

**BHARAT HEAVY ELECTRICALS LIMITED**

**TIRUCHIRAPPALLI**



**OUTSOURCING**

**OUTSOURCING WITH BHEL MATERIAL (OSB)**

**NIT: 2022OSB041**

**TENDER ENQUIRY FOR OUTSOURCING  
“Fabrication & supply of Heat Flux  
Sensor assembly with BHEL’s materials  
(OSB model)” AS PER BHEL’S  
DRAWINGS, BHEL QUALITY WORK  
INSTRUCTIONS, PAINTING SCHEME  
AND TECHNICAL SPECIFICATIONS AND  
TRANSPORTATION OF FINISHED GOODS  
TO BHEL/TRICHY/SHIPPING**



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**LIST OF ABBREVIATIONS USED IN TECHNO COMMERCIAL BID AND THEIR DESCRIPTION:**

<b>S.NO</b>	<b>ABBREVIATION</b>	<b>DESCRIPTION</b>
1	AS	Alloy Steel
2	CS	Carbon Steel
3	UB	Universal Beam
4	RS	Rate Schedule
5	PGMA	Product Group Main Assembly
6	DC	Delivery Challan
7	DR	Dimension Report
8	IR	Inspection Report
9	NS	Nature of Supply
10	DU	Despatch-able Unit
11	MPI	Magnetic Particle Inspection
12	LPI	Liquid Penetrant Inspection
13	FMAS	Final Material Accounting Statement
14	PMAS	Provisional Matl. Accounting Statement
15	QP	Quality Plan
16	GMS	Group Manufacturing Specifications
17	QCP	Quality Control Procedure
18	QWI	Quality Work Instructions
19	SRV / GR	Stores Receipt Voucher / Goods Receipt
20	IAWTV	Inter Ancillary Work Transfer Voucher
21	RSV	Return Stores Voucher
22	IAMTV	Inter Ancillary Material Transfer Voucher
23	DTS	Direct To Site
24	FRS	Fabrication Rate Schedule
25	PRS	Painting Rate Schedule
26	SRS	Shot Blasting Rate Schedule
27	SCM	Subcontracting-Machining
28	PMD	Product Material Directory



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**SECTION I**  
**TECHNO-COMMERCIAL TERMS & CONDITIONS**

**1.0 INTRODUCTION**

**1.1** Outsourcing / BHEL Tiruchirappalli invites offers from subcontractors for **Fabrication of Heat Flux Sensor assembly** out of materials / components issued by BHEL and as per BHEL's drawings, BHEL Quality Work Instructions, Painting Scheme and Technical Specifications.

**1.2** This is a two-part bid E-tender consisting of Techno Commercial bid and Price bid.

**2.0 SCOPE OF WORK BY SUB-CONTRACTOR**

**2.1** Collection of Raw Materials from Stores/BHEL/Trichy.

**2.2** Fabrication of components as per BHEL drawings and as per the approved quality plans, quality work instructions and paint scheme.

**2.3** Any special processes like Heat Treatment or NDT processes like UT, RT as called for in POs/Drawings/QPs/QWIs, wherever necessary, shall be carried out through BHEL approved vendors only.

**2.4** Vendors have to establish WPS (if WPS is not available with the vendor). Material for the same, if required by the vendor, will be issued by BHEL on a cost-recovery basis.

**2.5** Offering the components to Authorized Inspection Agency (AIA) / BHEL-QC (OLI) / customer, as per applicable QP, for inspection along with necessary supporting documents.

**2.6** The finished items are to be **BHEL / Trichy / Shipping.**

**2.7** All paints including special paints, thinners and consumables are in the subcontractor's scope. All necessary packing wood / materials, bubble paper/plastic sheets etc. is in Subcontractor's scope.

**2.8** Subcontractors should ensure sufficient Wooden Logs/Reapers are placed between jobs and between jobs and trailer. Proper lashing of Jobs is to be done avoiding direct contact between the lashing chain and jobs.

**2.9** Return of any balance material to applicable Stores/BHEL/Trichy immediately after cutting plan approval.

**2.10** Rectification of raw materials such as straightening etc., if any, as applicable.

**2.11** Safe handling and transportation of the semi-finished / finished components is essential, and the subcontractor shall ensure the same. In case of any damages or if the product is found to have any rectifications, the same shall be attended to by the subcontractor and shall make good of the component. All expenditures, whatsoever, will be to the account of the subcontractor.

**2.12** The jobs given to the subcontractor for blast cleaning and painting shall be handled with



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adequate safety and care. In case, the job has been damaged due to non-adherence to safety precautions, such cases will entail recovery of the cost of Prime Material supplied by BHEL along with other incidental charges.

**2.13** After final clearance by BHEL/QC/OLI or TPI, jobs shall be handed over to **BHEL / Trichy / Shipping** with DC & IR documents.

**2.14** No extra transport charges shall be allowed for multiple collections and dispatches. In case of transfer of items from one Subcontractor to another Subcontractor through IAMTV, the responsibility for collection of material shall rest with second Subcontractor who shall dispatch the finished goods. After handing over to BHEL-Trichy /Shipping, any rework / touch up of peeled area, if required, shall be done by the subcontractor at BHEL Shipping without any extra cost.

### **3.0 QUANTITY**

**3.1** Rate Schedule wise quantity details covered in this NIT is given below:

SL NO	RS	RS Description	Qty (Nos.)	Wt. (KG)	Rate to be quoted in (UoM)
1	RS01	HEAT FLUX SENSOR ASSEMBLY	120	1,130	Rs. per No.

### **4.0 RATE SCHEDULES**

**4.1** Rate schedules above relates to a group of PGMA's consisting of similar nature and content of work.

**4.2** Purchase Order (PO) shall be placed on subcontractors by way of Rate Schedule (RS) identified based on the painting schemes as per above table.

### **5.0 RATES**

**5.1** The Subcontractors shall consider their scope of work as given in this NIT while submitting their offer. Price shall be quoted in the price bid format given in EPS portal.

**5.2** The subcontractor shall submit an **all-inclusive quote on Rs. per NO.** basis as **NO extra charges** are applicable. (**GST shall be paid extra**).

### **6.0 ELIGIBILITY TO QUOTE IN A RATE SCHEDULE**

**6.1** Vendors have to be technically qualified as per Annexure A Including Financial soundness (Annexure B).

**6.2** Financially, in general, the fabricator shall have 'Access to, or possess available liquid assets and other financial means sufficient to meet the fabrication cash flow and Bank Guarantee (BG) requirements for the jobs'.

#### **Following documents have to be submitted as given in Annexure B:**

- Copy of Factory Incorporation Certificate.
- Audited copies of annual reports (Balance Sheet and P&L account with CA membership number) for the last three years or from date of incorporation, whichever is earlier.
- Latest IT Return copies for the last 3 years or from date of incorporation, whichever is earlier.
- Solvency Certificate from Bank (with Banker's seal and Authorized signature with Name and contact details) shall be submitted along with their offer for Credit Limit for a minimum value as given below:

Solvency Certificate for Credit Limit shall be for 50% of material value for rate as tabulated below.



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RS	RS Description	Qty (NOs)	Wt (KG)	Material Value (Rs Lakhs)	L1 Load	Solvency value (50% of material value for L1 Qty) in Rs. in Lakhs
RS01	HEAT FLUX SENSOR ASSEMBLY	120	1,130	8.00	100%	4.00

- The Certificate submitted along with their offer should be within 3 months from the date of Part I Opening of this tender.
- List of Consortium Banks from whom participating Vendors can obtain the required certificate is given as per Section Va.

**6.3** Vendor may kindly note that due to any of the following reason(s) bid submitted by Vendor may be rejected:

- Vendors who have been put under Interim Suspension/Hold/Ban by BHEL.
- The vendors who are under the process of BHEL approval for their constitution change /change of location etc. and vendors who are found to be not functioning at the registered premises.

**7.0** **VALIDITY OF OFFER**

**7.1** The offer submitted by subcontractor shall be valid up to **3 months** for finalization of contract from the date of tender opening.

**8.0** **VALIDITY OF FRAMEWORK AGREEMENT**

Framework Agreement shall be entered into with eligible Vendor(s). The contract thus signed shall be valid for ordering up to **15.06.2023**. Hence, offer of Lowest bidder as well as acceptance of Counter offered rate shall be valid for ordering till Validity of Rate contract. Moreover, validity of contract is subject to further extension with mutual consent. PO(s) placed under this contract shall be governed by the T&C's of this tender till the completion of PO.

**9.0** **FIRM PRICE**

**9.1** The quoted / finalized rates shall be firm till the validity of the contract finalized based on this tender or execution of the supplies, whichever is later. Conditional offers shall be rejected.

**9.2** Any other work not covered, but incidental to the completion of job till handing over to BHEL, shall be deemed to be part of the quote.

**10.0** **TRANSPORTATION CHARGES**

**10.1** The rates finalized against each schedule shall include cost of collection & transportation of raw materials from Stores/BHEL/Trichy and return of finished products to BHEL / Trichy / Shipping.

**10.2** No extra transportation charges shall be allowed for multiple collections and dispatches.

**10.3** In case of transfer of raw-material / semi-finished items / finished components from one Subcontractor to another Subcontractor through IAMTV, the responsibility for collection of materials including the cost of transportation and handling etc. shall rest with second Subcontractor who shall dispatch the finished goods.



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**11.0 EVALUATION OF QUOTED PRICE**

**11.1** Evaluation currency shall be **INR**.

**11.2** Price quoted by subcontractor in tender enquiry will be evaluated on "Landed cost to BHEL" basis as per the following formula:

***Landed cost = Total cost (Based on Quoted price for Scope of Work) + Applicable Taxes net of ITC (GST-ITC)***

***Note: Rate shall be quoted in Rs. per UoM for the scope of work as per terms & conditions as per Section I.***

***Quoted rates shall be exclusive of GST.***

**11.3** Subcontractor quoting the lowest rates for the Rate Schedule as per the above formula will be declared as the lowest bidder for that particular rate schedule. (Note: Quoted rate shall be exclusive of GST).

**11.4** Sub-contractor is advised not to quote '0' (zero) against any rate schedule. Zero quoted as a rate will not be considered as a valid quote and the same shall be ignored. Suppliers who do not wish to quote for any particular rate schedule are advised to leave the space blank for that particular rate schedule in the price bid.

**11.5** The applicable unit of measurement shall be given in the price bid format and subcontractor shall quote the rate(s) with reference to the Unit of Measurement (UoM). (i.e. Rs. per UoM). Subcontractor is requested to exercise utmost caution to take care of UoM while quoting the rate(s).

**12.0 REVERSE AUCTION**

**12.1** BHEL shall be resorting to Reverse Auction (RA) (Guidelines as available on [www.bhel.com](http://www.bhel.com)) for this tender. RA shall be conducted among the techno- commercially qualified bidders. Price bids of all techno-commercially qualified bidders shall be opened and same shall be considered for RA. In case any bidder(s) do(es) not participate in online Reverse Auction, their sealed envelope price bid along with applicable loading, if any, shall be considered for ranking.

**12.2** After completion of RA, price per UOM quoted by the bidders in RA and in E Procurement Portal shall be consolidated. Lowest of the price quoted by a subcontractor for each RS shall be considered. Prices thus consolidated shall be sorted in ascending from lowest to highest price for each RS.

**12.3** For each RS, subcontractor with the lowest rate per UOM shall be declared as L1 subcontractor for that RS. Bid with the next highest evaluated cost shall be ranked L2, and the next be L3, and so on.



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- 12.4** In case of tie in the lowest bidder (L1 bidder) in a tender enquiry, revised reduced price offer (price offer after discount) will be obtained from the tied L1 subcontractors. In case tie persists even after submission of revised prices by the respective subcontractors, the final L1 subcontractor shall be decided by tie-breaking through lot system (manual/electronic) in the presence of the respective L1 bidder(s) or their representative(s). In case any tied L1 subcontractor do not submit revised offer or submits increased price in revised offer for tie breaking, then original quoted rate shall be considered for further evaluation. The final ranking will be done accordingly. BHEL's decision in such situations shall be final and binding.
- 12.5** BHEL reserves right to re-float or short close one or more rate schedules or cancel the tender if L1 rate(s) is/are not acceptable or due to any other reasons.

**13.0 DISTRIBUTION OF LOAD**

SL NO	RS	RS Description	Qty (NOs)	Wt. (KG)	UOM	Load Distribution
1	RS01	HEAT FLUX SENSOR ASSEMBLY	120	1,130	Per NO	L01: 100%

- 13.1** PO(s) shall be placed subject to availability of potential with BHEL. However, BHEL does not guarantee ordering of any minimum quantity for any firm and BHEL reserves the right to short-close the quantum indicated against a RS.
- 13.2** Firm who is declared as L1 subcontractor or firm who accepts Counter Offer for a particular RS shall mandatorily undertake the job awarded against such RS. In case the firm does not accept to execute the job, action shall be initiated against the firm as per BHEL guidelines for suspension of business dealings with supplier/contractor and also as per Clause 23.10 to 23.18 of Section I of this NIT.
- 13.3** In case a subcontractor fails to execute PO(s) placed after accepting to execute a quantum of load for a RS, action shall be initiated against the Firm as per BHEL guidelines for suspension of business dealings with supplier/contractor and also as per Clause 23.10 to 23.18.
- 13.4** In case project requirement quantum is such that after loading to Vendors as per Tender Terms balance quantum could not be loaded immediately on existing Vendors due to their capacity constraints/not willing to take further load immediately then the balance quantum shall be offered to other eligible Vendors. Orders shall be placed based on acceptance and tender ranking.
- 13.5** In case of Non-Execution by a subcontractor, the quantum not executed by the defaulting subcontractor will be offered to eligible subcontractors in order of their tender rank (starting from lowest eligible subcontractor to other eligible subcontractors in order of their tender rank) in the respective rate schedule(s).
- 13.6** Accordingly, the liability of a subcontractor (L1 subcontractor as well as counter offer accepted subcontractor) w.r.to risk purchase shall be up to the minimum load + quantity accepted by the subcontractor or the minimum load whichever is more. In case a subcontractor fails to execute PO(s) placed after accepting to execute a quantum of load for a RS, action shall be initiated against the firm as per BHEL guidelines for suspension of business dealings with supplier/contractor and also as per Clause 23.10 to 23.18 of Section I of this NIT.
- 13.7** After P.O. placement, in case the subcontractor fails /refuses to execute the above quantum given for a subcontractor as per Contract / PO terms, BHEL shall take alternate action for procurement of the item at the risk and cost of the default subcontractor with notice to the subcontractor. The additional expenditure / difference in cost, if any, including consequential cost shall be recovered from the defaulted subcontractor.



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- 13.8** Subcontractors having multiple Vendor code with same PAN shall be treated as a single firm. Among the vendor codes available with a subcontractor against same PAN, one vendor code shall be designated as "main vendor code" and other vendor code(s) as "partner vendor code(s)".
- 13.9** Single offer shall be obtained from the "main vendor code" of a Firm by combining the applicable product group eligibility of both main vendor code and partner vendor code(s) corresponding to the PAN of the firm. Loading for a Rate Schedule (RS) shall be done as per respective vendor code's eligibility as per BHEL's PMD. However, for the purpose of arriving at loading % given to a subcontractor, load given to all vendor codes corresponding to the particular PAN shall be cumulated.
- 14.0 ORDERING**
- 14.1** Purchase orders shall be placed on the eligible subcontractors after contract finalization.
- 14.2** PO(s) shall be placed subject to availability of potential with BHEL. However, BHEL does not guarantee ordering of any minimum quantity for any firm and BHEL reserves the right to short-close the quantum indicated against a RS.
- 14.3** Subcontractor is cautioned that, in case, after price bid opening but before placement of order, subcontractor withdraws his/her offer or varies it in any manner within the validity period, then suitable action as per extant Guidelines for Suspension of Business Dealings with Suppliers/Contractors may be taken. An abridged version of above said guidelines are available on BHEL's website: <https://www.bhel.com/supplier-registration>.
- 14.4** The Subcontractor shall undertake all jobs awarded to them and execute them to the satisfaction of BHEL. Failure to comply with this requirement shall be dealt in line with latest revision of BHEL's Guidelines for Suspension of Business Dealings with Suppliers/Contractors.
- 14.5** In case it is found later at any stage after placement of P.O. on a Subcontractor that facilities required for the job are not available in working condition at Subcontractor's works, BHEL has the right to withdraw the order without compensation of any kind of loss to Subcontractor due to such withdrawal of orders. Action on default subcontractors shall be taken by BHEL as per Clause 23.10 to 23.18 and/or BHEL's Guidelines for Suspension of Business Dealings with Suppliers/Contractors.
- 15.0 DELIVERY TERMS**
- 15.1** The delivery period for each PO line item shall be fixed based on any one of the following, whichever is later.
- **90 days** from P.O date (or)
  - **90 days** from the last material clearance date of the Original MIVs whichever is later.
  - **1 month** from further material clearance date, provided the further MIV is generated within one month from corresponding original MIV clearance date for each PO Item.
- 15.2** The delivery period includes time involved in material collection from Stores/BHEL/Trichy Processing the Job, and handing over of finished goods to BHEL/Trichy.
- 15.3** Finished goods shall be **delivered at BHEL/Trichy/Shipping**.
- 15.4** The delivery challan (DC) accompanying the finished / semi-finished fabrications is to be acknowledged by BHEL as proof of receipt for Payment & Billing.



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**15.5** The Subcontractor shall undertake all jobs awarded to them and execute them to the satisfaction of BHEL. Failure to comply with this requirement shall be dealt in line with latest revision of BHEL Guidelines for Suspension of Business Dealings with Suppliers/Contractors.

**16.0 RAW MATERIAL ISSUE AND ACCOUNTAL**

**16.1** The subcontractor shall ensure completion of purchase orders in all respects including Material Accounting within 365 days from the date of issue of the first material from Stores/BHEL/Trichy. This is a statutory requirement and must be strictly complied with. In case PO could not be completed within 365 days from the date of first issue of raw material due to subcontractor's default, the amount payable by BHEL to Government (i.e. GST @ 18% of input material value + applicable interest for 365 days) will be recovered from the subcontractor as penalty. The recovery/ penalty will be calculated separately for each material gate pass wherever the period crosses 365 days under a purchase order/ contract.

**16.2** The weights of P.O. items as per GMS shall be the basis for accounting of the raw materials issued. The raw materials shall be issued with a process allowance of 3% for Sheets and 4% for Plates. This includes an invisible wastage of 2% for Sheets and Plates.

**16.3** For Structural items such as beam, channel, angle, UC, UB, rods, pipes etc., 1% is allowed towards process allowance; this includes invisible wastage.

**16.4** Cleared material(s) shall be collected by the subcontractor immediately without any delay. In case of delay in material clearance/issue, subcontractors shall approach BHEL for suitable action.

**16.5 SCRAP & OFFCUT NORMS:** Scrap and Off-cut materials are categorized based on the material size after utilization of prime material (i.e. material issued by BHEL) for fabrication job. The size details for designating a material as scrap or off-cut is as given below:

Sl. No	Description	Scrap Size (in mm)	Offcut (in mm)
01	CS/AS Sheets & Plates	Below 500 x 250	500 x 250 & above
02	Rolled sections, Rod, angles etc. (other than tubes, pipes)	Below 1000	1000 & above
03	Tubes and pipes	Below 500	500 & above
04	Universal Column	Below 1000	1000 & above
05	SS Sheets & Plates	Below 500 x 250	500 x 250 & above
06	SS Structural, Rods, Tubes, Pipes	Below 250	250 & above
07	Non - ferrous: sheet & plate, rods & tubes	Below 500 x 250 (S & PL), Below 250 (Rods & Tubes)	500 x 250 & above, 250 & above
08	Big size Scrap applicable only for CS & AS (sheets & Plates)	(2500 & above) x (150 to 249)	-



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- 16.6** All balance materials (off cut) are to be returned to Stores / BHEL, Trichy at Subcontractor's cost.
- 16.7** Scraps including that of Stainless Steel shall not be returned to BHEL.
- 16.8** Recovery of the cost of the scrap along with GST and other statutory levies, if any, shall be made from the sub-contractor.
- 16.9 SCRAP RECOVERY RATES:** The rate(s) for recovery on account of scrap material is as per **Section I C**. Scrap rates shall be valid and remain fixed for all PO(s) placed after finalization of contract.
- 16.10** Wherever attested materials are issued, the balance materials are to be returned in the attested condition only.
- 16.11** The material rejected as PDO (Part Disposition Order) due to faulty workmanship of Subcontractor shall entail recovery of the cost of prime material as in Clause 18.19 below. In addition, conversion and service charges shall also be recovered in case of part-processed item.
- 16.12** The material rejected as PDO due to reasons other than faulty workmanship of Subcontractor shall be returned to BHEL Stores, failing which recovery shall be made as per Clause 18.19.
- 16.13** The Subcontractor should properly utilize materials issued by BHEL/Tiruchirappalli as per the drawings/QWIs/PO in order to meet design and quality requirements of the product.
- 16.14** CUTTING PLAN: After material issue, the Subcontractor should submit cutting plan through VIS within 15 days from the date of material issue. Subcontractor should submit cutting plan along with layout and joint details (if applicable) before GR for all the materials issued.
- 16.15** However, in working out such economic cutting plans, it is to be ensured that the details as prescribed in each QWIs are adhered to. After the approval of the cutting plans, any balance material available from the issues made either in original or in supplementary shall be returned to Stores/BHEL/Trichy at Subcontractor's cost. The cutting plans as approved by OS/BHEL shall be kept at Subcontractor's premises for a minimum period of 3 years from date of cutting plan approval. They should be made available whenever required by BHEL officials or representatives of BHEL. It should be ensured that the jobs are fabricated and welds are made as per the layout of approved cutting plans.
- 16.16** Whenever fabrication is done without proper approved cutting plans, the excess issue over and above the net weight shall attract recovery as prime material as per Clause 18.19.
- 16.17** Any clarification in the approved cutting plan should be sought by the Subcontractor before processing of the raw material. For any approved cutting plans, if the corresponding item is undergoing changes in GMS, drawing or net weight of purchase order, Subcontractor should not proceed with processing the material without appropriate revision being done to the approved cutting plan.
- 16.18** In case joint is specified in the approved cutting plan by BHEL, necessary quality requirements such as WPS should be adhered to by the Subcontractor.
- 16.19** Failure to return the prime / offcut material / material rejected as PDO shall entail recovery of the value of material as fixed by BHEL from time to time which is inclusive of departmental/financing charges, etc. In addition, statutory taxes, duties and levies as applicable shall also be recovered.
- 16.20** Normally, all the indirect materials falling within the scope of the fabricator for doing the job is to be taken care of by the fabricator themselves.



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- 16.21** For the purpose of material accountability after the completion of a particular purchase order in total, BHEL shall generate a provisional MAS (PMAS) next day and the same shall be intimated to the subcontractor through B2B. Any discrepancy such as weight mismatch, DU correction, variation in off-cut and scrap quantum as indicated in the PMAS, IAMTV regularization, RSV return, etc., should be reconciled / settled with the concerned sections of Outsourcing with necessary proof of documents within 15 days from the date of completion of purchase order. If reconciliation is not done within 15 days, it shall be deemed that PMAS is correct in all respects. On 18th day from PO completion, FMAS shall be raised. Recovery shall be posted on 25th day from the date of PO completion. Once FMAS is generated, no correction shall be entertained. FMAS shall be displayed to the subcontractor in B2B portal, and no issue of hard copies of PMAS & FMAS shall be made available.
- 16.22** Recovery towards unreturned balance material as per FMAS shall be done as per BHEL norms along with applicable statutory levies from the Subcontractor. Hence, any correction after the generation of the FMAS shall not be entertained. After the issue of FMAS, the purchase order shall be treated as closed in all respects; therefore, requests toward refund of recovery shall not be entertained.
- 16.23** The Subcontractor shall be responsible for prompt material accounting. Repeated occurrence of inordinate delay in returning and settling the material accounts shall entitle BHEL the right to terminate the contract forthwith or to impose a temporary suspension on further loading at the discretion of BHEL.

***Custody of materials issued by BHEL to Subcontractor:***

- i. The raw materials / components issued to the Subcontractor in connection with the contract shall remain the property of BHEL, Tiruchirappalli. The Subcontractor shall use the above materials / components only for the execution of BHEL's POs for which the materials have been issued, and for no other purpose whatsoever. The Subcontractor shall be responsible for the full value thereof to be assessed by BHEL, Tiruchirappalli whose decision shall be binding on the Subcontractor.
- ii. The Subcontractor shall be liable for the loss or damage to such property from whatever the cause may be while such property is in the possession or under the control of the Subcontractor, their employees, workmen or agents or any other person connected with the Subcontractor. **All the materials of BHEL, Tiruchirappalli shall under no circumstance be sold/hypothecated to any bank or to any lending institution or to any party whomsoever.** Such materials should not be shown as the Subcontractor's assets in any of the statements of the Subcontractor to any party.
- iii. The Subcontractor shall produce the materials supplied by BHEL, Tiruchirappalli in the form of raw material, semi-finished boiler components to BHEL officials visiting the Subcontractor's unit for verification purposes.
- iv. Inventory statement has to be submitted every month by the Subcontractor for the materials issued. If the Subcontractor fails to produce or properly account the materials so issued, BHEL, Tiruchirappalli shall have the right to take further action as deemed fit including recovery of the value of the materials along with the respective administrative charges and statutory levies from the running bills of the Subcontractor and/or temporary suspension of load and/or termination of contract and/or de-listing to initiate action against the firm as per BHEL guidelines for suspension of business dealings with supplier/contractor and also as per Clause 22.10 to 22.19 of Section I of this NIT.



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- v. Any act of Subcontractor resulting in dishonest misappropriation or conversion of the materials / components so issued for his own use shall constitute the offence of Civil / Criminal Breach of Trust under Indian Penal Code and/or such other offences under any other provisions of law and the Contractee (BHEL) shall have every right to proceed against the Subcontractor under Civil/Criminal Law in order to ensure proper punishment to such perpetrator(s) for the said offence(s). In such cases, BHEL shall take all necessary steps to recover the material available with those firms.
- vi. Wherever availability of material / components becomes critical for certain work orders, BHEL, Tiruchirappalli shall transfer the balance material available with the Subcontractor from one Subcontractor to the other. For this, necessary credit shall be given during material accounting. The material transfer request emanating from BHEL, Tiruchirappalli is to be honored immediately or otherwise, recovery shall be made at the prime material cost + other charges. Any difficulty for effecting such transfer shall be brought to the knowledge of BHEL officials immediately.
- vii. Based on prior approval of BHEL, firms shall make their own arrangement for raw material, sub delivery and consumables to value limited to Rs 10,000 for each PO in case the same is not available for issue from BHEL stores depending on dispatch criticality. BHEL / QC shall clear the use of such materials based on TC / test reports, where necessary.

**16.24** The materials/components rejected as PDO (Part Disposition Order) due to faulty workmanship of Subcontractor shall entail recovery of the cost of prime material as in Clause 18.19.

**16.25** The material rejected as PDO due to reasons other than faulty workmanship of Subcontractor shall be returned to BHEL Stores, failing which recovery shall be made as per Clause 18.19.

**17.0 TECHNICAL REQUIREMENTS**

**17.1** The fabrications shall strictly conform to dimensions and tolerances indicated in the drawings. Care must be taken to strictly adhere to the 'NOTE' given in the drawings. Subcontractor must ensure that correct dimensions and deviations, if any, are recorded properly in the D.R. books, and the same shall be made available to BHEL officials or their authorized agencies.

**17.2** Welding electrodes shall be sourced only from the approved sources of BHEL. List of approved sources is as per **Section – VII**.

**17.3** Normal packing shall be made by the Subcontractor to avoid any transit damages. The quoted rate shall be inclusive of this packing.

**17.4** Any other work carried out other than the requirements of drawings/QWIs shall have the prior written approval of BHEL, Tiruchirappalli.

**17.5** Adequate facilities like welding equipments, baking oven, handling facilities and measuring instruments duly calibrated as called for by BHEL must be available with the Subcontractor for the manufacture/fabrication of boiler components. All the above basic fabrication equipment must be in working condition, and the same shall be made available for verification by BHEL officials or authorized agents of BHEL.

**17.6 GAUGES:**

**17.7** The instruments/gauges are to be calibrated periodically as follows:

SL. No.	Type	Periodicity
01	Measuring instruments/gauges	One Year
02	Limit gauges (E.g. Plug/ring)	One Year
03	Temperature, pressure gauges	6 Months
04	Measuring steel tapes	Once



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- 17.8** The calibration status shall be displayed at the Subcontractors works in a conspicuous location. Calibration can be performed at either BHEL or at any NABL/Govt. approved labs, traceable to national standards.
- 17.9** RECOVERY FOR DAMAGED GAUGES: In case the Subcontractor has damaged or lost the gauges issued to them by BHEL, recovery shall be made for twice the cost of the respective item(s) from the Subcontractor's bill or Bank Guarantee. The Subcontractor shall hand over the damaged gauge to BHEL.
- 17.10** For various rates schedules, manufacturing, handling and testing facilities' requirement as specified by BHEL from time to time shall be available with the Subcontractor.

**18.0 INSPECTION**

- 18.1** Inspection of fabrications shall be by BHEL Quality Control Department and/or by BHEL's customers and/or by an agency or person(s) authorized by BHEL (BHEL officials/customers/representatives/authorized agents) at the Subcontractor's works. All facilities and equipments, calibrated instruments and standard gauges required for inspection shall be provided by the Subcontractor at their own cost.
- 18.2** BHEL officials/customers/representatives/authorized agents shall have free access to the Subcontractor's works at any time during the execution of the orders as well as for verification of requisite documents/materials.
- 18.3** The semi-finished components shall be deemed as accepted and ready for delivery only after IR is raised by the Inspector/agency.
- 18.4** Cost incurred by the Subcontractor for specimen preparation of production test coupon carried out at authorized agency as requested by BHEL, Tiruchirappalli shall not be reimbursed by BHEL.
- 18.5** The quality of paints used by Subcontractor shall be checked by BHEL Trichy at regular intervals. Samples shall be collected from Subcontractor works and tested at BHEL to ensure quality as per relevant standards/documents. In case discrepancies with respect to BHEL's specification are noted, the job may be rejected, and appropriate action against the Subcontractor shall be initiated as per latest revision of BHEL Guidelines for Suspension of Business Dealings with Suppliers/Contractors.
- 18.6** Acceptance of the product after inspection makes the Subcontractor eligible for payment. However, such acceptance after inspection by BHEL / AIA does not absolve the responsibility of the Subcontractor in ensuring the quality / performance of their product, even after the warranty period.
- 18.7** Quality documents such as dimension report, material TC, etc., against the PO placed shall be uploaded by the Subcontractor in B2B portal.
- 18.8** BHEL representative from unit or CQ (Corporate Quality) is authorized to carry out audits along with Third Party Inspection Agency (if any) at vendor's works before clearing the items for dispatch.

**19.0 PAYMENT**

- 19.1** BILLS & PAYMENTS: 100% payment shall be made against invoices (to be submitted in DUPLICATE to OS/BHEL/Trichy) supported by IR(s) duly endorsed by BHEL Inspector / BHEL's Authorized Inspection Agency and DC acknowledged by Stores/BHEL/Trichy or Shipping/BHEL/Trichy or IAMTV.
- 19.2** Amendment(s), if any, to a PO are being issued to sub-contractor by Planning/OS/BHEL. Subcontractor shall attach a copy of amendment(s) with the invoices for processing of invoices.



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**19.3** Payment would be made within **90 days** from invoice submission date, after GR, subject to submission of invoice along with full set of proper supporting documents by the subcontractor at Outsourcing. GST shall be paid extra at the prevailing rate. TDS on GST is applicable as per prevailing norms of GST Act.

**19.4** For **Micro and Small Enterprises (MSEs)**, payment shall be made within **45 days**. For **Medium Enterprises**, Payment shall be made within **60 days**.

**19.5** *Number of bills and value limit for each bill are tabulated below:*

PO Value in Rs.	Maximum No. of Bills per PO	Remarks
<= 2 Lakhs	1	After full PO Completion.
> 2 Lakhs	Multiple	One bill for value of every Two Lakhs or above

**19.6** The bills shall be made only after completion of entire quantity of PO line item in full (i.e. completion of one full DU) as mentioned above. Bills for partial dispatches of a PO line item (DU) shall not be accepted. However, last bill of a PO can be raised irrespective of any limitation on bill value. Moreover, payment for last bill of a PO shall be made after settlement of FMAS.

**19.7** In case it is found that for a Purchase order, the amount of recovery to be made is more than the last bill value submitted by sub-contractor then in that case recovery shall be processed from the bill submitted and the balance recovery shall be recovered from any one of the running bills of the subcontractor and/or by invoking the BG and/or by any other suitable means as decided by BHEL.

**19.8** Trade Receivables Discounting System (TReDS) is an institutional mechanism set up in order to facilitate the discounting of invoices for MSMEs from buyers through multiple financiers. Invoice discounting on TReDS involves three participants MSME Supplier, Buyer and Financier.

**19.9** Sub-contractor may register themselves on TReDS platforms to obtain the intended benefit.

**19.10** The TReDS benefit is applicable for Micro / Small / Medium enterprise.

**19.11** Checklist for submission of Bills: Subcontractor should ensure that the following documents are submitted for bill processing to avoid any delay in processing of payment:

- Online Invoice – duly signed by Subcontractor with seal. Subcontractor shall submit 100% Invoice.
- Online Invoice Annexures - duly signed by Subcontractor with seal.
- GST Invoice – Original for buyer and Duplicate for transporter copies (Values to be checked with B2B tax invoice template).
- Original IRs – with relevant painting/SB remarks and ODC details (if applicable) - duly signed by BHEL QC inspector and Subcontractor with seal.
- DCs – duly signed by Shipping/BHEL/Trichy official and Subcontractor with seal.

**19.12** Invoice shall be raised for DU weights as per the Purchase Order (PO). Payments shall be for the DC weight only.



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- 19.13** However, if the material weight changes over  $\pm 5\%$  from the total weight of a particular purchase order due to substitution of material, the fabrication cost for the difference in net weight shall be paid or recovered as applicable after raising necessary P.O. amendment. The same can be claimed along with original invoice.
- 19.14** The Purchase Order shall be treated as closed once the FMAS is prepared. Recovery as per the FMAS shall be done from any one of the running bills of the subcontractor. No request for refund of penalty/recovery shall be entertained after recovery has been made.
- 19.15** The Subcontractor shall ensure that all claims are made against the particular purchase order along with relevant invoice. The amount due for BHEL, Tiruchirappalli, if any because of non-return of off-cut material and/or other issues, shall be recovered from the Subcontractor's running bills, and the applicable purchase orders shall be treated as closed.
- 19.16** No supplementary bill shall be entertained once bills are processed.
- 19.17** Notwithstanding anything contained herein, the payment shall be subject to the deduction of any amount for which the Subcontractor is liable directly or indirectly under this contract or any other contract of the Subcontractor or any other Subcontractor's contract where the proprietor / any of the partners / directors of the present Subcontractor is / are proprietor/director/s/partner/s, in respect of which BHEL / Tiruchirappalli is a Contractee.

**20.0 PROGRESS REPORT**

**20.1** The Subcontractor shall furnish progress report(s) from time to time, and also interact with BHEL officials regarding the progress of the work as may be required by BHEL, Tiruchirappalli. The submission, receipt and acceptance of such reports shall not prejudice the rights of BHEL, Tiruchirappalli under the contract merely by reason of the fact that they have not taken notice of or not objected to any information contained in such reports. Action as deemed fit shall be taken if the progress of work is not satisfactory. The Subcontractor shall furnish monthly report (status at the end of every calendar month) regarding the availability of materials at their end. In the event of non-submission of monthly report, suitable action deemed fit shall be taken against such failing Subcontractor.

**21.0 BANK GUARANTEE (BG)**

- 21.1** For OSB/SCMC vendors whose OSB/SCMC Annual VPR rating for 2021-2022 is 'A/B', BG shall be 25% of value of materials identified to be issued to the Subcontractor against Purchase Order (PO).
- 21.2** For OSB/SCMC vendors whose OSB/SCMC Annual VPR rating for 2021-2022 is 'C' or 'D', or 'Not Available', BG shall be 50% of value of materials identified to be issued to the Subcontractor against Purchase Order (PO).
- 21.3** For new vendors for whom Annual VPR rating is not available, BG shall be 50% of value of materials identified to be issued to the Subcontractor against Purchase Order (PO).
- 21.4** The value of materials shall be as per BHEL calculation.

SL NO	RS	RS Description	Qty (NOs)	Wt (KG)	Material Value (Rs Lakhs)
1	RS01	HEAT FLUX SENSOR ASSEMBLY	120	1,130	8.00



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- 21.5** The BG required for execution of the Purchase Order (PO) should be submitted within a period of 10 days from the date of intimation. BG submitted by sub-contractor should be kept valid for a period of 90 days after Contract validity or 90 days after last bill submission date whichever is later. However, after completion of purchase order and submission of last bill, the Subcontractor can request BHEL for return of BG and the same may be considered by BHEL if liability of sub-contractor is over.
- 21.6** Based on the financial capacity of the Subcontractor, the Subcontractor may decide to submit BG for additional value exceeding the maximum BG value required to be submitted to BHEL for collection of materials against POs placed. This is for enabling smooth execution. However, this does not warrant placement of PO.
- 21.7** On intimation to the subcontractor regarding submission of required BG based on the PO placed, if the Subcontractor does not submit the required BG within 10 days from the date of such intimation, then action as per Clause 23.10 to 23.18 shall be initiated by BHEL against default subcontractor.
- 21.8** Further, subcontractors may take note that, if the DUs are not completed within scheduled delivery date, Total Payment block shall be imposed on the subcontractor for all POs.
- 21.9** If no matching material was issued by BHEL for six months from first issue of material in a PO, then the materials issued thus far for the respective PO should be returned back based on advice from BHEL. Subcontractor failure to comply with BHEL's advice on returning the material, shall lead to Total Payment Block being imposed on the subcontractor at vendor code level on completion of six months from first issue of material.
- 21.10** Subcontractor may note that the above clause is with respect to return of materials to BHEL in case no matching material was issued to subcontractor for six months from the date of first issue of materials. Further, committee comprising of OS, Finance and QC will visit the works of the subcontractor to assess the status of the material. If no works have been carried out on the material, BHEL may advise the subcontractor to return the material based on the suggestion of the committee. If the subcontractor has started the fabrication and the material is not in its original form to return to any store as Raw Material, BHEL may not advise the sub-contractor to return the material and BHEL would try to match the material at the earliest so that the job can be completed. In such case where the sub-contractor is not at fault for not completing the job, the payment block imposed on this account on the subcontractor shall be reversed.
- 21.11** For PGMA's/ Product(s) which involve assembly of Bought out Items (BOI), BG shall be required to be submitted at the time of material issue rather than at the time of P.O placement.



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- 21.12** Bank Guarantee to the specified value for the safe custody of the materials issued by BHEL, Tiruchirappalli is to be executed by any one of the banks in the List of Consortium of Banks or Nationalized banks on behalf of the Subcontractor. Also, the above bank guarantee shall be executed on a non-judicial stamp paper of value Rs.100/- as per BHEL's bank guarantee format attached in **Section V**.
- 21.13** The bank guarantee should cover the recoveries to be made by BHEL towards material / faulty workmanship etc. for which proper account is not made within the stipulated time. If the recovery amount is more than the pending bills, the difference amount should be settled immediately by submitting Demand Draft(s) in favor of BHEL/ Tiruchirappalli.
- 21.14** Necessary Bank Guarantee(s) / Fixed Deposit Receipt (FDR) should be furnished and renewed in time. It may be noted that, if any of Sub-contractor's raw material BG is expired and is not renewed on time, Payment block shall be imposed on the subcontractor and subcontractor will be unable to submit their invoices.
- 21.15** Subcontractors may note that the Bank Guarantee document submitted by them to BHEL shall be verified for authenticity by BHEL with the concerned bank. On request by BHEL, Bank should confirm the authenticity of BG issued by them for the subcontractor. Only after receipt of such confirmation in writing from the bank, the BG shall be considered as valid. Onus is on subcontractor to ensure that the confirmation from bank to reach BHEL promptly. BHEL shall not be responsible for any delay in receipt of such confirmation from bank.
- 21.16** Bank Guarantee (BG) to the specified value for the safe custody of the materials issued by BHEL, Tiruchirappalli is to be executed by any one of the banks in the List of Consortium of Banks or Nationalized banks on behalf of the Subcontractor. Also, the above bank guarantee shall be executed on a non-judicial stamp paper of value Rs.100/- as per BHEL's bank guarantee format attached in **Section -V**.

**22.0 GUARANTEE FOR THE FINISHED GOODS**

- 22.1** The Subcontractor shall warrant that the fabrications comply fully with the drawings and other technical conditions specified by BHEL. If the fabrications are found defective owing to faulty workmanship/incomplete work within a period of eighteen months from the date of dispatch, the Subcontractor shall do the necessary repair/rework or replace the defective items free of cost. Alternatively, the rework/replacement charges shall be recovered.

**23.0 LIQUIDATED DAMAGES (LD) / PENALTY & RISK PURCHASE**

- 23.1** Timely delivery is the essence of the Contract.
- 23.2** The finished fabrications should be delivered as per the delivery date stipulated in the PO/Addendum. In case of delay in delivery beyond the delivery period specified in PO at item level, Liquidated Damages (LD) shall be levied at the rate of 0.5% of the value of corresponding PO line item for each week of delay or part thereof based on last dispatch date for the PO line item. LD is subject to a maximum of 10% of the total value of the particular Purchase order/in the addendum to the contract without prejudice to any relief or compensation to BHEL, Tiruchirappalli under any other conditions of the contract.

LD (PO Line Item wise) = 0.5% \* Value of PO Line Item \* delay in weeks or part thereof,

Where, Delay = Maximum delay occurred (last dispatch date) for the delivery of PO line item.



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- 23.3** There is no maximum limit on the value of LD% calculated at PO item level. Cumulative value of LD for a PO is subject to a maximum of 10% of the total value of the particular Purchase order.
- 23.4** Since LD shall be recovered invoice wise, invoice should be submitted for the fully completed DUs/PO Item.
- 23.5** Request for extension of PO delivery date shall not be entertained for normal cases unless there are delays which have justifiable reasons attributable to BHEL.
- 23.6** In such cases where the reasons for delay are attributable to BHEL. Request for delivery extension should be submitted along with supporting documents & justification, indicating the number of days/ date till which extension is requested. Extension shall not be made beyond this date.
- 23.7** Reasons not attributable to BHEL shall not be accepted as reason for delay while requesting for extension of PO delivery date.
- 23.8** For invoices received without any request for delivery extension and/or without proper justification, LD shall be automatically deducted.
- 23.9** In case of any revision/ amendment of PO, the LD shall be linked to the amended/revised PO.
- 23.10 RISK PURCHASE:** In case of delay in delivery beyond PO delivery / mutually agreed delivery, or Subcontractor fails /refuses to complete the PO as per terms or supplier fails to establish BG after placement of PO, or insufficient facilities at Subcontractor's works to execute a PO or default by Subcontractor of any nature, BHEL has the right to get the items ordered elsewhere at the risk and cost of the subcontractor with notice to the subcontractor; and the additional expenditure / difference in cost, if any, including consequential cost shall be recovered from the defaulted subcontractor. Also, in such case of withdrawal of orders, Subcontractor shall return full material in condition as issued to them by BHEL for executing the job; otherwise, BHEL shall recover full material cost (as per Clause 15.3) and conversion cost (in case of part processed items) from Subcontractor by adjusting against amount due to Subcontractor and/or by invoking the BG and/or by any other suitable means as decided by BHEL. In addition, BHEL may recover from the default Subcontractor any loss to BHEL arising due to default by Subcontractor of any nature and action shall be taken as per latest revision of BHEL Guidelines for Suspension of Business dealings with Suppliers / Contractors. Subcontractors are requested to visit BHEL's website: <https://www.bhel.com/supplier-registration> for details of abridged version of BHEL Guidelines for Suspension of Business dealings with Suppliers / Contractors.
- 23.11** The default subcontractor shall be liable for any loss, which BHEL may sustain by reason of such risk purchases in addition to liquidated damages as mentioned above.
- 23.12** Vendors pending payments shall be withheld and/or their BG may be invoked to cover the liabilities of BHEL towards risk purchase, if any.
- 23.13** No compensation shall be given to the Subcontractor, in case of cancellation/diversion of PO(s) even if the jobs have been processed partly.
- 23.14** Process of calculating the risk and cost amount is as follows:  
Risk & Cost Amount= [(A-B) + (A x H/100)]  
Where,  
**A**= Value of Balance scope of Work/ Supply (\*) as per rates of new contract  
**B**= Value of Balance scope of Work/ Supply (\*) as per rates of old contract being paid to the contractor/ supplier at the time of termination of contract.



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**H** = Overhead Factor to be taken as 5

In case (A-B) is less than 0 (zero), value of (A-B) shall be taken as 0 (zero).

\*(Balance scope of work/ supply)

**23.15** Difference of Contract Quantities and Executed Quantities as on the date of issue of Letter for 'Termination of Contract', shall be taken as balance scope of Work/ Supply for calculating risk & cost amount. Contract quantities are the quantities as per original contract. If, Contract has been amended, quantities as per amended Contract shall be considered as Contract Quantities. Items for which total quantities to be executed have exceeded the Contract Quantities based on drawings issued to contractor from time to time till issue of Termination letter, then for these items total Quantities as per issued drawings would be deemed to be contract quantities. Substitute/ extra items whose rates have already been approved would form part of contract quantities for this purpose. Substitute/ extra items which have been executed but rates have not been approved, would also form part of contract quantities for this purpose and rates of such items shall be determined in line with contractual provisions. In-case portion of work is being withdrawn, contract quantities pertaining to portion of work withdrawn shall be considered as 'Balance scope of work/supply' for calculating Risk & Cost amount.

**23.16** Vendors are cautioned that, withdrawal after price bid opening or after contract signing or PO/LOI acceptance will be construed as tampering with BHEL's tender process. Suitable action for suspension of further business with the vendor may be taken as per BHEL corporate procedures.

**23.17** It may please be noted that guidelines/rules in respect of suspension of business dealings', 'Vendor evaluation format' etc may undergo change from time to time and the latest one shall be followed.

**23.18 Liquidated Damage against delay in executed work/supply in case of Termination of Contract:**

- LD against delay in executed work/supply shall be calculated in line with LD clause of the contract for the delay attributable to contractor/ supplier. For this purpose, contract value shall be taken as Executed Value of work/supply for the purpose of limiting maximum LD value. Method for calculation of "LD against delay in executed work/supply" is given below.
- Let the time period from scheduled date of start of work till termination of contract excluding the period of Hold (if any) not attributable to contractor/ supplier = T1
- Let the value of executed work/supply till the time of termination of contract= X
- Let the Total Executable Value of work/supply for which inputs/fronts were made available to contractor/ supplier and were planned for execution till termination of contract = Y
- Delay in executed work/supply attributable to contractor/supplier i.e.

$$T2 = (1 - X/Y) \times T1$$

- LD shall be calculated in line with LD clause of the Contract for the delay attributable to contractor/ supplier taking "X" as Contract Value and "T2" as delay attributable to contractor/ supplier.



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**24.0 ACTION AND COMPENSATION IN CASE OF BAD WORKMANSHIP**

**24.1** If any work has been executed with unsound, imperfect or bad workmanship or with materials of inferior quality, the Subcontractor shall, on demand in writing from BHEL specifying the work, materials/articles complained of, notwithstanding that the same may have been passed, certified and paid for, forthwith, rectify the work, so specified in whole or in part as the case may require, at their own cost. In the event of the Subcontractor's failure to do so within reasonable period, BHEL shall rectify or remove and re-execute the work at the risk and expense of the default Subcontractor.

**25.0 COMPENSATION AGAINST DAMAGE OF PLANT, MACHINERY/TOOLS**

**25.1** BHEL reserves the right to claim adequate compensation from the Subcontractor on account of any damage caused to the plant and equipment/tools handed over to them for execution of work, due to careless handling or negligence on the part of the fabricator. The total cost of recovery shall be decided by BHEL.

**25.2** BHEL shall have general supervision and direction over the work. BHEL has the authority to stop the work, whenever such stoppage may be necessary to ensure the proper execution of the contract.

**25.3** BHEL shall also have the authority to reject all the work which do not conform to the specification. BHEL reserves the right to suspend the work or part thereof at any time, and no claim whatsoever on this account shall be entertained. In case of any dispute, the Subcontractor may appeal to BHEL whose decision shall be final and binding.

**26.0 SUBLETTING**

**26.1** The Subcontractor shall not sublet or assign this work or any part thereof to any other firm(s) without the written permission of BHEL. However, if the PO / PGMA loading demands part processing / special process (like Heat treatment, machining, bending, shearing, threading, etc.) for few items at other source(s)/work(s) approved by BHEL, the same may be allowed, with the prior permission of BHEL in writing.

**26.2** In the event of the Subcontractor subletting or assigning this work or any part thereof without such permission, BHEL shall be entitled to cancel the PO and also action shall be taken as per **Clause 23.10 to 23.18**.

**27.0 GOODS & SERVICES TAX (GST)**

**27.1** GST shall be applicable.

**27.2** GST shall be paid extra at the prevailing rate. TDS on GST is applicable as per prevailing norms of GST Act.

**27.3** GST shall be applicable on amount recoverable from vendor / contractor under Risk & Cost clause as per contract.

**27.4** Sub-contractor shall mention their GSTN registration number in all their invoices and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No which is linked/uploaded in GSTN



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network shall be clearly indicated), item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, etc.

- 27.5** All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).
- 27.6** A declaration to the effect that all invoice particulars are/were uploaded in the GSTN network/ portal & all tax liability as per GST rules and regulations have been and will be discharged, shall be mentioned in the invoice. If not mentioned in the invoice, a separate declaration shall be submitted as per the requirement of BHEL. All documents like "No claim certificate", IR copy, DC copy, any other document mentioned in PO, shall be submitted/sent along with the vehicle/consignment. For all consignments received within the calendar month, input credit will be availed within that month in line with monthly returns filing cycle.
- 27.7** In case of any discrepancy in the document or non-submission of documents mentioned in the PO, then BHEL will not be able to accept or account the material, in such case availing of tax credit will be deferred to next month or so.
- 27.8** In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Subcontractor has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal) for the shortages or rejections in the supply, within the calendar month notified by BHEL.
- 27.9** For any such delay in availing of tax credit for reasons attributable to supplier (as mentioned above), interest (calculated @ SBI Base Rate + 6%) along with penalty if any will be deducted for the delayed period i.e. from the month of receipt till the month tax credit is availed, from the running bills.
- 27.10** For supplies after implementation of New GST Return System i.e. from 01/10/2019, the following conditions will apply and supplier shall fully comply to the below points.
- 27.11** Indigenous suppliers:
- 27.11.1** Supplier shall mention their GSTIN in all their invoices (incl. credit Notes, Debit Notes) and invoices shall be in the format as specified/prescribed under GST laws. Invoices shall necessarily contain Invoice number (in case of multiple numbering system is being followed for billing like SAP invoice no, commercial invoice no etc., then the Invoice No. which is linked/uploaded in GSTN network shall be clearly indicated), Billed to party (with GSTIN) & Shipped to party details, item description as per PO, Quantity, Rate, Value, applicable taxes with nomenclature (like IGST, SGST, CGST & UTGST) separately, HSN/ SAC Code, Place of Supply etc.
- 27.11.2** All invoices shall bear the HSN Code for each item separately (Harmonized System of Nomenclature)/ SAC code (Services Accounting Code).
- 27.11.3** Invoices will be processed only upon completion of statutory requirement and further subject to following:
- Vendor declaring such invoice in Form GST ANX-1
  - Receipt of Goods or Services and Tax invoice by BHEL
- 27.11.4** As the continuous uploading of tax invoices in GSTN portal (in GST ANX-1) is available for all (i.e. both Small & Large) tax payers under proposed new GST Return System, all invoices raised on BHEL may be uploaded immediately in GST portal on dispatch of material /rendering



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of services. The supplier shall ensure availability of Invoice in GST portal before submission of invoice to BHEL. Invoices will be admitted by BHEL only if the invoices are available in GSTN portal (in BHEL's GST ANX-2).

- 27.11.5** In case of discrepancy in the data uploaded by the supplier in the GSTN portal or in case of any shortages or rejection in the supply, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note or debit note (details also to be uploaded in GSTN portal) for the shortages or rejections in the supplies or additional claims, within the calendar month informed by BHEL.
- 27.11.6** In cases where invoice details have been uploaded by the vendor but failed to remit the GST amount to GST Department (Form PMT-08 or Form GST RET-01 to be submitted) within stipulated time, then GST paid on the invoices pertaining to the month for which GST return not filed by the vendor will be recovered from the vendor along with the applicable interest (currently 24% p.a.) and all subsequent bills of the vendor will not be processed till filing of the GST return by the vendor
- 27.11.7** In case GST credit is denied to BHEL due to non-receipt or delayed receipt of goods and/ or tax invoice or expiry of timeline prescribed in GST law for availing such ITC, or any other reasons not attributable to BHEL, GST amount claimed in the invoice shall be disallowed to the vendor.
- 27.11.8** Where any GST liability arising on BHEL under Reverse Charge (RCM), the vendor has to submit the invoices to BHEL well within the timeline prescribed in GST Law, to enable BHEL to discharge the GST liability. If there is a delay in submission of invoice by the vendor resulting in delayed payment of GST by BHEL along with Interest, then such Interest payable or paid shall be recovered from the vendor.
- 27.11.9** GST TDS will be deducted as per Section 51 of CGST Act 2017 and in line with Notification 50/2018 – Central Tax dated 13.09.2018. GST TDS certificate which will be generated in GST portal subsequent to vendor accepting the TDS deduction in the GST portal, the vendor can directly download the Certificate from the GSTN Portal.
- 27.11.10** E-invoicing under GST is being implemented w.e.f. 1st October 2020 for all the taxable vendors/suppliers having turnover of more than Rs. 500 Crores. It has also been specified by the Govt. of India that it is mandatory to mention a valid unique Invoice Reference No. (IRN) and QR code as generated from Govt. portal on a Tax Invoice. Based on such information, GST ITC as claimed by BHEL in GST Returns shall be matched with the corresponding details uploaded by supplier in E-Invoicing System. Hence, suppliers / contractors shall ensure that such complete Tax Invoice along with all the other relevant documents as specified in the purchase order / work order are submitted to BHEL on time to timely process the invoice further for payment to the suppliers / contractors.
- 27.11.11** In case the vendor / contractor delays or fails to provide all the documents as per the Purchase order / Work Order at the time of submitting Tax Invoice to BHEL, any subsequent financial loss to BHEL on account of vendor / contractor shall be to vendor's / contractor's account. BHEL has further right to take necessary steps to protect its interest at the time of release of payment.



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**28.0 PUBLIC PROCUREMENT (PREFERENCE TO MAKE IN INDIA), ORDER 2017**

- 28.1** For this procurement, the local content to categorize a supplier as a Class I local supplier / Class II local Supplier / Non- Local supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 16.09.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for the items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part-II bids against this NIT.
- 28.2** The 'Class-I local supplier'/ 'Class-II local supplier' at the time of tender, bidder or subcontractor shall be required to indicate percentage of local content and provide self-certification that the item offered meets the local content requirement for 'Class-I local supplier' / 'Class-II local supplier', as the case may be.
- 28.3** Subcontractor shall furnish the % of local content while offer submission in E-Procurement system.

**29.0 ARBITRATIONS & CONCILIATION**

- 29.1** Except as provided elsewhere in this contract, in case amicable settlements is not reached between the parties, in respect of any dispute or difference; arising out of the formation, breach, termination, validity or execution of the contract; or, the respective rights and liabilities of the parties; or, in relation to interpretation of any provision of the contract; or, in any manner touching upon the contract, then, either party may, by a notice in writing to other party refer such dispute or difference to the sole arbitration of an arbitrator appointed by Head of the BHEL unit, Trichy.
- 29.2** The Arbitrator shall pass a reasoned award and the award of the Arbitrator shall be final and binding upon the parties.
- 29.3** Subject as aforesaid, the provisions of arbitration and conciliation Act 1996 (India) or statutory modifications or re-enactments thereof and the rules made thereunder and for the time being in force shall apply to the arbitration proceedings under this clause. The seat of arbitration shall be BHEL, Trichy. The cost of arbitration shall be borne as per the award of the Arbitrator.
- 29.4** Subject to the arbitration in terms of clause 5.0 above, the courts at Trichy shall have exclusive jurisdiction over any matter arising out of or in connection with this contract.
- 29.5** Notwithstanding the existence or any dispute or difference and/or reference for the arbitration, the contractor shall proceed with and continue without hindrance the performance of its obligations under this contract with due diligence and expedition in a professional manner except where the contract has been terminated by either party in terms of this contract.

**30.0 FRAUD PREVENTION POLICY**

- 30.1** The bidder along with its associate/ collaborators/ sub- contractors/ sub-vendors/ consultants/ service provider shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL management about any fraud or suspected fraud as soon as it comes to their notice.



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**30.2** Fraud prevention policy and List of Nodal Officers shall be hosted on BHEL website, vendor portals of Units/ Regions intranet.

**31.0 GENERAL CONDITIONS**

**31.1** For participating in the e-tender, Digital Signature Certificate Class III is mandatory for the subcontractor to quote.

**31.2** The subcontractors should quote the rate and fill other required details only in the respective fields provided.

**31.3** The offer should be submitted in two part bid basis on or before the due date & time mentioned in the E-procurement portal. Further tender due date extension, if any, will be communicated through E-procurement portal only. Hard copy bid or bids through E-mail / fax shall not be accepted.

**31.4** As the tender is being floated through E Procurement System, agreeing to the terms and conditions of Tender in EPS, Uploading Supporting documents for claiming benefits (MSE or others), Uploading Bid Supporting documents (NDA, IP etc.) and Submission of Price Bids in EPS by using the Digital Key registered with BHEL for EPS shall be construed as the Bid and Supporting Documents are being submitted by the Authorized Signatory of the Firm.

**31.5** Vendors should take utmost care for the use of their Digital Key registered with BHEL for EPS while participating in a Tender.

**31.6** Latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Revisions, etc. to Tender Specifications will be hosted in E-Procurement portal.

**31.7** Action against defaulting subcontractors shall be taken in accordance with the latest revision of BHEL Guidelines for Suspension of Business Dealings with Suppliers/ Contractors. Refer link: [http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php).

**31.8** The Bidder along with its associate/ collaborators/ sub-contractors/ sub-vendors/ consultants/ service providers shall strictly adhere to BHEL Fraud Prevention Policy displayed on BHEL website <http://www.bhel.com> and shall immediately bring to the notice of BHEL Management about any fraud or suspected fraud as soon as it comes to their notice.

**31.9** All safety precautions and use of safety equipment are to be followed while carrying out the fabrication and dispatch of the same. The sub-contractor must have proper tools and handling equipment. There should always be a responsible person available to oversee the operation and compliance of safety regulation etc. If any non-compliance with respect to proper safety conditions/requirements, BHEL may withhold visit/inspection, instruct stoppage of work till such time the desired safety requirements/conditions are met with.

**31.10** All the documents of BHEL (inclusive of Drawings, GMS and Standards) made available to the fabricator should be kept in strict confidence and under no circumstance be made available to others or allow others to make use of them. Such documents shall be returned to us on demand after completion. This secrecy clause is binding on the employees of the fabricators also. Action against defaulting subcontractors shall be taken in accordance with BHEL latest Guidelines for Suspension of Business dealings with suppliers/ contractors. Refer link [http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php).



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- 31.11** In case it comes to notice of BHEL during the finalization of Tender / after placement of Contract and while executing the Contract, that sub-contractor has given incomplete, false, incorrect, suppressed information & data, forged documents, fake documents / certificates or any information prejudicial to BHEL's interest, BHEL will suspend the business with the sub-contractor at any stage and the Bank Guarantee will be forfeited. Action against such subcontractors shall be taken in accordance with the latest revision of BHEL Guidelines for Suspension of Business Dealings with Suppliers/ Contractors. Refer link: [http://www.bhel.com/vender\\_registration/vender.php](http://www.bhel.com/vender_registration/vender.php)
- 31.12** Non-Disclosure Agreement (NDA) forms part and parcel of the Contract. Non-submission of NDA will disqualify the firm. Format of the agreement is part of the techno-commercial bid. The same has to be downloaded from EPS and to be uploaded by subcontractors in EPS during submission of Bid as a confirmation to accept the provisions of Non-Disclosure Agreement (NDA).
- 31.13** All the statutory obligations such as ESI, PF, Labour Acts, Factories Act, etc., will have to be taken care of by the Subcontractor. BHEL, Tiruchirappalli will have no liability on them. Notwithstanding the above, if any demand notice is served by the concerned statutory authorities for recovery of any of their dues on BHEL, the same would be paid without notice to the Subcontractor and recovered the respective Subcontractor by suitable means as decided by BHEL.
- 31.14** The Bidder declares that they will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s). This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, the Bidder is found having indulged in above activities, suitable action shall be taken by BHEL as per extant policies / guidelines.
- 31.15** The jurisdiction for any arbitration/settlement of contractual/legal issues between Contractee (BHEL) and Contractor (Subcontractor), shall only be at the court of Tiruchirappalli.
- 32.0 AUTHORISED SIGNATORY FOR SUBMISSION OF OFFER**
- 32.1** Agreeing to the terms and conditions of this NIT, uploading bid supporting documents such as (declaration by bidder, IP etc.) and submission of Price Bids in E-Procurement System (EPS) by using the Digital Key registered with BHEL for EPS shall be construed as the Bid and Supporting Documents are being submitted by the Authorized Signatory of the Firm.
- 32.2** Vendor should take utmost care for the use of their Digital Key registered with BHEL for EPS while participating in this NIT.

# Section I A

## (DU, Item Details and Drawings) - 2022OSB041

RS	RS Description	WBS	DU No	Quantity (No)	Weight (KG)	Drawing
RS01	HEAT FLUX SENSOR ASSEMBLY	R5/4271-LU-354-1-06-800	F4271106800001	48.00	452.00	3-06-800-19606
RS01	HEAT FLUX SENSOR ASSEMBLY	R5/4272-LU-354-1-06-800	F4272106800001	48.00	452.00	3-06-800-19606
RS01	HEAT FLUX SENSOR ASSEMBLY	Tentative	N/A	24.00	226.00	3-06-800-19606
				<b>120.00</b>	<b>1,130.00</b>	

**Section I B - 2022OSB041**  
**(List of Quality Documents)**

<b>DOC TYPE</b>	<b>DESCRIPTION</b>	<b>DOC REF</b>
<b>STANDARD INSPECTION PROCEDURE (SIP)</b>	PROCEDURE FOR VISUAL INSPECTION OF NON PRESSURE PARTS	SIPNP06
	PROCEDURE FOR PWHT(LOCAL) AT BHEL VENDOR WORKS	SIPNP11
	REMOTE INSPECTION	SIPNP24
<b>QUALITY CONTROL PROCEDURE (QCP)</b>	NON- PRESSURE PARTS	QCP002
<b>PAINTING SCHEME</b>	GENERAL PAINTING SCHEME	SIPPP22

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**SECTION I C - Scrap Recovery rates**

SI No.	YEAR	RS Type	Extra RS Number	DESCRIPTION	RS Category	UOM	Rate per UoM
1	2022	E	18855	Non - Ferrous scrap	Scrap Recovery rates	MT	4,00,100.00
2	2022	E	18856	Non - Ferrous - turnings & Borings scrap	Scrap Recovery rates	MT	4,10,000.00
3	2022	E	18857	"CS/AS Sheets , plates & Structural"	Scrap Recovery rates	MT	53,100.00
4	2022	E	18858	Ferrous Tubes and Pipe Scrap	Scrap Recovery rates	MT	44,000.00
5	2022	E	18859	SS scrap (magnetic)	Scrap Recovery rates	MT	56,001.00
6	2022	E	18860	SS scrap (non-mgnt) other than 310/310S	Scrap Recovery rates	MT	1,72,001.00
7	2022	E	18861	SS scrap (non-mgnt) 310/310S	Scrap Recovery rates	MT	2,00,000.00
8	2022	E	18862	Big size scrap (AS/CS)	Scrap Recovery rates	MT	56,100.00
9	2022	E	18863	Turnings & borings scrap (CS/AS)	Scrap Recovery rates	MT	41,200.00
10	2022	E	18864	Turnings & borings scrap (SS Mgnt)	Scrap Recovery rates	MT	25,000.00
11	2022	E	18865	Turnings & borings scrap (SS Non-mgnt)	Scrap Recovery rates	MT	40,000.00
12	2022	E	18866	"Non return consumables(like ropes ,etc)	Scrap Recovery rates	MT	5,000.00

**Section I D**  
**(Item details, Drawings and Assembly Procedure)**

DESCRIPTION	DRG_NO	MATERIAL CODE	Material to Be Issued	QTY (Nos)	Wt (KG)	SIZE1	SIZE2	UNIT
HEAT FLUX SENSOR ASSEMBLY	3-06-800-19606			1.000	9.407			
WATER WALL TUBE AND SENSOR STUD ASSEMBLY	3-06-800-19607			1.000	4.937			
WATER WALL TUBE D51	4-06-800-06760	154870562151	RIFLE TUBE OD 51 X 5.6 X 12150-SA210GRC	1.000	3.330	500.000	0.000	MM
SUPPORT FLAT ASSEMBLY	3-06-800-13715			1.000	1.440			
SUPPORT FLAT PL.6X50X570	4-06-800-06176	150080110000	FLAT 50 X 6 - IS2062GRA	1.000	1.340	570.000	50.000	MM
JUNCTION BOX MOUNTING PLATE	4-06-800-06177	150080110000	FLAT 50 X 6 - IS2062GRA	1.000	0.100	75.000	30.000	MM
SENSOR STUD	4-06-800-06761	153241300000	ROUND DIA 10 - SA479TY304	1.000	0.010	16.700	0.000	MM
THERMAL GUARD	4-06-800-06762	153241930000	ROUND DIA 20 - SA479TY304	1.000	0.030	18.000	0.000	MM
FIN PLATE	4-06-800-05956	159422770000	PLATE 6.00 MM - SA387GR12CL2	2.000	0.080	100.000	9.000	MM
GUARD TUBE FOR FIRE SIDE	4-06-800-06763	154520066500	TUBE OD 6.35 X 1.6 X 6000 - SA213TP347H	1.000	0.024	125.800	0.000	MM
GUARD TUBE FOR TUBE SIDE	4-06-800-06764	154520066500	TUBE OD 6.35 X 1.6 X 6000 - SA213TP347H	1.000	0.023	121.300	0.000	MM
CLAMP ASSEMBLY	3-06-800-19608			4.000	0.280			
TUBE SUPPORT PLATE	4-06-800-06765	152110920000	PLATE 6mm-IS2062E250A	4.000	0.120	24.700	32.000	MM
CLAMP	4-06-800-06766	150421960000	SHEET 1.6 MM ASTM A588GRA/JISG3125	4.000	0.048	72.000	15.000	MM
HEX SCREW(M8X12)*	-	412380801200	HEX HD SCRU-M 8x12 - 8.8-IS1364P2	8.000	0.056			
HEX NUT (M8)*	-	413200008000	NUT -M 8 -CL8-IS1364P3	8.000	0.040			
PUNCHED WASHER(A8)*	-	414080000800	PUN WASHER-M 8 -IS:2016-A	8.000	0.016			
TC GUIDE TUBE ASSEMBLY	3-06-800-13717			2.000	1.172			
CONNECTOR	4-06-800-06184	150241940000	DIA 32.0 MM - SA479TY304(CERT)	2.000	0.224	50.000	0.000	MM
TC GUIDE TUBE	4-06-800-06185	151910040000	PIPE OD 21.3 x 2.77 - SA335P22	2.000	0.888	350.000	0.000	MM
END PIECE	4-06-800-06186	150241920000	DIA 16.0 MM - SA479TY304(CERT)	2.000	0.060	20.000	0.000	MM
THERMOCOUPLE WITH COMPRESSION FITTING*	3-06-800-14637	A427110680001001	THERMOCOUPLES / RTD WITH THERMOWELL	2.000	2.000			
Thermocouple N Type (660 mm long)	-	-	-	-	-	-	-	-
Adjustable Union 1/2" BSP (M)	-	-	-	-	-	-	-	-
1/2" BSP Nut	-	-	-	-	-	-	-	-
JUNCTION BOX FOR HEATFLUX SENSOR ASSY*	2-06-800-12354	A427110680002001	9509103-GALVA. SHEET STEEL JUNCTION BOX	1.000	1.000			
BOX With Lid Assembly								
Cage Clamp Terminal Block 2.5 SQ. mm								
Double compresss cable Gland for								
Teflon Insulated Shortening link 0.5 SQ.MM Stranded Tin Copper 75 nm								
TUBE END COVER FOR TUBE D51*	3-06-800-19606	220744710000	TUBEENDCOVER INT DIA 51 BPS:6119-012-035	2.000	0.018			

\* Items to be issued by BHEL as Finished Items

**ASSEMBLY PROCEDURE**

**Water Wall Tube & Sensor STUD Assembly**

1.	Arc Weld water wall tube with support flat as per drawing
2.	The water Wall Tube surface should be neatly cleaned for a length of 50mm at the centre before brazing and welding of sensor studs and Guard Tube
3.	Proper fixture must be used for keeping Sensor stud, Guard Tubes together with silver foil in between Water wall tube & Stud in proper position before start of brazing or welding
4.	Ensure that the thermocouples are easily insertable into the bent guard tubes before brazing/welding. If required the bends shall be set right ensuring full free insertion of Thermocouples.
5.	Before welding both the guard tubes, stud should be Brazed with water wall tube in proper position. TIG welding of guard tubes with water wall tube shall be carried out after assuring free insertion of Thermocouple, however Thermocouple should be removed during TIG welding process.
6.	Sensor stud and water wall tube should be silver brazed together ensuring no airgap in the contact surface by tightening the screw above the stud in the fixtures during brazing. Brazing shall be done as per BHEL's recommended procedure.
7.	Thermal Guard shall be positioned over sensor stud concentrically, maintaining uniform annular gap with stud and TIG welded with water wall tube.
8.	The Fin plates can be TIG welded on the water wall tube. During the process welding should not be carried out with Guard Tubes
9.	Fin plate is to be painted in Red color and punched with - "Do Not weld at site"

**CLAMP Assembly**

1.	Hex Nut shall be tightened with Clamp, Washer & Screw before welding
2.	The above assembly shall be welded with Tube support plate ensuring centre line alignment.

**HEAT FLUX SENSOR ASSEMBLY**

1.	Assemble tube assembly & Clamp assembly in position and weld Clamp assembly with Support Flat.
2.	Thermocouple is to be inserted into the main assembly. To ensure the reach of thermocouples to the desired place (centre of the SS stud), the extended Length of thermocouple over the end of support flat should not be more than 16mm. This check is to be made before mounting Junction box.
3.	The Thermocouple Compression fittings are to be tightened after ensuring full insertion of Thermocouples.
4.	The Continuity of the thermocouple should be ensured before mounting Junction box with support flat.
5.	The leads of thermocouples are to be connected to the terminals inside Junction box
6.	After fabrication tube edge preparation need to be protected by using End cap. The assemblies should be carefully packed with suitable cushion material to send them without damaging the thermocouples and assembly.
7.	Fireside Thermocouple termination no is 1&2 and the Waterwall side Thermocouple termination is 3&4. Loop wire is to be placed between 2 and 4.



**SECTION II**  
**GENERAL TERMS & CONDITIONS**

**I- DEFINITIONS**

Throughout these conditions and in the specifications “**THE CONTRACTEE**” means the **Bharat Heavy Electricals Limited**, acting through the Additional General Manager/Outsourcing, Tiruchirapalli-14, unless the context otherwise provides “**THE CONTRACTOR**” means the person, firm, vendor or company with whom the order for Structural work is placed and shall be deemed to include the Contractor’s successors (approved by the Contractee) representatives, heirs, executors and administrators as the case may be unless excluded by the terms of the Contract. “**DRAWINGS**” means the drawings exhibited or provided for the guidance of the Contractor.

**II- EXECUTION**

The whole contract is to be executed in the most approved substantial and workman like manner to the entire satisfaction of the Contractee, or the Inspecting Officer who shall have power to reject any of the Structural which he may disapprove; and his decision thereon and any question as to the true intent and meaning of the specifications of drawing or of the work necessary for the proper completion of the contract, shall be final and conclusive. The contractee may require alteration if any to be made during the progress of work and should these alterations be such that either party to the contract considers as an alteration involving change in cost such alteration shall not be carried out until amended cost have been submitted by contractor and accepted by the Contractee. Should the Contractor proceed to work without obtaining the consent of the Contractee in writing to an amended cost of work the Contractor shall be deemed to have agreed to execute the work at such charges as may be considered reasonable by the Contractee.

**III- FORCE MAJEURE**

If any time during the continuance of this Contract the performance in whole or part by either part of any obligation under this contract shall be prevented or delayed by reasons of war, hostilities, acts of public enemy, civil commotions, sabotage, fires, floods, explosions, epidemic quarantine restrictions or acts of God (herein referred to as events), provided the notice of the happenings of any such events is given by either party to other party within 21 (Twenty one) days from the date of occurrence thereof, either party shall by reason of such event not be entitled to terminate this contract, nor shall either party have any claim for damages against the other in respect of such non-performance and delay in performance and delivery under the contract shall be resumed as soon as possible after such event has come to an end or ceased to exist and the decision of the Contractee as to whether such event has come to an end or has ceased exist shall be final and conclusive. If the performance in whole or part of any obligation under this contract is prevented or delayed by reason of any such event, claims for extension of time shall be granted for periods considered reasonable by the Contractee subject to prompt notification by the Contractor to the Contractee of the particulars of the events and supply to the Contractee if required of any supporting evidence. Any waiver of time in respect of partial instalment shall not be deemed to be a waiver of time in respect of remaining work schedules.



#### **IV- TERMINATION OF CONTRACT / RISK PURCHASE**

If as a result of difficulty in procurement of materials or due to force majeure reasons or any other reasons whatsoever the contractor is unable to keep the delivery schedule of the Contractee, the Contractee to the extent considered necessary may grant extension of time. Should there be delay in work, beyond the extended date of delivery, it shall be open to the Contractee to terminate the contract in part or full and make other arrangements for executing work elsewhere at the cost and risk of the Contractor. Any cost implication towards such alternate procurement shall be recovered from the Contractor.

#### **V- INTERPRETATION**

The Contractee shall decide any dispute or difference of opinion in respect of the interpretation, effect or application of this particular condition of the Contract or the amount recoverable hereunder from the contractor and the decision shall be final and conclusive.

#### **VI- BOOK EXAMINATION CLAUSE:**

The Contractor shall whenever required produce or cause to be produced for examination by any Officer of the Contractee authorized in that behalf, any cost or other account book or account voucher, receipt letter, memorandum, paper or writing or any copy extract from any such document and also furnish information and returns verified in such a manner as may be required in any way relating to the execution of this contract or relevant for verifying or ascertaining the cost of execution of this contract (the decision of such officer of the Contractee on this question or relevancy of any documents, information or return being final and binding on the Parties). The obligation imposed by this clause is without prejudice to the obligation of the contract / purchase order or under any status rules or orders binding the contractor. The contractor shall if the authorized officer or the Contractee so required (whether before or after the prices have been finally fixed), afford facilities to the officer of the Contractee concerned to visit the contractors works for the purpose of examining the process of manufacture and estimate or ascertaining the cost for production of the articles, if any portion of the work be carried out by a sub-contractor of any subsidiary of an allied firm or company, the authorized officer of the Contractee shall have power to secure the books of such sub-contractor, or any subsidiary or allied firm or company shall be open to his inspection.

#### **VII –SET OFF CLAUSES**

Notwithstanding anything contained herein, the payment shall be subject to the deduction of any amount for which the vendor is liable directly or indirectly under this contract or any other contract of the vendor or any other vendor's contract where the proprietor/any of the partners / directors of the present vendor is / are proprietor / director /s / partner/s, in respect of which BHEL, Tiruchirappalli is a Contractee".



### **VIII -LAWS GOVERNING THE CONTRACT**

The Laws of Government of India in force shall govern the Contract. Irrespective of the place of the execution of the Contract place, of payment under the contract, the contract shall be deemed to have been made at the place at which the acceptance of the offer has been issued.

### **IX -JURISDICTION OF THE COURT**

The Courts at Tiruchirappalli, Tamilnadu alone shall have jurisdiction to decide any dispute arising out of or in respect of the contract.

### **X -THE GLOBAL COMPACT**

Global Compact is a signature initiative of Former United Nations Secretary General Kofi Annan and Four United Nation Agencies:

- ❖ Office of the High Commissioner for Human Rights
- ❖ International Labour Organisation
- ❖ United Nations Environment Programme
- ❖ United Nations Development Programme

This is a broad based initiative and engages:

- ❖ Individual Companies
- ❖ Business Associations
- ❖ International Labour
- ❖ Human Rights, Environment and
- ❖ Development Organisations
- ❖ Academic & Public Policy
- ❖ Institutions and United Nations

The Contractee (BHEL) is a member of this Global Compact. As a participating company, we have the obligation to

- ❖ Support and respect Human Rights within our spheres of influence.
- ❖ Make sure we are not complicit in Human Rights abuses.
- ❖ Make sure we are not employing Forced or compulsory labour.
- ❖ Refrain from employing Child Labour
- ❖ Eliminate discrimination in our hiring and firing policies.
- ❖ Support a precautionary approach to Environmental challenges.
- ❖ Undertake initiatives to promote greater environmental responsibility.
- ❖ Encourage development and diffusion of environmental-friendly technologies

Contractor shall also ensure to fall in line with the above principles.



## **SECTION III**

### **SPECIAL PROVISIONS FOR MICRO AND SMALL ENTERPRISE (MSE)**

In line with Gazette notification issued by Ministry of Micro small and medium enterprises on MSE suppliers, the following special provisions shall be applicable.

- I. 25% of the tendered value is earmarked for MSE suppliers in this tender.
- II. If L1 vendor (or) Counter Offer accepted vendor is from a Micro / Small enterprise which put together covers 25% of the total tendered quantum, then 25% earmarking provision is not applicable.
  - Out of the 25% tendered quantum reserved for MSE suppliers, 6.25% shall be earmarked for procurement from MSE owned by SC / ST entrepreneurs. 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 6.25% sub-target for procurement ear-marked MSE owned by SC / ST entrepreneurs shall be met with other MSE enterprise/s.
  - Out of the 25% tendered quantum reserved for MSE suppliers, 3% shall be earmarked for procurement from MSE owned by women entrepreneurs. 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 3% sub-target for procurement ear-marked MSE owned by SC / ST entrepreneurs shall be met with other MSE enterprise/s.
- III. In case MSE vendor participating in the tender quotes within the price band of L1 + 15%, they will be allowed to supply the portion of the requirement subject to acceptance of L1 price by MSE vendor. In case of more than one such MSE, the supply shall be shared proportionately, provided the package can be split.
- IV. In case the Package cannot be split / not envisaged for splitting as per tender, and if a non-MSE vendor becomes L1, and MSE vendor also participates in the tender, the MSE vendor will be given preference for ordering the package provided the MSE vendor quoted price is within L1 + 15%, and if the MSE vendor accepts the L1 rate.
- V. In case of a similar package required for two boilers, if a non-MSE vendor becomes L1, and MSE vendor also participates in the tender, then L1 will be ordered with one package of one boiler and MSE vendor will be given preference for ordering the other package of other boiler, provided the MSE vendor's quoted price is within L1 + 15%, and if the MSE vendor accepts the L1 rate.



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- VI. As per the Gazette notification from *MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES Dtd: 16.06.2021*, UDYAM REGISTRATION CERTIFICATE (URC) shall be applicable from 1<sup>st</sup> April 2021 and the existing enterprises registered prior to 30<sup>th</sup> June, 2020, shall continue to be valid only for a period up to the 31<sup>st</sup> day of December, 2021. In light of above, MSE suppliers can avail the intended benefits if they submit UDYAM REGISTRATION CERTIFICATE (URC). MSE suppliers can also avail the intended benefits if they submit along with the offer, attested copy of EM II certificate having deemed validity (five years from the date of issue of acknowledgement in EM II) or valid NSIC certificate or attested copy of EM II certificate along with CA certificate applicable for the year, certifying quantum of investment in plant and machinery within the permissible limits as per the act for relevant status (MICRO or SMALL) where the deemed validity of EM II is over. Date to be reckoned for determining the deemed validity will be the last date of technical bid submission (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefits shall be applicable for the enquiry in case any deficiency in the above required documents is found and the same is not corrected by the sub-contractor before price bid opening. Documents should be notarized or attested by a Gazette officer. In addition to above, Udyog Aadhar Memorandum (UAM) along with CA certificate is also acceptable as per latest MSE notification. This provision for MSE will apply subject to the condition that the participating MSE meets the tender requirements.
- VII. In case of any change in the MSE status of the bidder, it shall be the responsibility of the bidder to notify the change as a part of the bid document. If at a later date it comes to the knowledge of BHEL 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.
- VIII. 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 tendered items being a system, tendered quantity being low etc., then BHEL would not counter offer the L1 prices even though there may be MSE bidders within the + 15% band of L1.

**PAYMENT PREFERENCE FOR MSE VENDORS:**

- *For Micro and Small Enterprises (MSEs), payment shall be made within 45 days.*
- *For Medium Enterprises, Payment shall be made within 60 days.*
- *Except for the number of days, all other terms and conditions of payment as described in clause 17.0 of Section I of NIT shall be applicable.*



**2.0 DEFINITIONS OF MSEs OWNED BY SC/ST IS AS UNDER:**

- I. In case of proprietorship firm, proprietor must be SC/ST.
- II. In case of partnership firm, the SC/ST partners must be holding at least 51% shares in the unit.
- III. In case of private limited companies, at least 51% share must be held by SC/ST promoters.
- IV. The caste/Tribe/Community certificate issued by the following authorities in the prescribed form for SCs/STs can be considered.

**3.0 AUTHORITY TO ISSUE SC/ST CERTIFICATE:**

- I. District Magistrate/Additional District Magistrate/Collector/Deputy commissioner/Additional Deputy Commissioner/Deputy collector/1st class stipendiary magistrate/Sub divisional Magistrate/Taluka Magistrate/Executive magistrate/Extra Assistant commissioner.
- II. Chief Presidency magistrate/Additional chief presidency magistrate/Presidency magistrate.
- III. Revenue Officer not below the rank of tehsildar.
- IV. Sub-Divisional officer of the area where the individual and / or his family normally resides.

To avail the benefits of MSE under SC/ST category, the related documents as stated above should be submitted along with tender documents. No benefits shall be applicable for the enquiry if any deficiency in the above required documents is not submitted before the price bid opening.

**4.0 DEFINITIONS OF MSEs OWNED BY WOMEN ENTREPRENEURS IS AS UNDER:**

- I. In case of proprietorship firm MSE, proprietor must be Women.
- II. In case of partnership firm MSE, Women partners shall be holding at least 51% shares in the unit.
- III. In case of private limited companies, at least 51% share must be held by Women promoters.

To avail the benefits of MSE under women entrepreneur's category, the related documents as stated above should be submitted along with tender documents. No benefits shall be applicable for the enquiry if any deficiency in the above required documents is not submitted before the price bid opening.

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**SECTION IV: GST DETAILS**

Vendor's Name	Vendor's code	GSTIN No.	GST %	Application reference number (ARN)	HSN Code / SAC Code

**Note:**

Kindly fill the details as per above requirement.  
After filling the details, kindly upload the same with sign and seal.  
HSN: Harmonized System of Nomenclature  
SAC : Services Accounting Code

# **SECTION V BG Format**

## **BANK GUARANTEE FOR SUPPLY FREE ISSUE MATERIAL**

Bank Guarantee No:

Date:

NAME OF ISSUING BANK

& ADDRESSES OF THE BENEFICIARY

NAME OF ISSUING BANK

& ADDRESS

**BANK EMAIL ID:**

**BANK PHONE NO:**

**SFMS Serial No\* :**

**AUTHORISED SIGNATORIES CELL PHONE NO:**

**BANK FAX NO:**

**IFSC AND MICR CODE**

Dear Sirs,

1. In consideration of Bharat Heavy Electricals Limited<sup>1</sup> (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at \_\_\_\_\_<sup>1</sup> through its Unit at..... (name of the Unit) having awarded to.....<sup>2</sup> (Name of the Vendor / Contractor / Supplier) (**VENDOR CODE**), with its registered office at \_\_\_\_\_<sup>2</sup> (hereinafter called "the Vendor/Contractor/Supplier" which expression shall include its successors and permitted assigns) a contract Ref No.....dated .....<sup>3</sup>valued at Rs..... (Rupees -----/FC..... (in words.....) for .....<sup>4</sup>(hereinafter called the 'Contract')

AND WHEREAS the Employer having agreed as per the terms and conditions of the Contract to supply free issue materials for the manufacture/fabrication of the equipment at the 'Contractor/Supplier/Fabricator's' site on furnishing of a Bank Guarantee for Rs. \_\_\_\_\_ (Rupees.....)<sup>5</sup> in the manner hereinafter specified for the due safeguard of the free issue material,

2. we, ....., (hereinafter referred to as the Bank), having registered/Head office at ..... and inter alia a branch at ..... being the Guarantor under this Guarantee, hereby irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums upto a maximum amount but not exceeding Rs ----- (Rupees -----) without any demur, merely on a demand from the Employer and without any reservation, protest and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

3. Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. \_\_\_\_\_.
4. We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the 'Contractor/Supplier/Fabricator' in any suit or proceeding pending before any Court or Tribunal or Arbitrator or any other authority, our liability under this present being absolute and unequivocal.
5. The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment hereunder and the 'Contractor/Supplier/Fabricator' shall have no claim against us for making such payment.
6. We the .....Bank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract and till the reconciliation of the free issue material has been carried out and that it shall continue to be enforceable till all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.
7. We ..... Bank further agree that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the said 'Contractor/Supplier/Fabricator' from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Contractor/Supplier/Fabricator and to forbear or enforce any of the terms and conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said 'Contractor/Supplier/Fabricator' or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said 'Contractor/Supplier/Fabricator' or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.
8. The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Contractor/Supplier/ Fabricator and notwithstanding any security or other guarantee that the Employer may have in relation to the Contractor's/Supplier's/ Fabricator's liabilities.
9. This Guarantee shall remain in force upto and including.....<sup>6</sup> and shall be extended from time to time for such period as may be desired by Employer.
10. This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Contractor/ Supplier/ Fabricator but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.
11. Unless a demand or claim under this guarantee is made on us in writing on or before the **claim period last date** we shall be discharged from all liabilities under this guarantee thereafter.

12. Any claim or dispute arising under the terms of this document shall only be enforced or settled in the Courts at Tiruchirappalli.

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

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Bank under this Guarantee shall not exceed.....<sup>5</sup>
- b) This Guarantee shall be valid up to .....<sup>6</sup>
- c) Unless the Bank is served a written claim or demand on or before (minimum 3 to 6 months from the expiry date)<sup>7</sup> all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

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

For and on behalf of  
(Name of the Bank)

Dated.....

Place of Issue.....

1 NAME AND ADDRESS OF THE EMPLOER. i.e. Bharat Heavy Electricals Limited

2 NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER AND VENDOR CODE ASSIGNED BY BHEL

3 DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE

4 PROJECT/SUPPLY DETAILS AND CONTRACT VALUE

5 BG AMOUNT IN FIGURES AND WORDS

6 VALIDITY DATE (dd /mmm /yyyy)

7 DATE OF EXPIRY OF CLAIM PERIOD (dd /mmm /yyyy)

\* **Structured Financial Messaging System (SFMS)** has been/ is being implemented by the Banks as per the Ministry of Finance's instructions for Sending and receiving Bank Guarantee and also Inland Letter of Credit Instruments. The SFMS provides a platform for secure communication within the Bank and between Banks. As such, SFMS can prove to be an excellent IT enabled platform for getting secure confirmations from the Banks in respect of Bank Guarantees issued in favor of BHEL.

**SECTION V (a)**  
**List of Consortium Banks**

Sl.	Name of the bank	
1	State Bank of India	
2	Canara Bank	
3	Axis Bank	
4	Bank of Baroda	
5	Central Bank	
6	Citi Bank N.A.	
7	Deutsche Bank **	
8	Exim Bank	
9	Federal Bank Limited	
10	HDFC Bank Limited	
11	Hongkong and Shanghai Banking Corporation Ltd	
12	Indian Bank	
13	ICICI Bank Limited	
14	IDBI Bank Limited	
15	IndusInd Bank Limited	
16	Indian Overseas Bank	
17	Kotak Mahindra Bank Limited	
18	Punjab National Bank	
19	RBL Bank Ltd.	
20	Standard Chartered Bank	
21	Union Bank of India	
22	Yes Bank Limited	
	TOTAL	



**BHARAT HEAVY ELECTRICALS LIMITED**  
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**OUTSOURCING**

**SECTION VI - THIRD PARTY NON-DISCLOSURE AGREEMENT**

I,.....on behalf of the.....(Name of Company), Vendor Code.....acknowledge that the information received or generated, directly or indirectly, while working with BHEL, Trichy on contract is confidential and that the nature of the business of the BHEL, Trichy is such that the following conditions are reasonable, and therefore:

I warrant and agree as follows:

I, or any other personnel employed or engaged by our company, agree not to disclose, directly or indirectly, any information related to the BHEL, Trichy Without restricting the generality of the foregoing, it is agreed that we will not disclose such information consisting but not necessarily limited to:

- Technical information: Methods, drawings, processes, formulae, compositions, systems, techniques, inventions, computer programs/data/configuration and research projects.
- Business information: Customer lists, project schedules, pricing data, estimates, financial or marketing data,

On conclusion of contract, I, or any other personnel employed or engaged by our company shall return to BHEL, Trichy all documents and property of BHEL, Trichy, including: drawings, blueprints, reports, manuals, computer programs/data/configuration, and all other materials and all copies thereof relating in any way to BHEL, Trichy 's business, or in any way obtained by me during the course of contract.

I further agree that I, or any others employed or engaged by our company shall not retain copies, notes or abstracts of the foregoing.

This obligation of confidence shall continue after the conclusion of the contract also.

I acknowledge that the aforesaid restrictions are necessary and fundamental to the business of the BHEL, Trichy and are reasonable given the nature of the business carried on by the BHEL, Trichy I agree that this agreement shall be governed by and construed in accordance with the laws of country.

I enter into this agreement totally voluntarily, with full knowledge of its meaning, and without duress.

Dated at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(Place) (Date) (Month) (Year)

Name:

Company:

Signature & Seal:



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI**  
**OUTSOURCING**  
**TECHNO COMMERCIAL BID – NIT: 2022OSB041**

**SECTION VII**

List of approved sources for the following are given in Appendix – I.

- Welding Consumables, Paints & Thinners
- Heat Treatment
- Blast Cleaning & Painting
- NDT

List of approved sources shall be updated by BHEL. Latest updation (addition/deletion) shall be uploaded in B2B portal. Subcontractors must ensure that latest list of BHEL approved sources is followed for execution of PO.

**(ON BIDDER'S LETTER HEAD)**

**NIT: 2022OSB041**

**SECTION VIII - DECLARATION BY THE BIDDER**

I/We, \_\_\_\_\_, on behalf of the  
Vendor Code \_\_\_\_\_ (Name of Company),  
do hereby undertake the following:

- 1) I/We declare and certify that **%** of local content as defined in Public Procurement (Preference to Make in India), Order 2017 dated 16.09.2020 issued by DPIIT is \_\_\_\_\_**%**.
- 2) I/We declare that I/We have not been presently put on hold, banned or black-listed by any of the BHEL units.
- 3) I/We declare that I/We have read all the terms and conditions specified under all Sections forming part of the NIT and agree to abide by the terms & conditions stipulated by BHEL. It is also confirmed that I/we have not taken any deviation to any of the terms & conditions mentioned in any of the Sections of NIT.
- 4) I/We accept the terms and conditions as given in all the sections of the **NIT** and upload the mandatory documents forming part of **NIT** as required by BHEL.
- 5) I/We declare that I/We have not been booked by CBI and/or indicted by a court of law in any criminal case during last 5 years.
- 6) I/We declare that I/We will not enter into any illegal or undisclosed agreement or understanding, whether formal or informal with other Bidder(s)/sub-contractors/vendors. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process. In case, it is found that I/We have indulged in above activities, suitable action shall be taken by BHEL as per extant policies/ guidelines.
- 7) I/ We are aware that, in case it comes to notice of BHEL during the finalization of Tender / after placement of Contract and while executing the Contract, that we have given incomplete, false, incorrect, suppressed information & data, forged documents, fake documents / certificates, fake Certificates or any information prejudicial to BHEL's interest, action shall be taken against us under the BHEL guidelines for suspension of business dealings.
- 8) I / We accept to provide Bank Guarantee (BG) as per terms and conditions of NIT.
- 9) I / We accept to abide by the load distribution as per terms and conditions of NIT.
- 10) I/We have understood that No Corrections / Revisions in the quoted rate(s) will be accepted after the Tender opening date.

**(ON BIDDER'S LETTER HEAD)**

**NIT: 2022OSB041**

**SECTION VIII - DECLARATION BY THE BIDDER**

- 11) I/We understand that, as the tender is being floated through E Procurement System (EPS), it shall be presumed by BHEL that submission of declaration by bidder, uploading bid Supporting documents and Submission of Price Bids in EPS by using the Digital Key registered with BHEL for EPS shall be treated as the bid and supporting documents are being signed / uploaded in EPS by the Authorized Signatory of the Firm.
- 12) I/We declare that submission of offer shall be construed as agreeing to terms and conditions along with latest updates on the important dates, Amendments, Correspondences, Corrigenda, Clarifications, Changes, Revisions, etc. to Tender Specifications hosted in E-Procurement portal.
- 13) In case there is a lapse / omission or commission in fulfilling the tender requirements as per the commitments given above we fully understand BHEL shall have the right to reject the offers and the decision of BHEL in this regard will be final and binding on us.
- 14) I/We declare that the raw material issued in connection with the fabrication contract shall remain the property of BHEL, Tiruchirappalli and the above materials shall be used only for the execution of BHEL's POs for which the materials have been issued, and for no other purpose whatsoever.
- 15) I/We declare that our Firm shall be liable for the loss or damage to such property from whatever the cause may be while such property is in the possession or under the control of our Firm employees, workmen or agents or any other person connected with our Firm. I/We declare that all the materials of BHEL, Tiruchirappalli shall under no circumstance be sold/hypothecated to any bank or to any lending institution or to any party whomsoever. Such materials shall not be shown as our Firm's assets in any of the statements to any party.
- 16) I/We declare that I/We will submit the Stock statements quarter-wise.

**Signature of Authorized person with seal**



**BHARAT HEAVY ELECTRICALS LIMITED**  
**TIRUCHIRAPPALLI**  
**OUTSOURCING**  
**TECHNO COMMERCIAL BID – 2022OSB041**

**SECTION IX**  
**ILLUSTRATION FOR TIE BREAKING**

**Steps which shall be followed for tie-breaking for ranks other than L1 is given below:**

1. Before Counter Offering(CO), if there is tie for ranking position other than L1, then Lot shall be done to break the tie. Random number function of MS Excel shall be used to break the tie and arrive at distinct ranking for all those sub-contractors who are eligible for counter offering.
2. Rate Schedule wise excel sheet in which all the ranks including tied ranks other than L1 shall be opened.
3. Random number shall be generated against each entry in the excel sheet. Once random number is generated, the values will be frozen against each entry.
4. The rank order shall be sorted in the following manner.  
Sorting -> 1. RS -> 2. Actual rank -> 3. Random number wise (from lowest to highest).
5. Once sorting is done, each vendor shall be ranked as per the sorting order.

**Illustration:**

**Step-1:** Original Rank before CO:

RS No.	Vendor code	ORIGINAL Rank before CO
16707	A	L01
16707	B	L02
16707	C	L03
16707	D	L03
16707	E	L04
16707	F	L05
16707	G	L05
16707	H	L06

**Step-2:** After random number generation in MS Excel:

RS No.	Vendor code	ORIGINAL Rank before CO	Random Number
16707	A	L01	0.639156
16707	B	L02	0.931402
16707	C	L03	0.560449
16707	D	L03	0.507298
16707	E	L04	0.621819
16707	F	L05	0.620683
16707	G	L05	0.504936
16707	H	L06	0.793407

**Step-3:** Final sorting based on original rank and random number for arriving at final ranking:

RS No.	Vendor code	ORIGINAL Rank before CO	Random Number	Final Rank after tie breaking
16707	A	L01	0.639156	L01
16707	B	L02	0.931402	L02
16707	D	L03	0.507298	L03
16707	C	L03	0.560449	L04
16707	E	L04	0.621819	L05
16707	G	L05	0.504936	L06
16707	F	L05	0.620683	L07
16707	H	L06	0.793407	L08

Final revised ranking shall be worked out based on the result of tie-breaking. Final revised ranking after consolidation shall be intimated to vendors.

## Annexure A - 2022OSB041

### (Pre-qualification Requirement for Fabrication of Heat Flux Sensor Assembly with BHEL Materials)

Questionnaire to be filled up by vendor and sent along with necessary documentary evidence

SL. NO	DESCRIPTION	Facility Requirement		DETAILS OF DOCUMENTS TO BE	YES / NO	Remarks
		In-House	Outsourced			
1	Welding machine (1 NO)	Y	NOT Allowed	List with required details to be furnished		
2	Silver Brazing/Gas Welding equipments (1NO)	Y	NOT Allowed	List with required details to be furnished		
3	Digital Clamp Meter with calibration (1 NO)	Y	NOT Allowed	List with required details to be furnished		
4	Lathe Machine	Y	Y	List with required details to be furnished.  If outsourced, Documentary proof of facility tie up for outsourcing shall be furnished along with above details of furnace		
5	Power Press of capacity minimum 20 MT	Y	Y	List with required details to be furnished (Press, tools, dies etc)  If outsourced, Documentary proof of facility tie up for outsourcing shall be furnished along with above details of furnace		
6	Drilling Machine - 1mm to 32mm (1 NO)	Y	Y	List with required details to be furnished  If outsourced, Documentary proof of facility tie up for outsourcing shall be furnished along with above details of furnace		

## Annexure A - 2022OSB041

### (Pre-qualification Requirement for Fabrication of Heat Flux Sensor Assembly with BHEL Materials)

7	Tube Bender Machine (minimum Dia 6 mm) (1 NO)	Y	Y	List with required details to be furnished  If outsourced, Documentary proof of facility tie up for outsourcing shall be furnished along with above details of furnace		
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**NOTE:**

- i. Bids fulfilling the above criteria will be considered for further techno-commercial evaluation.
- ii. Only techno-commercially accepted bidders will be considered for price bid opening.
- iii. Bidders to submit all supporting documents in English language. If documents submitted by bidder are in a language other than English, a self-attested English translated document shall also be submitted.

**(ON BIDDER'S LETTER HEAD)**

**NIT: 2022OSB041**

**Annexure B (Financial Soundness)**

I/We, \_\_\_\_\_, on behalf of the  
\_\_\_\_\_  
(Name of Company),  
Vendor Code \_\_\_\_\_ do hereby undertake the following:

Sl. No.	Description	DOCUMENT PROOF ENCLOSED (YES/NO)
1	Copy of Factory Incorporation Certificate enclosed	
2	Audited copies of annual reports (Balance Sheet and P&L account) with CA membership number for the last three years or from date of incorporation, whichever is earlier.	
3	Latest IT Return copies for the last 3 years or from date of incorporation, whichever is earlier.	
4	Certificate from banks (with Banker's seal and Authorized signature with Name/Contact details) for Credit Limit (Solvency Certificate) as given in NIT. The Solvency Certificate submitted along with their offer should be within <b>3 months</b> from the date of Part I Opening of this tender enquiry. List of Consortium Banks from whom participating Vendor can obtain the required certificate is given in Section Va of this NIT.	

**Note:**

**For a new Firm which is unable to submit Balance Sheet and IT Return copies, Solvency certificate issued by bank for a value as given in NIT and Copy of Factory Incorporation Certificate is to be submitted.**

**Signature of Authorized person with seal**

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI  
OUTSOURCING**

**List of Vendors Approved for Heat treatment by BHEL**

S.No	SAP Code	SUB-CONTRACTOR NAME	ADDRESS	Nature of HT	EMAIL-ID	PHONE NO
1	13761	JMS ENGINEERING	P.B.NO.4442 12-D/1, MADUKKARAI ROAD, SIDCO, COIMBATORE COIMBATORE 641021		jmsengineering5@yahoo.com	9894029930
2	30056	BHARAKATH METAL BUILDERS	E-31,SIDCO INDUSTRIAL ESTATE PHASE - II, VALAVANTHAN KOTTAI THUVAKUDI-TRICHY 620015		bharakathmetal@yahoo.co.in	8012590949
3	30084	NIRMAL ENTERPRISES	NO 3/989 1 ST STREET PUGAZH NAGAR (OPP.OIL MILL BUS STOP ) TIRUCHIRAPALLI KATTUR 620019		try.nent@gmail.com	0431- 2533998
4	30086	PIONEER ENGG INDS	NO2,CHENNAI BYPASS ROAD SUBARAMANIYABURAM TIRUCHIRAPALLI TRICHY-TOWN 620020		pioneereng_ind@yahoo.co.in	0431 - 2419101
5	30090	R.K METAL INDUSTRIES	32/4, III STREET,NEHRU NAGAR KAJAMALAI MAIN TIRUCHIRAPALLI TRICHY-TOWN 620023		rkmatal2003@yahoo.com	0431- 2556564
6	30114	VANGUARD INDUSTRIES	D2-B, INDL ESTATE THIRUVERUMBUR TIRUCHIRAPALLI THIRVERAMBUR 620014		van30114@yahoo.co.in	9842412672

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI  
OUTSOURCING**

**List of Vendors Approved for Heat treatment by BHEL**

S.No	SAP Code	SUB-CONTRACTOR NAME	ADDRESS	Nature of HT	EMAIL-ID	PHONE NO
7	30175	KATTHIRMALAI ENGINEERING WORKS	G1 ANCILLARY INDUSTRIAL ESTATE THIRUVERUMBUR TIRUCHIRAPALLI		katthirmalai@hotmail.com	0431- 2552423
8	30236	VIJJAAY COY INDUSTRIESS	SF44/2, SUGAR CANE ROAD MELAKALKANDAR KOTTAI TIRUCHIRAPPALLI 620011		vcitry@yahoo.com	9952411461
9	30255	DEVI STRUCTURALS	NO 7 SIDCO ANCY INDUSTRIAL ESTATE BOILER PLANT PO, THIRUVERUMBUR		devistrl@yahoo.co.in	0431 - 2556898
10	30265	JAYARAM ENGINEERING WORKS,	E-15 & 16, DEVELOPED PLOTS ESTATE, THUVAKUDI, TRICHY 620015		cmrao@jayaramengg.com	98424-55045
11	30528	SOMIAH INDUSTRIES	D-30, DEVELOPED PLOTS ESTATE, TIRUCHIRAPALLI		somiahindustries170@gmail.com	0431- 2500240
12	30825	AANBAR INDUSTRIES,	PLOT NO.22, SIDCO INDL. ESTATE THIRUVERUMBUR, TRICHY. 620014		aanbarindustries@yahoo.com	9865677577
13	32400	QUALITY INDUSTRIAL SERVICES	PLOT W111, SIDCO WOMEN'S INDL ESTATE VALAVANTHANKOTTAI THUVAKUDI TRICHY-TRICHY 620015			
14	30861	MARIA ENGINEERING ENTERPRISES,	SF.NO.22/1, TRICHY-TANJORE MAIN ROAD, ASSUR POST TRICHY-TIRUCHIRAPALLI-620 015		mariaenggenterprises@gmail.com	9865370000

**BHARAT HEAVY ELECTRICALS LIMITED  
TIRUCHIRAPPALLI  
OUTSOURCING**

**List of Vendors Approved for Heat treatment by BHEL**

S.No	SAP Code	SUB-CONTRACTOR NAME	ADDRESS	Nature of HT	EMAIL-ID	PHONE NO
15	30885	K.R.MURTHE WELDING WORKS,	NO.175,WOMEN INDUSTRIAL ESTATE, TRICHYRAPPALLI VALAVANTHANKOTTAI 620015		kr_murthe@yahoo.co.in	0431 - 2731177
16	31025	MANI NAGGAPPA MOTORS MADURAI P LTD.	MANI NAGGAPPA MOTORS MADURAI P LTD SL.NO.90/3 MADURAI-MELUR MAIN ROAD, NARASINGAMPATTI, MADURAI 625122		nagauto@gmail.com	9442257004
17	31321	WIRE AND WIRE PRODUCTS	No:21, SIDCO Industrial Estate, Phase II, Valavanthankottai TIRUCHY 620007		wwp620007@yahoo.co.in	9942622144
18	31490	DREAMZ INDUSTRY	NO.23, SIDCO INDL ESTATE TIRUVERAMBUR TIRUCHIRAPALLI 620014		dreamzindustry2012@yahoo.com	0431- 2670021
19	31841	SREE SIVA SAKTHI ENGINEERING WORKS	PLOT No.11,12 & 13, SF.No.18/1 - C AVOOR MAIN ROAD MATHUR PUDUKKOTTAI 622515		ssshangers@gmail.com	0431 - 3255561
20	31941	SOUTHERN METAL PROCESS	C-15/A DP ESTATE THUVAKUDI TRICHY 620015			9445701314
21	18979	ICE STEEL 1 PVT LTD	S3 TO S10 PHASE III, SIPCOT INDUSTRIAL COMPLEX, Ranipet – 632405		mohit.more@steel1.india.com	9047005945
22	30280	SREE ATREYA ENTERPRISES	WEST BOULEWARD ROAD 12, TAMIL SANGAM BUILDINGS TIRUCHIRAPALL – 620008.		sreatreya.enterprises@gmail.com	0431- 2703540
23	30902	VEGA ASSOCIATES	SF No.472/4c, Veerampatty Road, T.Nallur- 622515, Kulathur (Tk), Pudukkottai Distt.			

**BHARAT HEAVY ELECTRICALS LTD: TIRUCHIRAPPALLI 14**

**NON-DESTRUCTIVE TESTING / QUALITY**

**BHE:NDT:SC:APPROVALS**

**29-10-2022**

**List of Approved NDT Agencies as on 29 10 2022**

Sl.No	Name of the Firm and Address	Approved Methods	Valid upto
1	M/s G.B. NDT Engg. Services, E-52,Industrial Estate,Thuvakudi, Tiruchy-620015 Phone:(0431)2501112,2500891 email:gbandt.xrayengg@yahoo.com	RT, UT, MT, PT	31-05-2024
2	M/s C Premier NDE Services, CP-17, Electrical and Electronics Industrial Estate, Thuvakudi, Tiruchy 620015 Phone (0431)2500878 , 9842455733 email:premierndt@yahoo.com, venu.raj_1954@yahoo.com	RT,UT	31-05-2024
3	M/s Super Quality Services, 95,SQS Building, Near Police Station, Palakkarai Main Road, Trichy-620001Phone (0431)2415087,2414218, Fax-0431- 2464218 E-Mail:sqsndt@yahoo.co.in	RT, UT, MT, PT	31-05-2024
4	M/s Industrial Radiographic Inspection Company SP-111, South Avenue, Ambattur Industrial Estate,Chennai 600 058 Phone: 044-26253235,26250790,26255602, Fax-044-26255838 e-mail : info@iricondt.com	UT,RT,MT,PT	31-05-2024
5	M/s Everest Industrial Radiographer, "GREEN LAND", 1/25, Arisipalayam, Coimbatore-641032 Phone:0422-2638148,2638348, Cell:9843011031 (A.Rathinam) email: everestndt@gmail.com	RT	31-05-2024
6	M/s KGB Inspection Services, P-16, Electrical & Electronics Industrial Estate, Thuvakudi, Tiruchirappalli 620015 Phone (0431)2500164, 9842453258(Kumaran) email:kgbist2002@yahoo.co.in	RT, UT, MT, PT	31-05-2024
7	M/s Supreme Excel NDT Services, II Floor, Vairam Memorial Complex 24-A/B, Jeeva Street, Subramaniapuram, Tiruchirappalli - 620020 Phone:(0431)2333528, 2501241 e-mail:ndtsrvcs2008@yahoo.co.in	RT, UT, MT, PT	31-05-2024
8	M/s.NDE Inspections, 50,Raja Colony, 4th Cross,Collector Office Road, Trichy-620001. Phone (0431)2416388 , 9345499916 e-mail:ndeinspections@gmail.com, www.rla-ndeinspections.com	RT,UT, MT,PT	31-05-2024
9	M/s Sri Vinayaga NDT Inspection Services, SF 303, Peria Thottam, Kadathur Road, Coimbatore- 641 107. Phone 0422-2653640, 9443027274(Shanmugam) email:svndt@yahoo.co.in	RT,PT,MT,UT	31-05-2024
10	M/s.Sri Shanmuka NDT & Inspection Services, 701, Avoor Road, Mathur, Pudukottai Dist-622515. email:shanmukandt@gmail.com Mobile:9486675664	RT,UT	19-08-2024

**BHARAT HEAVY ELECTRICALS LTD: TIRUCHIRAPPALLI 14**

**NON-DESTRUCTIVE TESTING / QUALITY**

**BHE:NDT:SC:APPROVALS**

**29-10-2022**

**List of Approved NDT Agencies as on 29 10 2022**

11	M/s Engineering Quality Inspection Services, 2 / 166 A, Mettukuppam Road, Vanagaram, Chennai- 600 095. Phone:044-24764770, Fax:044-24764773, E-mail: jstephenraj.eqis@gmail.com	PT,RT,UT,MT	31-05-2024
12	M/s SAKTHI RADIOGRAPHIC INSPECTION COMPANY, No 1 / 1-14, Rajiv Gandhi Nagar, Walajapet 632 513 Phone 04172-230344, 245264 Cell:9443246128 email:srico.ndt@gmail.com	RT	31-05-2024
13	M/s Test Ray's Inspection Services, S.F 413 / 3B, Mopperi Palayam,Palladam Taluk, Coimbatore-642654 Ph:0421-3269845, Mobile9600944001, 02,03 Email:tiesndt@gmail.com	RT	30-04-2024
14	M/s Curie Best Services, 359 / 1, 2 Kanthampalayam, Sembianallur(Village),Avinashi- 641654Mobile:9486774627(Balakrishnan) 9942984241(Murugappan) email:curiebestservices@gmail.com	RT	30-04-2024
15	M/s.BECQUEREL industries Pvt Ltd.33,Rushikesh,Ingole Nagar,Modern Co-op.Hsg.Society,Wardha Road, Nagpur.440 005.Cell +91-9822565879.E- mail:info@biplndt.com	RT,UT,MT,PT	10-02-2024
16	M/s METALFAB HIGHTECH (P) LTD E 21-25, MIDC, INDUSTRIAL AREA, HINGNA NAGAR, NAGPUR-440 028 Ph:07104-234240 e-mail:mfhpl@hotmail.com planning@metalfabhightech.com A.K.GHOSH-09922900206	RT,UT,MT,PT	21-12-2022
17	M/s.COSMIC INSPECTION SERVICES Works:SF.No:475/2D,Sellappampalayam Road, Near LRT Foundry, Ponnadampalayam, Kannur Post, Coimbatore-641659, E-Mail: cosmicinspectionsservices@gmail.com Mob:+91-9894670567-Mr.S.Esakki.	RT	23-07-2024
18	M/s Coimbatore Industrial Radiographers, S.F.No 221, Therkku Thottam, Othakkal Mandapam, Coimbatore-641032.Mobile:99443243201, email:cirndt@gmail.com	RT	01-11-2022
19	M/s.CUTECH SOLUTIONS INDIA PVT TLD, No-152, 2nd Floor, Tap Turbo Park, 4th lane, First Main Road,21st phase, Ambattur real estate, Chennai-600058 Phone:044-43023170 Mayuran-9043717310	RT,UT,MT	01-11-2022
20	M/s. National Radiographic Inspection Co Pvt Ltd, A22,F/1,Brindavanam Flats,5h Avenue, Banu Nagar, Pudur, Chennai-600053 E-Mail:info@nricndt.co.in, snmoorthy@nricndt.co.in 0461-6540529,09246643275	RT	22-02-2024

List of vendors for Blasting and Painting

Vendor	Vend name	Rate Sch	Description	Address	City	telephone	phone	email
10845	KUMAR INDUSTRIES	OSBBLAST	BLASTING AND PAINTING(FINANACIAL ISSUE)	35325	TRICHY	0431-2500493	98424-79079	kumar_industry@yahoo.com
13749	APT GLOBAL MARINE ENGINEERING PVT.L	OSBBLAST	Blasting and Painting	208187	CUDDALORE DIST.	0414-221 7051	9442170633	accounts2.india@aptglobalmarine.com
14343	VRINDA ENGINEERS PVT.LTD	OSBBLAST	Blasting and Painting	213505	BHILAI	0788 2227 4576		bw@vrindaengineers.com
14439	MANGAY INDUSTRIES	OSBBLAST	Blasting and Painting	215413	VENDAYAMPATTI.	9884046216	9840096216	mangayindustries@gmail.com
14542	PINAX STEEL INDUSTRIES PVT.LTD	OSBBLAST	BLASTING AND PAINTING	216486	KOLKATA.	06124-2266124	9263188410	steel@pinaxgroup.in
15439	FIROZE FABRICATORS.	OSBBLAST	BLASTING AND PAINTING	228791	METTUR DAM	0429 822 2322	04298222322	firoze.mettur@gmail.com
13757	FABRIMAX ENGINEERING PVT.LTD.,	OSBBLAST	BLASTING AND PAINTING	208188	NAGPUR	0710-423 2777		fepl_ngp@rediffmail.com
14019	KOTHARI CHEMICALS	OSBBLAST	BLASTING AND PAINTING	211856	BHILAI	07882974016	9302291000	kcenggdiv@gmail.com
14548	UNI PROFILES PVT.LTD	OSBBLAST	Blasting and Painting	216524	RAJGANGPUR.	0661-2660542		uniprofiles@uniprofiles.in
15223	CONTECH ENGINEERS PVT LTD.	OSBBLAST	BLASTING AND PAINTING	227282	PUDUKOTTAI.	0432 224 4058		contechengrs@gmail.com
15283	M.L.S ENTERPRISES PVT LTD.	OSBBLAST	Blasting and Painting	228139	PUDUKOTTAI DIST.	0433 9250544	9842722776	mlsenterprises2012@gmail.com
15291	TRP ENGINEERING	OSBBLAST	Blasting and Painting	228140	THANJAVUR	0431 2500305	9842479992	trpengg@yahoo.com
15438	VUJI ENGINEERING	OSBBLAST	BLASTING AND PAINTING	228744	TRICHY.	9363698603	6369821480	vijiengg1971@gmail.com
15239	EESA FABRICATOR PVT LTD	OSBBLAST	BLASTING AND PAINTING	227459	VELLORE-	0416 2915159		senthil@eesafpl.com
15468	FERRO METALS	OSBBLAST	BLASTING AND PAINTING	229301	BHILAI-	0788-4086044	9009491999	ferro_metals@yahoo.com
15529	SAHARANPUR ENGINEERING WORKS	OSBBLAST	BLASTING AND PAINTING	230257	UTTAR PRADESH-	0132 2790203	0 9837069115	sewpl@rediffmail.com
15787	MPIL STEEL STRUCTURES LTD.,	OSBBLAST	Blasting and Painting	232118	THANE	025 2527 0801		alok.gupta@mpil.in
15997	RMK ENGINEERING	OSBBLAST	BLASTING AND PAINTING	234526	MATHUR.	9965597722	9842286314	rmkengg@gmail.com
16867	VRINDA ENGINEERS P.LTD.,	OSBBLAST	Blasting and Painting	95457	KOLKATA	033-22274576	94334-96753	vefab@vrindaengineers.com
16868	ATMASTCO LIMITED	OSBBLAST	Blasting and Painting	95458	BHILAI.	0788-2290064	98261-63926	atmastco.group@gmail.com
17729	NECO HEAVY ENGINEERING AND	OSBBLAST	BLASTING AND PAINTING	248250	NAGPUR	07104 325682	0 93703 14479	gautam.mohanty@necoindia.com
17997	METAL FAB HIGHTECH PVT. LTD.,	OSBBLAST	Blasting and Painting	118432	NAGPUR	7104-231240		mfppl@hotmail.com
18025	GISF ENGINEERING PRIVATE LIMITED	OSBBLAST	Blasting and Painting	118424	ISHOPUR	01732-203307		greatindiaunit2@gmail.com
18029	CORE FAB PROJECTS PVT. LTD	OSBBLAST	Blasting and Painting	118428	BHILAI	7882296086		corefab@rediffmail.com
18227	SIMPLEX ENGINEERING & FOUNDRY	OSBBLAST	BLASTING AND PAINTING	121936	BHILAI	7882381054	7882381055	nipul.shah@simplexengg.in
18579	SG HEAVY ENGINEERING PVT LTD	OSBBLAST	BLASTING AND PAINTING	255819	PALGHAR.	022 6756 4849	0 99670 02544	deepak.goyal@vggroup.org
19655	CAPACITE STRUCTURES LIMITED	OSBBLAST	Blasting and Painting	180986	THANE.	0256-645601-25		cscapacite@gmail.com
19723	KRISHNAA LAKSHMI ENGINEERING	OSBBLAST	BLASTING AND PAINTING	265303	PUDUKKOTTAI	0 9942984421	0 9942984421	krishnaalakshmiengg@gmail.com
30056	BHARAKATH METAL BUILDERS	OSBBLAST	Blasting and Painting	24187	THUVAKUDI	8012590949	9842815916	bharakathmetal@gmail.com
30181	FIVE STAR INDUSTRIES	OSBBLAST	Blasting and Painting	30369	MATHUR	04339-250569	9842450569	fivestarin@gmail.com
30255	DEVI STRUCTURALS	OSBBLAST	BLASTING AND PAINTING	33785	THIRUVERUMBUR	98422 08032	9942911030	devistr1@yahoo.co.in
15843	RAMNATH IRON & STEEL INDUSTRIES	OSBBLAST	BLAST CLEANING AND PAINTING	233224	HOWRAH.	0 99039 71567		rammathiron@gmail.com
17023	PRUDENT ENGG	OSBBLAST	BLAST CLEANING AND PAINTING	241094	ARCOT	9585454728	9585454728	prudentengg@gmail.com
18937	BANSAL FABWEL INDUSTRIES	OSBBLAST	BLAST CLEANING AND PAINTING	258832	JHANSI.	9415055435	9415055620	bansaljhansi@gmail.com
16762	WELDKRAFT	OSBBLAST	BLASTING AND PAINTING	239294	PUDUKKOTTAI	04339-250563	9842450569	weldkraftin@gmail.com
17159	SURIYA ENGINEERING WORKS	OSBBLAST	BLASTING AND PAINTING	243647	THANJAVUR	0 94435 34224		suriyaengg@yahoo.com
30352	TOOL FAB ENGINEERING INDUSTRIES	OSBBLAST	Blasting and Painting	38701	Tiruchirappalli	0431 250 0480	2500758	vasu@toolfabengg.in
30378	REGIONAL ENGG. WORKS	OSBBLAST	Blasting and Painting	38727	Tiruchirappalli	0431-2500187	2441767	regionalengineeringworks@gmail.com
30386	SREE KAMAKSHI INDUSTRIES	OSBBLAST	Blasting and Painting	38735	Tiruchirappalli	0431-2500170	2510870	skihf2013@gmail.com
30710	SALEM AUTOMECH (INDIA) Pvt. LTD.,	OSBBLAST	Blasting and Painting	72736	SALEM.	0427-2902596	97902 33635	salemautomechltd@gmail.com
30856	AMARNATH ENGINEERING INDUSTRIES	OSBBLAST	Blasting and Painting	83572	THUVAKUDI	9842403881	9842403881	amarnath.engg@gmail.com
30863	REGIONAL ENGINEERING ENTERPRISES	OSBBLAST	BLASTING AND PAINTING	83579	TRICHY	8012591072	0431-2500187	regionalengineeringenterprises@gmail.com
30899	SUN ENGINEERING (UNIT-II),	OSBBLAST	Blasting and Painting	84123	PUDUKKOTTAI	04322-244777	9865171961	vairava_r@yahoo.com
30901	VASAN ENGINEERING INDUSTRIES	OSBBLAST	Blasting and Painting	84125	KULATHUR TK,PUDUKKOTTAI	04339-250425	9842450518	vasan.engineering@gmail.com
30970	PRADEEP ENGINEERING ENTERPRISES,	OSBBLAST	Blasting and Painting	90670	RANIPET	04172-291860		pradeepengv66@yahoo.com
31025	MANI NAGGAPPA MOTORS MADURAI P.LTD.	OSBBLAST	BLASTING AND PAINTING	95691	MADURAI	9344101699	9442257004	nagauto@gmail.com
31062	TANJORE INDUSTRIALS	OSBBLAST	BLASTING AND PAINTING	98165	TRICHY	9842412121		tanj_indus06@yahoo.com
31157	SMK AUTOMATICS WORKS	OSBBLAST	BLASTING AND PAINTING	102854	TANJORE	9443747803	9443747803	smkautowork@yahoo.com
31160	ARONE INDUSTRIES	OSBBLAST	Blasting and Painting	102987	TRICHY	9842415332	9842415332	arone.ind@gmail.com
31285	DEVIBALA STRAKTURAL	OSBBLAST	Blasting and Painting	110509	THANJAVUR DIST	9444344765		devibalastraktural@yahoo.com
31371	AIRTECH ENGINEERS	OSBBLAST	Blasting and Painting	123551	THANJAVUR	9842419388	0431-6547047	airtechengrs@gmail.com
31372	MAHANDRA INDUSTRIES	OSBBLAST	Blasting and Painting	123552	TIRUCHIRAPALLI	022 - 5612567	9442661862	samymuthu85@yahoo.com
31373	STAR ENTERPRISES	OSBBLAST	Blasting and Painting	123553	TANJORE	9688333300		starenterprisestrichy@gmail.com
31664	JJ INDUSTRIES	OSBBLAST	BLASTING AND PAINTING	173585	TRICHY	9789165090	9789165090	jjsahayaraj@yahoo.com
31675	NBS FAB TECH PVT. LTD.,	OSBBLAST	BLASTING AND PAINTING	181036	THANJAVUR DIST.	98429 77211	98424-15611	nbsfab@gmail.com
31725	FIVE STAR ENGINEERING INDUSTRIES	OSBBLAST	Blasting and Painting	192591	TRICHY	9965278238	9965278238	starfive38@yahoo.co.in

List of vendors for Blasting and Painting

Vendor	Vend name	Rate Sch	Description	Address	City	telephone	phone	email
31787	TJSV STEEL FABRICATION&GALVANIZING(	OSBBLAST	BLASTING AND PAINTING	200616	UDUMALPET	9489092024	94890-92002	marketing@tjsgalvan.com
32241	SUCCESS ENGINEERING INDUSTRIES	OSBBLAST	Blasting and Painting	235520	TANJORE	04362-221306	9698120202	successengginds@yahoo.com
32275	MARKHS ENGINEERING WORKS	OSBBLAST	Blasting and Painting	237648	Navalur Villag, Thanjavur	9842015953		markhsengtry@gmail.com
32305	J.R ENGINEERING WORKS	OSBBLAST	BLASTING AND PAINTING	241724		0431-2511446	9843144430	rosan80@gmail.com
32310	CORROSION PROTECTION ENGINEERS INDI	OSBBLAST	Blasting and Painting	244810	VELLORE	9686111985	9686111973	corrosionprotectionindia@gmail.com
32345	TIRUCHIRAPPALLI ENGINEERING AND	OSBBLAST	Blasting and Painting	248070	TRICHY	0431 2500606	0431 2421050	treat.trichy@gmail.com
32385	VISHWAA ENGINEERING	OSBBLAST	Blasting and Painting	251946	TRICHY	0431-2502589	9750965589	rmayilan18@gmail.com
32420	SRI GANESHA ENTERPRISES	OSBBLAST	BLASTING AND PAINTING	256558	THANJAVUR	8012533367	8012590525	sriganashaenterprises2016@gmail.com
32450	GLOBAL ENERGY PRODUCTS	OSBBLAST	BLASTING AND PAINTING	261063		0431-2731222	9944 369 111	globalenergyproducts.trichy@gmail.com
32460	ESR INDUSTRIES	OSBBLAST	BLASTING AND PAINTING	263608	TANJORE	9750075557		esrind16@gmail.com
100125	SHREE SAI INFRA INDIA PVT LTD	OSBBLAST	BLAST CLEANING AND PAINTING	273042	BHILAI	0788-2352864	94792 59639	th.singh@shreesaiinfra.org
100380	PINAXIS HI TECH ENGINEERING PVT LTD	OSBBLAST	BLAST CLEANING AND PAINTING	275520	DIST: KHEDA	7984122058	9725346881	info@pinaxisengg.com
100381	SUJAY INDUSTRIES	OSBBLAST	BLAST CLEANING AND PAINTING	275521	PUNE	9890704049	9822197743	sujay.industriespune@gmail.com
100576	GOODLUCK INDIA LIMITED	OSBBLAST	BLASTING AND PAINTING	277898	GHAZIABAD	9910496317		anindya.baksi@goodluckindia.com
32605	HARYANA STEEL MONGERS PVT. LTD.	OSBBLAST	BLASTING AND PAINTING	302054	HARYANA	01244183330	9810403388	haryanasteelmongers@gmail.com
32405	MARIYA INDUSTRIES	OSBBLAST	BLASTING AND PAINTING	255421	Pudhukottai	93622 12701	93622 12701	mariyainds@yahoo.com









Mat Group	Vendor No	Vendor Name	Material Group Description	Material Group Long Description	GROUP DESCRIPTION	Vendor Type	Partner	BARTNER NAME	CITY	REGION	COUNTRY	EMAIL	Spec/Refutation	TDC	ADDRESS	ADDRESS	ADDRESS	TRANSFORMER	CITY	POST CODE	PHONE1	PHONE2	Ref	Jan Date#
WCC04	11477	HONAVAR ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MUM	MAHAR	INDIA	hel@hel.com	F7018-1	WCCP-204	305, 309, 3RD FLOOR,	DAMI SHAMI INDUSTRIAL COMPLEX	31, B S MARG, KURLA(WEST)	MUMBAI	MAHARASHTRA	400020	022-25000317		ULTIMATE-18 (SPL)	2024-01-14
WCC04	18444	INDOZ WELD INDIA	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			DEL	HARY	INDIA	info@indoz.com	F7018-1	WCCP-204	C-38, PHASE-3B, ECIAL POINT,	INDIA INDUSTRIAL AREA,	SAWNER ROAD	INDORE	INDORE	452005	0731-4292222	0984018181	INDOZ-0333	2024-01-14
WCC04	20081	ESAB INDIA LTD	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			TN	CHE	INDIA	sukumar.chakrabarti@esab.co.in	F7018-1	WCCP-204	Southern Region Office	No. 13, 3rd Main Road	Ambattur Industrial Estate, Ambattur	CHENNAI	CHENNAI	600033	044-4340-4803	0000-77004	ESAB FERROSEED	2024-01-14
WCC04	18486	COMGAM ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MP	IND	INDIA	comgampvt@rediffmail.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	18440	KOLUPARA ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			AP	KR	INDIA	koluparaelectrodes@hotmail.com	F7018-1	WCCP-204	102, 1/3, MALAYAN MAIN ROAD,	SEENAPALLE	KRISHNA	KRISHNA	521119	0843-21-72311		REARAC-7018	2024-01-14	
WCC04	18705	MODI HITECH INDIA LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MP	IND	INDIA	modiindustries@gmail.com	F7018-1	WCCP-204	BEHIND DHAVATI MODI ACADEMY,	MEERUT NIZADFARNAGAR ROAD,	MEERUT	MODIUPHAR	201110	011-4260-4577	073173-92700	GM-18	2024-01-14	
WCC04	18774	OBH SICHON ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MP	IND	INDIA	obhsichon@rediffmail.com	F7018-1	WCCP-204	P.8 NO.3	44-KALUN, ESTATE KALAMANDAM,	INDORE	INDORE	452006	0731-4292222	0984018181	SUPRATHARME	2024-01-14	
WCC04	13342	AUTRON FINEMET PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	autronfinemet@gmail.com	F7018-1	WCCP-204	1/107, NO. 16, 3RD I.D. INDUSTRIAL	AREA BATTOR,	NAAGPUR	NAAGPUR	440118	0734045567		SARTON LH-7018	2024-01-14	
WCC04	13311	OBH INDIA LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MP	IND	INDIA	obh@obhsichon.net	F7018-1	WCCP-204	1/107, NO. 16, 3RD I.D. INDUSTRIAL	AREA BATTOR,	NAAGPUR	NAAGPUR	440118	0734045567		SARTON LH-7018	2024-01-14	
WCC04	13206	VOSTALUMI BOLLER WELDING	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			DL	DEL	INDIA	manu@vostalumi.com	F7018-1	WCCP-204	11 FLOOR, P-21, OFFICE NO. 201-D,	CORPORATE PARK, SEC-23	DELHI	DELHI	110075	011-6530-3300	099600-97748	ULTRA-7018	2024-01-14	
WCC04	18300	SUPERNO SHOWS STEEL CONDU INDIA LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			HR	RAJ	INDIA	super@superno.com	F7018-1	WCCP-204	391, 3RD FLOOR, P-21, OFFICE NO. 201-D,	CORPORATE PARK, SEC-23	DELHI	DELHI	110075	011-6530-3300	099600-97748	ULTRA-7018	2024-01-14	
WCC04	13202	INDOZ WELDING WIREZ PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			TN	CHEN	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	13243	SUNDEE P ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			UP	RAJ	INDIA	sun.dee@rediffmail.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	18413	INDOZ WELDING WIREZ PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			UP	RAJ	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	18206	SHI RANGA ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			TN	TRIE	INDIA	shiranga@rediffmail.com	F7018-1	WCCP-204	4772, GANAPATHI NAGAR,	ARIVANMANGALAM	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	14791	ANAND ARC LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			TN	MADE	INDIA	anandarc@gmail.com	F7018-1	WCCP-204	301, TRADE CENTRE,	BANDRA KURLA COMPLEX (WEST),	BANDRA EAST	CHENNAI	MUMBAI	400005	022-4263-8484		ANAND THERME	2024-01-14
WCC04	13244	VARUN ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MP	IND	INDIA	varun@varun.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	20084	SHI LAMBI ELECTRODES CO.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			UP	DEL	INDIA	shilambi@gmail.com	F7018-1	WCCP-204	P-2-2, 105 TO 108/2,	GANESH CHAMBER, BANINGALI ROAD,	SECUNDRABAD	SECUNDRABAD	500033	080-27752032	086-2773799	SUPER AD THERM E-7018	2024-01-14	
WCC04	18386	BBH ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			HR	RAJ	INDIA	info@bbh.com	F7018-1	WCCP-204	11 FLOOR, P-21, OFFICE NO. 201-D,	CORPORATE PARK, SEC-23	DELHI	DELHI	110075	011-6530-3300	099600-97748	ULTRA-7018	2024-01-14	
WCC04	18403	PHOENIX ELECTRODES PVT. LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			TN	TRIE	INDIA	phoenix@rediffmail.com	F7018-1	WCCP-204	11 FLOOR, P-21, OFFICE NO. 201-D,	CORPORATE PARK, SEC-23	DELHI	DELHI	110075	011-6530-3300	099600-97748	ULTRA-7018	2024-01-14	
WCC04	18408	WELD EXPERTS INDIA LTD.	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	weldexperts@gmail.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	13800	SEE LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	see@see.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	18785	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	Welding Consumables	Manufacturer			MH	MUM	INDIA	indoz@indoz.com	F7018-1	WCCP-204	1/2, RAJEEV COMPOUND,	CHINHI GHALATI CHOURAHA,	INDORE	INDORE	452001	0731-2029246	098790-30008	SUPRA GREEN	2024-01-14	
WCC04	182748	INDOZ WELDING LIMITED	WELDING ELECTRODES SMA	WELDING ELECTRODES SMA	W																			

Mat Group	Vendor No	Vendor Name	Material Group Description	Material Group Long Description	GROUP DESCRIPTION	Vendor Type	Partner	PARTNER NAME	CTRY	REGION	COUNTRY	EMAIL	Spec/Evaluation	TDC	ADDRESS	ADDRESS	ADDRESS	TRANSFORMER	CITY1	POST CODE1	PHONE1	PHONE2	Brand	Std Detail		
WCC00	17813	K.M.CROWN WELDING CONSUMABLES PVT	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			MP	DEW	INDIA	kmcrowmed@aol.com	E7018	WCPY204	BLOCK NO.56A,56B & 57A,	INDUSTRIAL AREA NO.1	A.B.ROAD,		INDORE	DEWAS	455001	0727225984878		CROWN 18	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	17644	VARUN ELECTRODES PVT. LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			HR	PAN	INDIA	varun@varunelectrodes.com	E7018	WCPY204	H-56 INDUSTRIAL AREA,		PANIPAT	PANIPAT	131013	01802633006			PRIMA7018	DA 2.50 X 3.15 X 4.00 X 5.00		
WCC00	17643	SUNDEEP ELECTRODES PVT. LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			HP	HAP	INDIA	Sun_ah@yaho.co.in	E7018	WCPY204	BULANDSHAH ROAD,		GAZABAD	HARID	245101	01221311608	0985820462		SUNDEEP 7018	DA 2.50 X 3.15 X 4.00 X 5.00		
WCC00	17461	WELDFAST ELECTRODES PVT.LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			MH	NAG	INDIA	weldfast@gmail.com	E7018	WCPY204	G-37 CB-56 M.I.C.E.		HINNA INDUSTRIAL AREA,	NAGPUR	NAGPUR	440016	07104132217	09423808860		WELDFAST LH 18	DA 2.50 X 3.15 X 4.00 X 5.00 MM	
WCC00	16548	WELD EXCEL INDIA LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	WUD	INDIA	excel@weldingindia.com	E7018	WCPY204	D-230 PHASE VII,		FOCAL POINT	LUDHIANA	LUDHIANA	141000				EXCEL 18	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	15900	RAJKESH ELECTRODES PVT.LTD	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			RI	UDA	INDIA	rajkesari@yahoo.com	E7018	WCPY204	S. RAJNEERA NAGAR (PRATAP NAGAR)		UDAIPUR	UDAIPUR	315001	0294390953			SUREFIT 18	DA 2.50 X 3.15 X 4.00 X 5.00		
WCC00	15086	SRI RENGIA ELECTRODES (P) LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			TN	TRE	INDIA	sunshine_rengia@yahoo.co.in	E7018	WCPY204	137/3, GANAPATHY NAGAR,		ARIYAMANGALAM	TRECHY	TRECHY	620002	083125001473			SUNSHINE 18	DA 2.50 X 3.15 X 4.00 X 5.00MM	
WCC00	15085	VOLTARC ELECTRODES (P) LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			AP	VIL	INDIA	voltarc@rediffmail.com	E7018	WCPY204	20-77, FIRST MAIN,ROYAL NAGARA,	H.O.SURVATHO,	S.C.ROAD, P.B.NO.33	TIRUPATHI	TIRUPATHI	517501	0877244662			SHEFARC E-7018	DA 2.50 X 3.15 X 4.00 X 5.00 MM	
WCC00	15083	MARUTHI ELECTRODES (P) LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			KA	BAN	INDIA	maruthi@cl@b.vsnl.net.in	E7018	WCPY204	118-5TH FLOOR MARUTHI TOWER		AIRPORT ROAD,KODHALLU	BANGALORE	BANGALORE	560008	0802527844			MARUTHI 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	102009	EXCEL CRAFT PRIVATE LTD	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			KA	BAN	INDIA	manoj@excelcraft.net	E7018	WCPY204	PLOT NO 14B, 4TH PHASE, 7TH MAIN ROAD,		BOMMASANDRA INDUSTRIAL AREA,	YARANDAHALLI	BANGALORE	BANGALORE	560095	789748732			MEDICARB-7018	2.5, 3.15, 4.0, 5.0MM
WCC00	05180	COMINT SYSTEMS AND SOLUTIONS PVT.LT	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			TG	SEC	INDIA	comint@comintindia.com	E7018	WCPY204	PLOT NO 54, SAMRAT COLONY		WEST MARRERDALLY,	SECUNDRABAD	SECUNDRABAD	500026	08027802215	0849950840		BRAVUD E 7018	DA 2.5 X 3.15 X 4.0 X 5.0 MM	
WCC00	15082	ROYAL WELDING WIRES PVT. LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			TN	KAN	INDIA	admin@royalwires.in	E7018	WCPY204	7,KARANJA PUDUCHERRY VILLAGE,		VIALIRAPAKAM,	KANCHIPURAM	KANCHIPURAM	603202	04437411610	0841027867		ROCKSON 18H	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	16432	VISEY ELECTRODES AND WIRES PVT	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			TN	CHN	INDIA	valsey@yahoo.co.in	E7018	WCPY204	NO.4, MUTHUPALANAPPA NAGAR,		NAGALNIZAL CHROMPET,	CHENNAI	CHENNAI	600044	04422881008	04444040493		VIASEY 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	16433	NUCOR WELDINGWIRE PVT.LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			KA	BAN	INDIA	valsey@nucoresales.com	E7018	WCPY204	NO.3,ARAD VEERASANDRA,	INDUSTRIAL AREA,	ELECTRONIC CITY POST,	BANGALORE	BANGALORE	560100	08027842513	04843445731		ENDOWELD	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	13211	ROYAL ARC ELECTRODES LIMITED	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			MH	MUM	INDIA	royalarc@rediffmail.com	E7018	WCPY204	OPP. KESARIA IND ESTATE,		MALAD (WEST)	MUMBAI	MUMBAI	400064	02228822734	02228820238		ROYAL THERM	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	15833	THRIVANILA ELECTRODES CO.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			TN	TRE	INDIA	thrivanila@yahoo.co.in	E7018	WCPY204	55, 17B 'S' TYP,		SECO INDUSTRIAL ESTATE,	THOZHAKUDI	TRECHY	TRECHY	620015	03114073566	0447444005		SEVEN ARCS-18	DA 2.50 X 3.15 X 4.00 X 5.00
WCC00	13763	CLASSIC ELECTRODES (INDIA) LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	KOL	INDIA	classic@rediffmail.com	E7018	WCPY204	1, BONFIELD LANE		2ND FLOOR,	CALCUTTA	KOLKATA	700001	03322829581			CLASSIC LH 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	15487	MAGNARC ELECTRODES PVT.LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			AP	VIS	INDIA	magnarc@hotmail.com	E7018	WCPY204	BENDUPETH			VIZAG	VISAGAPATNAM	511173	08912764381			MAGNARCHELH	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	13308	THE INDIAN S&L WIRE PRODUCTS LTD	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			RI	UDA	INDIA	info@indianwire.com	E7018	WCPY204	40, JODHA NAGAR,		JAMSHEDPUR,	JAMSHEDPUR	JAMSHEDPUR	831001	06574012744			INDIAN SPARK 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	12023	BIRDMAN ELECTRODES PVT.LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	KOL	INDIA	birdman@rediffmail.com	E7018	WCPY204	31, THAKURPUR (IN) W/ROAD,		P.O. RADULNIST-14 PANSAMANE,	CALCUTTA	KOLKATA	700148	03324262019			BIR 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	17214	CALCUTTA ELECTRODES PVT. LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	KOL	INDIA	calcutta_electrodes2006@yahoo.com	E7018	WCPY204	14,848 PATEL TIMBER MARKET,		BHADRAPUR,	KALPI	KALPI	893721	0721400655			BHADRAPHASE 18	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	16816	COSMOS ELECTRODES PVT. LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	KOL	INDIA	cosmos@rediffmail.com	E7018	WCPY204	47,2/3B COMPOUND,		CHHOTI GHAULTI CHOURAMA,	INDORE	INDORE	452001	0731207046	09872030208		SUPRA MASA 18	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	16429	ALPHA FLUX & ELECTRODES	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			TN	TRE	INDIA	l.vasanth@alphaflux.com	E7018	WCPY204	178/2, A2, THIRUPUR ROAD,		PULIEMAN, MAUSURI, T.K.	TRECHY	TRECHY	621006	04337294169	0842423885		SUPER WELD 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	13542	SATRON ENGINEERS PVT. LTD.	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			MH	NAG	INDIA	satron@satron.com	E7018	WCPY204	PLOT NO. A-36 M.I.C.E. INDUSTRIAL		AREA BATION,	NAGPUR	NAGPUR	440118	07104265587			SATRON LH 7018	DA 2.50 X 3.15 X 4.00 X 5.00MM	
WCC00	11178	MALAM INDIA PRIVATE LIMITED	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			PN	COV	INDIA	malam@malamindia.com	E7018	WCPY204	NO. 13/7, MALAM MAIN ROAD,		SEDMARPET,	PONDICHERY	PONDICHERY	605111	04112677311			MAL. ARC 18	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	10735	ADON WELDING LIMITED	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			MH	MUM	INDIA	adon@adonwelding.com	E7018	WCPY204	1, CHORBATI MARKETING OFFICE,		P.B. NO. 2, CHINCHWAD,	MUMBAI	PUNE	411019				SURABAR 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	11528	BAIRATHNA ELECTRODES LTD	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			GJ	AMH	INDIA	mbg@bairathna.com	E7018	WCPY204	31, SONARODI, OPP. LAUNGBUNG,			AHMEDABAD	AHMEDABAD	380006	0794465218			BATHNA 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	11480	MAHU ELECTRODES PVT.LIMITED	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	NAG	INDIA	mahuelectrodes@rediffmail.com	E7018	WCPY204	111, BARANAGARA APARTAMENT,		CHHAPRI NAGAR SQUARE,	CENTRAL AVENUE BAGAR	NAGPUR	NAGPUR	440008	07111734895			MAGHAFAL E 7018	DA 2.50 X 3.15 X 4.00 X 5.00
WCC00	10728	ALPHA ARC PVT LTD	E7018 SMAW Electrode	E7018 SMAW Electrode (Structural) - TDC WCR204 - E7018	Welding Consumables	Manufacturer			WB	KOL	INDIA	alphaarc@yahoo.com	E7018	WCPY204	S-5 SECTOR AGAS TRONICA CITY		INDIA	GAZABAD	GAZABAD	800046	03991414441	02020692360		ALPHA 7018	DA 2.50 X 3.15 X 4.00 X 5.00	
WCC00	10300	SATRA ENTERPRISES LTD.	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Indian Agent	23660	CHOSHUN WELDING CO. LTD	JP	AMM	INDIA	satra@yahoo.com	E7018	WCPY507	16-15, NEW MADHAVPURA MARKET,		SHANBAUNG ROAD,	AMHAMEDABAD	380004	07925620552	07925624445		CS-701	DA 1.2MM		
WCC00	13911	ROYAL ARC ELECTRODES LIMITED	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Manufacturer			MH	MUM	INDIA	royalarc@rediffmail.com	E7018	WCPY507	OPP. KESARIA IND ESTATE,		MALAD (WEST)	MUMBAI	MUMBAI	400064	02228822224	02228820238		ROYAL RL 0539	DA 1.2MM	
WCC00	10029	THE SANGHVI INDIAN ELECTRIC	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Manufacturer			WB	KOL	INDIA	the_sanghvi@rediffmail.com	E7018	WCPY507	1, ANE SURESH IND ESTATE,		ROJANAG, SHANBAUNG MARKET,	MUMBAI	MUMBAI	400001	02213403664			THE 701	DA 1.2 X 1.6MM	
WCC00	10180	THE IN ELECTRODS CO. LTD.	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Manufacturer	14626	THE IN LIMITED, WELDING GROUP	TH	TAI	TAIWAN	thein@rediffmail.com	E7018	WCPY507	GAFF-4th Road,		Renhe Dist.	Tainan City 747	TAINAN CTY 747		0866089221251			THE 1.2 & 1.6MM		
WCC00	11178	MALAM INDIA PRIVATE LIMITED	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Manufacturer			PN	COV	INDIA	malam@malamindia.com	E7018	WCPY507	NO. 13/7, MALAM MAIN ROAD,		SEDMARPET,	PONDICHERY	PONDICHERY	605111	04112677311			MLA-13	DA 1.2 MM (DEVT IN DIA 1.6MM)	
WCC00	16429	ALPHA ARC PVT LTD	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Indian Agent	20093	DISHEL LTD.	TN	COE	INDIA	alphaarc@yahoo.com	E7018	WCPY507	C-50, 4TH AVENUE, BOJAN		GANNUR INDUSTRIAL ESTATE,	CHENNAI	INDORE	452001	04448343154			E-207	DA 1.2 X 1.6MM	
WCC00	13111	IBRA INDIA LIMITED	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Manufacturer			WB	KOL	INDIA	ibra@ibraindia.com	E7018	WCPY507	PLOT 'A', SECTOR 'B'		KALYAN BIHARIN ROAD,	INDORE	INDORE	452015	03114073511			SURFACHEFT-1	DA 1.6MM	
WCC00	13900	GEL LIMITED	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Manufacturer			MH	KAL	INDIA	gel@gelindia.com	E7018	WCPY507	PLOT NO.813, KARVAJI MIDC,			MUMBAI	KALYAN (W)	421111	02222281136	02222281138		GEL-701	DA 1.2 MM & 1.6MM	
WCC00	20047	KANAMATSU TRAINING CORPORATION	WELDING WIRE FLUX CORE	WELDING WIRE FLUX CORE	Welding Consumables	Foreign Agent	05750	SACHEM COATINGS PVT.LTD.	JP	AMM	INDIA	kanamatsu@kanamatsu.co.jp	E7018	WCPY507	6th FLOOR AKBOND NICHIBANSHI BLDG.		15, SHINOHARASHIOMI-CHUO,	CHUO-KU, TOKYO, 103-0014				03-5281-3800			DA 1.2 X 1.6 X 1.6MM	
WCC00	03420	SATRA ENTERPRISES LTD.	WELDING WIRE FLUX CORE	EB0070-1 STAINLESS STEEL FLOW WIRE	Welding Consumables	Indian Agent	23660	CHOSHUN WELDING CO. LTD	GJ	AMH	INDIA	satra@yahoo.com	E8070-1	WCPY507	16-15, NEW MADHAVPURA MARKET,		SHANBAUNG ROAD,	AMHAMEDABAD	380004	07925620552	07925624445		CS-100H	DA 1.2MM		
WCC00	20047	KANAMATSU TRAINING CORPORATION	WELDING WIRE FLUX CORE	EB0070-1 STAINLESS STEEL FLOW WIRE	Welding Consumables	Foreign Agent	05750	SACHEM COATINGS PVT.LTD.	JP	AMM	INDIA	kanamatsu@kanamatsu.co.jp	E80													

Mat Group	Vendor No	Vendor Name	Material Group Description	Material Group Long Description	GROUP DESCRIPTION	Vendor Type	Partner	PARTNER NAME	CTRY	REGION	COUNTRY	EMAIL	Specification	TC	ADDRESS	ADDRESS	ADDRESS	TRANSFORMER	CTRY1	POST CODE1	PHONE1	PHONE2	Ref no	Unit Detail			
WC04	2065	HUNDAL WELDING CO. LTD.	WELDING WIRE FLUX CO	WELDING WIRE FLUX CO	Welding Consumables	Manufacturer			INDIA	South Zone	South Zone	hunda@hwdc.co.in	ES111-B2C	WCP1505	SF, 137, 3 GAMMANAN KU	SAMSEUNG DONG SEQU					CHINA	CHINA	62-02-6236-6077	CH-482	Ø1.2 x 1.0MM		
WC04	2081	ESAB INDIA LTD	WELDING WIRE FLUX CO	LOW ALLOY STEEL	Welding Consumables	Manufacturer	2093	KISEWEL LTD.	TN	CHEN	CHEN	sales@esabindia.com	ES111-B3C	WCP1505	Southern Region Office	No. 13, 3rd Main Road	Ambar Industrial Estate, Ambattur				CHENNAI	CHENNAI	00503	044-4340-4803	0000-7704	DU-SHIELD 8008-B3	Ø1.2 DIA 2.0MM
WC04	2120	VEERES INDIA LTD	WELDING WIRE FLUX CO	LOW ALLOY STEEL	Welding Consumables	Indian Agent			INDIA	South Zone	South Zone	veeresindia@gmail.com	ES111-B3C	WCP1505	C-52, 4TH AVENUE ROAD	GUNDEY INDUSTRIAL ESTATE					GUNDEY	GUNDEY	00007	044-4353454		Ø1.2 x 1.0MM	
WC04	2120	SATLUX ENTERPRISES LTD.	WELDING WIRE FLUX CO	LOW ALLOY STEEL	Welding Consumables	Manufacturer	2120	CHOSUN WELDING CO. LTD.	GI	JAMH	INDIA	sales@satluxwelding.com	ES111-B3	WCP1506	16-1, NEW MARHAVAPURA MARKET	PHANIBABAI RD					APHERADABAD	APHERADABAD	38004	079-2562-0552	079-2562-6445	CE-5183	Ø1.2 x 1.0MM
WC04	2140	TENTAL ELECTRODE CO. LTD.	WELDING WIRE FLUX CO	ES111-B3	Welding Consumables	Manufacturer	1426	ITW INDIA LIMITED, WELDING GROUP	TAI	TAIW	TAIWAN	Tai.Trad@twsteel.com	ES111-B3	WCP1506	Rafu-4th Road	Yongde Dist					TAIWAN R.O.	TAIWAN R.O.		862626671-215		TW-9183	Ø1.2MM DIA 1.6MM
WC04	2260	CHOSUN WELDING CO. LTD.	WELDING WIRE FLUX CO	ES111-B3	Welding Consumables	Manufacturer	2120	SATLUX ENTERPRISES LTD.	IND	INDIA	INDIA	export@twsteel.com	ES111-B3	WCP1511	NO DANKAN DONG-RK	HONGKONG					0000000001	INDIA-13300	0000000001	01870-98377	CE-5183	Ø1.2 x 1.0MM	
WC04	2128	MALAM INDIA PRIVATE LIMITED	BUCKPACK ES111-B2C	ES111-B2C	Welding Consumables	Manufacturer			IN	INDIA	INDIA	malam@malamindia.com	ES111-B2C	WCP1511	NO. 3172, MALAM MAIN ROAD	SERMAPET					PONDICHERY	PONDICHERY	605111	0411-2673111		MSA-14	Ø1.2 x 1.0MM
WC04	2120	VEERES INDIA LTD	BUCKPACK ES111-B2C	ES111-B2C	Welding Consumables	Indian Agent	2093	KISEWEL LTD.	TN	CHEN	CHEN	veeresindia@gmail.com	ES111-B2C	WCP1511	C-52, 4TH AVENUE ROAD	GUNDEY					CHENNAI	CHENNAI	00002	044-4353454		Ø1.2 x 1.0MM	
WC04	2120	TENTAL ELECTRODE CO. LTD.	BUCKPACK ES111-B2C	ES111-B2C	Welding Consumables	Manufacturer	1426	ITW INDIA LIMITED, WELDING GROUP	TAI	TAIW	TAIWAN	Tai.Trad@twsteel.com	ES111-B2C	WCP1511	Rafu-4th Road	Yongde Dist					TAIWAN R.O.	TAIWAN R.O.		862626671-215		TW-9183	Ø1.2 x 1.0MM
WC04	2004	KANEMATSU TRAINING CORPORATION	BUCKPACK ES111-B2C	ES111-B2C	Welding Consumables	Foreign Agent	91790	LACHEM COATINGS PVT LTD.	JPAN	JPN	JAPAN	kuzei_kyushu@kanematsu.co.jp	ES111-B2C	WCP1511	6th FLOOR AKESONO NICHONBAI BLDG.	19-5, NISHONBAI-KANCHO, CHUO					JAPAN	JAPAN		81-5281-3680		TRN-8189	Ø1.2 x 1.0MM
WC04	2030	ALCONA CORPORATION	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer	2030	YBS INTERNATIONAL	IND	INDIA	INDIA	namer.lake@alcona.com	ES111-B2C	WCP1511	WANG PARK TOWER	12TH FLOOR 3-11 3, NAGATA-CHO	CHUO-KU TOKYO					JAPAN	JAPAN				FULL RANGE
WC04	2030	KENAMETAL INDIA LTD.	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Sales Office	2018	KENAMETAL STEELTE	IN	BAN	INDIA	Surajkant Sharma@kenametal.com	ES111-B2C	WCP1511	9/9TH MILE, TUMKUR ROAD						BANGALORE	BANGALORE	560073	0871787876		STLITE 6	Ø1.2 x 4.0 MM, LENGTH 350 TO 450 MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0MM
WC04	2030	KENAMETAL INDIA LTD.	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Sales Office	2018	KENAMETAL STEELTE	IN	BAN	INDIA	Surajkant Sharma@kenametal.com	ES111-B2C	WCP1511	9/9TH MILE, TUMKUR ROAD						BANGALORE	BANGALORE	560073	0871787876		ECORE	Ø1.2 x 4.0 MM, LENGTH 350 TO 450 MM
WC04	2128	MALAM INDIA PRIVATE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	INDIA	INDIA	malam@malamindia.com	ES111-B2C	WCP1511	NO. 3172, MALAM MAIN ROAD	SERMAPET					PONDICHERY	PONDICHERY	605111	0411-2673111		MS-71	Ø1.2 x 3.0MM ONLY (DEVY IN 2.5 & 4.0MM)
WC04	2073	WEARTECH INTL INC	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer	91307	BHAVANI AGENCY & CO	USA	USA	USA	huckie_Baldevraj@weartech.net	ES111-B2C	WCP1511	1177 N. GROVE STREET	ANAHAIM CA 92801					USA	USA		714-681-2430		WT-21	Ø1.2 x 3.2 x 0.8 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188	SEMT-21	Ø1.2 x 3.0 x 1.4 x 0.5MM
WC04	1800	GEE LIMITED	WELDING WIRE FLUX CO	ES111-B2C	Welding Consumables	Manufacturer			IN	KAL	INDIA	medhaskalya@geelimited.com	ES111-B2C	WCP1511	PLOT NO. 812, SARAVALI MEDC.	KALYAN BHAWANI ROAD					MUMBAI	KALYAN (IN)	474311	02522-281126	02522-281188		

Mat Group	Vendor Id	Vendor Name	Material Group Description	Material Group Long	GROUP DESCRIPTION	Vendor Type	Partner	PARTNER NAME	CITY	REGION	COUNTRY	EMAIL	Specialization	TIC	ADDRESS	ADDRESS	ADDRESS	TRANSFORMER	CITY	POST CODE	PHONE1	PHONE2	Ref Id	Job Description		
WC001	24560	SENTECH	COBRA BASE PAWNA	COBRA BASE PAWNA	Welding Consumables	Manufacturer			06	TURKEY		info@sentech.biz.com	COORE POWDER FOR PTA WELDING	WC001007	Sakaryasil 36. km Manisa				ERODE	35730	02329784700	02446250739	00TECHCAT 402015	AS PER WC01 307		
WC001	14340	NALLI ARC INDUSTRIE	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	ERD	INDIA	nalliar@nalliar.com	AWMS 17 EL-8	WC001001	16, N. ROAD, PANHATI	PANDUR POST ANGANWADI TALKU			ERODE		0257 245185	0443 45059	000105 1	INDIA 1.1		
WC001	14301	PRECISION WELDING LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@precisionwelding.com	AWMS 17 EL-8	WC001001	44, DRONGES (NORTH )			CALCUTTA	KOLKATA	700045	033 2467547		000105 1	METAPOLIS0044		
WC001	14455	WIRE AND WIRE PRODUCTS	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	CBE	INDIA	warp@warp.net	AWMS 17 EL-8	WC001001	SICO INDUSTRIAL ESTATE	AMBATLUR			CHEMMANUR	000008	044 2642429		000105 1	EWARC		
WC001	15350	INDOVALM INDUSTRIES (P) LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	COA	INDIA	nicoosau@industrial.com	AWMS 17 EL-8	WC001001	NO.250WANGANGI NAGAR	TRIPURUR ROAD			CHEMMANUR	000008	044 2642429		000105 1	INDIA 1.1		
WC001	15353	INDUSTRIAL ELECTRODES PVT LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@industrial.com	AWMS 17 EL-8	WC001001	21, BAN ANANDH ROAD	17/40 N.INDIA ESTATE			CHEMMANUR	000008	044 2642429		000105 1	INDIA 1.1		
WC001	15385	INDIARC ELECTRODES PVT LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@indiarc.com	AWMS 17 EL-8	WC001001	37, 37/1 FIRST MAINROAD NAGAR	17/40 N.INDIA ESTATE			TRIPURATHI	517070	0877 2244462		000105 1	SAR WIRE 181		
WC001	14371	INDIANARC INDUSTRIES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	COA	INDIA	info@indiarc.com	AWMS 17 EL-8	WC001001	17/40 N.INDIA ESTATE	BANDELA CHENKELI (SIC)			CHEMMANUR	000008	044 2642429		000105 1	INDIA 1.1		
WC001	14905	T.M.INDUSTRIES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@tmindustries.com	AWMS 17 EL-8	WC001001	BLD NO.26-27 PHASE-1	SILKARA			RAIPUR	491114	0773 240054		000105 1	BRAND TM-351		
WC001	10774	DELHI SICHONEN ELECTRODES PVT LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@delhisichonen.com	AWMS 17 EL-8	WC001001	P.8 NO.3	44-46 INDIAN ESTATE			INDORE	452006	0731 429222	0246105 1056	000105 1	AUTOTHERM		
WC001	13914	WELMET TECHNOLOGIES PVT. LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	NAG	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	34 P.N. MAJIDU INDUSTRIAL ESTATE	M.I.C. CHINNA			NAGPUR	NAGPUR	480016			000105 1	WELMET WIRE 18	
WC001	15354	MALAM INDUSTRIES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@malam.com	AWMS 17 EL-8	WC001001	2,2 2ND FLOOR BUSINESS CHAMBERS	MANGLUR			CHEMMANUR	000001	040 2771 3714	03956479982		000105 1	MALAM SAW 1	
WC001	15328	RAJAMATHA ELECTRODES LTD	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@rajamatha.com	AWMS 17 EL-8	WC001001	31, JINDANAGAR, OLD JANGANGWAD				AMHARIBAD	380006	0791 6842326		000105 1	AMHARIBAD -1		
WC001	11288	JASPHAN INDUSTRIES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	NAG	INDIA	info@jasphan.com	AWMS 17 EL-8	WC001001	44 SHENOS ROAD	KATOJ ROAD			NAGPUR	NAGPUR	480013	0771 381577		000105 1	AS 124	
WC001	10081	ESAB INDIA LTD	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	CBE	INDIA	esab@india.esab.com	AWMS 17 EL-8	WC001001	Southern Region Office	No.31, 3rd Main Road			Amambur Industrial Estate, Amambur	CHEMMANUR	000003	044 4340 4803	0000 77004	000105 1	CH AUTO 120 221	
WC001	10355	ABOR WELDING LIMITED	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@abor.com	AWMS 17 EL-8	WC001001	420/001 MARKETTING OFFICE	P.8, NO.3, CHINWANGI			MUMBAI	MUMBAI	400072	022 2857448		000105 1	ABOR	
WC001	10356	EVERSHINE WIRES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	TR	INDIA	ever@shine.wire@phoson.in	AWMS 17 EL-8	WC001001	178/2-3, THIRUPATHI ROAD	PUELANAM			NEURI TALUK	TRICHY	673006	0837 235381	08424 23385	000105 1	SHINE ARC 126	
WC001	14584	SUN ENTERPRISES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	DEL	INDIA	sun@enterprises201@gmail.com	AWMS 17 EL-8	WC001001	NO.36, 39/2 A, BLOCK 2	PUDUKOTTA NORTH			RAYAMANDAPATTI ROAD	THIRUVARUR	PUDUKOTTA	613402	018952 3664		000105 1	SUN FIRE SAW WIRE
WC001	14366	A.W.WELTECA PVT LTD.	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	NAG	INDIA	aww@welteca.com	AWMS 17 EL-8	WC001001	NO.28/27 DVL LINE	NEAR P.O. SQUARE			NAGPUR	NAGPUR	480001	0732 202 1277		000105 1	AV 2	
WC001	14911	NALLI ARC INDUSTRIE	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	ERD	INDIA	nalliar@nalliar.com	AWMS 17 EL-8	WC001001	16, N. ROAD, PANHATI	PANDUR POST ANGANWADI TALKU			CALCUTTA	KOLKATA	700045	033 2467547		000105 1	INDIA 1.1	
WC001	10354	SUN WIRES	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	TR	INDIA	sun@sunwires.com	AWMS 17 EL-8	WC001001	137 GANAPATHI NAGAR	SEMPAT			TRICHY	TRICHY	620001	0431 27498		000105 1	SUN WIRES	
WC001	15378	MALAM INDIA PRIVATE LIMITED	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@malam.com	AWMS 17 EL-8	WC001001	NO. 14/27 MALAM MAIN ROAD	SEMPAT			PONCHICHERY	PONCHICHERY	605111	0415 297911		000105 1	MALAM SAW 1	
WC001	17813	KALCROWN WELDING CONSUMABLES PVT	FL-8 SAW WIRE	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	kal@kcal.com	AWMS 17 EL-8	WC001001	BLOCK NO.16A,16B,17A	INDUSTRIAL AREA NO.1			INDORE	DEWAS	455001	0772 2398478		000105 1	INDIA 2.0 2.0 4.0 8.0	
WC001	14900	DELIMITED	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	NAG	INDIA	delimit@delimit.com	AWMS 17 EL-8	WC001001	BLD NO.30, SARANI MAIN ROAD	KALVAN BISHNAPUR ROAD			MUMBAI	KALVAN	421311	0252 281126	0252 28188	000105 1	DELIMITED 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	20047	KANEMATSU TRADING CORPORATION	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Foreign Agent			IN	DEL	INDIA	kan@kanematsu.com	AWMS 17 EL-8	WC001001	81 FLOOR AFEONIND NINHOBASHI BLDG.	19 - 5 NINHOBAASHI-CHUO			CHUO - KULU, TOKYO, 103-0016	GERMANY	238721759		000105 1	UNION 501		
WC001	20063	VIOSTALINE BOWLER WELDING	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@vial.com	AWMS 17 EL-8	WC001001	UNIONSTRASSE 1, D-50627 HANNOV				GERMANY	238721759		000105 1	UNION 501			
WC001	20047	KANEMATSU TRADING CORPORATION	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Foreign Agent			IN	DEL	INDIA	kan@kanematsu.com	AWMS 17 EL-8	WC001001	81 FLOOR AFEONIND NINHOBASHI BLDG.	19 - 5 NINHOBAASHI-CHUO			CHUO - KULU, TOKYO, 103-0016	GERMANY	238721759		000105 1	UNION 501		
WC001	14400	ABOR CONTACT LIMITED	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	abor@abor.com	AWMS 17 EL-8	WC001001	420/001 MARKETTING OFFICE	P.8, NO.3, CHINWANGI			BANGALORE	BANGALORE	560008	080 2885 5711	013446 0025	000105 1	ABOR	
WC001	10081	ESAB INDIA LTD	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			TR	CBE	INDIA	esab@india.esab.com	AWMS 17 EL-8	WC001001	Southern Region Office	No.31, 3rd Main Road			Amambur Industrial Estate, Amambur	CHEMMANUR	000003	044 4340 4803	0000 77004	000105 1	CH AUTO 120 221	
WC001	20063	VIOSTALINE BOWLER WELDING	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@vial.com	AWMS 17 EL-8	WC001001	UNIONSTRASSE 1, D-50627 HANNOV				GERMANY	238721759		000105 1	UNION 501			
WC001	14400	ABOR CONTACT LIMITED	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	abor@abor.com	AWMS 17 EL-8	WC001001	420/001 MARKETTING OFFICE	P.8, NO.3, CHINWANGI			BANGALORE	BANGALORE	560008	080 2885 5711	013446 0025	000105 1	ABOR	
WC001	22456	T.A.BARNES & CO. LTD.	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Foreign Agent			IN	DEL	INDIA	info@tarnes.com	AWMS 17 EL-8	WC001001	UNIT 1, GUNNELL WOOD PARK	MUNSTER INDUSTRIAL ESTATE			WILTSHIRE	WILTSHIRE	0114 884554		000105 1	WELMET 181		
WC001	14916	KANEMATSU TRADING CORPORATION	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Foreign Agent			IN	DEL	INDIA	kan@kanematsu.com	AWMS 17 EL-8	WC001001	81 FLOOR AFEONIND NINHOBASHI BLDG.	19 - 5 NINHOBAASHI-CHUO			CHUO - KULU, TOKYO, 103-0016	GERMANY	238721759		000105 1	UNION 501		
WC001	14916	KANEMATSU TRADING CORPORATION	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Foreign Agent			IN	DEL	INDIA	kan@kanematsu.com	AWMS 17 EL-8	WC001001	81 FLOOR AFEONIND NINHOBASHI BLDG.	19 - 5 NINHOBAASHI-CHUO			CHUO - KULU, TOKYO, 103-0016	GERMANY	238721759		000105 1	UNION 501		
WC001	20047	KANEMATSU TRADING CORPORATION	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Foreign Agent			IN	DEL	INDIA	kan@kanematsu.com	AWMS 17 EL-8	WC001001	81 FLOOR AFEONIND NINHOBASHI BLDG.	19 - 5 NINHOBAASHI-CHUO			CHUO - KULU, TOKYO, 103-0016	GERMANY	238721759		000105 1	UNION 501		
WC001	20063	VIOSTALINE BOWLER WELDING	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	DEL	INDIA	info@vial.com	AWMS 17 EL-8	WC001001	UNIONSTRASSE 1, D-50627 HANNOV				GERMANY	238721759		000105 1	UNION 501			
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10320	WELMET INDIA	WELDING WIRE SAW 181	FL-8 SAW WIRE	Welding Consumables	Manufacturer			IN	CBE	INDIA	info@welmet.com	AWMS 17 EL-8	WC001001	C-52, 4TH AVENUE ROAD	WANGANGI INDUSTRIAL ESTATE			GUNDY	CHENNAI	600032	044 4343154		000105 1	WELMET 181	
WC001	10																									