

NOTICE INVITING TENDER

ANNEXURE-A TO OPEN TENDER 4250506E dt:17.07.2015

Sealed Tenders are invited from prospective suppliers / manufacturers for supply of FRP Junction Boxe on rate contract as per Scope, Size, Specification, Standards and Quantities as

LAST DATE FOR SUBMISSION OF BID: 11.08.2015 BEFORE 14:00 HRS IST

BID OPENING DATE: 11.08.2015 AT 14:30 HRS IST

SCOPE : SUPPLY OF FRP JUNCTION BOXE ON RATE CONTRACT as per Scope, Size, Specification, Standards and Quantities as listed below

Enq Sl.no	Item Description	Applicable Specification	Applicable Drawing	Applicable quality checklist	Rate Contract Quantity in Numbers	Applicable quantity split	RATE CONTRACT VALIDITY
1	SUPPLY OF FRP CONTROL JUNCTION BOXES VARIANT C2 .	TECI:FRPJB:REV 00 DT:01.01.2013	1-00-114-28775/ 01	CKL:E:816:REV 00	780	70:30	RATE CONTRACT VALID FOR ONE YEAR FROM DATE OF PO/LOI
2	SUPPLY OF FRP CONTROL JUNCTION BOXES VARIANT C4.	TECI:FRPJB:REV 00 DT:01.01.2013	1-00-114-28775/ 01	CKL:E:816:REV 00	175		

Suppliers shall quote the per Month delivery from Drawing approval Date.

Note:

- 1.This tender is for entering into rate contract , Refer Annexure-B for Rate contract terms and Conditions. Only manufacturers shall quote.
- 2.Vendor's shall quote rate/Number with freight and Insurance,Packing & Forwarding inclusive and Taxes Extra
3. Pointwise specific confirmation to BHEL Specification and Quality Checklist is to be given in the Techno-Commercial Bid without fail; otherwise offer will not be considered.
4. All vendors should conduct type test as per specification and the type test charges are to supplier account only.
5. Evaluation will be done as a SET, Control Junction Boxes (Variant C2,C4) as a SET.
6. In the event of order, vendor should get prototype approval by BHEL before bulk manufacturing
7. Suppliers shall confirm that packing shall be complied as per the tender specification and drawings.
- 8.New Supplier who are not registered with BHEL-Ranipet may submit supplier registration form online <http://supplier.bhel.in/> (or) <https://suppliers.bheltry.co.in/> for the product FRP JUNCTION BOX (SD463) and the relevant documents may be sent directly to Senior Manager / Supplier Development Cell, Bharat Heavy Electricals Ltd, Ranipet - 632406

Manager / Purchase



ANNEXURE – B to OPEN TENDER: 4250506E dt:17.07.2015
FOR SUPPLY OF FRP JUNCTION BOX (CONTROL)

DUE ON 11.08.2015

STANDARD TERMS & CONDITIONS
(FOR GUIDANCE TO THE SUPPLIERS)

A] Submission of Offer

Sealed tenders super-scribed with Tender Number, Due Date, Item Name & Supplier's Name and Validity of the Offer shall be addressed to Manager / Purchase (ESP), Bharat Heavy Electricals Limited, Ranipet – 632 406, Tamilnadu, INDIA, so as to reach him on or before the date and time specified in the tender. It shall contain two sealed covers in one envelope.

Sealed envelope super-scribed, with Tender Number, Item Name, Tender Due Date & Supplier's Name, Validity of the offer/s containing:

Cover I: Techno-Commercial and Unpriced Bid

Sealed Cover super-scribed "Cover I – Techno-Commercial and Unpriced Bid" containing:

- a) **Complete technical Offer** with details, catalogues, as applicable.
- b) **Un-priced bid** (i.e. Bid without the Price),
- c) **Filled-in BHEL's Standard Terms & Conditions** for Procurement of FRP JUNCTION BOX(CONTROL) enclosed with the Tender Document,
- d) **All relevant enclosures** of above documents / formats, if any.
- e) **Deviation summary** submitted in two parts – giving the summary of technical deviations separately and the commercial deviations separately, if any and
- f) **Shipping weight and cubage** (length, width & height) size of packing, including special shipping arrangements that may be required. If containerization is planned details of requirements like flat bed containers, open top containers, Standard 20' / 40' containers - number of containers required etc.
- g) **Supporting documents** to substantiate equivalent material specifications / sections, where quoted for.
- h) **Clientele list** with their full address including detail of contact person with phone no., fax no. & e-mail ID (if any) to whom the same / similar items are supplied in the past two years. The date of supply may also be indicated, against each client.
- i) **Bidders who are not already registered with BHEL Ranipet** are requested to submit the filled in Supplier Registration Forms (SRF) available in the BHEL website-www.bhel.com and the other required documents called for in the SRF (including D&B reports for import vendors, the facilities available at the works – starting material to finished product, manufacturing quality plan, inspection & test plan to meet the specification requirements) along with the technical bid. In addition, vendors may submit an experience certificate detailing the quantity supplied spec wise year wise along with the unpriced PO copies and proof of supply along with the offer for all the tendered specifications. Technical acceptance of offer by BHEL, shall be based on the evaluation of offer and the submitted documents. Documents supporting the following prequalification requirements shall be submitted with offer

1) Suppliers shall be a manufacturer of FRP Junction boxes.

k) **Authorization Letter:** Such of those tenderers who wish to participate in the Tender Opening, should attach an authorization letter which shall be duly signed and stamped in original, identifying the representative to be deputed for tender opening.

Note



- (i) The materials offered, shall conform to the specification and scope attached in the tender.
- (ii) In case the offered materials are not conforming to the Enquiry material Specification or such that the offered sections do not match the enquiry, such offers would not be considered for evaluation and would be rejected. Where equivalent specifications and sections are offered considering such offers will be at the sole discretion of BHEL. Wherever alternative standards / specifications are offered by Bidder, the Bidder shall provide sufficient documentary evidence to ensure equivalence to the designated standards / specifications, failing which the offer would be considered as not technically acceptable and hence shall stand rejected.
- (iii) All taxes and duties payable as extra to the quoted price should be specifically stated in offers. Offer from within India shall be submitted along with CST & TIN No. / Tariff No. etc, failing which the purchaser will not be liable for payment of such taxes and duties. Our TIN NO. 33024364741, CST. NO. 1141686, BHEL ECC No. AAACB4146PXM008.
- (iv) The un-priced bid is to be used to indicate relevant commercial implications without indicating price.
- (v) Commercial terms are to be indicated clearly in the offer.
- (vi) No changes shall be entertained once the bid is opened unless otherwise specifically agreed to in writing by BHEL.
- (vii) Money values shall not be indicated anywhere in the un-priced bid.
- (viii) Time required for inspection (at Supplier's works), should be clearly given in terms of numbers of working days
- (ix) It is advised that all the pages and annexure to the Techno-Commercial bid should be serially numbered, including indicating the total number of pages.

Sealed envelope super-scribed Cover – II (Price bid), with Tender Number, Item Name, Tender Due Date & Name of the Supplier and Validity, containing:

Sealed Cover super scribed "Cover II –Price Bid" containing:

Price Bid (i.e. Un-priced bid but with Price duly filled-in) in conformance with the commercial terms as per Cover- I.

The Prices shall be indicated in both figures and words, clearly specifying the currency used. Differential foreign currencies may not be used in a given offer.

Wherever there is a discrepancy between the figures and the words, the value as indicated by words shall be taken as the "Price" by the Purchaser. Similarly if there is a discrepancy between the Unit Price and the Value on account of arithmetical error in the computation of the Value (Price x Quantity), only the Unit Price would be taken by the Purchaser for consideration. No corrections would be permitted after the submission of the bids. Error statements should be completely erased / struck out and fresh values given in the offer, which should be initialled and attested by the tender submitting authority. Offers without the above may become liable for rejection.

Note

- (i) The price break-up should be in line with technical specification / scope of the tender. (Cost of material, packing charges, forwarding charges, freight, insurance charges shall be shown appropriately, as applicable).
- (ii) No Price Variation Clause will be entertained and No advance payment will be made by BHEL.
- (iii) In case, there is a discrepancy in the term quoted in techno-commercial bid and price bid, the term as per the techno-commercial bid (Cover I) shall hold good and the commercial term quoted in the Price Bid (Cover II) shall not be considered.
- (iv) In their own interest, all Tenderers are advised to double check their prices, applicable duties and taxes.



- (v) The quotation should be valid at least for a period of 90 days from the Price bid opening date.
- (vi) Offers should be submitted in two sets, one original and one copy.
- (vii) The offers should invariably contain Signature (ink-signed) & Office Stamp of the Supplier. Any corrections / erasures in the offers should be initialled and stamped.
- (viii) Indian bidders should submit the prices in Indian Rupees only.
- (ix) Foreign bidders may submit their bid in their home currency. The currency should be clearly indicated in the un-priced commercial bid as well as in the price bid.
- (x) Indian Suppliers shall quote on FOR Destination basis only. Destination is BHEL, Ranipet Stores. Foreign Suppliers shall quote on FOB Delivery/FCA Airport . Delivery shall be on FCA AirPort basis indicating the nearest airport. No other delivery terms shall be acceptable. The Airport shall be a popular and commonly used international Airport. Transit would be arranged by the freight forwarder nominated by BHEL, details of whom would be included in the Purchase Contract. As per Government of India guidelines, BHEL Ranipet being a Government of India Undertaking the Bill of Lading shall be made with the Shipper as "Government of India". This shall be specifically confirmed by the Bidder.
- (xi) List of shipping agents would be a part of the Purchase Contract.

B] Opening of Offers

- a) **Tenders shall be received up to 14 00 Hours on 11.08.2015 and be opened on the same day at 1430 Hours. Tenders received after 14 00 Hours would not be opened. The times indicated are Indian Standard Time (IST). Tenders received after 14:00 Hrs would be designated as "Late Offer" and would be returned back to the Bidder unopened.**
- b) Supplier shall submit two covers (Cover-I techno-commercial bid & Cover-II price bid) in one envelope only. If one cover containing all the bids techno-commercial bid & price bid together, the **bid is liable for rejection**. The decision to accept such bids shall be the sole discretion of BHEL, which may be done by BHEL after segregating the bids so received.
- c) Such of those Tenderers who wish so, may participate in the Tender Opening by deputing their representatives. The representatives would be allowed to participate in the Tender opening only on submission of a signed and stamped authorization letter issued by the Supplier. Representatives without the Authorization Letter would not be allowed to participate in the Tender Opening. Representatives who turn up after the Tender opening time / start of the Tender opening would not be allowed to participate. After tender opening the details would not be given to such suppliers who choose to be absent at the time of Tender opening.
- d) Details such as the Technical Specification, Delivery Terms, and Delivery Period and the Price details in the event of the sealed price bid opening, alone would be read out by the Tender Opening Officer. No other data will be read out.
- e) In exceptional cases, at the discretion of BHEL, in the event of the named representative (named in the Tender Document) is unable to come due to unavoidable circumstances, then an alternative representative would be allowed, where the alternative representative should carry a revised original authorization certificate. Suppliers are advised to avoid such situations to avoid embarrassments on both sides and
- f) If so required, BHEL reserves the right to open the Price-Bids, '*in-camera*'. Intimation to this effect would be given to the Supplier by BHEL, before the opening of the Price-Bids.

Note

- (i) Bids including all enclosures and supporting documents like catalogues, pamphlets, etc., shall be provided in ENGLISH language only.



(ii) At its option, BHEL may consider extending the due date/s for the tender openings. Sufficient notice would be given by BHEL for such extensions. Any amendments to this tender will be published in www.bhel.com only.

(iii) Specifications are the basic essence of the "Item". and all deviations shall be summarized and provided in a "Deviation Statement", listing the points and the deviation against each point, and

(iv) BHEL reserves the right to increase or decrease the tendered quantity.

(v) Offers for part quantities on item level basis are not acceptable to BHEL. no supplier shall quote for partial quantity of any given enquiry item. Such partial offer would not be considered in the enquiry for that item.

C] Evaluation of Offers

a) The price bids including the negative impact price of the technically acceptable offers alone, contained in Cover II shall be opened.

b) All bidders shall submit their offers by filling-in the format of the BHEL tender documents. Offers received in any other format are liable to be rejected. Offers are asked in BHEL's format for purpose of standardisation - to help in the offer evaluation.

c) Offer with any pre-conditions (like conditional discounts) for price are liable to be not considered / rejected. For evaluation the such conditions would be removed and only the base offer would be considered for evaluation and comparison.

d) In the event of any change in scope / quantity arising out of the discussions, offerers would be given a chance to submit their revised offer (impact). The revised offer (impact) shall contain only the price addition / deletion for such change in the scope / quantities, over and above the original scope and price quoted. The original price quoted shall not be changed on account of the technical discussions.

e) BHEL reserves the right to reject without assigning any reasons / load any offer with factors other than already specified for such offers having deviations to BHEL Specifications, Standard Terms & Conditions at its discretion. The decision of BHEL in this regard shall be final.

f) BHEL reserves the right to reject an offer due to unsatisfactory past performance during tender finalisation / execution of a contract at any of BHEL projects / units or if unsatisfactory performance report is received from the party/s referenced by the supplier at any time during tender finalisation.

g) BHEL reserves the right to operate Purchase / Price preference to Government of India Undertakings, which shall be given as per the guide lines of Government of India given from time to time and / or relax the Terms and Conditions of the tender.

h) For the purpose of comparing prices, tender prices shall be converted to Indian rupees and the conversion shall be made by using the TT Selling rate of State Bank of India (SBI) prevailing on the date of opening of Techno-Commercial/Unpriced bids. This exchange rate will be followed till placement of order.

i) BHEL reserves the right to conduct negotiations on the "Price" and "Other Commercial Terms and Conditions" with the lowest ranked offerer at any time after the bid opening but before the release of the Purchase Order and

j) If so required by BHEL, Supplier may have to share their cost data / costing sheet with BHEL.



D] Execution of the Order

- a) BHEL will have the option to pre-inspect the materials at Supplier's works by BHEL's own inspector or by third party agency appointed by BHEL or BHEL's end customer/s **but this does not absolve the Supplier from giving the specifications as agreed upon.**
- b) In the case of overseas suppliers Inspection call for carrying out the inspection shall be given 60 days before the scheduled contract delivery date. BHEL requires clear 30 days notice to arrange for inspection. The Inspection date/s given by the Supplier shall be on firm basis. For local Suppliers the Notice period of Inspection shall be 10 working days.
- c) Deviations, if any pointed out by the visiting Inspection team of BHEL shall be corrected and the items as per specification shall be dispatched on or before the contract delivery date.
- d) The final inspection for acceptance will, however, be carried out at BHEL's works at Ranipet.
- e) The contract delivery date is the date of receipt of material at BHEL-Stores for suppliers in India and the date of dispatch clearance given by BHEL for overseas suppliers.
- f) Travel & other local stay cost for the Inspectors sent by BHEL will be to BHEL account, but other Inspection Charges, if any shall be to the account of the Seller only.
- g) The supplier shall arrange for packing suitably in all respects for normal transport by air / rail / road and Materials shall be suitably protected against damage in transit and storage.
- h) Foreign suppliers shall dispatch on FCA agreed Airport basis, according to the contract conditions. Indian suppliers shall dispatch on free delivery (door-delivery) at BHEL stores basis only. Unloading the materials at BHEL Stores would be to the account of BHEL only.
- i) In the event of any short supply, it shall be the responsibility of the supplier to deliver such short supplied/ missing items on Free-of-Cost basis at BHEL stores, including customs clearances in the case of foreign suppliers.
- j) Materials shall be dispatched only after getting the dispatch clearance of BHEL (Dispatch clearance would either be faxed / e-mailed as a scanned document / couriered.) and
- k) Payment terms: The acceptable mode is "100% direct with in 90 days of receipt and acceptance of materials at BHEL for Indigenous Non MSE Suppliers and 100% direct with in 45 days of receipt and acceptance of materials at BHEL for Indigenous MSE Suppliers (MSE suppliers shall submit the Notarised MSE certificate and CA certificate) along with offer " and through "100% payment through unconfirmed irrevocable L/C with 120 days interest free credit period ", for foreign suppliers. Payment to Indian suppliers would be through Electronic Fund Transfer (EFT). The EFT form which is a part of the tender document has to be filled in and submitted by the Indian bidder along with the techno-commercial offer in Cover-I. No other payment terms are acceptable.
- l) In case of deviation to credit period for foreign suppliers , BHEL reserves the right to load the price of foreign suppliers in order to bring them on common platform as per Indigenous Suppliers on the account of differential payment terms to Indigenous Suppliers.
- m) Any incidence of tax like Income tax, Service Tax and any other similar tax / duties /levies imposed by the Government of India, or the State Government, where the BHEL Unit is located, deductible at Source, during the tenure of the Order shall be deducted by BHEL and necessary certification of the deduction (Tax deduction at Source) would be given.
- n) The Guarantee period shall start from the "Date of Dispatch" and shall be submitted in BHEL-Format only.



E] Liquidated Damages Clause:

BHEL will levy penalty as Liquidated Damages (LD), for delay in delivery. The damages shall be at the rate of ½% per week or part thereof subject to a maximum of **10%**. Delivery for purpose of L.D, will be reckoned as the date of the Airway bill for the Foreign Supplier and date of receipt of materials at stores for Local Supplier. Supplier shall deduct the applicable LD from the first payment when raising the claim for the same. The applicable LD if any would be communicated by BHEL along with the dispatch clearance. The LD would apply on the undelivered portion only. In case of reasons attributable to BHEL for the delay in delivery (for e.g. delay in arranging the pre-inspection) then the delivery time would be reset to the extent of the time delay attributable to BHEL, with waiver of the LD. Delivery being the essence of BHEL's contract requirements, In the event that a Supplier does not accept the LD condition above, the offer would be loaded to the extent of the shortfall with respect to upper limit specified above. Offers which do not accept for any LD would stand rejected.

The offer/s of such of those bidders who do not accept for levy of liquidated damages (LD) for delay in delivery is likely to be summarily rejected. No correspondence would be entertained by BHEL in this regard, on this subject. BHEL specifically draws the need of this mandatory requirement to the notice of all Bidders. The Price Bid of such of those offerers failing to meet this requirement, would not be considered for the Price-Bid Opening.

F) Miscellaneous

i) Role of Agents:

BHEL prefers to deal directly with the Main producers only.

BHEL strongly discourages the engagement of Agents in India by foreign principals, to deal with BHEL, in BHEL's tenders.

BHEL will not enter into any correspondence with an Indian Agent.

The Indian Agent will not be extended the privilege given to the principals, such as that of attending the tender openings, attending technical discussions, commercial discussions or price negotiations and such like.

In case, in spite of the above, a foreign principal insists on engaging an Indian Agent, It is made clear by BHEL that:

It is the sole responsibility of the foreign principal to ensure the Agent does not represent any other foreign principal in a given tender.

An undertaking to this effect shall be given by the foreign principal that his / her Agent does not represent any other foreign principal in the tender. This document shall form a part of the techno-commercial offer.

If at any stage of the tender, BHEL finds that an Indian Agent has represented more than one foreign principal, all such offers of and all the foreign principals would be disqualified summarily in the tender inquiry. BHEL will only give an intimation of notice of the disqualification. No correspondence would be entertained by BHEL, on their decision. Such decision of BHEL shall be irrevocable, firm and final and shall be binding on the tenderer.

BHEL, due to business reasons would ban, would have banned Indian agents from dealing with BHEL.

Any foreign principal who engages such a banned agent, or an employee of the banned agency, or any other person connected with the banned agency, at any time during the tender proceedings, would be disqualified from the tender proceedings. The decision of BHEL in this regard shall be final and be binding on the OEM.

Hence in their own interests, prospective tenderers may check with BHEL, the status of their proposed agent vis-à-vis BHEL.

In view of the requirement of BHEL, it is strongly suggested that in their own interest, foreign principals may desist from engaging any Indian agent and deal with BHEL directly and it is stressed that any Main producer proposing to deal with BHEL by engaging and through an Indian Agent does so at their own risk.

BHEL shall in no way be responsible for any consequences that may arise to the foreign principal on account of the antecedents / actions of their Indian Agent.

In the event of the foreign principal engaging an Indian Agent:

a) The Supplier shall furnish an authenticated copy of the Agency Agreement with his agent detailing the precise relationship between them and their mutual interest in the business along with techno-commercial bid.

b) The Supplier shall furnish original authorization letter for the Indian Agent. The letter shall contain name, contact person, complete postal address including phone, fax and e-mail ID. It shall also spell out the type of services to be rendered by Indian Agent.



- c) Indian Agent & Agency commission: An Indian Agent can represent only one Foreign Manufacturer against a particular Tender. The FCA price quoted by the foreign bidder shall include the agency commission. However, the agency commission component payable to their Indian Agents shall be shown separately in the Offer, either as a lump-sum or as a percentage of the quoted price. This will be paid by BHEL in Indian Rupees, on satisfactory receipt & acceptance of the materials. For calculation of Rupee equivalent of Agency Commission, exchange rate as prevailing on the date of Purchase Order will be taken and
- d) For all discussions, technical clarification and negotiations etc. only the principal would be authorized for interaction with BHEL. The Agent shall not be a party to the discussions / negotiations and would not be normally allowed to participate.

ii) Terms & Conditions of Letter of Credit (L/C) for overseas suppliers (indicated for acceptance).

- a) Unconfirmed irrevocable Letter of Credit only will be opened by BHEL. Confirmation of L/C is not preferred by BHEL.
- b) Bank charges out side India are to the Supplier's account.
- c) In case of L/C extension caused by delays attributable to the Supplier, the L/C extension / commitment charges are to be borne by the Supplier.

iii) Other terms & conditions for letter of credit: - Documents for negotiation

- a) Signed Commercial invoice in quadruplicate, for a value not exceeding the draft amount, quoting the import Licence No and certifying goods evidencing shipment of the merchandise are as per Applicant's Purchase Order. The amount of invoice after deducting Indian Agent's commission, if any, should not exceed the Credit amount. (The Indian agent's commission, if any, is payable in India in Indian rupees only.)
- b) Certificate of Country of Origin, from the country of manufacture, issued by the Chamber of Commerce.
- c) One set of Original and two sets of Non-negotiable copies of 'signed', 'unmarked', 'clean on board' Ocean Bill of Lading, showing Shipper as "Government of India" Account M/s. Bharat Heavy Electrical Ltd, Unit: BHEL, Ranipet as consignee (The opening bank should not be notified as consignee), marked freight payable / prepaid at destination.
- d) Packing list in 4 copies in English, indicating Size wise Number of bundles / pieces shipped and weight.
- e) Certified copy of the fax / e-mail sent by the beneficiary to the applicant giving the following particulars of shipment, as the insurance is to be arranged by the Applicant in India: (a) Purchase Order Number & date; (b) Bill of Lading Number & date /Air Way Bill (c) Name of vessel; (d) Port of Loading; (e) Number of bundles / pieces and weight; (f) Invoice Number, date and value (g) Purchase Order item number's despatched. The cable / fax is to be sent within 2 working days of shipment.
- f) Beneficiary's certificate showing the relevant airmail / courier reference no. and date that the following clauses have been complied with:
- 1] Beneficiary to forward by Registered Airmail / Courier one complete set of original documents and one set of non-negotiable documents within 3 working days of obtaining shipping documents to Regional Manager (ROD), Bharat Heavy Electricals Ltd, No. 165, Thambu Chetty Street, Chennai – 600 001. India. (Phone: +91-44-25341249, 25341240 / Fax - +91-44-25340787; e-mail: raja@rodchn.bhel.co.in)
 - 2] Beneficiary to courier at his cost 3 copies of complete set of non-negotiable documents to the Officer who released the Purchase Order.
 - 3] Declaration by the Supplier certifying that the contents in each case are not less than those entered in the invoices / packing list and that the invoicing for the supplies effected is strictly in accordance with agreed rates as stipulated in the Purchase Order.
 - 4] Declaration to the effect that all other documents as per purchase order has been couriered to the Purchase order releasing authority



5) Copy of Dispatch Clearance / Instruction issued by BHEL.

iv) Documents to be sent directly to the Purchaser prior to shipment

- a) Manufacturer's Original Internal Inspection / Test certificate in triplicate.
- b) Manufacturer's Original Guarantee certificate as per Purchase Order. The material shall be guaranteed for a period of 12 months from the date dispatch or 18 months from the date of commissioning whichever is earlier.
- c) Inspection / Test Certificate issued by BHEL / Inspection agency specified in the Purchase Order. In the event that Inspection prior to dispatch is not carried out by the Engineers of BHEL, the Inspection certificate of the third party so authorized by BHEL and
- d) Any other documentation as specified in the Purchase Order.

v) Conditions for transportation:

- a) All shipping documents shall show the Purchase Order Number & Date, Import Licence Number & Date, and Letter of Credit Number & Date.
- b) Transshipment is to be avoided.
- c) A transport document which is produced or appearing to have been produced by reprographic, automated or computerized systems or as carbon copy will be accepted as an original document provided that it is marked as original and is ink-signed.
- d) The transport document must contain all the conditions of carriage on the original document.
- e) The transport document must not indicate the place of destination as being different from the port of discharge.
- f) The transport document must not contain the indication 'intended' or similar qualification in relation to the vessel or other means of transport or port of loading or port of discharge.
- g) The transport document must be issued by the carrier or his agent and not by any freight forwarder.
- h) Transport documents bearing reference by stamp or otherwise, to costs additional to the freight charges are not acceptable.
- i) The Bills of Exchange must be dated and presentation of documents for negotiation must not be later than 15 days after the date of shipment and in any case not later than the expiry date of the Credit.
- j) Material shall be dispatched through the agency nominated by BHEL.
- k) Indian suppliers shall dispatch the materials, freight prepaid, on door-delivery basis (FOR Destination – Destination: BHEL Stores) preferably through any one of the approved carriers of BHEL only and
- l) In the event there is a delay by the Supplier in negotiating / submitting the document, any demurrage / wharfage arising out of the same shall be to the account of the Supplier and shall be deducted from the final payment. Also, in such cases, the Supplier shall authorize the Steamer / Shipping agent / transporter to freely release the consignment to BHEL by providing a "Surrender Bill of Lading". Over-seas Suppliers have to give a No-Objection Certificate to BHEL, authorizing BHEL to get the Delivery Order from the Steamer Agent without producing the Original Bill of Lading. This is required to ensure avoidance of incidence of demurrage at Chennai Sea-port that may arise in case of delayed presentation of documents by the Seller.

G] Force Majeure

If at any time during the currency of this contract, the performance in whole or in part, by either party of any obligations under this contract shall be prevented or delayed by reason, of any war, hostilities, acts of the



public enemy, civil commotion, sabotage, fires, explosions, epidemics, quarantine, restrictions or acts of GOD (hereinafter referred to as events), then provided notice of happening of any such events is given by either party to other within ten days from the date of occurrence thereof, neither party shall reason of such events be entitled to terminate this contract nor shall either party have any such non performance and delay is resumed as soon as practicable after such events has come to an end or ceased to exist. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason or any such event claims for extension of time shall be granted for period considered reasonable by the purchaser subject to prompt notification by the seller to the purchaser of the particulars of the events and supply to the purchaser if required of any supporting evidence. Any waiver of time in respect of partial installment shall not be deemed to be a waiver of time in respect of remaining deliveries.

H] Cancellation of Order:

In the event of non-performance of the contract by the Supplier, BHEL reserves the right to cancel the order with issue of a written notice. BHEL would provide a curing period of 30 days, for the Supplier to rectify the situation. If the Supplier fails to rectify the reason/s that led to the issue of cancellation notice by BHEL, then the cancellation order would be issued automatically by BHEL, without further recourse to the Seller. BHEL will not pay any cancellation charges or any other charges / damages to the Supplier, arising out such cancellation. In the event of the non-performance of the supply contract, by the Supplier, the rights of BHEL include, in addition to canceling the order, to take alternate purchase action at the cost and risk of the supplier. The additional expenditure to be incurred by BHEL in such alternate purchase would be to the account of the supplier. (Risk Purchase). This remedy would be in addition to the invoking of the CEBG on grounds of failure of the Supplier in executing the Contract and any other legal remedies."

I] Quantity Split:

BHEL reserves the right to split the tendered quantity as follows: 70:30 (70 % for the original L1 and 30 % for the next higher bidder who accepts to supply the goods and quantity at the same rates, commercial terms and conditions as that of the L1)

The quantity split is considered on the grounds of:

- (1) Higher quantity
- (2) Higher tender value
- (3) Capacity limitation of the suppliers.
- (4) Delivery requirement of BHEL
- (5) One or a combination of above or all of the above.

In no case the highest quoted bidder (H1) would be given the opportunity of the quantity split. Similarly, if there are only two bidders, quantity split will not be generally considered. However in exceptional circumstances, BHEL may still resort to quantity split between the two bidders, to meet their requirements.

It is understood that Bidders participating in this tender have agreed to this condition.

Mere stipulation of the quantity split condition in the tender does not guarantee that BHEL will split the order. BHEL reserves the right to place orders on respective L1 only without resorting to the quantity split, even if the quantity split provision is made available in the tender.

The quantity split ratio is only indicative and BHEL has the right to modify the same depending on the quantities requirement of their customer projects. Such modifications would be within the range of $\pm 10\%$ of the indicated split ratio.

The L1 prices and their agreed commercial terms and conditions would be counter-offered to the next higher bidders in the order of their ranking and the quantity split would be given to the bidders who accept it in –toto on the basis of their ranking in the price bid.



If none of the other bidders accept the counter-offer viz the Price, Quantity, commercial terms and conditions, then the entire quantity of the tender would be ordered with the original L1 only without any further recourse by BHEL.

The decision that the quantity split would not be operated would generally be intimated to the technically successful bidders before the price bid opening. However in exceptional circumstances, BHEL may resort to ordering only on the respective L1, without the quantity split, even after the price bid is opened. The decision of BHEL in this would be final and would be binding on all the bidders.

Note:In the event of non-operation of Quantity split , Suppliers are expected to pass on the volume / quantity discounts, as applicable to BHEL.

Counter offer: Will be made matching the lowest landed cost to BHEL (L1)

K] Others

a) In case of any contradiction in the terms and conditions given here and elsewhere in the other documents of the tender, it shall be the responsibility of the tenderer to get it clarified from BHEL. The officer authorized to provide such clarifications is Sr.Manager / ESP Purchase e-mail: tvgopal@bhelrpt.co.in (or) srikanthch@bhelrpt.co.in.

b) Alterations to the conditions of the Tender can be done only by the authorized officer, at any time before the date and time of tender opening. Such changes, if any, would be communicated in writing and / or hosted in the web-page.

c) The laws governing this transaction shall be the laws in India.

d) Wherever not specified, INCO Terms 2011 shall be used to interpret the Commercial terms and conditions and

e) In the event of an order, Supplier shall agree to settlement of disputes or differences, if any, by way of arbitration, in accordance with the "Rule of Arbitration" of the Indian Council of Arbitration.

The language in the tender documents downloaded by the Bidders shall at no point of time be changed, altered or modified in any manner by the Tenderer. If such changes are made by any tenderer, it shall be considered as tampering with BHEL's terms and the offer shall be summarily rejected, whenever it is noticed by BHEL. Such Bidders would be disqualified from the Bidding Process and their offers would be forfeited / Bank Guarantees invoked. They would also not be allowed to participate in future tenders of BHEL.

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## **I – Rate Contract Terms and Conditions**

- (i) This Enquiry is for entering into Rate Contract for the procurement of FRP Junction boxes. Contractual period shall be one year (twelve months) from the date of LOI/PO.
- (ii) *Separate addendum will be issued against firm requirement as and when requirement arises.*
- (iii) *The rate contract quantity indicated is tentative only. The qty indicated are not guaranteed requirement. It may increase / decrease. Also Delivery date indicated in the Enquiry is tentative.*
- (iv) Rates shall be firm till completion of supplies and shall be valid for ordering for a period of twelve months from the date of Letter of Intent. This means the order can be released on the last date of the Contract period.
- (v) *Delivery is essence of the contract.* Vendor shall indicate the start-up period of the delivery from the date of Letter of Intent and also clearly indicate the quantity of **FRP Junction Boxes** that can be supplied there after (First lot) each month in the offer.
- (vi) Vendor shall offer their prices on F.O.R .BHEL Stores, Ranipet basis i.e. price shall be inclusive of all i.e. P&F and Freight & Insurance.

## **II - Special Terms and Conditions**

- (i) Reverse auction terms and conditions as per Annexure-B
- (ii) Signed copy of the techno commercial MOU shall be enclosed along with offer in duplicate
- (iii) Suppliers shall enclosed notarized MSE copy (in original) along the Chartered accountant letter (in original) to validate the MSE status . for MSE vendor who have submitted the above documents shall be considered for 45 days after SRV payment term , and for remaining all other vendor's it shall be 90 days.
- (iv) Non acceptance of BHEL commercial terms and conditions will attract loading of offer to arrive ranking.
- (v) Evaluation will be done as a set. control junction boxes (variants C2,C4) as a set.

Tentative project list and the estimated quantity breakup is as below for reference

| Sl.no | Project name                           | Project rating | Control C2 | Control C4 |
|-------|----------------------------------------|----------------|------------|------------|
| 1)    | NTPC Karanpura                         | 3 x 660 MW     | 330        | 60         |
| 2)    | Ennore Sez                             | 2x660 MW       | 120        | NA         |
| 3)    | Telangana manuguru                     | 4 X270 MW      | 40         | 40         |
| 4)    | Telangana Kothagudem                   | 1 X 800 MW     | 52         | NA         |
| 5)    | Wanakbori                              | 1 x800 MW      | 52         | NA         |
| 6)    | NTPC Darlipalli                        | 2 x800 MW      | 180        | NA         |
|       | Total projected firm quantites approx. |                | 734        | 160        |
|       | Rate contract proposed quantities      |                | 780        | 175        |

vi) Vendors shall explicitly confirm to points indicated and failure to comply with any conditions of this annexure may result in not consideration of offer by BHEL

vii) Items offered shall be in strict conformity to BHEL-specification, drawings, quality checklist

viii) Packing shall be strictly as per BHEL requirement consisting of wooden, card board and polythene wrap as per specification.

viii) Each variant of junction box for each project shall be packed separately. Label shall be provided on the packed box displaying the type, variant , quantity and project.

ix) Identification marking shall be made visible clearly on the FRP JUNCTION box card board box indicating the variant , type and project name.



x) Vendor manufacturing drawing as per BHEL requirement shall be enclosed.

xi) Lugs , mounting fasteners, glands shall be fixed in the boxes and dispatched to stores.  
Junction Boxes found without lugs, glands and mounting fasteners fixed will be rejected at our stores.

**Terms & Conditions of Reverse Auction**

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit 'online sealed bid' in the Reverse Auction. Non-submission of 'online sealed bid' by the bidder for any of the eligible items for which techno-commercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for non-compliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.

**Annexure - I**  
**Page 2 of 2**

10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL's standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the 'Business Rules of Reverse Auction', which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with other bidders, action as per extant BHEL guidelines, shall be initiated by BHEL and the results of the RA scrapped/ aborted.
14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.
15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.



**IN THE LETTER HEAD OF THE C.A. FIRM**

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that M/s .....having its registered office at .....is registered under MSMED Act 2006 and categorized under .....unit vide their Registration Number.....(copy enclosed)

Further certified that the investment of company in Plant & Machinery as on 31<sup>st</sup> March ..... is Rs.....Lacs i.e. below Rs.25 Lacs / 5 Crores as permissible for Micro / Small unit respectively under MSMED ACT 2006. Hence the company is under category of Micro/Small(strike off whichever is not applicable) unit for the financial year .....

It is further certified that cumulative investment in Plant & Machinery during ..... ( 01/04/..... - till date ) is below the permissible limit of Rs.25 lacs / 5 Crores for Micro / Small unit respectively and Company is under the category of .....unit as on date i.e. 31/03/.....

The Directors of the company have been instructed to intimate their clients in case of change of investments in Plant & Machinery, if any, in future with proper supporting documents.

This Certificate is **VALID FOR ONE YEAR ONLY** from the date of issue subject to the above referred instruction with reference to **"Change of Investments"**

for .....  
Chartered Accountants

Name:  
Membership Number:  
Full address  
Place:  
Date:

#### MSME STATUS (APPLICABLE ONLY FOR INDIAN SOURCES)

As per the Public Procurement Policy notified by the Central Government, Micro and Small Enterprises quoting within the price band of L1+15% shall be allowed to supply the requirement up to 20% of the tender value subject to condition that such Enterprises bring down their price to L1 price where L1 price is from other than a Micro and Small Enterprise. If L1 offer is from a Micro / Small Enterprise, this provision will not be applicable. In case more than one Micro and Small Enterprise is there within this span, the supply shall be shared proportionate to the tender quantity. (70:30 or 50:30:20 of the eligible quantity).

Note: Special provision for Micro and small enterprises owned by SC or ST: -

Sub target of 20% (i.e. 4% out of 20%) would be earmarked for procurement from Micro and Small Enterprises owned by the Scheduled Caste or Scheduled Tribe Entrepreneurs provided that in event of failure of such Micro and Small Enterprises to participate in the tender process or meet the tender requirements and the L1 price, the 4% sub-target for procurement ear-marked MSE owned by Scheduled Caste or Scheduled Tribe Entrepreneurs shall be met from other MSE Enterprises/s. Such of those Suppliers who are already registered with BHEL, Ranipet as an MSE and whose knowledge of BHEL, Ranipet that the change in the status has not been intimated by the Bidder and the order is obtained under the premise of an MSE then BHEL would cancel the pending order against this tender and take necessary steps for suspension of the business dealing with the Bidder as per the procurement policy of BHEL. In case after the bid opening it is seen that no MSE has become L1, then depending on the nature of the item, if it is not possible to split the tendered items / quantities on account of reasons like customer contract requirements of supplying one make for a given project or technical reasons like the tendered item being a system etc. then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the +15% band of L1



**ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS TRANSFER**

|    |                                                       |                                              |
|----|-------------------------------------------------------|----------------------------------------------|
| 01 | <b>NAME &amp; ADDRESS OF THE SUPPLIER / VENDOR</b>    |                                              |
| 02 | <b>VENDOR CODE</b> (as in WORK ORDER)                 | <input type="text"/>                         |
| 03 | <b>Details of Bank Account:</b>                       |                                              |
| A) | <b>NAME &amp; ADDRESS OF THE BANK</b> (WITH PIN CODE) |                                              |
| B) | <b>BANK TELEPHONE NUMBER</b> (WITH STD CODE)          | <input type="text"/>                         |
| C) | <b>BANK BRANCH CODE:</b>                              | <input type="text"/>                         |
| D) | <b>MICR CODE</b>                                      | <input type="text"/>                         |
| E) | <b>ACCOUNT NUMBER</b>                                 | <input type="text"/>                         |
| F) | <b>TYPE OF ACCOUNT</b>                                | CURRENT / OD / CASH CREDIT                   |
| G) | <b>VENDOR NAME AS PER BANK RECORDS</b>                |                                              |
| H) | <b>BANK BRANCH RTGS IFSC CODE</b>                     | <input type="text"/>                         |
| I) | <b>BANK BRANCH NEFT IFSC CODE</b>                     | <input type="text"/>                         |
| J) | <b>VENDOR'S EMAIL ID</b> (give two ids)               | <input type="text"/><br><input type="text"/> |
| K) | <b>NAME OF AUTHORISED SIGNATORY</b>                   |                                              |

**CERTIFICATE**

I / We hereby agree to receive the payments due from BHARAT HEAVY ELECTRICALS LIMITED, RANIPET by the National Electronic Funds Transfer and/or RTGS Transfer mode by credit to my / our above mentioned Bank Account. I / We also agree that payments made to the above mentioned Account is a valid discharge of the liability of Bharat Heavy Electricals Limited, Ranipet. I / we also agree to bear the applicable Bank Charges for the above mode of transfer.

AUTHORISED SIGNATORY OF VENDOR WITH SEAL

**Banker's Certification**

We confirm that we are enabled for receiving RTGS and NEFT credits and we further confirm that the account number of \_\_\_\_\_ (name of account holder), the signature of the authorized signatory and the MICR and IFSC codes of our Branch mentioned above are correct.

PLACE:

DATE:

\_\_\_\_\_  
 (Manager / Officer's  
 Signature Under Bank stamp)




Note: This EFT Form is to be submitted duly filled in manually in all fields and duly signed by Authorised Signatory and certified by Banker.



**PRODUCT STANDARD**  
**EDC-ECI**  
**BAP/BHEL/RANIPET – 632 406**

**TECI: [REDACTED]:FRPJB:REV 00**  
**PAGE 01 OF 04**  
**EFFECTIVE DATE : 01.01.2013**

**TITLE : TECHNICAL SPECIFICATION FOR BOUGHT ITEMS FOR ESP**  
**ITEM : FRP JUNCTION BOX**  
**CUSTOMER : NTPC & NON NTPC**

|                 | <b>NAME</b>             | <b>DESIGNATION</b> | <b>SIGNATURE</b>                                                                      | <b>DATE</b>       |
|-----------------|-------------------------|--------------------|---------------------------------------------------------------------------------------|-------------------|
| <b>PREPARED</b> | <b>REMYA KUKKILLIYA</b> | <b>ENGINEER</b>    |  | <b>01.01.2013</b> |
| <b>CHECKED</b>  | <b>S.RANGARAJAN</b>     | <b>DGM</b>         |  | <b>01.01.2013</b> |
| <b>APPROVED</b> | <b>S.RANGARAJAN</b>     | <b>DGM</b>         |  | <b>01.01.2013</b> |

**ISSUED BY**

**EDC – ECI**

**REVISION NO: 00**

**INITIAL RELEASE: 01.01.2013**

**1.0 SCOPE OF SUPPLY:**

The scope of supply of Junction box includes manufacturing, inspection, testing, packing and delivery of junction Boxes (FRP) as per this specification and attached drawings.

**2.0 APPLICATION:**

The junction boxes are used in power station to interconnect various field-mounted electrical equipments pertaining to boiler auxiliaries.

**3.0 APPLICABLE STANDARDS:**

The Junction boxes shall be manufactured and tested as per the following standards.

IS 13947 - Low voltage Switchgear and Control Gear specification.

IS 694 - PVC insulated Cables for working voltages up to and including 1100 specification

**4.0 SITE CONDITIONS:**

4.1 Ambient temperature : 1 Deg.C to 50 Deg.C

4.2 Relative humidity : 100% RH

4.3 Atmospheric condition : Highly dusty, abrasive and polluted, conducive to fungus growth, climate is tropical. Environment is as prevalent in a coal fired thermal power station.

4.4 Design temperature : 50 Deg.C

4.5 Location : Out door

**5.0 GENERAL REQUIREMENTS:**

5.1 Enclosure material & gland plate : 4 mm FRP sheet steel

5.2 Enclosure protection : IP 65 as per IS 13947

5.3 Terminal block type & arrangement : ELMEX or equivalent type of BHEL approved make mounted on DIN rail.

5.4 Terminal block insulating material : Melamine

5.5 Terminal block voltage grade : 650 V (Minimum)

- 5.6 Door Gasketing : Neoprene gasket 6 mm thick of shore hardness 20 to 30 & density 0.4 gm/cc shall be provided on all mating surfaces.
- 5.7 Door Opening : Removable door
- 5.8 Lug type : Annealed tinned solder less crimping type copper lugs shall be provided for all the terminals on both sides. Lug type shall be as mentioned in attached drawing.
- 5.9 Cable Gland type : Nickel chromium plated Brass Double Compression type cable glands fixed on the gland plate, with dummy plugs.
- 5.10 Number of earthing terminals : Two as per attached drawing.
- 5.11 Location of earthing symbol : Just above the earthing terminal. Symbol to be black lines on yellow background.
- 5.12 Rated voltage grade of junction box : 415V
- 5.13 Mounting fasteners : 4 sets of chromium plated bolts, nuts and spring washers for mounting the JB shall be supplied.
- 5.14 Suitable DIN rails along with clamps and screws shall be provided for terminal block mounting. All terminals are to be numbered serially by suitable identification label of PVC material in white background with black numbers. Terminal blocks shall be fixed to TB supporting DIN rail by means of suitable end plates with screws.
- 5.15 Stickers have to be fixed over the cable glands to indicate the cable size.
- 5.16 Non rusting name plate of 2 ply lamicoide in white colour with the following inscription in black letters shall be fixed to the name plate mounting bracket on top of the junction box with plated screws.

EP JUNCTION BOX  
(POWER) VAR\*

**BHEL/BAP/RANIPET**

\* - As applicable in the enquiry drawing

The name plate indicating the name of the supplier shall be provided on the door.name plate shall contain vendor details like year of manufacture, weight of the job, BHEL PO number & date.

- 5.17 The un -toleranced dimensions shall be as per IS 2102.
- 5.18 For cable glands, lugs & TBs, the type reference indicated in above table is that of a particular manufacturer. Equivalent type of cable glands, lugs & TBs of other BHEL approved makes given in this specification can also be used.
- 5.19 Terminal block to supplied and mounted by vendor. Terminal block shall be of NTPC approved make and rating as recommended in the table. Terminal blocks are to be mounted horizontally. Suitable din rail/base for mounting terminal shall be provided. All terminals are to be identified by suitable identified label. The strip shall be of PVC white background with black letters.
- 5.20 Bolts and nuts required for mounting the junction boxes and fitting are to be electro galvanised and supplied by the vendor.
- 5.21 Internal looping shall be made with 1100v grade PVC insulated stranded copper conductor cable and termination with crimping type annealed tinned copper lugs of dowels make.
- 5.22 Earthing bolts and nuts with rose Courtney washer shall be provided at opposite points on outside of the junction box body with earth symbol made of aluminium.
- 5.23 For external cable termination, two numbers in as shall be fitted and supplied in each terminal. The TB shall be suitable for terminating two in a single block for both incoming and outgoing cables.

## **6.0 MAKE OF COMPONENTS**

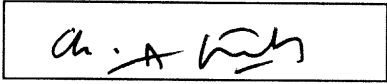
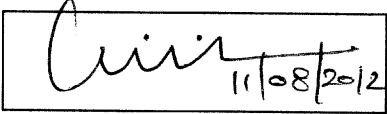
- |     |                   |   |                                                    |
|-----|-------------------|---|----------------------------------------------------|
| 6.1 | Terminal block    | : | ELMEX                                              |
| 6.2 | Crimping type lug | : | DOWELL                                             |
| 6.3 | Cable glands      | : | COMET / BRACCO / ARUP ENGG. / QPIE/<br>SUNIL & Co. |
| 6.4 | PVC wires         | : | ISI (BIS) APPROVED/CERTIFIED MAKES                 |

## **7.0 PACKING**

Each JB shall be fully wrapped in a polythene cover to avoid water entry and then packed separately in cardboard box. Finally all such boxes shall be packed in a wooden crate.

## **8.0 DRAWING**

Manufacturing drawings prepared in AUTO CAD shall be submitted in SOFT MEDIA in addition to **4 sets of** hard copies for approval by BHEL, (prior to start of manufacture) within 10 days from the date of purchase order.

|                                                                            |                                                                                                                                                                          |                                                                                    |
|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <b>BHEL<br/>RANIPET</b>                                                    | <b>STANDARD CHECK LIST FOR JUNCTION BOXES<br/>(GALVANIZED/PAINTED/FRP) MEANT FOR ESP APPLICATION.</b>                                                                    |                                                                                    |
| <b>REF.NO.</b>                                                             | <b>REVISION NO.</b>                                                                                                                                                      | <b>EFFECTIVE DATE</b>                                                              |
| <b>CKL:E:816</b>                                                           | <b>00</b>                                                                                                                                                                | <b>11 08 2012</b>                                                                  |
| TITLE : JUNCTION BOXES (GALVANIZED/PAINTED/FRP) MEANT FOR ESP APPLICATION. |                                                                                                                                                                          |                                                                                    |
|                                                                            |                                                                                                                                                                          | SIGNATURE                                                                          |
| PREPARED BY                                                                | : CH.ANILSINGH<br>ASST.ENGINEER/QA                                                                                                                                       |  |
| REVIEWED &<br>APPROVED BY                                                  | : C.SRINIVASAN<br>SR.MANAGER/QA                                                                                                                                          |  |
| ISSUED & CONTROLLED BY                                                     | :: QUALITY ASSURANCE<br>BHEL, RANIPET – 632 406                                                                                                                          |                                                                                    |
| DOCUMENT STATUS                                                            | <input type="checkbox"/>                                                                                                                                                 | INFORMATION COPY                                                                   |
|                                                                            | <input type="checkbox"/>                                                                                                                                                 | CONTROL COPY                                                                       |
|                                                                            | * It is a control of copy only if the mark against the control copy is in other than black color. Otherwise it will be an uncontrolled copy. Check for current revision. |                                                                                    |
| ISSUED TO :                                                                | CONTROL COPY NO.                                                                                                                                                         |                                                                                    |
|                                                                            | Page 01 OF 04                                                                                                                                                            |                                                                                    |

Note:

1. This is a standard check list for JUNCTION BOXES (Galvanized/Painted/FRP). Any additional project specific requirements highlighted in PO or relevant TEP shall be complied with. Any contradiction noticed in this check list with respect to enquiry requirements/TEP shall be highlighted in the offer.
2. If the acceptance criteria given in PO or TEP or approved data sheet is stringent than the one specified in this above, the requirement as per PO/TEP/data sheet will supersede the one given in the check list.

| <b>BHEL<br/>RANIPET</b>                                                                                                                                                                                                                                                                                                                                                                                                               | <b>STANDARD CHECK LIST FOR JUNCTION BOXES<br/>(GALVANIZED/PAINTED/FRP) MEANT FOR ESP APPLICATION.</b> |                       |        |                |         |    |            |                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|-----------------------|--------|----------------|---------|----|------------|----------------|
| <b>REF.NO.</b>                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>REVISION NO.</b>                                                                                   | <b>EFFECTIVE DATE</b> |        |                |         |    |            |                |
| <b>CKL:E:816</b>                                                                                                                                                                                                                                                                                                                                                                                                                      | <b>00</b>                                                                                             | <b>11 08 2012</b>     |        |                |         |    |            |                |
| <p><b>RECORD OF REVISION</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">REV.NO</th> <th style="width: 40%;">Effective Date</th> <th style="width: 35%;">Remarks</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">00</td> <td style="text-align: center;">11 08 2012</td> <td style="text-align: center;">Original Issue</td> </tr> </tbody> </table> |                                                                                                       |                       | REV.NO | Effective Date | Remarks | 00 | 11 08 2012 | Original Issue |
| REV.NO                                                                                                                                                                                                                                                                                                                                                                                                                                | Effective Date                                                                                        | Remarks               |        |                |         |    |            |                |
| 00                                                                                                                                                                                                                                                                                                                                                                                                                                    | 11 08 2012                                                                                            | Original Issue        |        |                |         |    |            |                |
|                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                       | PAGE 02 OF 04         |        |                |         |    |            |                |

|                               |                                                                                                                                |                                                                         |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <b>BHEL</b><br><b>RANIPET</b> | <b>STANDARD CHECK LIST FOR</b><br><b>JUNCTION BOXES</b><br><b>(GALVANIZED/PAINTED/FRP) MEANT</b><br><b>FOR ESP APPLICATION</b> | Ref no: CKL:E: 816<br>Rev No: 00<br>Date : 11 08 2012<br>Page: 03 OF 04 |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|

**FOLLOWING TESTS / CHECKS ARE TO BE DONE**

**1.) Routine Tests (Sample Size: IS 2500(Part I), ISO 2859 (Part-1) AQL 4% )**  
**by vendor.**

- a) Visual Inspection
- b) Dimensional Checks on random selected samples.
- c) Checks on mounting whole dimension, overall dimension, thickness, verification of verticality and squareness.
- d) Provision of gaskets at door and gland plate
- e) Operation of door and door locking arrangement.
- f) Matching of door with box.
- g) IR( IR > 1M ohm When Checked with 500V meggar ) HV Test( 2KV for 1 Minute)
- h) Verification on wiring, terminal blocks and provision of suitable cable glands and Lugs as per specification/drawing / PO condition.
- i) Provision of dummy covers for cable glands.
- j) Check degree of protection as per specification by inserting thin paper.
- k) Review of raw material test certificate
- l) Provision of label with inscription and earthing bolt and star washers and symbol for earthing.( Applicable only Painted and Galvanized Junction boxes)

**2.) Type Tests Requirements**

Review of type test certificate for enclosure protection test conducted on identical designs as per TEP / drawing.

**3.) For Painted Junction Boxes**

- a. Test /check for verifying the coating thickness, adhesion test including paint shade and the same shall be as per BHEL Drawing (or) supplier drawing approved by BHEL/Engg/BHEL Specification/Po Condition.
- b. Ensure Surface preparation( 7 tank Process as per IS 6005 or Equivalent practices)
- c. Ensure Primer is two coat of Anti corrosive Red Oxide Epoxy Primer and finish paint is Two coat of anti corrosive red oxide Epoxy Primer
- d. Ensure junction boxes shall be stove Enameled (or) powder coating.

|                               |                                                                                                                                |                                                                                                     |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|
| <b>BHEL</b><br><b>RANIPET</b> | <b>STANDARD CHECK LIST FOR</b><br><b>JUNCTION BOXES</b><br><b>(GALVANIZED/PAINTED/FRP) MEANT</b><br><b>FOR ESP APPLICATION</b> | <b>Ref no: CKL:E: 816</b><br><b>Rev No: 00</b><br><b>Date : 11 08 2012</b><br><b>Page: 04 OF 04</b> |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|

**4.) For Galvanised Junction Boxes**

- a) Test /check for verifying quality of galvanizing including uniformity of zinc coating as per IS 4759/IS 2633 and dichromatization and the same shall be as per drawing/specification/PO Condition.
- b) Hot Dip Galvanizing Source for NON NTPC Projects is to be done in any one of the BHEL approved sources for which vendor shall obtain galvanizing sources from Purchase Department, BAP BHEL/Ranipet before proceeding for the same.
- c) Hot Dip Galvanizing Source for NTPC Projects is to be done in any one of the \*\*\* NTPC approved Sources as indicated below w.r.t NTPC projects.

\*\*\*

- M/s Kanade Anand Udyog, Mumbai
- m/s MJ Engg., New Delhi/Bhiwadi
- M/s Vishaka Steel Allaid, Anakapally
- M/s Karamtara., Thane
- M/s Industrial Perfortion., Kolkata
- M/s BG Shirke., Pune
- M/s Jamuna Metals, New Delhi/Sonpet
- M/s Gurupreet., Hyderabad
- M/s Sigma Glavanisers., Mumbai
- M/s T.M Radha Krishna Galvanisers, Chennai.
- M/s Poona Galvanisers, Pune
- Other NTPC approved Sources.

- 5.) All other requirements if any shall be ensured as per BHEL PO and BHEL specification / drawings.



BHEL/RPT/MOU/FRP JB/REV 01 DT 17.07.2015

**Memorandum of Understanding for supplying**

**FRP JUNCTION BOX**

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**Between**

**Party I**

**M/s. BHEL, BAP, RANIPET-6**

**&**

**Party II**

**Vendor Name:**

**Vendor Address:**

**BHEL / RANIPET**

**VENDOR**



## RECORD OF REVISION

| REV NO | DATE OF REVISION | REMARKS                     |
|--------|------------------|-----------------------------|
| 00     | 13.06.2014       | ORIGINAL ISSUE              |
| 01     | 17.07.2015       | DRAWING REVISIONS INDICATED |



**Memorandum of Understanding (MOU) for supplying**

**FRP JUNCTION BOX**

**Section – General**

**1.0 General**

- 1.1 This commercial MOU is signed for supplying **FRP JUNCTION BOX** as per the agreed standardized specification, so that these details need not be discussed repeatedly for future supplies.
- 1.2 The following aspects are covered in this MOU and it is agreed to follow the same without any deviation.
  - 1.2.1 Commercial requirements as per point 2.0
  - 1.2.2 Technical Requirements as per point 3.0
- 1.3 The Party II agrees to take no deviation while submitting the offer.
- 1.4 The enquiry/ies will be sent on “TWO PART BID” basis seeking “Un Priced Bid as per MOU **BHEL/RPT/MOU/FRP JB /REV 01 DT 17.07.2015**” with out price in Part-1 and Part-2 shall consists only Price bid “Priced Bid as per MOU **BHEL/RPT/MOU/FRP JB /REV 01 DT 17.07.2015** ”. Both the bids shall be submitted in separate sealed covers and superscribing enquiry no, due date and Price bid/Technical bid.
- 1.5 The Party II agrees to submit their offer as mentioned in 1.4 above when ever the enquiry specifies that the offer should be as per MOU **BHEL/RPT/MOU/FRP JB /REV 01 DT 17.07.2015** without taking any deviation as this MOU is mutually agreed.
- 1.6 The Party II agrees to acknowledge the receipt of all correspondences sent by Party I either by the way of e-mail/post. Telephonic acceptance will not be entertained.



## BHEL/RPT/MOU/FRP JB/REV 01 DT 17.07.2015

1.7 The MoU will stand valid for THREE (03) Years from the date of finalization of the MoU . The MoU validity may be extended even after the initial period of Three years, if required by M/s BHEL with the consent of party II. However, in case any change is required, the MOU may be amended before the expiry of the validity with mutual consent.

### 2.0 COMMERCIAL POINTS :

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.1  | PRICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Firm till completion of order.                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2.2  | DELIVERY TERMS*                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FOR DESTINATION (As specified in the enquiry)<br>FOB Sea Port for Import Sources                                                                                                                                                                                                                                                                                                                                                                                         |
| 2.3  | PACKING&FORWARDING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Included in basic price                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.4  | FREIGHT & INSURANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Included in basic price                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 2.5  | EXCISE DUTY in %<br>for Indigenous sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Extra as applicable during the tenure of the contract. Actual has to be indicated while submitting the price offer for Indigenous sources                                                                                                                                                                                                                                                                                                                                |
| 2.6  | SALES TAX in %<br>for Indigenous sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | In case of any change in rate of Sales tax / Excise duty during delayed delivery period , the rate during the tenure of the contract / the changed rate whichever is lower will be considered .                                                                                                                                                                                                                                                                          |
| 2.7  | OCTROI<br>for Indigenous sources                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | If any, to supplier's account only.                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2.8  | PAYMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | For Indigenous Sources<br>100% within 45 days against SRV /submission of site acknowledgement. (as the case may be either Ranipet dispatches / Direct to site dispatches) for registered MSE suppliers and 100% within 90 days against SRV /submission of site acknowledgement. (as the case may be either Ranipet dispatches / Direct to site dispatches) for NON-MSE suppliers<br><br>Payment will be as per the payment mechanism of M/s BHEL, Ranipet. (Part of MOU) |
| 2.9  | LD.CLAUSE: As indicated in Enquiry (as per IMPORTANT NOTE) @0.5% per week, max of 10 % for the undelivered portion.                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| 2.1  | OFFER VALIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Minimum 90 days from the date of price bid opening / Reverse Auction                                                                                                                                                                                                                                                                                                                                                                                                     |
| 2.11 | <b>Risk Purchase clause:</b> Alternatively the Purchaser at his option will be entitled to terminate the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute therefor. The supplier shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in clause 2.9 above. |                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |



## BHEL/RPT/MOU/FRP JB/REV 01 DT 17.07.2015

|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                  |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2.12 | <b>BHEL Standard Guarantee Clause:</b> The materials are to be guaranteed for satisfactory performance for a period of twelve months from the date of commissioning / putting into use (or) eighteen months from the dispatch which ever is earlier and if any defect is noticed during the above period, the same shall be rectified/replaced free of cost on Ranipet/ Destination basis within a reasonable time, maximum limited to the agreed delivery period . To this effect a Guarantee certificate would be sent along with the dispatch documents in the event an order |                                                                                                                                                                                                                                  |
| 2.13 | REVERSE AUCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | a) For an enquiry the price will either be obtained either through Reverse auction or through Sealed bid as per enquiry.<br>b) Refer Annexure A for General terms and conditions of Reverse Auction.                             |
| 2.14 | SPLITTING *                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (a) In case BHEL desires to split the tender quantity , it will be indicated in the enquiry . Split ratio will also be clearly indicated in the enquiry .<br>(b) Refer Annexure B for General terms and conditions of splitting. |
| 2.15 | PAYMENT MECHANISM OF BAP RANIPET                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Refer Annexure C for Payment mechanism of BAP, Ranipet                                                                                                                                                                           |

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\* - Will be indicated in the enquiry.

### 3.0 TECHNICAL REQUIREMENTS : (Rev 01)

| SL NO  | DESCRIPTION                                                                                                                                                  |
|--------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|
| MOU 01 | FRP POWER JB-VARIANT 01<br>AS PER TECH SPECN:TECI:FRPJB:REV 00 AND AS PER DRAWING NO:1-00-114-28774<br>REV:01 QUALITY CHECK LIST CKL:E:816 REV:00            |
| MOU 02 | FRP POWER JB-VARIANT 02 AS PER TECH SPECN:TECI:FRPJB:REV 00 AND<br>AS PER DRAWING NO:1-00-114-28774 REV:01 QUALITY CHECK LIST CKL:E:816 REV:00               |
| MOU 03 | FRP POWER JB-VARIANT 03<br>AS PER TECH SPECN:TECI:FRPJB:REV 00 AND AS PER DRAWING NO:1-00-114-28774<br>REV:01 QUALITY CHECK LIST CKL:E:816 REV:00            |
| MOU 04 | FRP CONTROL JUNCTION BOX VARIANT C1<br>AS PER DRAWING NO:1-00-114-28775 REV:00 & AS PER TECH SPECN:TECI:FRPJB:REV<br>01, QUALITY CHECK LIST CKL:E:816 REV:00 |
| MOU 05 | FRP CONTROL JUNCTION BOX VARIANT C2<br>AS PER DRAWING NO:1-00-114-28775 REV:00 & AS PER TECH SPECN:TECI:FRPJB:REV<br>01,QUALITY CHECK LIST CKL:E:816 REV:00  |
| MOU 06 | FRP CONTROL JUNCTION BOX VARIANT C3<br>AS PER DRAWING NO:1-00-114-28775 REV:00 & AS PER TECH SPECN:TECI:FRPJB:REV<br>01,QUALITY CHECK LIST CKL:E:816 REV:00  |
| MOU 07 | FRP CONTROL JUNCTION BOX VARIANT C4<br>AS PER DRAWING NO:1-00-114-28775 REV:00& AS PER TECH SPECN:TECI:FRPJB:REV<br>01,QUALITY CHECK LIST CKL:E:816 REV:00   |

**3.0 Drawing Approval:**  
BHEL / RANIPET

**Required (To be submitted in 10 days from PO/LOI)**  
VENDOR



#### 4.0 QUALITY REQUIREMENTS :

|     |                                                     |                                                                                                                                                                                    |
|-----|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 4.1 | <b>Quality Plan</b>                                 | As per approved drawing and specification<br>TECI:FRPJB:REV 00,QUALITY CHECK LIST CKL:E:816<br>REV:00 If required vendor QP shall be submitted for approval on case to case basis. |
| 4.2 | <b>Inspection Before Despatch</b>                   | Will be done at vendor's Works before Dispatch by BHEL / BHEL's Authorized Inspection Agency AIA / BHEL's customer / Customer appointed Inspection Agency                          |
| 4.3 | <b>Test Certificate &amp; Guarantee Certificate</b> | Required                                                                                                                                                                           |
| 4.4 | <b>Test Report / Inspection Report</b>              | Must be submitted along with BHEL Inspection reports in triplicate to Mgr/QC (Proc) for submission to customer in the event of order                                               |

#### 5. Annexures to MOU

- (a) ANNEXURE 'A' - REVERSE AUCTION TERMS AND CONDITIONS
- (b) ANNEXURE 'B' - SPLITTING TERMS AND CONDITIONS
- (c) ANNEXURE 'C'- PAYMENT MECHANISM AT BHEL, RANIPET
- (d)ANNEXURE 'D'- CA CERTIFICATE PROFORMA FOR MSE VENDORS (VALID FOR ONE YEAR FROM THE DATE OF ISSUE)
- (d) ANNEXURE 'E'- TYPICAL UNPRICED BID FOR MOU



## ANNEXURE 'A' – REVERSE AUCTION TERMS AND CONDITIONS

### Terms & Conditions of Reverse Auction

Against this enquiry for the subject item/ system with detailed scope of supply as per enquiry specifications, BHEL may resort to "REVERSE AUCTION PROCEDURE" i.e., ON LINE BIDDING (THROUGH A SERVICE PROVIDER). The philosophy followed for reverse auction shall be English Reverse (No ties).

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1. For the proposed reverse auction, technically and commercially acceptable bidders only shall be eligible to participate.
2. Those bidders who have given their acceptance for Reverse Auction (quoted against this tender enquiry) will have to necessarily submit „online sealed bid“ in the Reverse Auction. Non-submission of „online sealed bid“ by the bidder for any of the eligible items for which technocommercially qualified, will be considered as tampering of the tender process and will invite action by BHEL as per extant guidelines in vogue.
3. BHEL will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on internet.
4. In case of reverse auction, BHEL will inform the bidders the details of Service Provider to enable them to contact & get trained.
5. Business rules like event date, time, bid decrement, extension etc. also will be communicated through service provider for compliance.
6. Bidders have to fax the Compliance form (annexure IV) before start of Reverse auction. Without this, the bidder will not be eligible to participate in the event.
7. In line with the NIT terms, BHEL will provide the calculation sheet (e.g., EXCEL sheet) which will help to arrive at "Total Cost to BHEL" like Packing & forwarding charges, Taxes and Duties, Freight charges, Insurance, Service Tax for Services and loading factors (for noncompliance to BHEL standard Commercial terms & conditions) for each of the bidder to enable them to fill-in the price and keep it ready for keying in during the Auction.
8. Reverse auction will be conducted on scheduled date & time.
9. At the end of Reverse Auction event, the lowest bidder value will be known on auction portal.
10. The lowest bidder has to fax/e-mail the duly signed and filled-in prescribed format for price breakup including that of line items, if required, (Annexure VII) as provided on case-to-case basis to Service provider within two working days of Auction without fail.
11. In case BHEL decides not to go for Reverse Auction procedure for this tender enquiry, the Price bids and price impacts, if any, already submitted and available with BHEL shall be opened as per BHEL"s standard practice.
12. Bidders shall be required to read the "Terms and Conditions" section of the auctions site of Service provider, using the Login IDs and passwords given to them by the service provider before reverse auction event. Bidders should acquaint themselves of the „Business Rules of Reverse Auction“, which will be communicated before the Reverse Auction.
13. If the Bidder or any of his representatives are found to be involved in Price manipulation/ cartel formation of any kind, directly or indirectly by communicating with



other bidders, action *as per extant BHEL guidelines*, shall be initiated by BHEL and the results of the RA scrapped/ aborted.

14. The Bidder shall not divulge either his Bids or any other exclusive details of BHEL to any other party.

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15. In case BHEL decides to go for reverse auction, the H1 bidder (whose quote is highest in online sealed bid) may not be allowed to participate in further RA process.



## ANNEXURE 'B' – SPLITTING TERMS AND CONDITIONS

BHEL reserves the right to split the tendered quantity as follows: X;Y (X% for the original L1 and Y% for the next higher bidder who accepts to supply the goods and quantity at the same rates, commercial terms and conditions as that of the L1)

The quantity split is considered on the grounds of:

- (1) Higher quantity
- (2) Higher tender value
- (3) Capacity limitation of the suppliers.
- (4) Delivery requirement of BHEL
- (5) One or a combination of above or all of the above.

In no case the highest quoted bidder (H1) would be given the opportunity of the quantity split. Similarly, if there are only two bidders, quantity split will not be generally considered. However in exceptional circumstances, BHEL may still resort to quantity split between the two bidders, to meet their requirements.

It is understood that Bidders participating in this tender have agreed to this condition.

Mere stipulation of the quantity split condition in the tender does not guarantee that BHEL will split the order. BHEL reserves the right to place orders on respective L1 only without resorting to the quantity split, even if the quantity split provision is made available in the tender.

The quantity split ratio is only indicative and BHEL has the right to modify the same depending on the quantities requirement of their customer projects. Such modifications would be within the range of  $\pm 10\%$  of the indicated split ratio.

The L1 prices and their agreed commercial terms and conditions would be counter-offered to the next higher bidders in the order of their ranking and the quantity split would be given to the bidders who accept it in –toto on the basis of their ranking in the price bid.

If none of the other bidders accept the counter-offer viz the Price, Quantity, commercial terms and conditions, then the entire quantity of the tender would be ordered with the original L1 only without any further recourse by BHEL.

The decision that the quantity split would not be operated would generally be intimated to the technically successful bidders before the price bid opening. However in exceptional circumstances, BHEL may resort to ordering only on the respective L1, without the quantity split, even after the price bid is opened. The decision of BHEL in this would be final and would be binding on all the bidders.

**Note:**In the event of non-operation of Quantity split , Suppliers are expected to pass on the volume / quantity discounts, as applicable to BHEL.

**Counter offer:** Will be made matching the lowest landed cost to BHEL (L1)



### ANNEXURE 'C' - Payment Mechanism at BHEL, Ranipet

BHEL, Ranipet's payment mechanism will be as follows: (All Bidders are requested to read this carefully and take note of it before submitting their offer)

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All bills of Suppliers processed for payment by BHEL, Ranipet shall pass through the following milestones:

- (1) Receipt of materials at BHEL, Ranipet Stores (evidenced by the Day-Book Number and Date generated at BHEL Stores, Ranipet) or Receipt of materials at Project Site / Destination specified in the Purchase Order (as evidenced by the acknowledgement given by the Consignee).
- (2) Acceptance of the supplied materials at BHEL Stores, Ranipet. (Proof of evidence: Stores Receipt voucher – Short form "SRV", raised by BHEL Stores, Ranipet referenced by the SRV Number and Date)
- (3) Receipt and Registration of the Bills / Invoices of the Supplier at BHEL, Ranipet Accounts Department. (evidenced by the ABS Number and Date)
- (4) Receipt of clarifications, if any that may be required by BHEL, Ranipet Accounts or Purchase Department, from the Supplier. (As evidenced by the IOM Inward Date)
- (5) Bill processing and passing.
- (6) Payment release.

All these events are transparently available in the SCM web-site of BHEL, Ranipet, {<http://bapscm.bhelrpt.co.in/purc>} which can be viewed by all registered supplier with a pass-word.

Allowed Time frames:

- |                                       |                                             |
|---------------------------------------|---------------------------------------------|
| A] From DB to SRV:                    | 10 Days                                     |
| B] From SRV to ABS:                   | 15 Days                                     |
| C] From ABS to Bill Pass:             | 07 Days (if Stage 4 above is not there)     |
| Or                                    |                                             |
| From IOM to Bill Pass:                | 07 Days (if Stage 4 above is applicable)    |
| D] From Bill Pass to Payment Release: | As per payment terms of the Purchase order. |

All Suppliers payment/s would be released based on seniority of receipt of the processed bills at the payment section of BHEL, Ranipet Accounts Department.

The seniority would be based on the sequence of milestone events listed above.

In the sequence of the bill processing the preceding mile-stone seniority will be void, if the subsequent event occurs beyond the permitted time frame between two successive events.

For example:

Start seniority would be with the DB date

If the SRV date is greater than 10 days of the DB date, then the seniority of the DB date would be replaced by the SRV date.

If the ABS date is greater than 15 days of the SRV date, then the seniority would be reckoned by the ABS date.

If the Bill pass date is greater than 07 days of the ABS date then the seniority would be the date of inward receipt of the IOM.



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The logics of these sequence is that SRV, ABS, IOM inward entry are dependent entirely on submission of correct documentation by Suppliers, as called for in the Purchase Order. If the documents are correctly submitted each of the milestone listed above will occur within BHEL, Ranipet within the timelines specified above.

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Hence, in their own interest all Suppliers are requested to take note of this process and comply with the same.

**Caution:** Suppliers' payments would get delayed / affected if they fail to adhere to the submission of the documents specified in the Purchase Order / Contract, since the listed milestone events occurrence are contingent upon the availability of the requisite documents.



**IN THE LETTER HEAD OF THE C.A. FIRM**

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that M/s .....having its registered office at .....is registered under MSMED Act 2006 and categorized under .....unit vide their Registration Number.....(copy enclosed)

Further certified that the investment of company in Plant & Machinery as on 31<sup>st</sup> March ..... is Rs.....Lacs i.e. below Rs.25 Lacs / 5 Crores as permissible for Micro / Small unit respectively under MSMED ACT 2006. Hence the company is under category of Micro/Small(strike off whichever is not applicable) unit for the financial year .....

It is further certified that cumulative investment in Plant & Machinery during ..... ( 01/04/..... - till date ) is below the permissible limit of Rs.25 lacs / 5 Crores for Micro / Small unit respectively and Company is under the category of .....unit as on date i.e. 31/03/.....

The Directors of the company have been instructed to intimate their clients in case of change of investments in Plant & Machinery, if any, in future with proper supporting documents.

This Certificate is **VALID FOR ONE YEAR ONLY** from the date of issue subject to the above referred instruction with reference to **"Change of Investments"**

for .....

Chartered Accountants

Name:

Membership Number:

Full address

Place:

Date:



BHEL/RPT/MOU/FRP JB/REV 01 DT 17.07.2015

**ANNEXURE 'E'- TYPICAL UNPRICED BID FOR MOU**

Supplier ref:XX/XXX

Dt:

**Unpriced/PriceBid** (Strike out where ever not applicable) for the enquiry xxxxx dt xxxxx

| Enquiry sl.no | MOU sl.no | Enquiry Description | Enquiry Quantity | Destination | Basic rate quoted * per number (FOR Price) |
|---------------|-----------|---------------------|------------------|-------------|--------------------------------------------|
|               |           |                     |                  |             |                                            |
|               |           |                     |                  |             |                                            |
|               |           |                     |                  |             |                                            |
|               |           |                     |                  |             |                                            |

\*In un priced bid put 'Yes/No' to know if quoted or not. For priced bid the amount should be indicated. As per MOU Freight and Insurance is included in basic price.

- (a) Excise duty \_\_\_\_\_
- (b) Sales Tax \_\_\_\_\_ (VAT and CST should be clearly indicated)
- (c) Delivery \_\_\_\_\_ (Should be indicated clearly as lot quantity per month from the date of receipt of Drawing approval/manufacturing clearance)

Remaining terms and conditions will be as per enquiry xxxxx dt xxxxx and MOU BHEL/RPT/MOU/FRP JB /REV 01 DT 17.07.2015

Signature of the vendor with seal

Essential Commercial Terms and Conditions (To be filled in full and to be submitted along with offer)

| DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | BHEL Requirement                                                                                                                                                           | Suppliers Confirmation |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| PRICE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Firm till completion of order.                                                                                                                                             |                        |
| DELIVERY TERMS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | F.O.R. DESTINATION (BHEL Stores Ranipet)                                                                                                                                   |                        |
| PACKING & FORWARDING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | To be included. (if extra indicate in %)                                                                                                                                   |                        |
| FREIGHT & INSURANCE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | To be included. (if extra indicate in %)                                                                                                                                   |                        |
| EXCISE DUTY in %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | To be indicated by supplier. (CENVAT copy to be provided along with supply)                                                                                                |                        |
| SALES TAX in %                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | To be indicated by supplier. (Concessional form C / XVII will be given)                                                                                                    |                        |
| OCTROI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | If any, to supplier's account only.                                                                                                                                        |                        |
| PAYMENT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 100% within 90 days of receipt & acceptance of material at our end for Non MSE vendors and for MSE vendors 100% in 45 days of receipt & acceptance of material at our end. |                        |
| DELIVERY PERIOD                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | To be indicated by supplier .                                                                                                                                              |                        |
| L.D.CLAUSE: As indicated in Enquiry (as per IMPORTANT NOTE)@0.5% per week, max of 10 % for the delayed delivery.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                            |                        |
| OFFER VALIDITY                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Minimum 90 days from the date of price bid opening /Reverse Auction                                                                                                        |                        |
| INSPECTION BEFORE DESPATCH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Will be done at vendor's Works before Dispatch by BHEL / BHEL's Authorized Inspection Agency / BHEL's customer                                                             |                        |
| TEST CERTIFICATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Required                                                                                                                                                                   |                        |
| <b>Risk Purchase clause:</b> Your confirmation to our standard risk purchase clause that alternatively the Purchaser at his option will be entitled the contract and to purchase elsewhere at the risk and cost of the seller either the whole of the goods or any part which the supplier has failed to deliver or dispatch within the time stipulated as aforesaid or if the same were not available, the best and the nearest available substitute there for. The supplier shall be liable for any loss which the purchaser may sustain by reason of such risk purchases in addition to penalty at the rate mentioned in clause 10 above. |                                                                                                                                                                            |                        |
| <b>BHEL Standard Guarantee Clause:</b> Your confirmation to our standard Guarantee clause that the materials are to be guaranteed for satisfactory performance for a period of twelve months from the date of commissioning / putting into use (or) eighteen months from the dispatch which ever is earlier and if any defect is noticed during the above period, the same shall be rectified/replaced free of cost on Ranipet/ Destination basis within a reasonable time. To this effect a Guarantee certificate should be sent along with the dispatch documents in the event an order                                                    |                                                                                                                                                                            |                        |
| <b>MSE Status: Notarised MSE copy + CA certificate to be enclosed to avail the benefits of MSE vendors.</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                            |                        |

NOTE : 1.The above format shall be completely filled and deviation if any shall be clearly spelt out. Incase of any difference in commercial terms accepted here and in any other part of offer the Terms and conditions advantageous to BHEL only will be considered.  
2.Non Acceptance of BHEL commercial terms and conditions will attract loading of offer to arrive ranking

Date:

Name &amp; designation of the seller

**REQUIREMENT OF TECHNICAL DETAILS /CONFIRMATION**  
**(To be filled in full and to be submitted along with offer)**

| S.NO | DESCRIPTION                                       | BHEL'S REQUIREMENT                                                                                                               | SUPPLIER'S COMMENTS |
|------|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------|---------------------|
| 01   | SPECIFICATION                                     | Clause wise / Point wise confirmation to be given in TOTO for all specifications & to be submitted along with offer.             |                     |
| 02   | DATA SHEET / DRGS                                 | Filled Data Sheet and vendor's Drawings are to be submitted along with offer. ( if applicable ).                                 |                     |
| 03   | QUALITY PLAN                                      | To confirm applicable QP will be followed. (OR)<br>Your Quality Plan to be submitted for our review & approval along with offer. |                     |
| 04   | SPECIFICATION DEVIATION DISPOSITION REPORT (SDDR) | Attached SDDR to be filled & submit along with offer. (Even NO deviation is taken, NIL report to be submitted).                  |                     |

**( To be submitted along with the offer )**

| SPECIFICATION DEVIATION DISPOSITION REPORT                 |        |                                  |                     |
|------------------------------------------------------------|--------|----------------------------------|---------------------|
| Specn                                                      |        |                                  | Item                |
| Enq.No & Date                                              |        |                                  |                     |
| Vendor Name                                                |        |                                  |                     |
| SPECN                                                      |        |                                  |                     |
| Page                                                       | Clause | Details Of Deviation With Reason | Disposition By Bhel |
|                                                            |        |                                  |                     |
| Signature Of Vendor                                        |        |                                  | Reviewed By         |
| " AGREED DEVIATION "                                       |        |                                  | APPROVED BY         |
| if any to be incorporated in the PO in the event of order. |        |                                  |                     |

Date:

SIGNATURE WITH SEAL