST Network). In case credit of the same is not reflected in GSTN , vendor may alternatively furnish BG of GST Amount for a period valid for not less than 1 month .In case of disallowance of credit /non reflection of credit in GSTN , amount will be recovered from supplier along with applicable Interest , penalty etc from any of his dues. x) If GST is payable by BHEL on reverse Charge Mechanism basis, vendor should ensure the submission of GST compliant Tax invoice immediately on dispatch/ performance of service. In case of non-compliance any additional charges towards interest, penalty etc, will be to vendors account. xi) TDS under GST Act, if applicable, shall be deducted unless Exemption Certificate If applicable, from the appropriate authority is furnished to BHEL along with Invoice.
4.	INTEREST LIABILITY : In case of any delay in payment due to any reason, BHEL shall not pay any interest on delayed payment. Also, no interest shall be payable by BHEL on the bank guarantee / deposit amount or balance payment or any other money which may become due owing to difference or misunderstanding or any dispute before any quasi judicial authority between BHEL and the Supplier / Contractor.
5.	GUARANTEE : The equipment / material supplied and services rendered (if applicable) shall be guaranteed to be free from all defects and faults in design & engineering, material, workmanship & manufacture and in full conformity with the Purchase Order / Contract, Technical Specifications & approved drawings / data sheets, if any, for 18 months from the date of last delivery or 12 months from the date of commissioning, whichever is earlier. Wherever Erection, Testing & Commissioning at Site are also in the scope of the Supplier, the guarantee period shall be 18 months from the date of last delivery or 12 months from the date of commissioning, whichever is later. The defective equipment / material / component shall be replaced free of cost at site. Freight & Insurance during transit shall also be in the scope of the supplier / contractor. Any expenditure for dismantling and re-erection of the replaced equipment / material / component shall be to supplier's / contractor's account. All replacements during the guarantee period shall be delivered at site promptly and satisfactorily within a period not more than 45 days from the date of reporting the defect / rejection etc. In the event of the supplier / contractor failing to replace the defective equipment / material / component within the time period mentioned above, BHEL may proceed to undertake the replacement of such defective equipment / material / component at the risk and cost of the supplier / contractor without prejudice to any other rights under the contract and recover the same from PBG / other dues of this Purchase

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	Order / Contract or any other Purchase Order / Contract executed by the supplier / contractor. Note : i) In case of Illumination System, items viz. Lamps, Tubes, Ballast, Starters, Capacitors & Fuses will not be under Guarantee after commissioning. ii) In addition to the above guarantee period, Extended Guarantee / Warranty, if any, shall be as per NIT / Technical Specifications. iii) In case offer of agent of Foreign OEM / Foreign Principal is considered, as per Clause No. 1.12 above, Guarantee as mentioned above has to be provided by the Foreign OEM / Foreign Principal also.
6.	LATENT DEFECT : Liability for latent defects shall be for defects inherently lying within material or arising out of design deficiency which does not manifest itself during guarantee period but later and shall be limited to five years from the expiry of the guarantee period.
7.	PERFORMANCE BANK GUARANTEE (PBG) : Supplier shall arrange to submit Performance BG / Deposit on a non-judicial stamp paper of appropriate value along with first invoice or within 60 days from placement of Purchase Order (PO) whichever is earlier, in line with one of the applicable options as follows :- <u>Option A</u> A single rolling PBG for Rs. 50 Lakhs initially valid for 18 months with claim period of 3 months extra over and above 18 months for all the Purchase Orders being executed for Transmission Business Group, BHEL. However, validity of the PBG shall be extended till 18 months from the date of last delivery with 3 months claim period extra over and above 18 months. Single Rolling PBG option shall not be applicable in case Ex-works value of the PO at the time of placement of PO exceeds Rs. One Crore. <u>Option B</u> PBG for 10% of the total Ex-works PO value, valid for 18 months from the date of last delivery with claim period of 3 months extra over and above 18 months. Ex-works PO value at the time of placement of PO shall be considered for calculation of the PBG amount. <u>Option C</u> In case the total Ex-works PO value at the time of placement of PO does not exceed Rs. Ten Lakhs, interest free Deposit of 10% of the total Ex-works PO value at the time of placement of PO in form of Demand Draft favouring Bharat Heavy Electricals Limited and payable at New Delhi / Delhi / Noida shall also be acceptable to BHEL in lieu of PBG, which shall be released after expiry of 21 months from the date of last delivery after deduction, if any, within 60 days from receipt of invoice in 3 sets (original + 2 copies) to be submitted by the supplier. Note : i) The Bank Guarantee shall be from any bank as per Annexure for List of Banks (32 Nos.). The original PBG should be sent by issuing Bank directly to AGM (Finance), TBG, BHEL, Noida. ii) Extension of validity of the PBG in original, as per above clause, should be sent by issuing Bank directly to AGM (Finance), TBG, BHEL, Noida at least 45 days before expiry of validity of the PBG. iii) Unless otherwise specified in the NIT, deviation taken for non-submission of PBG / Deposit, as applicable, shall not be accepted.

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	iv) Supplier has to confirm one of the applicable options for submission of PBG / Deposit before placement of PO. v) In case of non submission PBG / Deposit, as applicable, BHEL reserve the right for Risk Purchase as per terms of the NIT and impose Suspension of Business Dealings with the Supplier / Contractor. vi) BHEL reserve the right to encash the Bank Guarantee and forfeit the amount in the event of any default, failure or neglect on part of the Supplier in fulfilment of performance of the Purchase Order. vii) Value of the Bank Guarantee (at the time of submission) shall remain unchanged for any subsequent variations in Purchase Order value up to $\pm 20\%$. Beyond this variation of $\pm 20\%$, the Supplier shall arrange to enhance or may reduce the value of the Bank Guarantee accordingly for the total variation promptly. viii) Vendor to ensure submission of Certificate of Final Documentation / Confirmation regarding Non applicability of Final Documentation, as the case may be, as referred in clause No 9 regarding Final Documentation. BG shall be released only after submission of the same to BHEL TBMM.
8.	SUBMISSION OF DRAWINGS / DOCUMENTS FOR APPROVAL : Supplier shall submit the master document list within 7 days from date of Purchase Order / Contract, unless otherwise specified in the NIT, with planned dates for submission which shall be in line with activity schedule as per Purchase Order / Contract and shall be finalized with BHEL Engineering Management. Date of first submission of drawings / documents shall be certified by BHEL Engineering Management after the receipt of applicable drawings / documents (e.g. project specific cover sheet, GTP, OGA drawings, schemes, type test reports etc.) by BHEL. During detailed engineering stage, necessary hard copies of the engineering drawings / documents shall also be submitted by the supplier as per the Purchase Order / Contract requirement. The supplier shall also submit the packing drawings as per technical specifications. In case item(s) offered require any interface details of other item (not in the scope of supplier & required for operating the equipment), the supplier has to submit interfaces schedule along with submission of engineering drawings / documents. It shall be responsibility of the supplier to get the details of the interfaced item from BHEL before manufacturing to avoid any mismatch at site.
9.	FINAL DOCUMENTATION : Final documentation as called in the Technical /contract specification is to be submitted within 3 months from the date of first delivery of respective equipment, item/material. After submission of Final Documentation, BHEL Engineering Management (TBEM) will issue a Certificate of Completion of Final Documentation. Wherever Final Documentation is not applicable, BHEL Engineering Management (TBEM) will issue confirmation regarding the same, Vendor to submit the Certificate of Final Documentation / Confirmation regarding Non applicability of Final Documentation, as the case may be, to BHEL TBMM. In case of Non Submission of Certificate of Final Documentation / Confirmation regarding Non applicability of Final Documentation, BG will be liable for encashment.
10.	INSPECTION : BHEL / customer / third party shall inspect equipment / material before despatch. Stage inspection during manufacturing may also be carried out. Material to be despatched only after getting Material Despatch Clearance Certificate (MDCC) / MICC issued by BHEL. Supplier shall send inspection call on prescribed format / web site only, with an advance notice of 15 days. Supplier to ensure submission of all routine / acceptance test reports, inspection

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	reports and all other documents related to inspection, immediately to BHEL. BHEL representative is authorised to carry out audits along with Third Party Inspection Agency at vendor's / supplier's works before clearing the items for despatch.
11.	DESPATCH DOCUMENTS : Despatch documents to be immediately sent to BHEL on despatch are as follows :- • Copy of Invoice • Copy of LR / GR in case of Indian suppliers or BL / AWB in case of foreign suppliers • Copy of Packing List (Case-wise) • Copy of Transit Insurance Certificate from underwriters • Copy of Guarantee Certificate
12.	DELIVERY PERIOD : Delivery / Completion requirement shall be mentioned in the NIT. Bidder to specify best delivery / completion period possible in weeks from the date of LOI / PO as per activity schedule for consideration by BHEL. Time required for type test, if applicable, is to be separately indicated. Note : LR / GR date or invoice date (whichever is later) for indigenous supplies and BL / AWB date for FOB / CIF (if applicable) contracts shall be considered as delivery date.
13.	LIQUIDATED DAMAGES FOR DELAYED DELIVERY: In case of delay in execution of Purchase Order beyond the contractual delivery time, an amount of 0.5% of the total Purchase Order value for supply (incl. taxes and duties, freight & insurance as applicable) per week of delay or part thereof subject to a maximum of 10% of the total Purchase Order value for supply (incl. taxes and duties, freight & insurance as applicable) shall be deducted as Liquidated Damages (LD) along with applicable GST (if any) on LD. However, in case of staggered (lot-wise) contractual delivery schedule, an amount of 0.5% of the total Purchase Order value for supply (incl. taxes, duties, freight & insurance as applicable) of delayed lot per week of delay or part thereof subject to maximum of 10% of the total Purchase Order value. (Incl taxes, duties, Freight & Insurance as applicable) shall be deducted as Liquidated Damages (LD) along with applicable GST (if any) on LD. Note : i) In case of any amendment / revision in PO /WO, the LD shall be linked to the amended / revised Purchase Order / Contract value and delivery / completion time / schedule, if applicable. ii) LR / GR date or invoice date (whichever is later) for indigenous supplies and BL / AWB date for FOB / CIF (if applicable) for imported supplies shall be treated as the date of dispatch for levying LD as above. iii) However, for indigenous supply, if time period between date of receipt of material at site / destination by Site Official & the date of LR / GR or invoice (whichever is later) is more than 30 days, where distance from place of despatch as per LR / GR is upto 1000 Kms or if time period between date of receipt of material at site / destination by Site Official & the date of LR / GR or invoice (whichever is later) is more than 45 days, where distance from place of despatch as per LR / GR is more than 1000 Kms, such excess period shall also be considered for LD purpose. iv) If, as per supplier, delay is not attributable to the supplier, delay analysis with documentary evidence may be submitted by the supplier at the earliest but not

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	later than six months from the end of the financial year in which the payment is withheld. Based on the above details / documents submitted by the supplier, BHEL shall take final decision and if considered appropriate by BHEL, withheld amount (full or part as the case may be) shall be released, otherwise, full or balance withheld amount shall be treated as deduction of Liquidated Damages (LD) towards delayed delivery.
14.	VALIDITY OF OFFER : The offer shall be valid for 120 days from the due date of opening of tender (i.e. techno-commercial bid unless otherwise specified in the NIT). Prices of Spares, wherever they optional items, shall be valid till two years from the date of placement of PO.
15.	ACCEPTANCE / REJECTION OF TENDER : BHEL reserve the right to reject in full or part, any or all tender without assigning any reason thereof. BHEL also reserve right to vary the quantities as mentioned in the NIT. Acceptance of offer is subject to vendor approval by customer before opening of price bid. BHEL shall not be bound by any power of attorney granted by tenderer or by changes in composition of the firm made subsequent to award of order / contract. BHEL may however recognize such power of attorney and changes after obtaining proper legal advice, cost of which will be chargeable to the seller / contractor concerned. If the tenderer deliberately gives wrong information, BHEL reserves the right to reject such an offer at any stage or cancel the order / contract, if awarded, and forfeit the security deposit and bank guarantee.
16.	DEVIATION : The bids having deviation(s) w.r.t. tender are liable for rejection. However, BHEL, at its discretion, may load the prices for evaluation of offer with prior intimation to bidder.
17.	TENDER EVALUATION : Comparative statement shall be prepared and evaluated on total cost basis at destination/site (as per terms of NIT) considering overall quantity indicated in NIT unless contrary to same is specifically mentioned in the tender enquiry / NIT. Total cost for this purpose shall include cost of scope of work as mentioned in NIT along with applicable taxes & duties, and other services etc. (if applicable). GST input credit available to BHEL shall be reduced from prices while determining L1 status. In case all bidders are foreign & Port of Import (destination port) is same for all the bidders, evaluation of offers shall be done on CIF (Port of Import) basis. Otherwise, evaluation of offers shall be done on the basis of delivered cost at site /destination to BHEL. Further, in case of foreign bidders, marine freight & insurance are to be quoted separately & the purchase order may be placed on FOB basis with an option for delivery on CIF / CFR basis, if required, later. In case of foreign bidders, Exchange Rate (TT selling rate of State Bank of India) as on date of tender opening (Part-I Bid in case of two part bid) shall be considered. If the relevant day happens to be a bank holiday, then the forex rate as on the previous bank (SBI) working day shall be taken for tender evaluation.
18.	LOADING CRITERIA : List of permissible deviations & loading criteria thereof are as follows :- a) Payment Terms Base rate of SBI (as applicable on the date of bid opening / techno-commercial bid opening in case of two part bids) + 6% shall be considered for loading for the period of relaxation sought by bidder(s) against terms of payment in the NIT. b) Liquidated Damages (LD) for Delayed Delivery

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	Loading on LD clause shall be to the extent to which it is not agreed to by the bidder (at offered value). c) In case of foreign bidders, if the quoted prices is on CIF basis only, it shall be loaded to arrive at total FOR (Site / Destination) price, as applicable, by factors as follows :- i) Port handling / clearing charges: @ 1% of CIF value to arrive at Customs Assessable Value. ii) Custom Duty (including CVD & SAD) as per NIT prevailing on date of price bid opening. iii) Inland Freight & Transit Insurance: @ 5% of CIF value where distance between site / destination and Port of Discharge is upto 1000 Kms or @ 7% of CIF value where distance between site / destination and Port of Discharge is more than 1000 Kms. Note : Additional deviations (if considered acceptable by BHEL) & the loading criteria shall be communicated to all the qualified bidders before price bid opening.
19.	ARBITRATION : In the event of any dispute emanating from and relating to this contract, the matter shall be referred to the sole arbitration of the person appointed by the competent authority of BHEL. Subject to aforesaid, the provisions of 'The Arbitration and Conciliation Act, 1996' and the rules made thereunder as amended from time to time in India shall apply to the arbitration proceedings. The venue of arbitration shall be in New Delhi. Further there shall be no claim for any pre-reference or pendente-lite interest on the claims and any claim for such interest made shall be void. However, in case of contract with Public Sector Enterprise / Undertaking (PSE/PSU) or Govt. Dept., the extant guidelines of Govt. of India shall be followed.
20.	LEGAL SETTLEMENT : Indian Courts at New Delhi / Delhi shall have exclusive jurisdiction to decide the dispute, if any, arising out of or in respect of the contract(s) to which these conditions are applicable. Contract, including all matters connected with contract, shall be governed by the Indian Law, both substantive and procedural, for the time being in force including modification thereto.
21.	SUB-CONTRACTING : In case further subcontracting of BHEL Purchase Order / Contract or part thereof is envisaged by supplier, the same can be done after written permission is obtained from BHEL. However it shall not absolve the Supplier / Contractor of the responsibility of fulfilling BHEL Purchase Order / Contract requirements. In case of subcontracting of Purchase Order / Contract awarded by BHEL or part thereof without such permission, BHEL reserve the right to cancel the Purchase Order / Contract and source such material / component / equipment / system from any other agency at the risk and cost of the Supplier / Contractor. If Supplier / Contractor is an individual or proprietary concern and the individual or the proprietor dies or the partnership is dissolved or substantially affected, then unless BHEL is satisfied that legal representative of individual Supplier / Contractor or proprietor of proprietary concern and surviving partners of partnership firm are capable of carrying out and completing the Purchase Order / Contract, BHEL shall be entitled to cancel the Purchase Order / Contract as to its incomplete portion and without being in any way liable to payment of any compensation to legal representative of Supplier / Contractor and / or to surviving partners of Supplier's / Contractor's firm on account of cancellation of the Purchase Order / Contract. Decision of BHEL that legal representatives of deceased Supplier / Contractor or

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	surviving partners of the Supplier's / Contractor's firm cannot carry out and complete the Purchase Order / Contract shall be final and binding on the parties hereto. Terms and Conditions shall not get affected in case of de-merger / amalgamation / taking-over / re-constitution etc.
22.	RISK PURCHASE : In case the Supplier / Contractor fails to supply or fails to comply with terms & conditions of the Purchase Order / Contract or delivers equipment / material not of the contracted quality or fails to adhere to the contract specifications or fails to perform as per the activity schedule and there are sufficient reasons even before expiry of the delivery / completion period to justify that supplies shall be inordinately delayed beyond contractual delivery / completion period, BHEL reserve the right to cancel the Purchase Order / Contract either in whole or in part thereof without compensation to Supplier / Contractor and if BHEL so desires, may procure such equipment / material / items not delivered or others of similar description where equipment / material / items exactly complying with particulars are not readily procurable in the opinion of BHEL which is final and in such manner as deemed appropriate, at the risk and cost of the Supplier / Contractor and the Supplier / Contractor shall be liable to BHEL for any excess cost to BHEL. However, the Supplier / Contractor shall continue execution of the Purchase Order / Contract to the extent not cancelled under the provisions of this clause. Recovery amount on account of purchases made by BHEL at the risk and cost of Supplier / Contractor shall be the difference of total value of new Purchase Order (PO) value and total value of old Purchase Order for applicable items, where the total value of new PO is more than total value of old PO for applicable items, plus additional 15% of the total ex-works value of new PO as overheads. The Supplier / Contractor shall on no account be entitled to any gain on such risk & cost purchase. In case the purchase order (PO) value of the new PO is less than the PO value of the old PO, 15% of the total ex-works value of the new PO shall be recovered as overheads and the difference between the PO value of the old PO and the new PO shall not be considered for calculation of the recovery amount.
23.	ADJUSTMENT OF RECOVERY : Any amount payable by the Supplier / Contractor under any of the condition of this contract shall be liable to be adjusted against any amount payable to the Supplier / Contractor under any other Purchase Order / Contract awarded to him by any BHEL unit. This is without prejudice to any other action, as may be deemed fit, by BHEL.
24.	FORCE MAJEURE CONDITION : If by reason of war, civil commotion, act of god, Government restrictions, strike, lockout which are not in control of Supplier / Contractor the deliveries / services are delayed, Supplier / Contractor shall not be held responsible. If at any time during the continuance of the Purchase Order / Contract, the performance in whole or in part by either party of any obligations under the Purchase Order / Contract is prevented or delayed by reason of any war hostilities, acts of the public enemy, restrictions by Govt. of India, civil commotion, sabotage, fires, floods, explosion, epidemics, quarantine restrictions, strike, lock-outs or acts of God (hereinafter referred to as 'event'), which are not in control of Supplier / Contractor or BHEL, then provided notice of the happening of such event is given by either party to the other within fifteen (15) days from the date of occurrence thereof, neither party shall by reason of such event be entitled to terminate the Purchase Order / Contract nor shall have any claim for damages against each other in respect of such non-performance and delay in performance. Performance under the Purchase Order / Contract shall be resumed immediately after such event has come to an end or

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	ceased to exist and decision of BHEL as to whether the deliveries have to be resumed or not shall be final, conclusive and binding on the parties hereto. In the event of the parties hereto not able to agree that a force majeure event has occurred, the parties shall submit the disputes for resolution pursuant to the provisions hereunder, provided that the burden of proof as to whether a force majeure event has occurred shall be upon the party claiming such an event. Notwithstanding above provisions, BHEL shall reserve the right to cancel the Purchase Order / Contract, wholly or partly, in order to meet the overall project schedule and make alternative arrangements for completion of delivery and other schedules.
25.	MANUFACTURING QUALITY PLAN (MQP) : Supplier to submit approved MQP in line with requirement of BHEL/customer.
26.	SUPPLIER PERFORMANCE MONITORING AND RATING SYSTEM : BHEL reserve the right for evaluation of Supplier Performance Rating as per Supplier Performance Monitoring and Rating System of BHEL for necessary action. Details are available at BHEL Website www.bhel.com for reference.
27.	DEALING WITH BANNED SUPPLIERS / CONTRACTORS IN BHEL : Offers of the bidders, who are on the banned list, as also the offers of the bidders who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL website www.bhel.com for reference.
28.	ORDER OF PRECEDENCE : The order of precedence shall be as follows :- - Special Terms & Conditions (STC) for Tender Enquiry / Contract, if any - General Terms & Conditions (GTC) for Tender Enquiry / Contract & Additional General Terms & Conditions (GTC) for Tender Enquiry / Contract for Erection Testing & Commissioning (ETC) at Site, if applicable Provisions in (a) above shall prevail over (b). In case of conflict, between Technical Specifications and STC / GTC, bidder to seek necessary clarifications from BHEL concerned official as specified in NIT.
29.	PACKING : Packing shall be in conformity with specifications and shall be such as to ensure prevention of damages, corrosion, deterioration, shortages, pilferage and loss in transit or storage. In case of shipment by sea or air, the packing shall be sea-worthy or air-worthy respectively and of international standards. Different types of spares i.e. start-up / commissioning spares and initial spares (mandatory spares and recommended O&M spares) are to be packed separately. Packing List shall be submitted as per standard format along with advance set of documents for claiming payment which shall also indicate :- - Case / Packing size (as applicable). - Gross weight and net weight of each package. - Detailed contents of the package with quantity of each item separately. Project, Item / Package Description, BHEL's PO No. with date & Case / Packing Mark should also be clearly mentioned on the Case / Packing and Packing List for identification. Also, Packing List must be duly signed & should include respective Invoice No. & LR No. Note : Foreign suppliers to furnish details to arrange inland transportation by BHEL, if applicable, as follows :- - No. of Packages - Size with Weight (Gross & Net) of each Package - No. of Containers with type & size required for inland transportation

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	iv) Type of Cargo (Break Bulk / LCL / FCL) v) Customs Tariff No.
30.	COLOUR CODING : Aluminium stickers are required to be attached to large components but plastic sheet tags should be tied with small components, giving details like purchase order, description of the component, quantity etc. Tags should be of the colour as follows :- a) Main equipment : Yellow or White tag b) Start-up / Commissioning spares : Blue tag c) Mandatory spares : Pink or Red tag d) Recommended / O&M spares : Green tag
31.	MICRO, SMALL & MEDIUM ENTERPRISES (MSME) : MSMED Act 2006 as amended from time to time & extant regulations of Govt. of India for MSME will be applicable. Micro & Small Enterprises (MSE) can avail the intended benefits only if they submit along with the offer / bid, attested copies of either Acknowledgement of Entrepreneur Memorandum Part-II (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 a CA certificate (As per BHEL format where deemed validity of EM-II certificate of five years have expired) applicable for the relevant financial year (latest audited). Date to be reckoned for determining the deemed validity will be the date of opening (for Techno-commercial Bid : Part-I 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 arrested (in original) by a Gazetted officer. Copy of Udyog Aadhaar Memorandum with Acknowledgement of Ministry of Micro, Small & Medium Enterprises should also be furnished.
32.	BUSINESS ETHICS / SUSPENSION OF BUSINESS DEALINGS WITH SUPPLIERS / CONTRACTORS : If any bidder / supplier / contractor during pre-tendering / tendering / post tendering / award / execution / post-execution, indulges in malpractices cheating, bribery, fraud or other misconduct or formation of cartel so as to influence the bidding process or influences the price or fails to perform or is in default without any reasonable cause etc or performs any act considered objectionable as per extant guidelines, action may be taken against such bidders/supplier/contractor as per extant "Guidelines for Suspension of Business Dealings with Suppliers/Contractors" Abridged version of same is available at BHEL website (www.bhel.com) on "Supplier Registration" Page.
33.	REVERSE AUCTION : BHEL reserve the right to go for Reverse Auction (RA) instead of opening the sealed envelope price bid, submitted by the bidder or price bid submitted by the bidder through e-procurement system. This will be decided after techno-commercial evaluation. All bidders to give their acceptance 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. In case BHEL decides to go for Reverse Auction, only those bidders who have given their unconditional acceptance to participate in RA will be allowed to participate in the Reverse Auction. Those bidders who have given their acceptance to participate in Reverse Auction will have to necessarily submit "online sealed bid" in the Reverse Auction. Non-submission of "online sealed bid" by the bidder will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue. General Terms and Conditions of RA are available at Annexure. Business Rules for

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	RA shall be sent to the bidders before conducting RA. Abridged Version of ‘Common Guidelines for Conducting Reverse Auction’ may also be seen at BHEL website (www.bhel.com) on ‘Supplier Registration’ Page & ‘Tender Notifications’ Page.
34.	INTEGRITY PACT : Bidders shall have to enter into Integrity Pact with BHEL, duly signed with seal in original, if specified in NIT / RFQ failing which bidder's offer shall be liable for rejection.
35.	TERMINATION OF CONTRACT : BHEL shall have the right to cancel the Purchase Order / Contract without any financial implication to BHEL if vendor approval by end user / customer is withdrawn or in case of Suspension of Business Dealings with the Suppliers / Contractors by BHEL. BHEL shall have the right to cancel Purchase Order / Contract, wholly or in part, in case they are obliged to do so on account of any decline, diminution, curtailment or stoppage of their business and in that event, the Supplier's / Contractor's compensation claim shall be settled mutually. In case of cancellation of Purchase Order / Contract for main supply, all other associated Purchase Orders / Contracts like those for Mandatory Spares / Recommended Spares / Erection, Testing & Commissioning (ETC) / Supervision of ETC, if any, would also get cancelled.
36.	SHELF LIFE : Supplier has to inform the list of the items / sub-items which have limited shelf life like consumables or those required for the first fill and shall indicate the corresponding shelf life period in the offer. Such items / sub-items shall be manufactured / despatched only after getting formal clearance from BHEL.
37.	LIMITATION OF LIABILITY : Notwithstanding any other provisions, except in cases of wilful misconduct and / or criminal negligence / acts, a) Neither the Supplier / Contractor nor BHEL shall be liable to the other, whether in Purchase Order / Contract, tort, or otherwise, for any consequential loss or damage, loss of use, loss of production or loss of profits or interest costs, provided however that this exclusion shall not apply to any obligation of the Supplier / Contractor to pay Liquidated Damages to the BHEL and b) Notwithstanding any other provisions incorporated elsewhere in the contract, the aggregate liability of the Contractor in respect of this contract, whether under the Contract, in tort or otherwise, shall not exceed total Contract Price, provided however that this limitation shall not apply to any obligation of the Vendor to indemnify BHEL with respect to Patent Infringement or Intellectual Property Rights.
38.	SHORTAGES / DAMAGES : a) Against Supply only or Supply where Supervision of Erection, Testing & Commissioning (ETC) at Site or Supply where Testing & Commissioning at Site is in scope of the supplier : Any shortages and / or damages in supplies shall be supplied / replenished free of cost by the supplier as early as possible but not later than 30 days from the date of intimation by BHEL to the supplier. b) Against Supply where Erection, Testing & Commissioning (ETC) at Site is in scope of the supplier :

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	Any shortages and / or damages in supplies and during handling / storage, erection, testing and commissioning at site shall be supplied / replenished free of cost by the Supplier / Contractor, as early as possible, to meet the contractual completion time / schedule. Note: There shall not be any extension in the contractual delivery time / schedule due to any shortages and / or damages in supplies.
39.	VARIATION OF CONTRACT VALUE / QUANTITY VARIATION : BHEL shall have the right to variation in quantities of items within $\pm 30\%$ of the total Purchase Order / Contract value at the time of placement of PO or award of Contract on overall basis for all amendments together within two years from the date of original Purchase Order / Contract or completion of execution of the Purchase Order / Contract whichever is earlier but quantities of individual items may vary to any extent or may get deleted unless otherwise specified in the technical specifications. No compensation is payable due to variation in the quantities and the Supplier / Contractor shall be bound to accept the same the contracted prices / rates without any escalation. However, if the Purchase Order / Contract is on <u>Lumpsum</u> basis, no variation of Purchase Order / Contract value shall be admissible to the Supplier / Contractor within the scope of Purchase Order / Contract, as long as the inputs remain unchanged.
40.	STATUTORY VARIATION : GST rates prevailing at the time of dispatch of goods / completion of services shall be payable by BHEL. All other taxes, duties, charges, royalty, cess, other levies shall be deemed to be included in the Ex Works Prices / Charges quoted by bidders and no variations shall be payable in respect thereof. No other variations such as on customs duty, exchange rate, minimum wages, prices of controlled commodities, any other input etc. shall be payable by the BHEL. Notwithstanding anything above, where the actual completion of the supply / services occurs beyond the period stipulated in the Purchase Order / Contract or any extension thereof, variations referred to above, will be limited to the rates prevailing on the dates of such agreed completion periods only. For variations after the agreed completion periods, the Supplier / Contractor alone shall bear the impact for the upward revisions and for downward revisions BHEL shall be given the benefit of reduction in applicable taxes /GST. This will be without prejudice to the levy of liquidated damages for delay in delivery / completion. If new tax is introduced by Central/ State Govt / Municipality becomes directly applicable on items specified in Bill of Quantities/Purchase Order/Contract, full reimbursements shall be made provided it becomes applicable on items specified in Bill of Quantities. However, any additional tax implication due to delay in delivery, beyond the Contractual Delivery, attributable to supplier shall be borne by supplier.
41.	MODE OF PAYMENT : Payment shall be made directly to the Supplier / Contractor by BHEL through NEFT / RTGS.
42.	CONFIDENTIALITY : Supplier / Contractor shall, at all times, undertake to maintain complete confidentiality of all data, information, software, drawings & documents etc. belonging to BHEL and also of systems, procedures, reports, input documents, manuals, results and any other BHEL documents discussed and / or finalized during the course of execution of Purchase Order / Contract.
43.	INDEMNIFICATION : The Supplier / Contractor shall indemnify and keep indemnified and hold harmless BHEL and its employees and officers from and against any and all claims, suits, actions or administrative proceedings, demands, losses, damages, costs and

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	expenses and any other claim of whatsoever nature in respect of the death or injury of any person or loss of or damage to any property arising during the course and out of the execution of the Purchase Order / Contract.
44.	TITLE OF GOODS : a) Ownership of the equipment / material procured in India, shall be transferred to BHEL upon loading on to the mode of transport to be used for transportation of the said equipment / material from the works to the site / destination and upon endorsement of the dispatch documents in favour of BHEL. b) Ownership of the equipment / material to be imported into the country where the site is located, if not procured in India, shall be transferred to BHEL upon loading on the mode of transport to be used for transportation of the equipment / material from the country of origin to that country / destination and upon endorsement of despatch document in favour of BHEL. c) Notwithstanding the transfer of ownership of the equipment / material, the responsibility for care and safe custody thereof together with the risk of loss or damage thereto for whatsoever reason shall remain with the Supplier.
45.	COMPLIANCE OF STATUTORY REQUIREMENTS : The vendor shall comply with all State and Central Laws / Acts, Statutory Rules, Regulations etc., as may be enacted by the Government during the tenure of the Purchase Order / Contract and having in force and applicable to the Purchase Order / Contract and nothing shall be done by the Supplier / Contractor in contravention of any Law / Act and / or Rules / Regulations, thereunder or any amendment thereof. The Supplier / Contractor shall pay all taxes, fees, licence charges / deposits, duties, tolls, royalty, commissions or other charges which may be levied on account of any of his operations connected with the Purchase Order / Contract. In case BHEL is constrained to make any of such payments, BHEL shall recover the same from the Supplier / Contractor either from moneys due to him or otherwise as deemed fit.
46.	ACCEPTANCE OF ORDER : Supplier should acknowledge and accept the Letter of Award / Purchase Order issued by BHEL within 7 days of the issue of Letter of Award / Purchase Order. In case of any discrepancy / typographical error in issue of Purchase Order / Contract, the agreed terms & conditions, scope of work, rates / prices for placement of PO / award of contract shall be applicable and BHEL reserves the right to issue amendment(s) to PO / Contract for correction of discrepancies / typographical errors in the PO / Contract at a later date.
47.	FRAUD PREVENTION POLICY : 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 their notice.

Signature of Bidder (Authorized Signatory) with Date & Seal

Annexure to GTC (BHEL/TBG/GTC/2016 REV01)
Tender Enquiry No. 20Q2000194– dtd 17.09.2019
Illumination system – WANAKBORI

Mentioned clauses of General Terms and Conditions are to be read as follows:

Project Status: Domestic project

Taxes and duties: Shall be payable extra to vendor as applicable.

Applicable Terms of Payment: As per clause 3.1 of BHEL/TBG/GTC/2016

Notes:

1. Proposed delivery plan - Vendor to ensure supply of complete material to the site within 17 weeks from the date of placement of PO. (Activity schedule enclosed in the NIT)
2. PBG Clause – Not Applicable
3. For any technical clarification, please contact Mr. Puneet Chawla (TBEM); Contact No. 0120-6748499; e-mail: puneet.chawla@bhel.in
4. For any commercial clarification, please contact Ms. Shipra Gupta (TBMM); Contact No.0120-6748509; e-mail: shipra@bhel.in
5. **Delivery Requirement: IMMEDIATE.**
6. Offers to be submitted through e-procurement system ONLY as per instructions given in the e-procurement portal (<https://bhel.abcpocure.com/EPROC/>).
7. **LIQUIDATED DAMAGES FOR DELAYED DELIVERY:** In case of delay in execution of Purchase Order beyond the contractual delivery time, an amount of 0.5% of the total Purchase Order value for supply (Excluding taxes and duties, freight & insurance as applicable) per week of delay or part thereof subject to a maximum of 10% of the total Purchase Order value for supply (Excluding taxes and duties, freight & insurance as applicable) shall be deducted as Liquidated Damages (LD).
8. **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 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.

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

<http://dipp.nic.in/sites/default/files/publicProcurement MakeinIndia 15June2017.pdf>
<http://dipp.nic.in/sites/default/files/Revised-PPP-MII-Order-2017 28052018.pdf>

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

All remaining terms which are not mentioned here shall remain unchanged.

**ACTIVITY SCHEDULE**

(SEPARATE ACTIVITY SCHEDULE TO BE FILLED-UP FOR EACH PROJECT BY THE SUPPLIER)

Name of Bidder:-

Please fill here

Sl. NO.	ACTIVITY	ACTIVITY TIME IN WEEKS	REMARKS IF ANY
1	Submission of Documents necessary for getting manufacturing clearance like Drawings, Date sheet etc.		Not Applicable
2	Approval of documents/ Manufacturing Clearance from BHEL / Customer *		Not Applicable
3	Manufacturing time	12	Vendor to ensure
4	Inspection call	1	Vendor to ensure
5	Customer Inspection & Dispatch Clearance	2	BHEL Time to issue MICC
6	Dispatch	2	2 weeks after issuance of MICC

Note: 1) * Supplier must ensure the completeness and correctness of the requisite documents before submission for approval. Delay in approval on account of incomplete/inadequate information shall be the responsibility of supplier.

2) Inspection call should be given in the prescribed format only. Inspection calls not in the prescribed format shall not be entertained.

3) Qty. to be offered for Inspection should be in accordance within Delivery- schedule - lot BHEL reserves the right not to entertain multiple inspection calls for a Delivery- lot and delay on this account shall be the responsibility of Supplier.

No. P-45021/2/2017-PP (BE-II)
Government of India
Ministry of Commerce and Industry
Department for Promotion of Industry and Internal Trade
(Public Procurement Section)

Udyog Bhawan, New Delhi
Dated: 29th May, 2019

To

All Central Ministries/Departments/CPSUs/All concerned

ORDER

Subject: Public Procurement (Preference to Make in India), Order 2017 – Revision; regarding.

Department for Promotion of Industry and Internal Trade, in partial modification [Paras 3(a) and 14 modified and Para 10A added] of Order No.P-45021/2/2017-B.E.-II dated 15.6.2017 as amended by Order No.P-45021/2/2017-B.E.-II dated 28.05.2018, hereby issues the revised 'Public Procurement (Preference to Make in India), Order 2017' with immediate effect:-

Whereas it is the policy of the Government of India to encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, and

Whereas procurement by the Government is substantial in amount and can contribute towards this policy objective, and

Whereas local content can be increased through partnerships, cooperation with local companies, establishing production units in India or Joint Ventures (JV) with Indian suppliers, increasing the participation of local employees in services and training them,

Now therefore the following Order is issued :

1. This Order is issued pursuant to Rule 153 (iii) of the General Financial Rules 2017.
2. **Definitions:** For the purposes of this Order:

'Local content' means the amount of value added in India which shall, unless otherwise prescribed by the Nodal Ministry, be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

'Local supplier' means a supplier or service provider whose product or service offered for procurement meets the minimum local content as prescribed under this Order or by the competent Ministries / Departments in pursuance of this order.

'L1' means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

'margin of purchase preference' means the maximum extent to which the price quoted by a local supplier may be above the L1 for the purpose of purchase preference.

'Nodal Ministry' means the Ministry or Department identified pursuant to this order in respect of a particular item of goods or services or works.

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'*Procuring entity*' means a Ministry or department or attached or subordinate office of, or autonomous body controlled by, the Government of India and includes Government companies as defined in the Companies Act.

'*Works*' means all works as per Rule 130 of GFR- 2017, and will also include '*turnkey works*'.

- 3. Requirement of Purchase Preference :** Subject to the provisions of this Order and to any specific instructions issued by the Nodal Ministry or in pursuance of this Order, purchase preference shall be given to local suppliers in all procurements undertaken by procuring entities in the manner specified hereunder

- a. In procurement of all goods, services or works in respect of which the estimated value of procurement is less than INR 50 Lakhs, only local suppliers shall be eligible to bid. However, in procurement of all goods, services or works, in respect of which the Nodal Ministry / Department has communicated that there is sufficient local capacity and local competition, only local suppliers shall be eligible to bid irrespective of purchase value.

Provided that for any particular item, the Nodal Ministry / Department may also prescribe an upper threshold limit, below which procurement shall be made only from local suppliers.

Further provided that in any particular case of procurement, if the procuring authority is of the view that the goods, services or works of required quality / specifications etc. may not be available in the country, or sufficient capacity or competition does not exist domestically, and it is necessary to undertake global competitive bidding, the procuring authority may allow the same after recording reasons. In such cases, the provisions of sub-paragraph b or c, as the case may be, shall apply;

- b. In the procurements of goods or works which are not covered by paragraph 3a and which are divisible in nature, the following procedure shall be followed;
- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract for full quantity will be awarded to L1.
 - ii. If L1 bid is not from a local supplier, 50% of the order quantity shall be awarded to L1. Thereafter, the lowest bidder among the local suppliers, will be invited to match the L1 price for the remaining 50% quantity subject to the local supplier's quoted price falling within the margin of purchase preference, and contract for that quantity shall be awarded to such local supplier subject to matching the L1 price. In case such lowest eligible local supplier fails to match the L1 price or accepts less than the offered quantity, the next higher local supplier within the margin of purchase preference shall be invited to match the L1 price for remaining quantity and so on, and contract shall be awarded accordingly. In case some quantity is still left uncovered on local suppliers, then such balance quantity may also be ordered on the L1 bidder.
- c. In procurements of goods or works not covered by sub-paragraph 3a and which are not divisible, and in procurement of services where the bid is evaluated on price alone, the following procedure shall be followed:-
- i. Among all qualified bids, the lowest bid will be termed as L1. If L1 is from a local supplier, the contract will be awarded to L1.

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- ii. If L1 is not from a local supplier, the lowest bidder among the local suppliers, will be invited to match the L1 price subject to local supplier's quoted price falling within the margin of purchase preference, and the contract shall be awarded to such local supplier subject to matching the L1 price.
 - iii. In case such lowest eligible local supplier fails to match the L1 price, the local supplier with the next higher bid within the margin of purchase preference shall be invited to match the L1 price and so on and contract shall be awarded accordingly. In case none of the local suppliers within the margin of purchase preference matches the L1 price, then the contract may be awarded to the L1 bidder.
4. **Exemption of small purchases:** Notwithstanding anything contained in paragraph 3, procurements where the estimated value to be procured is less than Rs. 5 lakhs shall be exempt from this Order. However, it shall be ensured by procuring entities that procurement is not split for the purpose of avoiding the provisions of this Order.
5. **Minimum local content:** The minimum local content shall ordinarily be 50%. The Nodal Ministry may prescribe a higher or lower percentage in respect of any particular item and may also prescribe the manner of calculation of local content.
6. **Margin of Purchase Preference:** The margin of purchase preference shall be 20%.
7. **Requirement for specification in advance:** The minimum local content, the margin of purchase preference and the procedure for preference to Make in India shall be specified in the notice inviting tenders or other form of procurement solicitation and shall not be varied during a particular procurement transaction.
8. **Government E-marketplace:** In respect of procurement through the Government E-marketplace (GeM) shall, as far as possible, specifically mark the items which meet the minimum local content while registering the item for display, and shall, wherever feasible, make provision for automated comparison with purchase preference and without purchase preference and for obtaining consent of the local supplier in those cases where purchase preference is to be exercised.
9. **Verification of local content:**
- a. The local supplier at the time of tender, bidding or solicitation shall be required to provide self-certification that the item offered meets the minimum local content and shall give details of the location(s) at which the local value addition is made.
 - b. In cases of procurement for a value in excess of Rs. 10 crores, the local supplier shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.
 - c. Decisions on complaints relating to implementation of this Order shall be taken by the competent authority which is empowered to look into procurement-related complaints relating to the procuring entity.
 - d. Nodal Ministries may constitute committees with internal and external experts for independent verification of self-declarations and auditor's/ accountant's certificates on random basis and in the case of complaints.

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- e. Nodal Ministries and procuring entities may prescribe fees for such complaints.
- f. 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.
- g. A supplier who has been debarred by any procuring entity for violation of this Order shall not be eligible for preference under this Order for procurement by any other procuring entity for the duration of the debarment. The debarment for such other procuring entities shall take effect prospectively from the date on which it comes to the notice of other procurement entities, in the manner prescribed under paragraph 9h below.
- h. The Department of Expenditure shall issue suitable instructions for the effective and smooth operation of this process, so that:
 - i. The fact and duration of debarment for violation of this Order by any procuring entity are promptly brought to the notice of the Member-Convenor of the Standing Committee and the Department of Expenditure through the concerned Ministry /Department or in some other manner;
 - ii. on a periodical basis such cases are consolidated and a centralized list or decentralized lists of such suppliers with the period of debarment is maintained and displayed on website(s);
 - iii. in respect of procuring entities other than the one which has carried out the debarment, the debarment takes effect prospectively from the date of uploading on the website(s) in the such a manner that ongoing procurements are not disrupted.

10. Specifications in Tenders and other procurement solicitations:

- a. Every procuring entity shall ensure that the eligibility conditions in respect of previous experience fixed in any tender or solicitation do not require proof of supply in other countries or proof of exports.
- b. Procuring entities shall endeavour to see that eligibility conditions, including on matters like turnover, production capability and financial strength do not result in unreasonable exclusion of local suppliers who would otherwise be eligible, beyond what is essential for ensuring quality or creditworthiness of the supplier.
- c. Procuring entities shall, within 2 months of the issue of this Order review all existing eligibility norms and conditions with reference to sub-paragraphs 'a' and 'b' above.
- d. If a Nodal Ministry is satisfied that Indian suppliers of an item are not allowed to participate and/ or compete in procurement by any foreign government, it may, if it deems appropriate, restrict or exclude bidders from that country from eligibility for procurement of that item and/ or other items relating to that Nodal Ministry. A copy of every instruction or decision taken in this regard shall be sent to the Chairman of the Standing Committee.

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- e. For the purpose of sub-paragraph 10 d above, a supplier or bidder shall be considered to be from a country if (i) the entity is incorporated in that country, or ii) a majority of its shareholding or effective control of the entity is exercised from that country; or (iii) more than 50% of the value of the item being supplied has been added in that country. Indian suppliers shall mean those entities which meet any of these tests with respect to India.”

- 10A. Action for non-compliance of the Provisions of the Order:** In case restrictive or discriminatory conditions against domestic suppliers are included in bid documents, an inquiry shall be conducted by the Administrative Department undertaking the procurement (including procurement by any entity under its administrative control) to fix responsibility for the same. Thereafter, appropriate action, administrative or otherwise, shall be taken against erring officials of procurement entities under relevant provisions. Intimation on all such actions shall be sent to the Standing Committee.
- 11. Assessment of supply base by Nodal Ministries:** The Nodal Ministry shall keep in view the domestic manufacturing / supply base and assess the available capacity and the extent of local competition while identifying items and prescribing minimum local content or the manner of its calculation, with a view to avoiding cost increase from the operation of this Order.
- 12. Increase in minimum local content:** The Nodal Ministry may annually review the local content requirements with a view to increasing them, subject to availability of sufficient local competition with adequate quality.
- 13. Manufacture under license/ technology collaboration agreements with phased indigenization:** While notifying the minimum local content, Nodal Ministries may make special provisions for exempting suppliers from meeting the stipulated local content if the product is being manufactured in India under a license from a foreign manufacturer who holds intellectual property rights and where there is a technology collaboration agreement / transfer of technology agreement for indigenous manufacture of a product developed abroad with clear phasing of increase in local content.
- 14. Powers to grant exemption and to reduce minimum local content:** The administrative Department undertaking the procurement (including procurement by any entity under its administrative control), with the approval of their Minister-in-charge, may by written order, for reasons to be recorded in writing,
- a. reduce the minimum local content below the prescribed level; or
 - b. reduce the margin of purchase preference below 20%; or
 - c. exempt any particular item or supplying entities or class or classes of items or procuring or supplying entities from the operation of this Order or any part of the Order.

A copy of every such order shall be provided to the Standing Committee and concerned Nodal Ministry / Department. The Nodal Ministry / Department concerned will continue to have the power to vary its notification on Minimum Local Content.

- 15. Directions to Government companies:** In respect of Government companies and other procuring entities not governed by the General Financial Rules, the administrative Ministry or Department shall issue policy directions requiring compliance with this Order.

16. **Standing Committee:** A standing committee is hereby constituted with the following membership:

Secretary, Department for Promotion of Industry and Internal Trade—Chairman
Secretary, Commerce—Member
Secretary, Ministry of Electronics and Information Technology—Member
Joint Secretary (Public Procurement), Department of Expenditure—Member
Joint Secretary (DPIIT)—Member-Convenor

The Secretary of the Department concerned with a particular item shall be a member in respect of issues relating to such item. The Chairman of the Committee may co-opt technical experts as relevant to any issue or class of issues under its consideration.

17. **Functions of the Standing Committee:** The Standing Committee shall meet as often as necessary, but not less than once in six months. The Committee

- a. shall oversee the implementation of this order and issues arising therefrom, and make recommendations to Nodal Ministries and procuring entities.
- b. shall annually assess and periodically monitor compliance with this Order
- c. shall identify Nodal Ministries and the allocation of items among them for issue of notifications on minimum local content
- d. may require furnishing of details or returns regarding compliance with this Order and related matters
- e. may, during the annual review or otherwise, assess issues, if any, where it is felt that the manner of implementation of the order results in any restrictive practices, cartelization or increase in public expenditure and suggest remedial measures
- f. may examine cases covered by paragraph 13 above relating to manufacture under license/ technology transfer agreements with a view to satisfying itself that adequate mechanisms exist for enforcement of such agreements and for attaining the underlying objective of progressive indigenization
- g. may consider any other issue relating to this Order which may arise.

18. **Removal of difficulties:** Ministries /Departments and the Boards of Directors of Government companies may issue such clarifications and instructions as may be necessary for the removal of any difficulties arising in the implementation of this Order.

19. **Ministries having existing policies:** Where any Ministry or Department has its own policy for preference to local content approved by the Cabinet after 1st January 2015, such policies will prevail over the provisions of this Order. All other existing orders on preference to local content shall be reviewed by the Nodal Ministries and revised as needed to conform to this Order, within two months of the issue of this Order.

20. **Transitional provision:** This Order shall not apply to any tender or procurement for which notice inviting tender or other form of procurement solicitation has been issued before the issue of this Order.



(Arun Mahendru Baraj)
Senior Development Officer
Tel: 2306 2635

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**No. 11/05/2018-Coord
Government of India
Ministry of Power**

**Shram Shakti Bhawan, New Delhi
Dated: 27.12.2018**

ORDER

Subject: Public Procurement (Preference to Make in India) to provide for Purchase Preference (linked with local content) in respect of Thermal Power Sector.

Reference: Department of Industrial Policy and Promotion (DIPP) Notification No. P-45021/2/2017-PP (BE-II) dated 28.05.2018

- 1.0** The Government of India has issued Public Procurement (Preference to Make in India) Order 2017 vide Department of Industrial Policy and Promotions (DIPP) Notification quoted above to encourage "Make in India" and to promote manufacturing and production of goods and services in India with a view to enhancing income and employment.
- 2.0** In furtherance of the Public Procurement (Preference to Make in India) Order 2017 notified vide reference cited above, and in supersession of any existing policy on the subject, Ministry of Power hereby notifies that preference shall be given by all public procuring entities to domestically manufactured products used in the Thermal Sector as per the aforesaid order of DIPP quoted above.
- 3.0** In pursuance of the aforesaid order of Department of Industrial Policy & Promotion (DIPP), the following products associated with the Thermal sector are hereby notified under the Public Procurement (Preference to Make in India) Order 2017 for procuring local:

A. Coal/lignite based thermal power projects:

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
1	Boiler System & its Auxiliaries		
i)	Boiler pressure parts (tubes/ pipes/ headers/ separator shell etc.), membrane wall, fittings/ forged tees etc.	40%	50%
ii)	Safety valves / critical valves	0%	0%
iii)	Boiler recirculation pumps	0%	0%
iv)	Air pre-heaters (RAPH & SCAPH)	95%	95%
	Air pre-heaters (RAPH & SCAPH) - having CE enamelled element	65%	75%
v)	Steam soot blowers (wall blowers & LRSB)	100%	100%

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
vi)	Auxiliary Steam PRDS	100%	100%
vii)	Burners (Coal/ Oil Burners)	100%	100%
viii)	Coal Mills & coal feeders	85%	90%
ix)	Mill reject system	100%	100%
x)	Fuel oil system	100%	100%
xi)	PA /FD/ ID/ Seal air Fan	40%	60%
xii)	Gas / air duct dampers	70%	75%
xiii)	Gas/ air duct expansion joints	100%	100%
Overall Boiler Package (on finished Product basis):		70%	75%
2	Electro- static precipitators (ESPs)		
i)	Casings	100%	100%
ii)	Electrodes	100%	100%
iii)	Rapping system	100%	100%
iv)	Hopper heaters	100%	100%
v)	Transformer rectifiers	100%	100%
vi)	Insulators	100%	100%
Overall ESP Package (on finished Product basis)		100%	100%
3	Turbine-Generator (TG) System & its Auxiliaries		
a.	Turbine and & its Auxiliaries		
i)	HP/ IP/ LP turbine casings, rotors, turbine blades, blade rings, diaphragms, sealing rings, bearings, thick plates etc.		
	– Forgings for turbine Shafts	0%	10%
	– Casting for IP Outer casing	0%	10%
	– LP guide/ moving blades	20%	30%
	– Seal ring	0%	0%
	– Stationary blade ring- HPT & IPT	0%	0%
	– Bearings/ Bearing pedestals	50%	60%
	– Plates	75%	85%
	– Bars	20%	30%
	– Anchor rod, Anchor nuts & Torque nut	20%	30%
ii)	Hydraulic turning motor/ Barring gear system	0%	0%
iii)	Turbine steam inlet valves	50%	70%
iv)	Governing system & protection system	0%	0%
v)	Gland sealing system	40%	50%
vi)	Lub oil system & purification system	25%	35%
vii)	Drain system & flash tanks	25%	40%

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
viii)	HP/ LP bypass valves	0%	10%
ix)	Condensate extraction pumps	100%	100%
x)	Condenser tubes	20%	30%
xi)	Condenser tubes (sea water application)	0%	10%
xii)	Condenser Support Arrangement/ springs	20%	30%
xiii)	Ti Cladded Plate for condenser (Applicable for sea water only)	0%	10%
xiv)	Vaccum Pumps	0%	10%
xv)	Condenser On line Tube Cleaning System (COLTC)	100%	100%
xvi)	Debris filters, CW butterfly valves & RE joints etc.	100%	100%
xvii)	Heaters (HP heaters, deaerator, LP heaters & drain coolers)	80%	90%
xviii)	Boiler Feed Pumps (BFPs) & accessories	40%	50%
xix)	BFP Drive turbines	40%	50%
xx)	BFP Hydraulic coupling	30%	50%
xxi)	Condensate polishing units (CPUs)	80%	90%
xxiii)	ECW system (Primary & secondary cooling water pumps, PHEs, self-cleaning filters etc.)	30%	40%
xxiii)	Air cooled condenser	40%	60%
b.	Generator System & its Auxiliaries		
i)	Thick Plates for Stator Casing	80%	90%
ii)	Forgings for Generator Rotor	0%	10%
iii)	Copper Profiles for stator bars		
	– Solid & Hollow Copper Profile	40%	50%
	– Hollow SS Profile	20%	30%
iv)	Stampings for Stator Core		
	– CRNGO Grade 270/ 350	25%	30%
	– Magnetic steel sheet Grade 700	25%	30%
v)	Rotor Hollow Copper Conductor	0%	10%
vi)	Rotor Wedges	0%	10%
vii)	Retaining / Support Rings	0%	10%
viii)	Static excitation system	40%	50%
ix)	Insulating Tapes		
	– Mica Paper Glass Tape	0%	20%
	– Epoxy Glass Fabric Tape	20%	40%

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
	– Conductive Polyester Fleece	20%	40%
x)	Seal oil system		
	– Vacuum Pump	0%	10%
	– Temperature control valve	0%	10%
	– Differential pressure gauge	0%	10%
xi)	– Filters for Stator cooling system	0%	10%
xii)	Gas system	0%	20%
Overall TG system (on finished product basis)		60%	65%
4	Electrical Works		
i)	Power & Auxiliary service transformers	65%	75%
ii)	HT & LT bus ducts	100%	100%
iii)	HT & LT motors	100%	100%
iv)	HT & LT switchgears	100%	100%
v)	Power & control cables	100%	100%
vi)	Control and metering equipment	90%	95%
vii)	Protective relays	90%	95%
viii)	Switch yard equipment - Insulators, Circuit Breakers, Isolators, Conductors, CTs, PTs, Bushings, PLCC etc.	90%	95%
ix)	Earthing & lightning protection system	100%	100%
x)	DC batteries & battery charger system	70%	90%
xi)	Electrical laboratory & testing equipment	70%	80%
xii)	Emergency DG sets	100%	100%
xiii)	Plant illumination system	100%	100%
xiv)	Generator Circuit Breaker & fittings	0%	0%
Overall Electrical system		70%	80%
5	Control & Instrumentation System (C&I System)		
i)	Distributed digital control, Monitoring and Information System (DDCMIS)	50%	60%
ii)	Thermocouples (for sensing Temperature/ Pressure)	50%	60%
iii)	Measuring instruments	50%	60%
iv)	Burner management system	50%	60%
v)	Furnace TV Camera & Flame Monitoring System	20%	40%
vi)	Actuators	50%	60%
vii)	Automation and Control Cards	50%	60%
viii)	PLC System	50%	60%

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Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
ix)	SWAS system	30%	40%
x)	Inter plant communication system	50%	60%
xi)	Vibration monitoring system	10%	20%
Overall C&I system		40%	50%
6	Coal Handling Plant		
i)	Conveyors, Feeders, Shuttle feeders, conveyor gallery, etc.	100%	100%
ii)	Hydraulic drives, hydraulic motor and split bearing for pulleys	70%	80%
iii)	Wagon Tippler	90%	95%
iv)	Side Arm Charger	90%	95%
v)	Paddle feeder	85%	90%
vi)	Junction and transfer towers	100%	100%
vii)	Crushers & Screens	90%	95%
viii)	Boiler bunker feeding system	100%	100%
ix)	Dust suppression (dry fog & plain water) system	100%	100%
x)	Compressors for DSS	100%	100%
xi)	Magnetic separators & metal detectors	100%	100%
xii)	Coal sampling system	60%	70%
xiii)	Stacking and reclaiming facilities (Stacker cum Reclaimer)	70%	80%
xiv)	Belt weighing & monitoring system.	100%	100%
xv)	Coal Analyser	0%	20%
Overall Coal Handling Plant(CHP)		85%	90%
7	Ash Handling System		
i)	Wet Bottom Ash handling system	100%	100%
	Wet Bottom Ash handling system with scraper chain conveyor	70%	80%
	Dry Bottom Ash handling system	0%	20%
ii)	Ash disposal system for economiser, APH & duct hoppers	100%	100%
iii)	Dry fly ash vacuum extraction system and pressure pneumatic conveying system	80%	100%
iv)	Wet fly ash disposal system for ESP	100%	100%
v)	Ash slurry disposal system - Lean ash slurry system	100%	100%
	Ash slurry disposal system - High concentration slurry system	70%	80%

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
vi)	Ash water system	100%	100%
vii)	Ash pond water recovery system	100%	100%
viii)	Instrument air system comprising of compressors, air dryers & air receivers.	80%	85%
Overall Ash Handling Plant (AHP)		75%	85%
8	Raw water intake & supply system		
i)	Travelling water screens, stop log gates and coarse screens	100%	100%
ii)	Raw water supply pumps and AHS supply pumps	100%	100%
iii)	Piping, valves, RE joints etc.	100%	100%
Overall Raw water intake & supply system		100%	100%
9	Water Treatment System and Effluent Treatment System		
i)	Clarification plant	100%	100%
ii)	Filtration plant	100%	100%
iii)	Ultra-filtration plant	40%	60%
iv)	Reverse osmosis plant	55%	60%
v)	DM plant	80%	90%
vi)	Chlorination plant	100%	100%
vii)	Chemical dosing system	100%	100%
viii)	Effluent Treatment Plant	90%	95%
ix)	DM Water storage tanks & transfer pumps	100%	100%
Overall Water Treatment Plant & ETP etc.		80%	90%
10	CW & ACW System		
i)	CW & ACW Pumps	100%	100%
ii)	Piping, BF valves, NRVs, RE joints & air release valves	100%	100%
Overall CW and ACW system		100%	100%
11	Cooling towers (NDCT/ IDCT)		
i)	Water distribution system, spray nozzles, packing, drift eliminators	100%	100%
ii)	CT Fans (for IDCT)	100%	100%
iii)	Gear boxes & shafts (for IDCT)	100%	100%
Overall Cooling towers (NDCT/ IDCT)		100%	100%
12	Air Conditioning & ventilation system		
i)	Split & window air conditioners	100%	100%
ii)	Chilling/ condensing unit (500 TR & below)	100%	100%

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
	Chilling/ condensing unit (above 500 TR)	65%	80%
iii)	AHU and Fresh air unit	100%	100%
iv)	Cooling towers	100%	100%
v)	AWUs, axial fans, roof extractors	100%	100%
vi)	Ducts, louvers & dampers	100%	100%
Overall Air Conditioning & Ventilation system (upto 500TR capacity)		100%	100%
Overall Air Conditioning & Ventilation system (more than 500 TR capacity)		85%	90%
13	Cranes & Hoisting facilities		
i)	Cranes	100%	100%
ii)	EOT Cranes	100%	100%
iii)	Monorail & Hoists	100%	100%
Overall Cranes & hoisting facilities		100%	100%
14	Fire Protection and Detection System		
i)	Fire water pumps (motor driven & diesel engine driven) including hydrant, spray & jockey pumps.	100%	100%
ii)	Hydrant system for the power plant.	100%	100%
iii)	High velocity water spray system for transformers, oil tanks, boiler burner front etc.	100%	100%
iv)	Medium velocity water spray system for cable galleries, conveyor galleries, fuel oil tanks & pump house etc.	100%	100%
v)	Automatic fire detection, alarm & control system for control rooms, electrical premises & conveyor galleries etc.	100%	100%
vi)	Foam system for LDO/ LSHS tanks and foam/ water monitors for fuel oil storage, ESP & switch yard area.	100%	100%
vii)	Inert gas flooding system for control room, RC Equipment room & panels etc.	100%	100%
viii)	Fire tenders and Portable fire-extinguishers	100%	100%
ix)	Fire Alarm Panels, Detection components including detectors and Modules.	85%	90%
x)	Clean Agent gas Based Systems	90%	95%
xi)	Special Cables such as Mineral Insulated Cables	90%	95%
xii)	Linear Heat Sensing Cables	90%	95%
Overall Fire Protection, detection & Alarm system		90%	95%
15	Flue Gas Desulphurization (FGD)		

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
i)	Spray Nozzles, Spray header etc.	0%	75%
ii)	Limestone Wet Ball Mill	0%	75%
iii)	Vacuum Belt Filter	0%	50%
iv)	Oxidation Blowers	50%	70%
v)	Limestone slurry handling pumps	40%	50%
vi)	Agitator	0%	50%
vii)	Mist Eliminator	0%	50%
viii)	GGH	0%	20%
ix)	C276 Clad plate	0%	20%
x)	Titanium Clad plate	0%	20%
Overall FGD system		30%	45%

B. Gas based thermal power projects:

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
1	Gas turbine generating set and auxiliaries :		
i)	Gas turbine unit		
	< 44MW	80	90
	44 – 145 MW	50	70
	> 150 MW	10	20
ii)	Combustion unit (Standard)		
	< 44MW	90	95
	44 – 145 MW	50	65
	> 150 MW	0	0
iii)	Combustion unit (Dry low nox)		
	< 44MW	30	40
	44 – 145 MW	0	25
	> 150 MW	0	0
iv)	Compressor unit		
	< 44MW	90	90
	44 – 145 MW	30	50
	> 150 MW	0	0

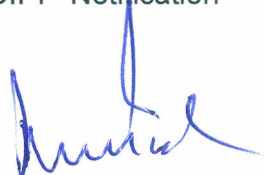
Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
v)	Lubrication and control oil system		
	< 44MW	80	85
	44 – 145 MW	80	85
	> 150 MW	80	80
vi)	Oil purification and cooling system		
	< 44MW	80	80
	44 – 145 MW	80	80
	> 150 MW	80	85
vii)	Turbine governing and protection system		
	< 44MW	0	0
	44 – 145 MW	0	0
	> 150 MW	0	0
viii)	Turning gear system		
	< 44MW	0	0
	44 – 145 MW	0	0
	> 150 MW	0	0
ix)	Compressor cleaning system		
	< 44MW	100	100
	44 – 145 MW	100	100
	> 150 MW	100	100
x)	Inlet air system		
	< 44MW	75	80
	44 – 145 MW	75	80
	> 150 MW	50	60
2.	Exhaust gas system		
	Ducting, Silencers, Bypass stack, Guillotine gates, Diverter damper and Expansion joints		
	< 44MW	100	100
	44 – 145 MW	100	100
	> 150 MW	100	100
3.	Heat Recovery Steam Generator (HRSG)		
i)	Drums	30	35*
ii)	Evaporators & superheaters	85	90**
iii)	Condensate preheater	100	100
iv)	Feed regulating station	100	100
v)	Superheater temperature control system	100	100

Sl. No.	Item	Minimum Local Content (%)	
		Year 2018-19	Over next five years in phased manner
vi)	Blow down tank	100	100
vii)	HP chemical dosing system	100	100
viii)	HRS Stack	100	100
ix)	Supporting steelworks	100	100
x)	Nitrogen preservation system	100	100
xi)	Water washing system	100	100
* Indian vendors are not available for SA299 drum plates & SA516 Gr.70 plates above 120mm thickness.			
** Indian vendors are not available for T91 & T92 tubes.			
Overall Gas Turbine Package (on finished Product basis)			
	< 44MW	75	80
	44 – 145 MW	50	60
	> 150 MW	25	30
Overall CCGT Package (on finished Product basis)			
	< 44MW	80	85
	44 – 145MW	70	75
	> 150 MW	60	65
Notes :			
1. Raw material may be imported			
2. For high efficiency advance class Gas turbines, the first 3-5 Gas turbines shall be imported until technology is established locally.			
3. The minimum local content in %age for steam turbine, its auxiliaries and Balance of Plants (BoPs) pertaining to CCGT projects shall be same as applicable that for coal based plants as given under para (A) above.			

- 4.0** The minimum local content percentage shall be more than 70% in EPC / Turnkey projects and more than 90% in Works and Service contracts.
- 5.0** Purchase preference shall be given to local suppliers in procurements done by departments or attached or subordinate office of, or autonomous body controlled by, the Ministry of Power and includes Government companies as defined in the Companies Act, including procurements in the projects / schemes which are fully or partially funded by the Government of India and/or PFC / REC.
- 6.0** Decision on complaints relating to implementation of this Order shall be taken by a Committee constituted by Ministry of Power as under:

Chairperson	Member (Thermal), CEA
Member	Chief Engineer (Thermal), CEA

- 7.0** The complaint fee of Rs. 2 Lakh or 1% of the value of the local item being procured (subject to maximum of Rs. 5 Lakh), whichever is higher, shall be paid in the form of Demand Draft, drawn in favour of DDO, CEA. In case the complaint is found to be incorrect, the complaint fee shall be forfeited. In case, the complaint is upheld and found to be substantially correct, deposited fee of the complainant would be refunded without any interest.
- 8.0** All other conditions shall be as per those laid down in the DIPP Notification No. P-45021/2/2017-PP (BE-II) dated 28.05.2018.



(Economic Advisor)
Ministry of Power

To:

1. All Ministries/Departments of Government of India (As per list)
2. Cabinet Secretariat
3. Prime Minister's Office
4. NITI Aayog
5. Comptroller and Auditor General of India
6. Secretary, DIPP, Chairman of Standing Committee for implementation of Public Procurement Order, 2017
7. Joint Secretary, DIPP, Member-Convener of Standing Committee for implementation of Public Procurement Order, 2017
8. All JSs/EA/CE, MoP

37. To The Secretary, Department of Public Enterprises Block No.14, CGO Complex, Lodhi Road New Delhi- 110003	38. To The Secretary Department of Official Language NDCC-II Bhawan, 'A' Wing, 3rd Floor, Jai Singh Road, New Delhi - 110001	39. To The Secretary, Department Inter State Council Secretariat/ Department of Border Management Vigyan Bhavan Annexe, Maulana Azad Road, New Delhi-110011
40. To The Secretary, Ministry of Housing & Urban Poverty Alleviation Nirman Bhawan, New Delhi-110011	41. To The Secretary Department of Higher Education C-Wing, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001	42. To The Secretary Department of School Education and Literacy, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001
43. To The Secretary Ministry of Information and Broadcasting, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi	44. To The Secretary Ministry of Labour & Employment Shram Shakti Bhavan, Rafi Marg, New Delhi	45. To The Secretary Department of Justice, Shastri Bhawan, New Delhi
46. To The Secretary Department of Legal Affairs, Shastri Bhawan, New Delhi-110001	47. To The Secretary Legislative Department Shastri Bhawan, New Delhi-110001	48. To The Secretary Ministry of Micro, Small & Medium Enterprises Udyog Bhawan, New Delhi-110011
49. To The Secretary Department of Chemicals and Fertilizers, Ministry of Chemicals and Fertilizers, Shastri Bhawan, New Delhi-110001	50. To The Secretary Ministry of Minority Affairs 11 th Floor, Paryavaran Bhavan CGO Complex, New Delhi-110003	51. To The Secretary, Ministry of New & Renewable Energy Block-14, CGO Complex, New Delhi-110021
52. To The Secretary, Ministry of Overseas Indian Affairs, Akbar Bhawan, Chanakapuri, New Delhi-110021	53. To The Secretary, Ministry of Panchayati Raj Krishi Bhawan, New Delhi-110001	54. To The Secretary, Ministry of Parliamentary Affairs, Room No. 8, Parliament House, Sansad Marg, New Delhi-110001
55. To The Secretary, Department of Personnel & Training, North Block, New Delhi-110001	56. To The Secretary, Department of AR&PG/ Department of Pension & Pensioners, 5 th Floor, Sardar Patel Bhavan, Sansad Marg, New Delhi-110001	57. To The Secretary, Ministry of Petroleum and Natural Gas Shastri Bhawan, New Delhi-110001
58. To The Secretary, Ministry of Mines, Shastri Bhawan, New Delhi.	59. To The Secretary Ministry of Road Transport & Highways Transport Bhavan, New Delhi-110001	60. To The Secretary Department of Rural Development Krishi Bhawan, New Delhi-110001
61. To The Secretary, Ministry of Biotechnology/Department of Scientific and Industrial Research, Block 2, CGO Complex, Lodhi Road, New Delhi-110003	62. To The Secretary Department of Science and Technology, Technology Bhavan, New Mehrauli Road, New Delhi-110016	63. To The Secretary, Ministry of Shipping Transport Bhavan, Sansad Marg, New Delhi- 110001
64. To The Secretary M/o Skill Development & Enterprises 2 nd Floor, Shivaji Stadium Annexe, Shaheed Bhagat Singh Marg, Near Connaught Place, New Delhi-110001	65. To The Secretary, Department of Empowerment of Persons with Disabilities, 5th Floor, Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi - 110003	66. To The Secretary Department of Social Justice & Empowerment Shastri Bhawan New Delhi-110001
67. To The Secretary Department of Space 3 rd Floor, Lok Nayak Bhawan, New Delhi-110003	68. To The Secretary, Ministry of Statistics & Programme Implementation, Sardar Patel Bhavan, Sansad Marg, New Delhi-110001	69. To The Secretary Ministry of Steel, Udyog Bhawan New Delhi-110011
70. To The Secretary, Transport Bhawan New Delhi-110001	71. To The Secretary, Ministry of Tribal Affairs, Shastri Bhawan, New Delhi-110001	72. To The Secretary, Ministry of Urban Development Nirman Bhawan, New Delhi-110011
73. To The Secretary Ministry of Water Resources, River Development & Ganga Rejuvenation, Shram Shakti Bhavan, New Delhi-110001	74. To The Secretary, Ministry of Women & Child Development, Shastri Bhawan, New Delhi-110001	75. To The Secretary, Department of Sports Shastri Bhawan, New Delhi-110001
76. To The Secretary, Department of Youth Affairs, Shastri Bhawan, New Delhi-110001	77. To The Secretary, Ministry of Home Affairs, North Block, New Delhi-110001	78. To The Secretary, Department of Land Resources, Krishi Bhawan, New Delhi-110001

1. To The Secretary, Department of Agriculture and Cooperation, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi-110001	2. To The Secretary, Department of Agricultural Research and Education, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi-110001	3. To The Secretary, Department of Animal Husbandry, Dairying and Fisheries, Krishi Bhavan, Dr. Rajendra Prasad Road, New Delhi-110001
4. To, The Secretary, D/o Atomic Energy Anushakti Bhavan, Chatrapathi Shivaji Maharaj Marg, Mumbai-400001	5. To, The Secretary, Department of Ayush Ayush Bhavan, B-Block, GPO Complex, INA New Delhi-110023	6. To, The Secretary Department of Chemicals and Petrochemicals A-Wing, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001
7. To, The Secretary Department of Fertilizers A-Wing, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001	8. To The Secretary, Department of Pharmaceuticals 3 rd Floor, B-Wing, Janpath Bhawan, New Delhi-110001	9. To The Secretary, Ministry of Civil Aviation Rajiv Gandhi Bhawan, Safdarjung Airport, New Delhi-110003
10. To The Secretary, Ministry of Coal A-Wing, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001	11. To The Secretary, Department of Commerce Udyog Bhawan, New Delhi-110011	12. To The Secretary, Department of Industrial Policy & Promotion Udyog Bhawan, New Delhi-110011
13. To The Secretary, D/o Electronics & Information Technology, Electronics Niketan, 6, CGO Complex, Lodhi Road., New Delhi-110003	14. To The Secretary D/o Posts Dak Bhawan, Sansad Marg, New Delhi-110003	15. To The Secretary D/o Telecommunications Sanchar Bhawan, Rafi Marg, New Delhi-110003
16. To The Secretary, D/o Consumer Affairs Krishi Bhavan Dr. Rajendra Prasad Road, New Delhi-110001	17. To The Secretary, D/o Food and Public Distribution Krishi Bhavan Dr. Rajendra Prasad Road, New Delhi-110001	18. To, The Secretary Ministry of Corporate Affairs A-Wing, Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001
19. To, The Secretary, Ministry of Culture Shastri Bhawan, Dr. Rajendra Prasad Road, New Delhi-110001	20. To The Secretary, Department of Defence South Block, New Delhi- 110001	21. To The Secretary, Department of Defence Production, South Block, New Delhi-110001
22. To The Secretary Department of Defense Research & Development South Block, New Delhi- 110001	23. To The Secretary, Department of Ex-Servicemen Welfare South Block, New Delhi- 110001	24. To The Secretary, Ministry of North Eastern Region, Vigyan Bhawan Annexe, Maulana Azad Road, New Delhi-110011
25. To The Secretary, Ministry of Drinking Water and Sanitation 9 th Floor, Paryavaran Bhawan, CGO Complex, Lodhi Road New Delhi- 110003	26. To, The Secretary, Department of Disinvestment Block No. 14, 3 rd Floor, CGO Complex, Lodhi Road New Delhi- 110003	27. To, The Secretary, Ministry of Earth Sciences Mahasagar Bhawan, Block-12, C.G.O Complex, Lodhi Road, New Delhi- 110003
28. To, The Secretary, Ministry of Environment, Forests & Climate Change Paryavaran Bhawan, CGO Complex, Lodhi Road, New Delhi-110003	29. To The Secretary, Ministry of External Affairs South Block, New Delhi-110001	30. To The Secretary, Department of Economic Affairs North Block, New Delhi-110001
31. To The Secretary, Department of Expenditure North Block, New Delhi-110001	32. To The Secretary Department of Financial Services 6B, 3 rd Floor, Jeevandeep Building, Sansad Marg, New Delhi-110001	33. To The Secretary Room No 144-B, Department of Revenue North Block, New Delhi-110001
34. To The Secretary, Ministry of Food Processing Industries Panchsheel Bhawan, August Kranti Marg, New Delhi-110049	35. To The Secretary, Ministry of Health & Family Welfare Nirman Bhawan, New Delhi-110011	36. To The Secretary, Department of Heavy Industry Block No. 14, CGO Complex, Lodhi Road, New Delhi-110003

Item Name :	ILLUMINATION SYSTEM
Enquiry No. :	20Q2000194
Project :	GSECL WANAKBORI
Type of project	THERMAL Transmission / Thermal (Coal or Gas) / Hydro
Applicable percentage of Local Content	100%

Format for Affidavit of Self certification regarding Minimum Local Content in line with PPP-MII order, 2017 if applicable.

Date: / /2019

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

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

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

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

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

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

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

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

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

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

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

<Insert Name, Designation and Contact No.>