



Bharat Heavy Electricals Limited

(A Government of India Undertaking)

BOILER AUXILIARIES PLANT

RANIPET – 632 406, INDIA

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WORKS CONTRACT MANAGEMENT DEPARTMENT

REGISTERED POST WITH ACK.DUE

INVITING TENDER

Tender Notice No	9870022E DT: 07.08.2017.
Name of work	Inter connection of pipe line works for 13KL Liquid oxygen tank at BHEL, Ranipet.
Type of tender	Open tender.
Period of contract	One Month
Earnest Money Deposit (EMD) Amount	Rs.2400/-
Last date & Time for Receipt of the Tender	21.08.2017 at 14.00 hrs
Date of Technical bid Opening	21.08.2017 at 14.30 hrs on wards.
(Please obtain updated information from the BHEL website about the latest applicable dates & other changes if any in the tender contents)	
Date of Price Bid Opening	Bidders whose technical bids are found acceptable will be intimated separately about the status of their offers and the date of opening of Price Bid.
Place of submission of Tender	Tender Box placed in WCM Department (Engg. Building – First Floor (South side), BHEL –BAP- Ranipet – 632 406.
Address on the Sealed Tender Cover to be:	DGM / WCM DEPARTMENT, ENGG. BUILDING – GROUND FLOOR(WEST SIDE), BHARAT HEAVY ELECTRICALS LIMITED, RANIPET , VELLORE DISTRICT, TAMIL NADU– 632 406.
Venue of the Tender Opening	WCM DEPARTMENT

Note:

- The Tender documents can be down loaded from BHEL website (http://www.bhel.com/tender/list_tender.php) and Govt tender web site: <http://tenders.gov.in/> and also in Central Public Procurement Portal (CPP) website: <http://eprocure.gov.in/epublish/app>
- Interested bidders may alternately collect hard copy of tender specification documents at free of cost from WCM Dept / BHEL / Ranipet on all working days (between 10.00 to 15.00 hrs) .
- BHEL reserves the right to accept or reject any or all tenders without assigning any reasons whatsoever.
- All corrigenda, addenda, amendments, clarifications etc. to tender specification will be hosted in the web pages (www.bhel.com > **Tender notifications > view corrigendum**) only and not in the news papers. **Bidders shall keep themselves updated with all such developments.**
- BHEL reserves the right to reject any tender on the basis of unsatisfactory performance of the bidder in any on going job or any similar job in the past.

**DGM/WCM
ISSUING OFFICER**

**SIGNATURE OF THE TENDERER
WITH SEAL AND ADDRESS**

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SCOPE OF WORK:**GENERAL :**

1. All input Materials/components/fasteners/paints collection from Main stores , Raw material Stores , compressor house, Fastener Stores and Other places within the Factory Premises etc., are in the contractors scope.
2. Required facility for Transporting materials only will be arranged by BHEL at free of cost but Loading and Un Loading are in the contractors scope.
3. Mobilizing the adequate Manpower and deployment for the works to meet BHEL's time schedule.
4. All Safety pre cautions are to be adopted while executing the work at heights. BHEL will issue the necessary Ladders/Approach platforms at free of cost.
5. All joints of Coupling , Flange, Sleeve Welding joints etc., are to be carried out as leak proof. Any reworks on account of poor workmanship are not eligible for any claim.
6. Painting works on the pipe lines & fittings(other than S.S) with primer & two coats of finish painting are in the scope of Contractor.
7. Consumables viz. Welding electrodes, Paints, Emery Sheets, Structural steels & Gases will be supplied by BHEL at free of Cost . Required tools/equipment for carrying out the works as per drawing including for bending pipes are to be arranged by the contractor.
8. The contractor has to arrange for working on SUNDAYS and HOLIDAYS due to work nature and work front availability as informed of the need by the Engineer -in- Charge.
9. The work force with required experience including a qualified/certified welder are only to be deployed to carryout the works.
10. As the work is on L P G Line & Oxygen Line which are hazardous in nature, Safety rules are to be complied with **STRICTLY** at every point of time during execution of work . Violation of any safety rules are liable for penalty of Rs.500/- per such act.
11. Returning of any excess materials including prime material / big size scrap/cut bits/ scrap/fasteners/empty paint drums etc. to BHEL stores as instructed by BHEL Engineer.

MAIN LINE WORKING DETAILS:

- All pipes are to be edge prepared by grinding to 30 degree for welding joints. For Coupling, Sleeve & Flange joints will have to be connected with fasteners and gaskets , as per the drawings furnished.
- Gasket & Fasteners will be issued by BHEL at free of cost. All fittings shall be fixed/fitted by contractor as per our drawing/ Information at specified Oxygen Lines.
- Painting of all Utility service lines with one coat of red Oxide Primer & Two Coats of Synthetic enamel paints as per the instruction of Engineer In Charge, which will be supplied by BHEL at free of Cost. However, surface preparations before Painting with required consumables and Brush are in Contractors scope.
- Oxygen Gas/ L P G Gas Flow mark indication at regular intervals and also colour coding of pipelines for all lines to be Painted/Pasted with stickers which will be supplied by BHEL at free of Cost.
- Purging of all the above lines to be carried out by the contractor and required gas for purging will be supplied by BHEL at free of cost.

- All the above pipe lines laid are to be pressure tested by Nitrogen gas @ 3 kg/cm² for LPG line and 15 Kg/cm² for OXYGEN line. Required nitrogen gas for pressure testing will be issued by BHEL at free of cost. Any temporary arrangements for carrying out Pressure test are in the scope of contractor.
- All the jobs should be carried out by only qualified welders, fitters, Supervisors only. Other laborers, Helpers also shall be of experienced on these types of Utility service lines work in an industrial construction work.
- Thread to be provided at the bottom of distributor line and fixed with 1" valve Fixed with the distributor flanges.

BHEL'S SCOPE :

1. All materials required as per BOM of the drawings.
2. Required facility for Transporting materials only will be arranged by BHEL at free of cost.
3. Required machineries like welding transformer (For other than TIG Welding), Drilling machine, Gas Cutting Sets & Grinding Machine will be provided by BHEL at free of Cost.
4. Power will be supplied at free of cost by BHEL.
5. BHEL will issue the necessary Ladders/Approach platforms for working at heights, free of cost.
6. Consumables viz. Welding electrodes (For other than TIG Welding), Paints, Emery Sheets, Structural steels, & Gases will be supplied by BHEL at free of Cost.

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QUALIFICATION REQUIREMENTS (QR):

S NO	DESCRIPTION	BHEL REQUIREMENT	BIDDER'S CONFIRMATION
1	EMD	Rs.2,400/- (or) MSME valid certificate(as per MSE Clause listed in point no.20).	DD/Ref. No. _____
2	Eligibility	The Contactor Should have Successfully Completed the similar work for 'Fabrication of Stainless Steel Materials with TIG Welding" during the last seven years as on 31.07.2017, considering the quantum & nature of works.	
3	Document "Copies" to be submitted with tender.	a) LOA's of the works completed/ being executed.	
		b) Work Completion certificates for the LOA's referred.	
		c) Welders qualification certificate of SS Material with TIG welding to be deployed for the works.	

- Note : 1. Those who are unable to comply the above points / unable to provide any of the above documents shall be technically rejected and the price bid of the rejected offers will not be opened.
2. Vendor shall visit the Plant before submitting the offer to get to know the location for deploying adequate and suitable personnel for the works & also the equipment.
3. BHEL reserves its right to reject the tender on account of unsatisfactory past performance by the bidder in other projects awarded under different enquiry.
4. The work executed in the own name of the bidder only will be considered for similar works executed for meeting the eligibility criteria.
5. Offers of the Contractors/Suppliers, against whom, any unit of BHEL had initiated process for "Suspension of Business dealings" or already done will summarily be rejected.
6. Possession of PF registration number is not mandatory. However the successful tenderer has to register with PF authorities and furnish the registration number before first Running Account Bill.

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DETAILS TO BE FILLED BY THE BIDDER

1a	Name of the Bidder	
1b	Full address	
1c	Nationality	
1d	Email Cell Phone Fax	
2	Whether the firm is individual firm or Sole proprietorship firm or partner ship firm or Hindu undivided Family or association of persons or Private Limited company or Public Limited company or any other please specify.	
3	Whether the contractor has registered his workmen under employees State Insurance Act. If so, the Registration No./ Enrolment Number may be furnished.	
4	PAN no and documentary proof (Photo copy has to be enclosed)	
5	Registration under GSTIN number. (Photo copy has to be enclosed)	
6	The GST heads under which the enlisting person registered with GST Authorities and copy of GST registration certificate has to be enclosed	HSN Code: _____ SAC Code: _____
7	Whether the contractor has registered his workmen under Employees Provident Fund and Miscellaneous Provisions Act. (Photo copy is to be enclosed)	
9	Applicable GST quoted Note: Please refer clause no.28 (page no. 29) of Important Note to Bidders of this Tender regarding GST.	Central tax@ _____% State tax @ _____% Integrated tax@ _____% Union territory tax@_____%

IMPORTANT NOTE TO BIDDERS

Bidders are requested to submit their offers 'in a sealed cover' consisting of three inner sealed covers such as (1) EMD cover containing DD/Online payment receipt (or) MSME copy, (2) Technical Bid cover & (3) Price Bid cover, all super scribing the name of the work, Tender Number, Due date etc.

- 1) EMD cover shall contain requisite EMD in the form of Demand Draft (DD)/Online payment receipt. Tender without EMD / without MSME valid certificate(as per MSE Clause listed in point no.20) will be summarily rejected. EMD in any other form will not be accepted.
- 2) Technical/Qualification bid cover shall contain duly filled in qualification bid document signed by the bidder in all the pages with documentary evidences for pre-qualification such as Balance sheet, P&L A/c, experience, value of work executed in the similar nature of work etc. Any bid without proper documentary evidence for pre-qualification shall not be considered for further evaluation.
- 3) The price bid cover shall contain price bid document (BHEL format only) duly filled in and signed by the bidder in all the pages. The bidder has to quote most competitive rates for all the items in the price bid. The completed qualification bid and price bid along with requisite **EMD of Rs 2,400/-** for the work in the form of Demand Draft drawn from any Nationalized bank, in favor of "**BHEL, Ranipet**" payable at Ranipet (or) SBI, Mukundarayapuram Branch (Code: 7013) / Pay online (please ref. page no.29 -Note) and enclose the payment details in the EMD cover and shall reach the Office of the undersigned on or before 21.08.2017 at 14.00 Hrs.

(This earnest money deposit will be refunded to the unsuccessful Bidders after finalization of the award of work. In case of successful bidder, the earnest money will be retained as part of the Security Deposit for satisfactory completion of the work in accordance with BHEL's General Conditions of Contract enclosed. No interest will be paid on the earnest money deposit. EMD by the bidder will be forfeited if i) After opening the tender / price bid the bidder revokes his tender within the validity period or increases his earlier quoted rates ii) The bidder does not commence the work within the period as per work order / Contract. In case the Work order / Contract is silent in this regard then within 15 days after award of contract).

- 4) The Qualification/ Technical bid will be opened on 21.08.2017 at 14.30 hrs onwards. In case of opening day falls on holiday or happened to be declared as a holiday the receipt and opening of the Tender shall automatically fall at the same timing on the next working day. Date and time of opening of the price bid shall be intimated to those bidders who have qualified in the technical bid. The bidders or their authorized agents can participate in the tender opening for which they shall bring authorization letter for attending tender opening. Late offers & incomplete offers shall become liable for rejection.
- 5) **Bidders are required to submit their price bid in the BHEL format only.**
- 6) **Seeking clarification on Tender Specification:** Clarifications on tender specification if any may be sought by the bidders during the office hours only from the **DGM/WCM- Phone no- 04172-284259.**
- 7) All the information as called for in the various clauses and annexure of tender specification should be furnished. The details so furnished should be complete in all respects and as per the formats prescribed in the Tender specification (Statutory requirement of Contract). The bidder may have to produce original documents for verification, if so decided by BHEL.
- 8) Offers received with any deviation or without relevant information are liable to be rejected.

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- 9) Price bids received in any form other than prescribed in PRICE BID are liable to be rejected.
- 10) **The bidder has to quote his Rate for all individual items in the Rate Schedule of Price Bid. If the bidder has not quoted the Rate for any item(s), it is considered as incomplete tender and tender can not be accepted.**
- 11) **The tender offer should be kept valid for **THREE MONTHS** from the date of technical bid opening** for acceptance by BHEL. No unsolicited revision in the tender offer shall be entertained after opening of tenders and till expiry of the validity period.
- 12) Quoted rates shall be firm through out the contract period and extended contract period also and no cost escalation is allowed on any account.
- 13) **The similar works executed in the own name of the bidder only will be considered for eligibility / qualification criteria.**
- 14) BHEL reserves the right to increase or decrease the tendered quantity.
- 15) Lowest prices received against BHEL tenders need not be the technically acceptable one, and in that case, BHEL reserves the right not to consider the same.
- 16) BHEL reserves the right to negotiate or refloat the tender opened, if L1 Price is not lowest acceptable price to them inter-alia other reasons.
- 17) BHEL reserves the right to negotiate the L1 rate.
- 18) The contract may be pre closed as decided by BHEL during tenure of the contract with one month prior intimation.
- 19) **The contract will be finalized based on the overall **LOWEST** value and to be awarded to single party only since split in schedules is not possible.**

20) Proof of MSE Certificate:

If vendor have their MSE Certificate, EMD need not to pay for this work.

MSE suppliers can avail the intended benefits only if they submit along with the offer, attested copies of either EM II certificate having deemed validity (Five years from the date of issue of acknowledgement in EM-II) or valid NSIC certificate or EM-II certificate along with attested copy of a CA certificate (as below) where deemed validity of EM II certificate of five years has expired) applicable for the relevant financial year(latest audited). Date to be reckoned for determining the deemed validity will be the last date of bid opening (Part 1 in case of two part bid). Non submission of such documents will lead to consideration of their bid at par with other bidders. No benefit shall be applicable for this enquiry if any deficiencies in the above required documents are not submitted before price bid opening. If the tender is to be submitted through e-procurement portal, then the above required documents are to be uploaded on the portal.

Documents should be notarized or attested by a Gazettes officer.

All MSE suppliers shall continue to be in PMD with MSE status based on the EM II certificate or valid NSIC certificate. Any new supplier will be eligible for registration with BHEL as MSE supplier provided at least any one of the following documents are submitted along with application for registration.

- a) Valid NSIC certificate or
- b) Entrepreneurs Memorandum part II(EM II) certificate (valid based on deemed validity of 5 years) or
- c) EM II certificate along with attested copy of CA certificate (as per prescribed format as below applicable for the relevant financial year(latest audited) , where the deemed validity of EM II is over.

However credentials of all MSE suppliers will be verified before considering the intended benefits for MSE suppliers as per clause9(ii) at the time of tender evaluation.

Certificate by Chartered Accountant on Letter head

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

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

1. For Manufacturing Enterprises: Investment in plant and machinery(i.e. original cost excluding land and building and the items specified by the Ministry of Small Scale Industries vide its notification No.S.O.1722(E) dated October 5, 2006:
Rs..... Lacs
2. For Service Enterprises: Investment in equipment(original cost excluding land and building and furniture, fittings and other items not directly related to the service rendered or as may be notified under the MSMED Act, 2006.
Rs..... Lacs

(Strike off whichever is not applicable)

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

Or

The company has been graduated from its original category (Micro/Small)(Strike off which is not applicable) and the date of graduation of such enterprise from its original category is..... (dd/mm/yyyy) which is within the period of 3 years from the date of graduation of such enterprise from its original category as notified vide S.O.No.3322(E) dated 01-11-2013 published in the gazette notification dated 04-11-2013 by Ministry of MSME.

Date:

(Signature)

Name:

Membership number:

Seal of Chartered Accountant:

21. a) Arbitration

- i) All disputes between the parties to the Contract, arising out of or relation to the Contract shall after written notice by either party to the Contract to the other party be referred to the sole Arbitration of Executive Director, BAP or any designate nominated by the Executive Director of BHEL in his sole discretion.
 - ii) The venue of Arbitration shall be Ranipet, Tamil Nadu. The arbitrator may hold meetings for convenience in such a place or places discretion.
 - iii) The award of the Arbitrator shall be final, conclusive and binding on both parties to the Contract.
 - iv) The Contractor shall, not with standing any disagreement, dispute, protest, request for arbitration, court or other proceedings, continue to perform the Services in accordance with the determinations, instructions and clarifications of BHEL.
- b) Subject to the above, the appropriate court in Ranipet shall have the exclusive jurisdiction over any disputing arising out of or in connection with this Contract.

c) **Risk Purchase**

- i) In case of any neglect or refusal on the part of the Contractor to:
- commence the Contract, or
 - provide sufficient labour for the Contract or
 - if in the opinion of BHEL, the Contract performed by the Contractor are not satisfactory, or
 - if the Contractor fails to carry out the Contract or as per instructions of the BHEL or officer authorized by it,

BHEL shall have the right to have the Work done by any means, including by engaging a new contractor, at the Contractor's sole risk and expenses.

- ii) The above shall be without prejudice to any other remedy that may be available to BHEL whether as per law, contract, equity or otherwise.
- iii) In the event, the cost of the work so done (as certified by BHEL which is final and conclusive) is less than the Contract cost, the advantage shall accrue to the BHEL and if the cost exceeds the money due to Contractor under the Contract, the Contractor shall either pay the excess amount ordered by BHEL or the same shall be recovered from the Contractor by other means.

d) Contractor shall indemnify and keep indemnified BHEL, its other contractors and/or sub-contractors and its/their employees from all actions, proceedings, suits, claims, demands, liabilities, damages, losses, costs, charges, expenses, judgments and fines arising out of or in the course of, or caused by the execution of work under the Contract or other obligations hereunder directly or indirectly associated herewith which may arise due to:

- i) Breach of law by the Contractor, or any of its sub-contractor, or any of their respective employees.
- ii) Negligence or willful default by the Contractor, or any of its sub-contractor, or any of their respective employees.
- iii) Failure by Contractor to proceed with Project in accordance with the determinations, instructions and clarifications of Company pending disagreement, dispute, protest, request for arbitration/ court proceedings
- iv) Loss of property or death of any employee of BHEL or of its other contractors/ sub-contractors.

The above shall be without prejudice to any other remedy that may be available to BHEL whether as per law, contract, equity or otherwise.

22. FORCE MAJEURE CLAUSE:-

If, at any time during the continuance of this Contract the performance in whole or in part by either party of any obligations under this Contract shall be prevented or delayed by reason of any War, Hostile acts of the public enemy Civil Commotion, Epidemics, or Acts of God (Floods, Storm/Cyclone, Hurricane, Earth Quake etc.) then provided notice of happening of any such event is given by either party to other within 7 days from the date of occurrence therefor neither party shall by reason of such event 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 under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist.

If the performance in whole or part of any obligation under this Contract is prevented or delayed by reason of any such event, claims for extension of time / waiver of penalty/liquidated damages shall be granted for periods considered reasonable by AGM/WCM subject to prompt notification by the contractor.

23. All corrigenda, addenda, amendments, time extensions clarifications, etc., to the tender will be hosted on BHEL website (www.bhel.com) only. Bidders should regularly visit BHEL website to keep themselves updated.

24. Multiple Bids:

The bidder in his own interest shall submit only one bid. If a bidder submits Multiple bids, all the bids are liable for rejection. Bids shall be considered "Multiple" in the following circumstances:

- a) Two bids by the same party.
- b) If one bidder is the Affiliate of another bidder.

For the purpose of this clause "Affiliate" shall mean with respect to any Person, any other Person that, directly or indirectly, controls, is controlled by, or is under direct or indirect common control with, such Person, or is a director/ member / officer/ employee of such Person or of any Person who would otherwise qualify as an Affiliate of such Person pursuant to this definition;

"Person" for the purposes of this definition shall mean any natural person, individual, corporation, limited partnership, co-operative, general partnership, joint stock company, joint venture, association, company, trust, bank, trust company, land trust, business trust, corporate body or other organization, whether or not a legal entity."

25. Fraud Prevention Policy:

The bidder along with its associate / collaborators / 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 fraud or suspected fraud as soon as it comes to their notice.

26. Suspension of Business Dealings:

The bidder along with its associate / collaborators / sub-vendors / consultants / service providers shall strictly adhere to "Guidelines for Suspension of Business Dealings with Suppliers/ Contractors" AA/MM/SB/01 Rev: 02, Dt.22.07.2017 displayed on BHEL website <http://www.bhel.com>. (http://www.bhel.com / vender_registration/pdf/Suspension_guidelines_adbridged.pdf).

27. Discrepancy in "words " & " Figures ":

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

28. Set of Clause: "BHEL shall have the right to recover any money which in the sole opinion or BHEL is due from the Contractor from any money due to the Contractor under this Contract or any other contract or from the Security Deposit furnished by the Contractor under this Contract or any other contract. "

29. "Notwithstanding anything to the contrary, including, but not limited to, provisions relating to extension of time and compensation/or delay, time shall be the essence of the Contract."

30. Minimum Wages to be paid :

Description	For Unskilled Worker (Rs.)	For Semi skilled Worker (Fresh ITI) (Rs.)	Skilled Worker (ITI Holder with 3 years Experience / Diploma Holder / BE Holder) (Rs.)
Basic Pay as on 01.04.2017	3,600 pm	3,840	4,050
Dearness allowance as on 01.04.2017	5,417 pm	5,417	5,417
BHEL Adhoc (2000 + 1200) per month	3,200 pm	3,700	4,100
Total wage per month	12,217 pm	12,957	13,567

- Payment of Bonus to be ensured as per Bonus act.

31. Any increase in minimum wages/ statutory requirements , during the contract period , will have to be borne by the contractor. The statutory requirements like PF, ESI will be applicable for the actual total wage per month inclusive of BHEL adhoc. Bonus amount will be as per bonus act. **Contractor quoted rate shall be inclusive of all the above payments including statutory payments thereon.**

32. The Contractor shall remain liable for the payment of all wages or other moneys to his work-men or employees under the payment of Wages Act 1936, Employees Liability Act. 1938, Workmen's Compensation Act 1923 or any other Act or enactment, relating thereto and rules framed, there under from time to time.

33. The filled ESI declaration forms shall be submitted to the Executive of HRM Dept. In the Declaration Form full address of the contractor shall be mentioned. Whenever a fresh and unregistered worker is engaged during the operation of contract, declaration form in respect of that workman which should be submitted to Human Resources Department within two days of such engagement.

34. ESI contributions (1.75% employees contribution + 4.75% employer contribution of the total monthly wages) before 20th day of every following month. Prescribed challans are available at ESI local office, Ranipet (near Sipcot). Contractors who have got their own code number can remit the contributions on that number. Along with the challan copy, the details of remittance shall be submitted to the concerned HRM Executive in the ESI compliance form.

35. The contractor should deduct Provident Fund and ESI amount as per the provisions and amount so deducted along with the matching contribution of the contractor shall be remitted to the authorities concerned within the stipulated time. The statement of deduction along with the challans evidencing remittance shall be submitted to Officer-in- charge. If the evidences are not shown, further bills of the contractor will not be paid. BHEL have the right to withhold the payment of his bills. Submission of statutory returns such as Half Yearly returns of ESI (Form 6), P.F. return (Form 12A), Form 5 and Form 10, Form 3A & Form 6A should be send to the concerned officers in time.

36. The workers" particulars such as Name, Age, Father's name, address , Phone no ,etc., and their daily attendance have to be maintained by the contractor. The details of Provident Fund and ESI compliance have to be maintained by the contractor in the prescribed format/register.

37. The contractor shall maintain the following Registers and Records and make them available for inspection at any time. (The list is only for example, but not exhaustive).

- Muster Roll
- Register of Wages
- Register of Deductions

- d) Register of Overtime
- e) Register of Fine
- f) Register of Advance
- g) Wage slips
- h) Register of Accidents
- i) Register of Leave with Wages
- j) ESI Register in Form-7

All registers are required to be maintained as above and shall be produced as and when Government Officials and Statutory Authorities to make inspection from time to time.

38. In case a contract labourer meets with an accident while on duty, the contractor shall immediately intimate the information to Safety Department, Contracting Agency and Human Resources Department and submit the Accident Report duly filled in all respect and send a copy to ESI local office, ESI Dispensary and Inspector of Factories (for major accidents) within 24 hours of accident through Safety and Human Resources Departments. All assistance for the injured workman such as to taking him to ESI Dispensary for treatment must be rendered by the contractor.

39. Compliance of the above provisions does not absolve the obligation of contractor arising out of other statutory obligations.

40. Contractor should employ only persons having sound health and not above the age of 58 years, and not below the age of 18 years.

41. As per employees PF and misc. provisions Act 1952, the employee's contribution payable at present is 12% of wages which shall be recovered by the Contractor from the wages of his workmen and the contractor should pay equal contribution in addition to any administrative charges (In total :13.61%) in this behalf that may be decided from time to time. Remittance shall be made on time (i.e. on or before 15th of the following month).

42. The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the banned firms, shall be rejected. The list of banned firms is available on BHEL web site www.bhel.com.

Recovery and penalty

1. During the contract period, if the contractor is not able to provide the sufficient Staff, the actual cost incurred in getting the alternate arrangements of same or higher segment subject to availability for the absence day(s) will be recovered in addition to penalty of Rs.1000/- per day will be recovered from the contractor.

2. If the contractor is not able to provide the sufficient Staff for a continuous period of 15 days, BHEL reserves the right to terminate the contract and to take appropriate action against the Contractor. In the event of contract termination, the security deposit paid by the contractor will be forfeited.

3. BHEL reserves the right to reduce the contract period (pre-close the contract), with 30 days notice period depends on the requirement / without assigning any reason. Security Deposit will be refunded, if the contract is pre-closed for non-requirement by BHEL.

The contractor shall be responsible for obtaining necessary comprehensive insurance policy, appropriate driving license.

4. The contractor shall be responsible for obtaining necessary comprehensive insurance policy, appropriate driving license with proper endorsement etc, and complying with all the statutory requirements including labour laws that may be necessary in this respect. BHEL will not be responsible for any consequences out of any violation of rules or acts by the contractor. If BHEL is liable to pay any such amount due to violation of the relevant laws by the contractor the amount so paid would be recovered from the contractor.

5. The contractor shall pay necessary taxes and keep the fitness certificate for the vehicle valid during the contract period.
6. The contractor shall check for exhaust emission test and obtain fitness for their vehicle once in 6 months in meeting the statutory norms laid by Tamil Nadu Motor Vehicle Rules.
7. The driver should keep the copy of relevant documents (Driving license, Road tax token, Registration Certificate, Insurance, Fitness Certificate, and Permit etc.) with the vehicle and produce as and when required by us or any government transport authorities. In case the original documents are required for verification it should be produced on demand.
8. Subject as aforesaid the provisions of the Motor Vehicle Act or any statutory modification or amendments or re-enactment there of and the rules made there under from time to time have to be followed by the contractors.
9. The contractor shall take Comprehensive Insurance Cover for all the Man power engaged.
10. In case of breach of any or whole of the above terms and conditions by the contractor BHEL will have the liberty to cancel the registration and contract either in part or in full and entrust in part or in full of the work to any other contractor and the contractor shall be liable to pay extra cost involved in the execution of cancelled part of the contract.

SAFETY RULES

1. The Contractor must inspect the area of work to decide the safety precautions necessary for executing this contract.
2. Whenever people work at height more than six feet, platform shall be provided or the workers shall wear safety belt to avoid fall from the height.
3. Wherever any area declared dangerous, the workers shall not be allowed to work till a written clearance is obtained from appropriate authorities.
4. No material of any kind shall be dropped or allowed to be dropped from any height.
5. Defective ladders shall not be used at all.
6. Inflammable materials shall not be stored near places where the sparks are likely to occur.
7. The necessary safety equipment such as painting suit, goggles, gloves, helmet, dust / fume respirator etc. must be issued to the workmen by the contractor and strictly to be used while carrying out the work.
8. Gloves, safety belt, helmet, safety boot etc. must be issued to the workmen and strictly to be used while carryout the work. If Personal Protection Equipment not provided by the contractor, BHEL shall provide the required PPEs on chargeable basis, depending upon the stock availability.
9. If the contractor's workmen found violating the safety precautions, punitive action will be taken and or a penalty of Rs.500/- to Rs.1000/- will be imposed and deducted from the contractor bill for each violation.
10. The working area shall be kept clean and free from all obstructions.
11. All safety precautions are to be taken by the contractor at his cost.
12. All temporary electrical connections shall be properly earthed, insulated and periodically checked.
13. The contractor should arrange WORKMEN COMPENSATION / INSURANCE POLICY covered for all his workmen. A copy of the policy has to be submitted before commencement of work.
14. These safety measures shall be deemed to form an integral part of the Work Order/ Agreement.

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GENERAL CONDITIONS OF CONTRACT**1) DESPATCH INSTRUCTIONS:**

- 1.1. This tender specification as a whole, duly furnishing all the details required and other documents as required in the following pages, shall be duly signed and sent in a sealed cover duly super scribing the name of work as given in the tender notice.
- 1.2. The tender shall be addressed to Officer inviting tender as indicated in the tender notice.
- 1.3. Tenders submitted by post shall be sent by “**REGISTERED POST WITH ACKNOWLEDGEMENT DUE**” and shall be posted with the due allowance for any postal delay. The tenders received after the due date and time of opening is liable to be rejected. Telegraphic offers and offers received by telex may not be considered.
- 1.4. Tenders shall be opened by authorized officer of BHEL at his office at the time and date as specified in the tender notice in the presence of such of those bidders or their authorized representatives who may be present.
- 1.5. The Tenders shall closely pursue all the clauses, specifications and drawings indicated in the tender documents before quoting. Should the bidder have any doubt the meanings of any portion of the tender specification or find discrepancies or omission in the drawings or the tender documents issued are in complete or shall require clarification on any of the technical aspect, scope of work etc., he shall at once contact the authority inviting the tender for clarification before the submission of the tender.
- 1.6. Before tendering, the bidders are advised to inspect the site of work and the environments and be well acquainted with the actual working and other prevalent conditions, facilities available, position of material and labour. No claim will be entertained later, on the ground of lack of knowledge.
- 1.7. Bidder must fill up all the schedules and furnish all the required information as per the instructions given in various sections of the tender specification. Each and every page of the Tender Specification must be signed and submitted along with the offers by the bidder in token of complete acceptance thereof. The information's furnished shall be completed by itself.
- 1.8. The bidders shall quote the rates for each item of the tender schedules in rupees and paise only. These rates shall be entered in figures as well as in words. In case of any difference in the rates quoted in figures and in words, words will be taken as the tendered rate.
- 1.9. All entries in the tender documents should be in one ink. Over-writing and corrections should be avoided. The Bidders concerned should duly sign for all corrections and over-writings.

2) DATA TO BE FURNISHED :

- 2.1. Full information shall be given by the bidder in respect of the following. Non-submission of this information may lead to rejection of the offer.
- 2.2. An attested copy of the Power of Attorney, in case the tender is signed by an individual other than the sole proprietor, shall also be attached. (If it is a Company or Firm, etc., Director/Managing Partner as the case may be is required to sign).

2.3. IN CASE OF AN INDIVIDUAL:

His full name, address and place and nature of business shall be indicated.

2.4. IN CASE OF PARTNERSHIP FIRMS:

**SIGNATURE OF THE TENDERER
WITH SEAL AND ADDRESS**

The names of all the partners and their addresses be furnished along with a copy of the partnership deed/instrument of partnership duly certified by Notary Public shall be enclosed.

2.5. IN CASE OF COMPANIES:

Date and place of registration including date of commencement certificate in case of public companies (certified copies of Memorandum and Articles of Association are also to be furnished) are to be furnished.

2.6. Nature of business carried on by the Company and the provisions of the Memorandum relating there of shall be furnished.

2.7. Names and particulars including addresses of the Directors and their previous experiences shall be furnished.

2.8. A list of tools and tackles that the bidder is having and those that will be used on this job shall be furnished.

2.9. In addition to the above, the particulars required in annexure shall also be furnished.

3) EARNEST MONEY DEPOSIT (EMD) :

3.1. EMD shall be in the form of DD / Online pay receipt. Tender without EMD / Valid MSME Certificate will be summarily rejected. In cash of Demand Draft the same shall be drawn in favour of " **BHEL, Ranipet**" payable at Ranipet (or) SBI, Mukundarayapuram Branch (Code: 7013), Ranipet -6.

3.2. "No interest shall be payable by BHEL on Earnest Money or Security Deposit, if applicable, or any money due to the Contractor by BHEL."

3.3. Tenders received without Earnest Money in full in the manner prescribed above are liable to be rejected.

3.4. The Earnest Money Deposit of the successful tenders may be retained towards part of Security Deposit.

3.5. In the case of unsuccessful bidders, the Earnest Money will be refunded to them within a reasonable time after finalization of the tender.

3.6. Earnest Money Deposit by the bidder will be forfeited as per tender documents if the bidder :

3.7. Fails to communicate unqualified acceptance of Letter of Intent within 15 days of date of Letter of Intent.

3.8. Does not commence the work within the period as per LOA / Contract. In case the LOA/Contract is silent in this regard then within fifteen days after award of contract.

3.9. After opening of Tender, revokes / withdraws his tender within the validity period or revises / alters his earlier quoted rates / conditions.

3.10. Fails to submit SD as indicated in the Letter of Intent.

4) AUTHORISATION AND ATTESTATION:

Tenders shall be signed by persons duly authorized /empowered to do so. Certified copies of such authority and relevant documents shall be submitted along with the tenders.

5) VALIDITY OF OFFER:

The rates in the Tender shall be kept open for acceptance for a minimum period of **THREE MONTHS** from the date of tender opening. In case the Bharat Heavy Electricals Limited calls for negotiations such negotiations shall not amount to cancellation or withdrawal of the original offer, which shall be binding on the bidders.

6) EXECUTION OF CONTRACT:

The successful bidder's responsibility under this contract commences from the date of issue of the Letter of Award by Bharat Heavy Electricals Limited. The successful bidder shall be required to execute an agreement in the prescribed form with BHEL within a reasonable time after the acceptance of his tender and in any case before submitting the first bill for payment. The expenses for completion, stamping and registration of the agreement with prescribed authority, if necessary, shall be borne by the Contractor.

7) SECURITY DEPOSIT (SD):

SECURITY DEPOSIT shall be collected from the successful tenderer. The total amount of security deposit will be 5% of the contract value. EMD of the successful tenderer shall be converted and adjusted towards the required amount of Security Deposit.

Modes of deposit:

The balance amount to make up the required Security Deposit of 5% of the contract value may be accepted in the following forms:

- i) Cash (as permissible under the extant Income Tax Act)
- ii) Local cheques of Scheduled Banks (subject to realization)/ Pay Order/ Demand Draft/ Electronic Fund Transfer in favour of BHEL
- iii) Bank Guarantee from Scheduled Banks/ Public Financial Institutions as defined in the Companies Act. The Bank Guarantee format should have the approval of BHEL
- iv) Fixed Deposit Receipt issued by Scheduled Banks/ Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL)
- v) Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL)

(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)

- a. At least 50% of the required Security Deposit, including the EMD, should be collected before start of the work. Balance of the Security Deposit can be collected by deducting 10% of the gross amount progressively from each of the running bills of the Contractor till the total amount of the required Security Deposit is collected.
- b. If the value of work done at any time exceeds the contract value, the amount of Security Deposit shall be correspondingly enhanced and the additional Security Deposit shall be immediately deposited by the Contractor or recovered from payment/s due to the Contractor. The recoveries made from running bills (cash deduction towards balance SD amount) can be released against submission of equivalent Bank Guarantee in acceptable form, but only once, before completion of work, with the approval of the authority competent to award the work.
- c. EMD of the successful tenderer will be converted and adjusted against security deposit.
- d. EMD and security deposit shall not carry any interest.

- 7.1.1.** Acceptance of security deposit as per clause (iv) & (v) above will be subject to hypothecation or endorsement on the documents in favour of BHEL. However, BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith.
- 7.1.2.** If the value of the work done at any time exceeds the accepted agreement value, the security Deposit shall be correspondingly enhanced and the extra Security Deposit shall be immediately deposited by the Contractor or recovered from payments due to him.
- 7.1.3.** Failure to deposit the Security Deposit within the stipulated time, may lead to forfeiture of Earnest Money and cancellation of the award of work.
- 7.1.4.** If any part of Security Deposit of the Contractor is held in the form of approved securities it shall be kept transferred in the name of Bharat Heavy Electricals Limited, Ranipet, in such a manner that the same can be realized fully without referring to the Contractor, BHEL shall not be responsible for any depreciation in the value of the Security while in BHEL's custody or for any loss of interest thereon.

BHEL reserves the right to forfeiture of Security Deposit in addition to the other claims and penalties in the event of the Contractor's failure to fulfill any of the Contractual obligation including liquidation or bankruptcy of the contractor, non-payment of money payable by means of arbitration award in favour of BHEL or in the event of termination of Contract as per terms and conditions of Contract. BHEL reserves the right to set off the Security Deposit, against any claims of any other contracts with BHEL.

8.0 RETURN OF SECURITY DEPOSIT:

If the Contractor performs and completes the work in all respects to the entire satisfaction of BHEL and presents an absolute "No Demand Certificate" in the prescribed form and returns properties belonging to BHEL handed over, lent or hired by him for carrying out the said works, Security Deposit will be released to the Contractor after deducting all cost of expenses or other amounts that are to be paid to BHEL under this or other contracts entered into with the Contractor. It may be noted that in no case the Security Deposit shall be refunded/released prior to passing of final bill.

9.0 REJECTION OF TENDER AND OTHER CONDITIONS

- 9.1** The acceptance of tender will rest with BHEL which does not bind itself to accept the lowest tender or any tender and reserves to itself full rights for the following without assigning any reasons whatsoever.
 - 9.1.1.** To reject any or all of the bidders.
 - 9.1.2.** To award the work in part.
 - 9.1.3.** Either of the contingencies stated in (9.1.2) above to modify the time for completion suitably.
- 9.2.** Conditional and Un witnessed tenders, tenders containing absurd or unworkable rates and amounts and tenders which are incomplete and otherwise considered defective and tenders not in accordance with the tender conditions, specifications, etc., are liable to be rejected.
- 9.3.** If a bidder expires after the submission of his/her tender or after the acceptance of his/her tender, BHEL may at their discretion cancel such tender. If a partner of a firm expires the submission of the tender or after the acceptance of the tender, BHEL may cancel such tender at their discretion unless the firm retains its character.
- 9.4.** BHEL will not be bound by any power of Attorney granted by the bidder or by changes in the composition of the firm made subsequent to the execution of the Contract. They may, however

recognize such power of Attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contractor concerned.

- 9.5.** If the bidder deliberately gives wrong information in his tender, BHEL reserves the right to reject such tender at any stage or cancel the contract, if awarded. The Earnest Money/Security Deposit /any other money due shall also be forfeited.
- 9.6.** Canvassing in any form in connection with the tender is strictly prohibited and the tender submitted by the contractor's who resort to canvassing in any form are liable to rejection.
- 9.7.** Should a bidder or contractor or in the case of a firm or company of contractor's one or more of its partners/share holders/Directors have a relation or relations employed in BHEL, the authority inviting tender shall be informed of the fact along with the offer, failing this BHEL may, at its sole discretion reject the tender or cancel the contract and forfeit the Earnest Money/Security Deposit.
- 9.8.** The successful bidder should not sub-contract the part or complete work detailed in the tender specification undertaken by him without written permission of BHEL. The bidder is solely responsible to BHEL for the work awarded to him.
- 9.9.** No deviation from the tender specification shall be acceptable to BHEL. Bidders shall confirm their unqualified acceptance of the terms and conditions by giving an undertaking to this effect in a separate letter as specified by BHEL.

10.1 DEFINITION:

The following terms shall have the meaning hereby assigned to them except where the context otherwise requires.

10.2 BHEL or (B.H.E.Ltd) shall mean Bharat Heavy Electricals Limited a Company registered under Indian Companies Act 1956, with its Registered Office at BHEL House, Siri fort, New Delhi 110 049 or its Authorized Officers or its Resident Engineer or other employees authorized to deal with any matters with which these persons are concerned on its behalf.

10.3 "GENERAL MANAGER"

Shall mean the officer in Administrative charges of contracting unit of BHEL.

10.4 "ENGINEER" or "ENGINEER IN CHARGE" shall mean Engineer who is in-charge for the works referred.

10.5 "SITE" shall mean the place or places at which the plants/equipments are to be erected and services are to be performed as per the specification of this contract.

10.6 "CONTRACTOR" shall mean the individual, firm or company who enters in to this contract with BHEL and shall include their executors, administrators and successor and permitted assignees.

10.7 "CONTRACT" or "CONTRACT DOCUMENT" shall mean/and include the agreement or work order, the accepted appendices of rates, schedules, quantities, if any and general conditions of contract, the special conditions of contract, instructions to the bidders, the drawings, the technical specifications, the special specifications, if any, the tender documents and the Letter of Intent/Acceptance Letter issued by BHEL. Any conditions or terms stipulated by the contractor in the tender document or subsequent letters shall not form part of the contract unless specially accepted in writing by BHEL, in the Letter of intent and incorporated in the agreement.

10.8 "GENERAL AND SPECIAL CONDITIONS OF CONTRACT" shall mean the "Instructions to Bidders and General and Special Conditions of Contract" pertaining to the work for which the bidders are

called for.

- 10.9 “TENDER SPECIFICATIONS”** shall mean the “SPECIFIC CONDITIONS, Technical specifications, appendices, site information’s and drawings” pertaining to the work in which the bidders are required to submit their offer, Individual specification number will be assigned to each tender specification..
- 10.10 “TENDER DOCUMENTS”** shall mean the General and Special Conditions of Contract (10.8) and tender specification (10.9).
- 10.11 “LETTER OF INTENT”** shall mean the intimation by a letter to the bidder that the tender has been accepted in accordance with provisions contained in that letter. The responsibility of the contractor commences from the date of issue of this letter and all the terms and conditions of contract are applicable from this date.
- 10.12 “COMPLETION TIME”** Shall mean the period by date specified in the acceptance of tender or date mutually agreed upon for handing over of the erected equipment/plant which is found acceptable by the Engineer being of required standard and conforming to the specifications of the contract.
- 10.13 “PLANT”** shall mean and cannot the entire assembly of the plant and equipments covered by the contract.
- 10.14 “EQUIPMENT”** shall mean all equipments, machinery, materials, structural, electrical and their components of the plant covered by the contract.
- 10.15 “TESTS”** shall mean and include such test or tests to be carried out on the part of the contractor as are prescribed in the contract or considered necessary by BHEL in order to ascertain the quality, workmanship, performance and efficiency of the contract work or part thereof.
- 10.16 “APPROVED” “DIRECTED” or “INSTRUCTED”** shall mean approved, directed or instructed by BHEL.
- 10.17 “WORK OR CONTRACT WORK”** shall mean and include supply of all categories of labour specified consumables, tools and tackles required for complete and satisfactory site transportation handling, stocking, storing, erecting, testing, and commissioning of the equipments to the entire satisfaction of BHEL.
- 10.18 “SINGULAR AND PLURAL ETC”** works carrying singular number shall also include plural and vice versa, where the context so required. Words importing the masculine gender shall be taken to include the feminine gender and words imparting persons shall include any company or association or body of individuals, whether incorporated or not.
- 10.19 “HEADINGS”**
The headings in these general conditions are solely for the purpose of facilitating reference and shall not be deemed to be part thereof or be taken into consideration in the interpretation or construction thereof or of the contract.
- 10.20 “MONTH”** shall mean calendar month, unless specified otherwise in the tender.
- 10.21 “WRITING”** shall include any manuscript typewritten or printed statement under the signature of BHEL.
- 10.22 LAW GOVERNING THE CONTRACT AND COURT JURISDICTION**

The contract shall be governed by the Law for the time being in force in the Republic of India, and

shall be subject to the Jurisdiction of the courts having Jurisdiction over RANIPET (VELLORE Dist, Tamil Nadu).

10.23 ISSUE OF NOTICE:

The Contractor shall furnish to the BHEL ENGINEER the name, designation and address of his authorized agent and all complaints, notices, communication and reference shall be deemed to have been duly given to the contractor or his authorized agent or left or posted to the address of either the contractor or of his representative and shall be deemed to have been so give in the case of posting on the day on which they would have reached such address in the ordinary course of post or on which they were so delivered of / or left.

10.24 USE OF LAND:

No land belonging to BHEL or their customer under temporary possession of BHEL shall be occupied by the Contractor without the written permission of BHEL.

11 COMMENCEMENT OF WORKS:

- 11.1** The Contractor shall commence the works within the time indicated in the Letter of Intent from BHEL and shall proceed with the same with due expedition without delay.
- 11.2** If the successful bidder fails to start the work within the stipulated time, BHEL, at his sole discretion will have the right to cancel the contract. His earnest money and/or Security Deposit with BHEL will stand forfeited without any further reference to him without prejudice to any and all of BHELs other rights and remedies in this regard.
- 11.3** All the works shall be carried out under the direction and to the satisfaction of BHEL.
- 11.4** The erected/constructed plant or work performed under this contract shall be taken over when it has been completed in all respects and/or satisfactorily put in to operation at site.

12.MODE OF PAYMENT AND MEASUREMENT OF THE WORK COMPLETED:

- 12.1** All payments due to the contract shall be paid through E-PAYMENT (EFT / RTGS) only. The contractor has to furnish acceptance for e-payment, duly indicating the bank account details in the prescribed format.

12.2 For Processing running bill payment :

The contractor shall present detailed measurement working sheets, in quadruplicate, duly indicating all relevant details based on technical documents and connected drawings for work done during the month/period under various categories in line with terms of payment as per letter of intent. The basis of arriving at the quantities/weight shall be the relevant documents and drawings released by BHEL.

- 12.3** These measurement working sheets will be checked and vetted by BHEL Engineers and quantities and percentage eligible for payment under various groups shall be decided by BHEL engineers. The abstract of quantities and percentage so arrived based on the terms of payment shall be entered in Measurement Book and signed by both the parties.
- 12.4** Based on the above quantity, contractor shall prepare the bills in prescribed Performa and work out the financial value. These will be entered in Measurement Book and signed by both the parties and paid duly effecting recoveries due.
- 12.5** All recoveries due from the contractor for the month/period shall be effected in full from the corresponding running bills unless specific approval from the competent authorities is obtained otherwise.

- 12.6** Measurement shall be restricted to that for which it is required to ascertain the financial liability of BHEL under this contract.
- 12.7** The measurement shall be taken jointly by persons duly authorized on the part of BHEL and by the contractor.
- 12.8** The contractor shall bear the expenditure involved, if any, in making the measurement. The contractor shall, without extra charges provide all the assistance with appliances and other things necessary for measurement.
- 12.9** If, at any time due to any reason, whatsoever, it becomes necessary to re-measure the work done in full or in part, the expenses towards such re-measurements shall be borne by the contractor.
- 12.10** Passing of measurement as per bills does not amount to acceptance of the completion of the work mentioned. Any left out work has to be completed if pointed out at a later date by BHEL.
- 12.11.** Final measurement bill shall be prepared in the final bill preformed prescribed for the purpose based on the certificate issued by BHEL Engineer that entire work as stipulated in the tender specification has been completed in all respects to the entire satisfaction of BHEL. Contractors shall give unqualified „No Due and „No Demand certificate. All the tools and tackles loaned to them should be returned in condition satisfactory to BHEL. Quantities/Weight erected shall be prepared and paid, within a reasonable time after completion of work. After payment of final bill, only guarantee obligation percentage shall remain unpaid which shall be released in accordance with terms of payment. The final bill quantities and financial value shall also be entered in Measurement Book and signed by both the parties to the contract.

13 RIGHTS OF BHEL

BHEL reserves the following rights in respect of this contract without entitling the contractor for any compensation.

13.1 To get the work done through other agency at the risk and cost of the Contractor, in the event of Contractor's poor progress, or inability to progress the work, persistent disregard in instruction of BHEL, assignment transfer, subletting of the contract without permission of BHEL, non fulfillment of any contractual obligation etc., and to recover compensation for such losses from the contractor including BHELs supervision charges and overheads from Security Deposit / other dues.

13.2 To withdraw any portion of work and/or to restrict/alter quantum of work as indicated and get it done through other agency and/or with departmental labour to suit BHEL's commitment to its customer or in case BHEL decides to advance the date of completion due to other emergency reasons/BHELs obligation to its customer.

13.3 To terminate the contract after due notice to cause forfeiting of Security Deposit and recover the loss sustained in getting the balance work done through other agencies in addition to liquidated damages in the event of:

- 1) Contractor's continued poor progress.
- 2) Withdrawal from or abandonment of the work before completion of the work.
- 3) Corrupt act of contractor.
- 4) Insolvency of the contractor.
- 5) Persistent disregards to the instructions of BHEL.
- 6) Assignment transfer, sub-letting of the contract without BHEL's permission.

7) Non-fulfillment of any contractual obligations.

13.4 To recover any money due from the contractor from any money due to the contractor under this contract or any other contract or from the Security Deposit.

13.5 LD/Penalty: To claim compensation for losses sustained including BHEL's supervision charges and overheads for completion on termination of contract and to impose penalty for delay in completion of the work at the rate of ½% of the contract value per week of delay or part thereof subject to a ceiling of 10% of contract value.

13.6 To terminate the contract or to restrict the quantum of work and pay for the portion of work executed in case BHEL's contracts with their customers are terminated for any reason.

13.7 To affect recovery from any amount due to the contractor under this or any other contractor in any other form the moneys BHEL is forced to pay to anybody, due to contractor's failure to fulfill any of his obligation.

13.8 To restrict or increase the quantity and nature of work to suit the site requirements since the tender specification is based on preliminary documents and quantities furnished there in are indicative and approximate and the rates quoted shall not be subject to revision.

13.9 To deploy BHEL's fitters, welders, operators and technicians in case of emergency/poor progress/deficiency in skill on the part of employees of contractor's and to recover the expenditure on account of the same from contractor's bills.

13.10 While every endeavor will be made by BHEL they cannot guarantee un-interrupted work to the contractor due to conditions beyond their control. Contractor will not be entitled for any compensation extra payment on his account.

13.11 In the event of any dispute of any nature, the decision of BHEL shall be final and binding on the contractor.

14) RESPONSIBILITIES OF THE CONTRACTOR IN RESPECT OF LOCAL LAWS, EMPLOYMENT OF WORKERS Etc.

The following are the responsibilities of the Contractor in respect of observation of local laws, employment of personnel, payment of taxes etc.

14.1 As par as possible unskilled workers shall be engaged from the local areas in which the work is being executed.

14.2 The contractor at all times during the continuance of this contract shall, in all his dealings with local labour for the time being employed on or in connection with the work, have due regard to all local festivals, religious and other customs.

14.3 The contractor shall comply with all state and Central Laws, Statutory Rules, Regulations etc., inclusive of those regarding labour and industrial laws which are applicable from time to time and they shall comply with the provisions of the said labour legislations, rules and regulations framed under the provisions of Employees Provident Fund and Miscellaneous Provisions Act 1952 shall be strictly followed.

14.4 The contractor shall pay all taxes, including sales Tax on works contract if any fees, license, charges, deposits duties, tool royalty commissions or other charges which may be leviable on account of any of his operations in execution of the contract in case BHEL is forced to pay any of such taxes. BHEL shall have the right to recover the same from the contractor either from his bills or other wise as deemed fit.

- 14.5** The contractor shall be responsible for provision of health and sanitary arrangements (more particularly described in Contract Labour Regulation & Abolition Act) safety precautions etc., as may be required for safe and satisfactory execution of the contract.
- 14.6** The contractor shall be responsible for providing proper accommodation including adequate medical facilities for the personnel employed by him.
- 14.7** The contractor shall be responsible for the proper behavior and observance of all regulations by the staff employed by him.
- 14.8** The contractor shall ensure that no damage is caused to any person/property of other parties working at site. If any such damage is caused it is the responsibility of the contractor to make good the losses or compensate for the same.
- 14.9** All the properties/equipments/components of BHEL their client loaned with or without deposit to the contractor in connection with contract shall remain the properties of BHEL/their client. The contractor shall use such properties for purpose of execution of this contract, all such properties/equipments/components shall be deemed to be in good condition when received by the Contractor's unless he notifies within 48 hours to the contrary. The Contractor shall return them in good condition as and when required by BHEL/their client. In case of non-return, loss, damage, repairs etc, the cost thereof, as may be fixed by the site Engineer, will be recovered from the Contractor.
- 14.10** It is not obligatory on the part of BHEL to supply any tools and tackles or other materials other than those specifically agreed to do so by BHEL. However, depending upon the availability/ possibility BHEL's customer's handing equipment and other plants may be made available to the contractor on payment of the hire charges/free of charges, as fixed subject to the conditions laid down by BHEL/Customer from time to time. Unless paid in advance such hire charges if applicable shall be recovered from contractor's bills/security deposit in one installment.
- 14.11** The Contractor shall fully indemnify BHEL against all claims of whatsoever nature arising during the course of erection/construction/performing work under the contract.
- 14.12** In case the Contractor is required to undertake any work outside the scope of this contract the rate payable shall be those mutually agreed upon.
- 14.13** Any delay in completion of works/non-achievement of periodical targets, due to reasons attributable to the contractor, the same will have to be compensated by the Contractor either by increasing manpower and resources or by working extra hours and/or by working more than one shift. All these are to be carried out by the contractor at no extra cost.
- 14.14** The contractor shall arrange and co-ordinate his work in such a manner as to cause no hindrance to other agencies working in the same premises.
- 14.15** All safety rules and codes applied by the client/BHEL at site shall be observed by the contractor without exception. The contractor shall be responsible for the safety of the equipment/material and works to be performed by him and shall maintain all light, fencing guard's signs etc, or other protection necessary for the purpose. Contractor shall also take such additional precautions as may be indicated from time to time by the Engineer with a view prevent pilferage, accidents, fire hazards and due precautions shall be taken against fire hazards and atmospheric conditions. Suitable number of clerical staff, watch and ward, store keepers to take care of equipment, materials and construction tools and tackles shall be posted at site by the contractor till the completion of the work under this contract. The

contractor shall arrange for such safety devices as are necessary for such type of work and carry out the requisite site tests of handling equipments, lifting tools, tackles, etc., as per prescribed standards and practices.

14.16 The contractor will be directly responsible for payment of wages to his workmen. A pay roll sheet giving all the type payments given to the workers and duly signed by the contractor's representative should be furnished to BHEL Site office on or before 15th of every succeeding month.

14.17 In case of any class of work for which there is no such specification as laid down in the Contract, such work shall be carried out in accordance with the instructions and requirements of the Engineer.

14.18 No levy of payment or charge made or imposed shall be impeached by reason of any clerical error or by reason of any mistake in the amount levied or demanded or charged.

14.19 Also no idle labour charges will be admissible in the event of any stoppage caused in the work resulting contractor's labour being rendered idle due to any cause at any time.

14.20 The contractor shall take all reasonable care to protect the materials and work till such time the plant/equipment has been taken over by BHEL/their client.

14.21 Contractor shall not stop the work or abandon the site for whatsoever reason or dispute, excepting for force major conditions. All such problems/dispute shall be separately discussed and settled without affecting the progress of work. Such stoppage or abandonment shall be treated as breach of contract and dealt with accordingly.

15) CONSEQUENCES OF CANCELLATION:

15.1 Whenever BHEL exercises its authority to terminate the contract/withdraw a portion of work under the clause 13 they may complete the work by any means. In the event of the cost of completion as certified by the site Engineer which is final and conclusive being less than the contract cost, the advantage shall accrue to BHEL and that if the cost of completion exceeds the moneys due to the contractor under the contract, the contractor shall either pay the excess amount ordered by BHEL or the same shall be recovered from the contractor by any other means. This will be in addition to the forfeiture of Security Deposit and recovery of liquidated damages as per the relevant clauses.

15.2 In case BHEL completes the work under the provision of this condition, the cost of such Completion to be taken into account in determining the excess cost to be charged to the contract under this condition, shall consist of materials purchased and/or labour provided by BHEL with an addition of such percentage to cover supervision and establishment charges as may be decided by BHEL.

16) INSURANCE:

16.1 It is sole responsibility of the contractor to insure his workmen against accidents and injury while at work as required by relevant Rules and to pay compensation, if any, to workmen as per workmen's Compensation Act. The work will be carried out in a protected area and all the rules and regulations of the client/BHEL in the area of project which are in force from time to time will have to be followed by contractor.

16.2 If due to negligence and/or non-observance of safety and other precautions, any accident/injury occurs to any other persons/public, the contractor shall have to pay necessary compensation and other expenses if so decided by the appropriate authorities.

16.3 If due to contractor's carelessness, negligence of non-observance of safety precautions damage to BHELs /customers property and personnel should occur and if BHEL is unable to recover in

full cost from the insurance company, the same will be recovered from the contractor.

16.4 It shall be the responsibility of the contractor to provide security arrangement for the materials belonging to BHEL and handed over to the contractor for erection/transportation till the same are taken over by BHEL after erection/returned to BHEL stores.

17) STRIKES & LOCKOUTS:

17.1 The contractor will be fully responsible for the entire dispute and other issues connected with his labor. In the event of the contract labor resorting to strike or the contract resorting to lock-out and if the strike or lock-out declared is not settled within a period of one month, BHEL, shall have the right to get the erection work executed employing its won labor or through any agencies or both and the cost so incurred by BHEL be deducted from the contractor's bills.

17.2 For any purpose whatsoever the employees of the contractor shall not be deemed to be in the employment of BHEL.

18. Note: BHEL has now made arrangements for payment of EMD thru' Online. The steps to make online payment is detailed as below:

- 1) Visit <https://www.onlinesbi.com/prelogin/icollecthome.htm>
- 2) Click 'Proceed' button
- 3) Select '**Tamilnadu**' in the drop down menu under 'State of Corporate/Institution **'
- 4) Select '**PSU-PUBLIC SECTOR UNDERTAKING**' in the next drop down menu under " Type of Corporate/Institution"
- 5) Click 'Go' button
- 6) Select '**BHEL BAP RANIPET**' in the drop down menu under "PSU-PUBLIC SECTOR UNDERTAKING'
- 7) Click 'Submit' Button
- 8) Select '**EMD**' in the drop down menu under ' Select Payment Category'
- 9) Now Fill in the required details and ensure correctness of data filled. Ensure that you are entering correct enquiry/tender number and other details correctly.
- 10) Make payment for EMD as required in tender after entering the details and enclose copy of receipt along with tender documents.

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GENERAL INSTRUCTIONS TO BIDDERS

1. Sealed Tenders for the work mentioned in the Schedule are invited from Contractors experienced in works of similar kind and magnitude.
2. Tenders must be submitted **in sealed covers** and should be addressed to
**DGM, WCM DEPARTMENT,
ENGG. BUILDING –GROUND FLOOR(WEST SIDE),
BHARAT HEAVY ELECTRICALS LIMITED,
RANIPET – 632 406.**
The Name, Address of the Bidder and the name of work shall be clearly mentioned on the cover.
3. Tenders will be received up to **14.00 hrs. on 21.08.2017** in the prescribed form and will be opened on **21.08.2017 at 14.30 hrs** onwards at WCM Office Conference Hall in the presence of such of those Bidders or their agents who may choose to attend.
4. Bidder should sign and seal each and every page of the tender document including the drawings/annexure attached thereto before submitting the tender.
5. Tenders not submitted in the prescribed forms are liable for rejection.
6. In quoting the rates, the Bidders are advised to take into account all factors including any fluctuations in the market rates etc. No claim will be entertained on this account after acceptance of the tender or during the currency of the contract.
7. GENERAL CONDITIONS OF CONTRACT FOR WORKS, GENERAL INSTRUCTIONS TO BIDDERS , drawings, specifications and other documents also form part of the agreement to be entered into.
8. In the event of tender being submitted by a firm, the tender must be signed separately and legibly by each partner or member of the firm or in their absence, by the person holding the Power of Attorney on behalf of the firm concerned. In the latter case, a copy of the Power of Attorney duly attested by a Gazette Officer must accompany the tender.
9. The Bharat Heavy Electricals Limited, reserves the right to reject any or all the tenders received or accept any tender or part thereof without assigning any reason there for. In case of acceptance of a part of tender, time for completion may also be reduced to the extent considered appropriate by the accepting authority.
10. Unit rates should be quoted in figures as well as in words with reference to each item and for all the items shown in the attached schedule.
11. The quoted rates shall also include expenditures towards complying statutory payments like Provident fund, ESI payments, bonus etc for the labourer & staff deployed in the work.
12. The contractor will have to submit the Service Tax Registration certificate to BHEL and claim the Service Tax from BHEL by submitting Tax invoice as per Rules & Regulations of Service Tax and the documentary evidence will have to be submitted along with the next bill. If for any reason, the contractor has to pay penalty, interest on service tax, the contractor has to bear such additional payment. BHEL will pay only the service tax at actual. **The Bharat Heavy Electricals Limited will not entertain any claim in this regard.**

13. Terms of Payment:

Post payment shall be paid based on the actual work done by the contractor as per BOQ after certifying by Engineer in-charge against submission of tax invoice in triplicate and necessary statutory documents (PF, ESI).

14. If the bidder find discrepancies or omissions in the tender documents or should be in doubt as to their meaning, he should at once address the authority inviting the tender for clarification. Every endeavor is made to avoid any error which can materially affect the basis of the tender but the successful Bidder shall take up on himself to provide for the risk of any error which may be subsequently discovered and shall make no subsequent claim on account thereof.
15. "Painting thickness ranges" shown in the (SOR) are as per the painting schedules of various Product/Project/customer's requirement of BHEL. Measurements of painting thickness will be made as per respective painting schedules only. No claims/measurements will be entertained by BHEL , on account of variations in actual thickness measured.(i.e. excess over painting schedule requirements).
16. Quantities shown in the attached schedules are only approximate and may vary up to +/- 10 %.
17. Should a Bidder or a contractor has a relative or in the case of a firm or company of contractors any of its shareholders or share holder's relative, employed in Bharat Heavy Electricals Limited, the authority inviting tenders shall be informed of this fact at the time of submission of the tender failing which tender may be disqualified or if such fact subsequently come to light, the contract may be rescinded.
18. If the Bidder expires after submission of his tender, the Bharat Heavy Electricals Limited may be at the discretion of cancel such tender.
19. If a partner of a firm expires after submission of the tender or after the acceptance of the tender, Bharat Heavy Electricals Limited may cancel such tender at the discretion unless the firm retains his character.
20. The Bharat Heavy Electricals Limited will not bound by any Power of Attorney granted by the Bidder or changes in the composition of the firm made subsequent to the execution of the contract. They may, however, recognize such power of attorney and changes after obtaining proper legal advice, the cost of which will be chargeable to the contract concerned.
21. The contractor deliberately, gives wrong information in his tender or creates conditions favorable for the acceptance of his tender; Bharat Heavy Electricals Limited reserves the right to reject the tender at any stage.
22. Words imparting the singular number shall also deem to include the plural number and vice versa where the context so requires.
23. The General and Special Conditions of Contract are complimentary to each other and where they are in conflict, the Special Conditions shall prevail. In regard to matters not covered by the General or Special Conditions of Contract, those contained in the specifications approved by Bharat Heavy Electricals Limited shall apply.
24. Canvassing in any form in connection with the tender is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable for rejection.
25. All contractors will have to produce Income Tax clearance certificate from the Income Tax authorities concerned along with their tenders. Those contractors whose income is not taxable will be required to give an affidavit of their income on the prescribed form.
26. **The contractor should possess necessary licenses, Permanent PF A/c No, and should take Insurance for his workers and produce them before commencement of work. The Contractor shall insure all his materials, tools, tackles etc. and also for third party.**

27. **COMPLIANCE TO REGULATIONS AND BY-LAWS:**

The Contractor shall conform to the provisions of any statute relating to the work and regulations and By-laws of any local authority. The Contractor shall be bound to give all notices required by statute regulations or By-Laws as aforesaid and to pay all fees and taxes payable to any authority in respect thereof.

28. **GST :**

Registration & GST Rate

1. Bidder should indicate GSTIN No. (Copy of GST registration to be enclosed) and PAN No. (copy of PAN to be enclosed).
2. Tender will be considered/ accepted, if & only if the vendor has a valid GST Registration No.
3. Central Tax/ State Tax/ Integrated Tax/ Union Territory tax to be quoted as extra in %.
4. Bidders to ensure correct applicability of Central Tax/ State Tax/ Integrated Tax/ Union Territory tax based on the Inter / Intra state movement Supply of goods and provision services or both.

Invoicing & Payment

5. The Tax Invoice for supply of Goods & Services should be raised as per the provision of GST Act & Rules and must compulsorily mention the following :-
 - a. BHEL-RANIPET GSTIN: 33AAACB4146P2ZL or GSTIN of BHEL Nodal Agency as mentioned in NIT or informed subsequently.
 - b. HSN Code or Service Accounting Code for supply of goods or services.
 - c. Name & address of supplier
 - d. GSTIN of Supplier
 - e. Consecutive Serial Number & date of issue
 - f. Description of goods or services
 - g. Total value of supply
 - h. Taxable value of supply
 - i. Tax Rate – Central Tax & State Tax or Integrated Tax, Cess
 - j. Amount of Tax charged
 - k. Place of supply
 - l. Address of delivery if different from place of supply
 - m. Signature of authorized signatory
6. Reimbursement of GST to the vendor is contingent upon complying with the following condition by the service provider:-
 - i. Uploading the onward GST Return (**GSTR-1**) in GSTN Network portal within the statutory time period.
 - ii. Discharging the GST tax liability to the Government.
 - iii. Submission of Tax Invoice to BHEL.
 - iv. Submission of proof of payment of GST to BHEL.
 - v. Availment of Input Tax Credit by BHEL.

Input Tax Credit

7. In case GST credit is delayed/ denied to BHEL, due to non/delayed receipt of goods and/or services and/or tax invoice or expiry of timeline prescribed in GST Law for availing such ITC, or any other reason not attributable to BHEL, GST amount shall be recoverable from Vendor along with interest & penalty levied/ leviable.

8. In case vendor delays declaring such invoice in his return and GST credit availed by BHEL is denied or reversed subsequently as per GST law, GST amount paid by BHEL towards such ITC reversal as per GST law shall be recoverable from vendor/contractor along with interest & penalty levied/ leviable on BHEL.
9. In case of discrepancy in the data uploaded by supplier in the GSTN portal or in case of any incomplete work/service, then BHEL will not be able to avail the tax credit and will notify the supplier of the same. Supplier has to rectify the data discrepancy in the GSTN portal or issue credit note (details to be uploaded in GSTN portal).
10. For any such delay in availing of tax credit for reasons attributable to vendor (as mentioned above), interest as per the GST Act & Rules, 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.

Penalty for Non-compliance of GST Act

11. Penalty amount so determined along with GST if applicable thereon shall be recovered from the contractor.

Anti-profiteering Measure

12. Any reduction in rate of Tax on any supply of goods or services or the benefit of input tax credit shall be passed on to the recipient by way of commensurate reduction in prices.

Other Provision

13. The agency should quote the applicable taxes and duties in the technical bid (part-A) as well as in price bid (part-B).
14. All the terms & conditions of the contract with respect to Taxes & Duties are subject to the new taxation laws introduced from time to time (e.g., GST). The terms & conditions will be modified in accordance with the provisions of new laws (e.g., GST).
15. The Prices quoted above must be inclusive of all taxes and duties and exclusive of GST, which will be payable extra as per applicable rules and subject to Submission of documentary evidence.
16. **In case any changes in taxes and duties as per Gov. Notification (including GST), the same shall be applicable from time to time.**
17. **If the Contractor is not registered for any statutory obligation and not liable there to, then a declaration shall be submitted along with offer that they are within the threshold limit.**

The following details to be furnished by the bidder:

S.No.	Details	To be filled by the bidder
1	GSTIN No. (Copy to be enclosed)	
2	PAN No (Copy to be enclosed)	
3	HSN Code & SAC Code (Copy to be enclosed)	

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SPECIAL CONDITIONS OF THE CONTRACT

1. The contractor should carryout the work at the place identified by the authority concerned with in the premises of BHEL.
2. Inspection shall be carried out by our contract executing incharges after completion of work.
3. The cleaning works are to be carried out and /or to be completed with the stipulated period and if necessary the contractor shall take necessary steps to augment the work force.
4. BHEL reserves the right to increase or decrease the tendered quantity.
5. Lowest prices received against BHEL tenders need not be the technically acceptable one, and in that case, BHEL reserves the right not to consider the same.
6. BHEL reserves the right to negotiate or refloat the tender opened, if L1 Price is not lowest Acceptable price to them inter-alia other reasons. BHEL reserves the right to negotiate the L1 rate.
7. **The contract will be finalized based on the overall LOWEST value and to be awarded to single party only. Clarification if any can be obtained from the undersigned before submitting the offer.**
8. This work shall be in force for ONE Month from the date of commencement of work. The period of the contract may be renewed or extended at the discretion of Bharat Heavy Electricals Limited.
9. The contractor should carryout the work at the place identified by the authority concerned within the premises of BHEL.
10. Tenderers are advised to go through the Scope of the work, Special conditions of the contract and the General conditions of the contract and understand fully before quoting. Any doubt in the documents should be clarified from Local Site Fabrication Department of BHEL, Ranipet before submitting their offer.
11. This original "Tender Documents" should be submitted to us duly signed and stamped in all the pages of the Tender Specification, General conditions and special conditions etc. by the Tenderer including any deviations from tender conditions.
12. All entries in the tender documents should be in one ink. Tenderer shall duly sign all cancellations & insertions. The quoted rates shall be firm for the contract period of one month. In quoting the rates, the tenderers are advised to take in to account all factors including any fluctuations in the market rates etc. No claim will be entertained on this account after acceptance of the tender and during the currency of the contract.
13. Before submitting offer, the tenderers are advised to inspect the site of work and its environments and be well acquainted with actual working and other prevalent conditions, position of materials and labour. The rates quoted shall remain valid for a period of 90 days from the date of opening of the tender.
14. Rates for each item of works in the Rate Schedule should be quoted in Rupees & Paise only. The rates shall be for the finished work at site. Rates shall be both in figures and words. In case of any difference in the rates quoted in figures & words, the lower of the two rates will be taken as the tendered rate.
15. The scheduled period of completion for this work will be ONE MONTH and the contractor will have to plan this work accordingly. Quantities shown in the attached schedules are indicative only and they are liable to vary depending upon the shop production. Any claim on account of variation of quantity will not be entertained. The period of contract may be extended on mutual agreement.
16. Rates quoted shall include all applicable terminal taxes leviable under the state and central government rules, except Service Tax (will be reimbursed by BHEL) . Bharat heavy Electricals Limited (BHEL) will not entertain any claim whatsoever in this respect. The quoted rates shall also include expenditures towards complying statutory payments like Provident fund, ESI payments, bonus etc for the labours & staff deployed in the work.

**SIGNATURE OF THE TENDERER
WITH SEAL AND ADDRESS**

17. BHEL will not be responsible for any loss / delay of documents sent by post / Courier.
18. All the information as called for in the various clauses and annexure of tender specification should be furnished. Please refer to the check list. The details so furnished shall be complete in all respects and as per the formats prescribed in the Tender Documents. The bidder may have to produce original documents for verification, if so desired by BHEL.
19. The Tenderers should specify whether they are doing any other work of same nature within the State of TAMIL NADU at present.
20. Contractor should employ only qualified personnel for executing the work.
21. Contractor has to provide all relevant Personal protective equipment (PPE) to the labours.
22. In case of any exigency, medical facilities may be extended by BHEL and the cost towards the same will be recovered from the contractor's running bills.
23. In case of labour strength/working time has to be increased to complete the work within the stipulated period, no extra claim for payment under any circumstances will be entertained.
24. The contractor should carryout the work at the place identified by the authority concerned within the premises of BHEL.
25. The contractor shall name a place of business, which is to be approved by the Officer-in-charge for the purpose of his office. At this office, there shall be a person (contractor's representative) present during the regular business hours to receive and carry out instructions.
26. The contractor shall be solely responsible for the safe custody for the materials from the time the materials are handed over to him till the materials are delivered at the places specified and will indemnify the Bharat Heavy Electricals Limited against any loss, damage, breakage, shortage and pilferage of any materials while in his custody.
27. In case of any neglect or refusal on the part of the contractor to provide sufficient labour for the aforesaid work or if in the opinion of Officer-in-charge, the services provided by the contractor are not satisfactory, the Officer-in-charge shall be at liberty to make such arrangement as he may deem fit at the cost and expense of the contractor. The contractor shall be advised of the amount so incurred and he shall be bound to remit the sum within three days from the date of receipt of such advice. Failure to do so will entitle the Officer-in-charge to deduct the sum from the money due to the contractor.
28. The contractor shall either supervise the work or provide sufficient supervisors to supervise the work of his staff. The supervisors employed by the contractor shall ensure proper outturn of work and discipline is maintained by the labours and in general to see that the works are carried out in a safe and proper manner.
29. BHEL will not be responsible for the idle labour of the contractor for whatever reasons.
30. Should any error or ambiguity be discovered in the specification or information, the contractor shall forthwith bring the same to the notice of Bharat Heavy Electricals Limited before commencement of work. The BHEL's interpretation in such cases shall be final and binding on the contractor.
31. Bharat Heavy Electricals Limited reserves the right to decide the suitability of the workers and other personnel who may be employed by the contractor.
32. In case of any loss to Bharat Heavy Electricals Limited, caused due to stoppage of work without sufficient reason or damage to any equipment or components or any property thereof, due to the negligence and carelessness of the contractor's men, the responsibility shall rest with the contractor. The actual cost of the loss or damage together with the overhead will be recovered from the contractor's bill. The decision of BHEL regarding the cost of loss as well as the extent of cost of damage shall be final and conclusive.

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ACCEPTANCE FOR ELECTRONIC FUND TRANSFER / RTGS TRANSFER

01	NAME & ADDRESS OF THE SUPPLIER / VENDOR PHONE NO. WITH STD CODE		
		PAN NO.	<input type="text"/>
02	VENDOR CODE (as in WORK ORDER)	<input type="text"/>	<input type="text"/>
03	Details of Bank Account:		
A)	NAME & ADDRESS OF THE BANK (WITH PIN CODE)		
B)	BANK TELEPHONE NUMBER (WITH STD CODE)	<input type="text"/>	
C)	BANK BRANCH CODE:	<input type="text"/>	
D)	MICR CODE	<input type="text"/>	
E)	ACCOUNT NUMBER	<input type="text"/>	
F)	TYPE OF ACCOUNT	CURRENT / OD / CASH CREDIT	
G)	VENDOR NAME AS PER BANK RECORDS		
H)	BANK BRANCH RTGS IFSC CODE	<input type="text"/>	
I)	BANK BRANCH NEFT IFSC CODE	<input type="text"/>	
J)	VENDOR'S EMAIL ID (give two ids)	<input type="text"/>	
		<input type="text"/>	
K)	NAME OF AUTHORISED SIGNATORY		

CERTIFICATE

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

AUTHORISED SIGNATORY OF VENDOR WITH SEAL

Banker's Certification

We confirm that we are enabled for receiving RTGS and NEFT credits and we further confirm that the account number of

_____ (name of account holder), the signature of the authorized signatory and the MICR and IFSC codes of our Branch mentioned above are correct.

PLACE:

DATE:

(Manager / Officer's
Signature Under Bank stamp)
Authorisation No. _____

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

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PRICE BID (PART-II)
Schedule of Rates (SOR)

S.No.	Description	Qty	Unit	% Weightage of each item w.r.to Total amount (excluding GST)
	Handling of pipe materials, marking, cutting, edge preparation, assembly, fit-up, welding, for radiography (100% radiography for SS piping), leak and pressure testing. Radiography is not vendor scope. Pre-Fabrication, Erection, Welding & Testing of SS piping.			
	Joints.			
1	SS BUT Joint inch dia (Less than 1" dia pipe will be considered as 1" dia & more than 1" dia will be considered at a actual size).	150	Inch dia	85.3739246%
	Pipe Erection.			
2	Pipe erection inch meter (Less than 1" inch metre will be considered as 1" inch & more than 1" inch metre will be considered at a actual size).	55	Inch metre	4.0039709%
3	SS pipe support	60	Kgs	3.1767042%
4	MS pipe support	250	Kgs	5.4599603%
5	One inch valve	12	inch valve	1.9854401%
	Total Weightage			100.00%
6	LUMPSUM AMOUNT (Excluding GST) "ONLY" TO BE QUOTED BY THE BIDDER			

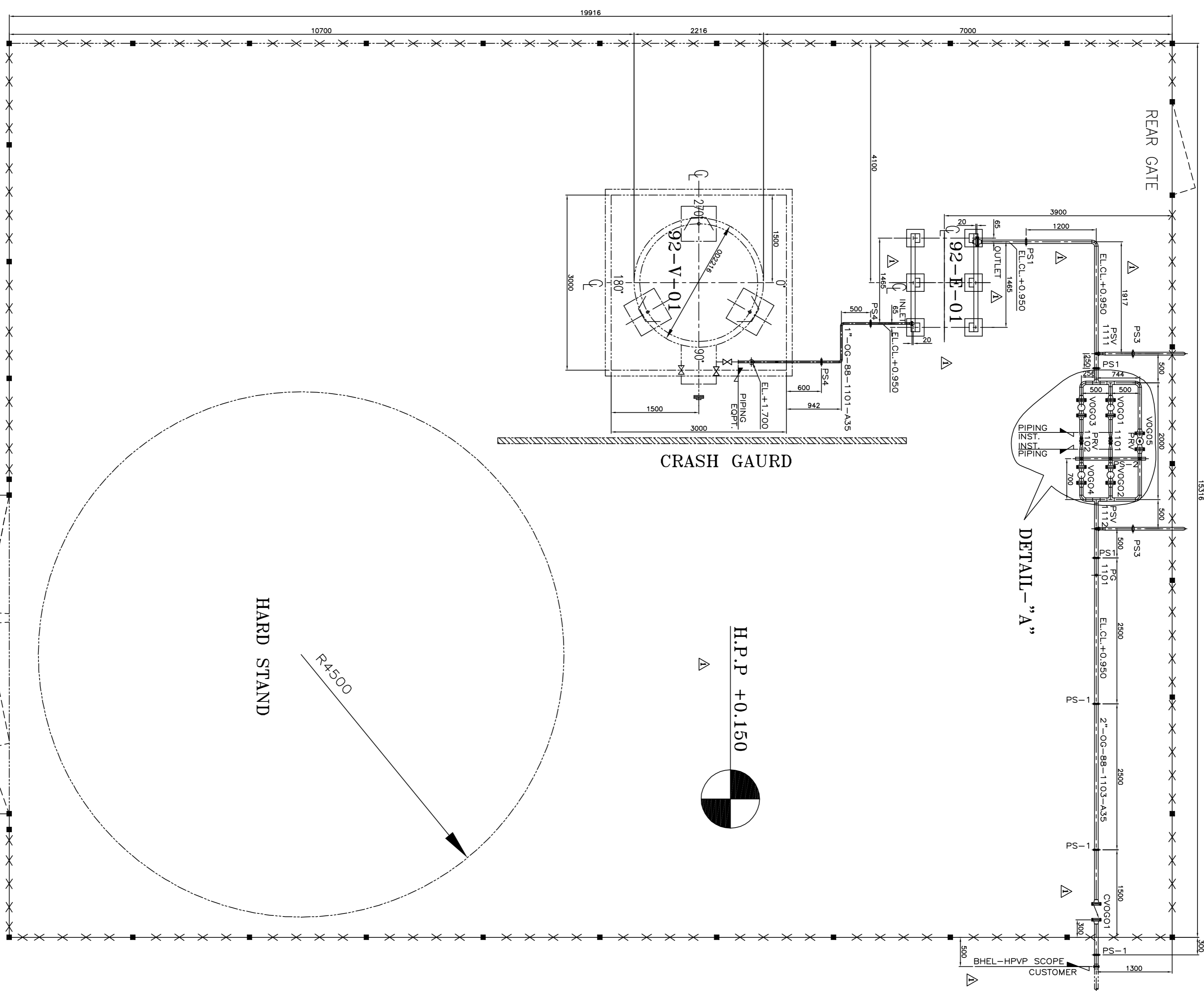
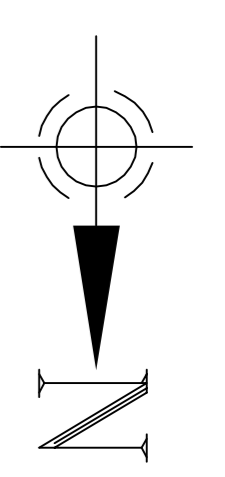
(Lump sum Amount excluding GST in Words _____)

_____ only)

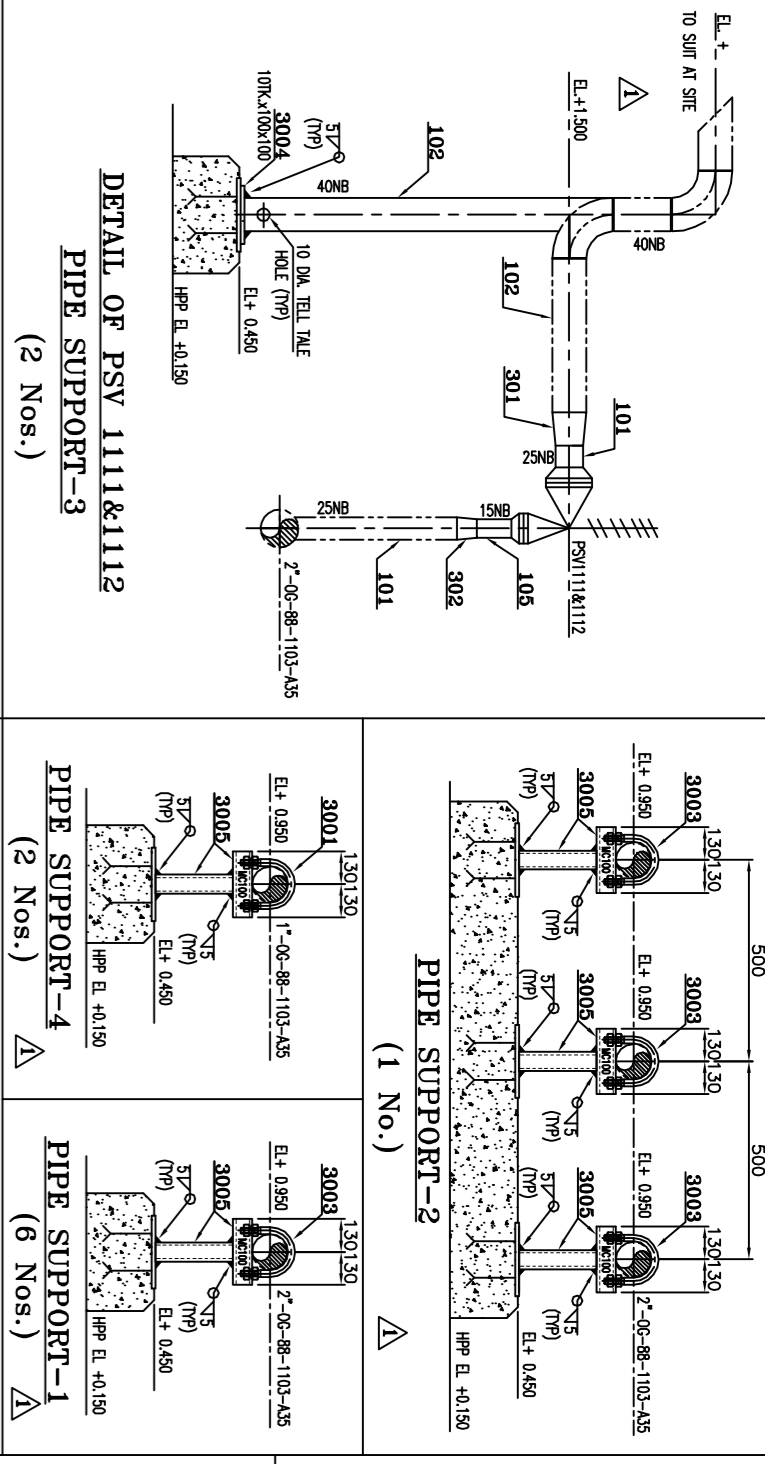
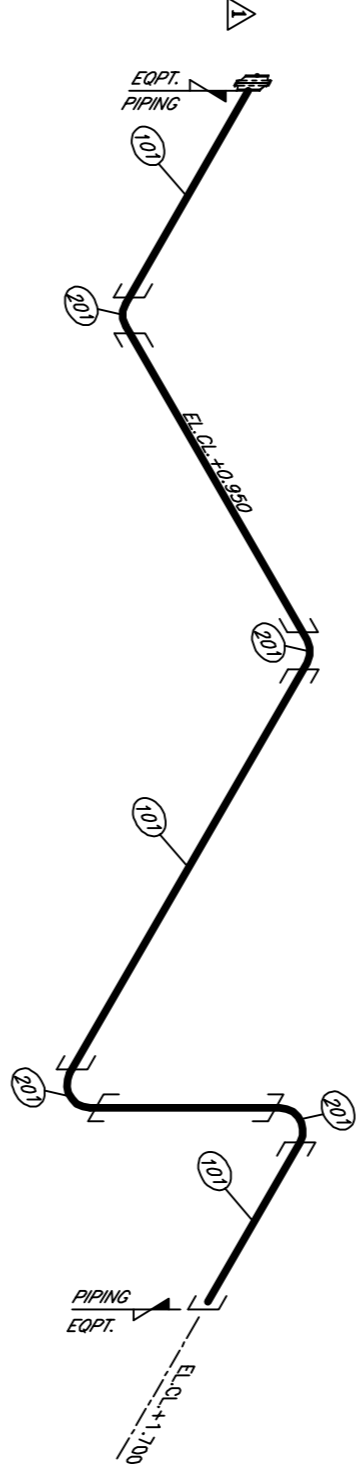
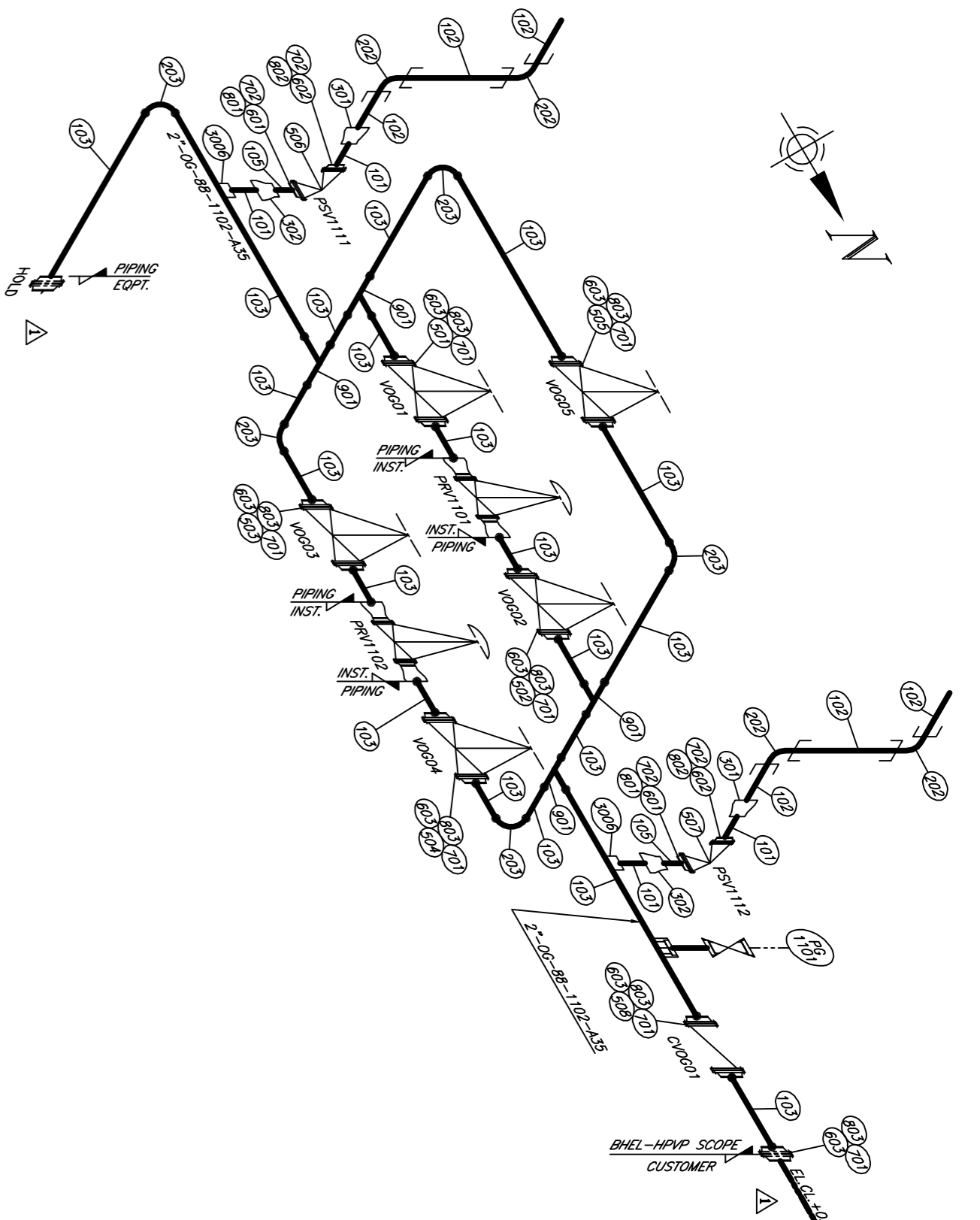
Note:

- Individual item rates for the above schedules will be arrived based on the lumpsum amount quoted by the bidder & % percentage weightage indicated against each schedule. This amount shall be rounded off to the nearest Rupee.
- Applicable/Quoted GST amount will be extra & same will be taken into account while evaluating total cost to BHEL, for arriving at L1 bidder.
- Any other entry elsewhere (individual item rate, if any) in the Price bid by the bidder shall be treated as Null and Void.
- If GST is applicable, then the rate of GST shall be clearly indicated. GST amount will be reimbursed to the contractor on submission of proof of remittance challan and uploading the details GSTN network within the statutory time period.
- If not specified in the tender separately, the rates quoted will be treated as inclusive of GST.

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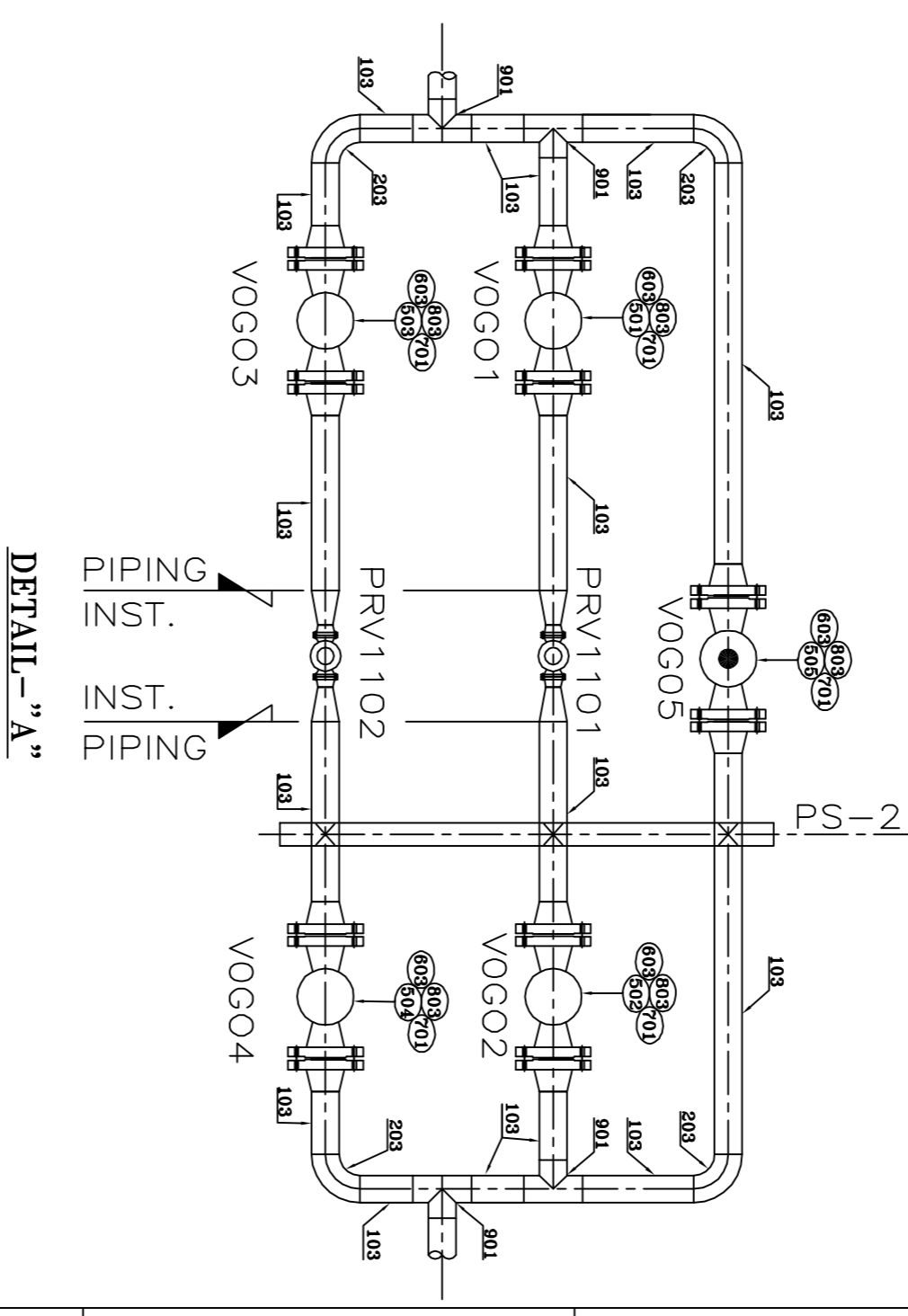


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DETAIL OF PRESSURE TAPPINGS (3/4")

Serial No.	DATE	DESCRIPTION	BY	CHECKED	REMARKS
1.	2014	ISSUED FOR			
2.	2014	REVISED			
3.	2014	REVISED			



NOTES:

1. GENERAL NOTES REF:DRG:NO:CRPL-5592-00-N-001.
2. FOR LOCATION OF EQUIPMENTS, REF:FLAYOUT DRG:NO:CRPL-5592-00-L-001.
3. ALL DIMENSIONS ARE IN MM & ELEVATIONS ARE IN METERS.
4. SUPPORTS ARE SHOWN TO THE EXTENT POSSIBLE, HOWEVER, IF ANY, ADDITIONAL SUPPORTS ARE REQUIRED MAY BE PROVIDED CONVENIENTLY AS PER SITE CONDITION.
5. FOR GA OF EQUIPMENTS, REF:RESPECTIVE DRGS.
6. FOR P&ID DIAGRAM, REF:DRG:NO:CRPL-5592-00-P-001.
7. BATTERY LIMIT COMPANION FLANGES TO BE PROVIDED BY CUSTOMER.(150#RATING)

REV NO.	ZONE	DESCRIPTION	DATE	BY	CHECKED	REMARKS
1		SHOP RELEASE HOLDS REMOVED.				
0		FIRST ISSUE				

REF DRG NO.

BHEL

GENERAL NOTES:
1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE STATED.
2. TO IS 8133.
3. SURFACE FINISH SYMBOLS ARE TO IS 3073-1967.
4. DESIGN SCALE: THE DRGS. ARE TO IS 3073-1967.

APPROVED: **DRG**

SCALE: 1:1

CUSTOMER: **BHARAT HEAVY ELECTRICALS LTD. RANIPET**

GENERAL ASSEMBLY FOR **10. OXYGEN STORAGE AND VENTILATION SYSTEM**


WORK ORDER NO. 5592-45

YEAR OF ORDER 2014

SIZE A1

DRAWING NO. CRPL-5592-45-A-001

REV NO 1

	MANUFACTURER'S NAME & ADDRESS BHEL-VISAKHAPATNAM & Approved Subcontractors	MANUFACTURING QUALITY PLAN						PROJECT: 13 KL Liquid Oxygen Storage System SO NO:5592			
		ITEM: Inter connecting Piping		QP NO: CQP:2424 REV 00 Date: 16.06.2017 Page 1 of 2							

SL No	COMPONENT & OPERATION	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY			REMARKS
									D	M	C	N	
1	2	3	4	5	6	7	8	9	D				

1.0 RAW MATERIALS & BOUGHT OUT ITEMS SHALL BE PROCURED FROM BHEL APPROVED VENDORS. RAW MATERIAL SHALL BE AS PER DRAWING														
1.1	Seamless Steel Pipes: SA 312 TP304 (as applicable)	Chemical, Mechanical tests, Soundness (UT),	A	TC verification	100%	Material specification as per Column 2 UT: ASTM E213	Mfg TC	√	P	V				
1.2	Bars/Forgings SA403WP304, 304L, SA182F304 as applicable	Chemical, Mechanical tests, Soundness (UT)	A	TC verification	100%	Material specification as per Column 2 ASME Sec VIII Div.2 acceptance SA 388 CI 3.3.4	Mfg TC		P	V		* For dia/thickness > 50 mm		
1.3	Formed Fittings\$\$: SA403WP04, SA182F304, SA194Gr8 (As applicable)	Chemical, Mechanical tests, Soundness (UT)	A	TC verification	100%	Material Specification as per Column 2. UT: SA388, Acceptance: ASME Sec. VIII Div.2 CI 3.3.4	Mfg TC	√	P	V		\$\$ All tests are done on the raw material		
2.0 IN PROCESS CONTROL														
2.1	Welding	Procedure Qualification, Personnel Qualification	B	WPS review	100 %	ASME Sec IX	WPS		P	V				
			B	WQR review	100 %				WQR	P			V	
Prepared By <i>V. Sunitha</i> V.Sunitha		Reviewed & Approved By <i>V. Sampath Kumar</i> V. Sampath kumar		LEGEND: P: PERFORM TC: Test Certificate; WPS: Welding procedure specification; PQR: Procedure Qualification Record; WQR: Welder Qualification Record; AWS: American welding society; UT: Ultrasonic testing; RT: Radiographic testing; MPI: Magnetic particle Inspection; DFT: Dry film thickness; M:BHEL/Approved subcontractor; C: BHEL QC/ND/Authorized inspection agency; N:Customer; A:Critical;B:Major; R-Report/Record as applicable; P:Perform;V:Verification of documents for witnessed marked items; W: Witness Items marked with √ (TICK) in column 'D', certificates shall be included in Documentation.								Approved By Customer Signature & Stamp		



MANUFACTURER'S NAME
& ADDRESS
**BHEL-VISAKHAPATNAM &
Approved Subcontractors**

MANUFACTURING QUALITY PLAN

ITEM: Inter connecting Piping QP NO: CQP:2424 REV 00
Date: 16.06.2017
Page 2 of 2

PROJECT: 13 KL Liquid Oxygen Storage System
SO NO:5592

SL No	COMPONENT & OPERATION	CHARACTERISTICS	CLASS	TYPE OF CHECK	QUANTUM OF CHECK	REFERENCE DOCUMENTS	ACCEPTANCE NORMS	FORMAT OF RECORD		AGENCY			REMARKS
									D	M	C	N	
1	2	3	4	5	6	7	8	9					
2.2	Welding inspection	Profile, size, reinforcement necessary	B	Visual Measure	100 %	ASME Sec I & Drawing	R			P	W		
2.3	NDE												
A	Butt joints	Soundness	C	RT	100%	As per ASME Sec VIII Div 1	R			P	V*		*RT films
B	All other attachment welds	Weld Quality	B	LPI	100 %	As per ASME Sec VIII Div 1	R			P	W		
2.4	Dimensional inspection	Length, offset, Location and orientation of attachments	B	Measurement	100%	Drawings	R			P	W		
3.0	FINAL INSPECTION												
3.1	Verification of completion	Overall dimensions, orientations, review of records	B	Verify	100 %	Drawing & In-process records	R			P	V		
3.2	Painting & Preservation	Appearance DFT	C	Visual Measure	100 %	Drawing	R			P	V		
3.3	Identification	WO. No., DU No., Axis marking	B	Visual	100 %	Drawing	R			P	V		



BHARAT HEAVY ELECTRICALS LIMITED, HPVP, VISAKHAPATNAM
WELDING TECHNOLOGY DEPARTMENT

Welding Data Sheet No.

1 of 1

For Work Order No.

5592-45

DRAWING NO:

SL No.	PARTS WELDED - PART NO's	GOVERNING THICKNESS, mm	PROCESSES	WPS NO.	WELDERS QUALIFICATION
1	WELDING OF JOINTS IN BETWEEN PIPE TO PIPE/ PIPE TO FLANGE/REDUCERS/TEES OF SA 312 TP 304/EQ MATERIALS			559245/3T	O2F6T(1P/5G).006.FP.ASME
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21					
	0	05.01.2016	----	<i>D. Dehak</i>	<i>[Signature]</i>
	REV NO.	DATE	REVISED LINE Nos.	PREPARED BY	APPROVED BY

WELDING PROCEDURE SPECIFICATION		WPS NO: 5592/3T	REV.NO. 0
Company: M/s. BHARAT HEAVY ELECTRICALS LIMITED, VISAKHAPATNAM, INDIA			
1	Supporting PQR No(s):	3562,3558	
2	Joint Design: As per Drawing / Groove / Fillet	Root spacing:	As per Drg.
3	Backing: WM/BM/NIL	Consumable Insert: None	Retainer : NONE
4	P. No. 8 Gr. No. : 1	P. No. 8 Gr.No. 1	Pipe Dia Range (mm) : ALL
5	BM Thk Range (mm)	: 1.5 - 8	
6	Process (es)	: GTAW	
7	WM Thk Range(mm)	: 8 MAX	
8	Type	: MANUAL	
9	F. No.	: 6	
10	A.No	: 8	
11	SFA No.	: 5.9	
12	AWS Class	: ER 308L	
13	Others BRAND NAME	: REF.EQ.CHART	
14	Alloy Flux / Alloy Elements	: NA /None	Flux Type: NA/Neutral- Oscillation: NA /None
15	Suppliments / Supplimenting Powder / Recrushed Slag:	NA / None	Electrode Spacing: NA
16	PWHT: AW	Temp (range) Deg. C: NIL	Time(range)Mts: NIL
17	Mode of Metal Transfer (GMAW):	NA	Pulsing: NA/NONE
18	Initial & Interpass Cleaning:	Degreasing/Brushing/Chipping/Grinding	
19	Method of Back Grooving:	Gouging/ Grinding /Chipping/ Brushing /Nil	
20	Contact Tube to work distance (mm):	Close/Out of Chamber: NA	
21	Position (s) of Groove: ALL	: Fillet ALL	Progression : Up FOR 3G, 3F
22	Pass Per side:	Multiple	: Electrode: Single Peening: None/Note
23	Preheat Temp. Deg. C (Min):	25	Interpass Temp Deg. C (Max):150
24	Preheat Maintenance: During Welding	: Post Heat Temp Deg.C	: NA : Time(Mts) : NA
25	Shielding Gas (es) :	ARGON	: %Composition: 99.997 : Flow Rate (LPM): 10
26	Backing Gas :	ARGON	: % Composition: 99.997 : Flow Rate (LPM): 8
27	Trailing Gas :	NA	: %Composition: NA : Flow Rate (LPM): NA
28	Tungsten Electrode Type: EWTH2	: Size : 2.4MM	Cup Size: ID :10
29	Technique: STRING	Thk of Layer: < 5.0 mm	
30	Layer :Process(es) :	Consumable :Polarity : Size :	Amps : Volts : ROL/TRAVEL/OTHER
31	ALL : GTAW	: ER 308L	: DCEN : 1.6 :100-110 : 14-16: 90 MM/MIN.MINIMUM
32			: 2.4 : 110-120 : 14-16 : 90 MM/MIN.MINIMUM
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46	0	: 30-05-15:	: --- : J. Deepak : G. Sankar Babu
47			
48	REV :	DATE : REVISD LINE NO :	V.DEEPAK ,AE-II(WT) : G.SANKAR BABU, SM(WT)
49	LEGEND: WM:WELD METAL; BM: BASE METAL;AW: AS WELDED ;	ROL: RUN OUT LENGTH	
50	NA: NOT APPLICABLE	Thk: THICKNESS	EQ: EQUIVALENT