

DETAILS OF TENDER DOCUMENT

T	T	G	T	E	3	0	2				R	0	1
Three Digit Department Code e.g. FBM,TRM			Two Digit For Tender Enquiry TE		Year Code i.e. For 2010-11 Code will be 0 (Last Digit of Starting Year)		Two Digits For Tender No. To be Allotted by contracting section		Three digit W.O. numbers to be issued by CLC on the basis of approval			Tree Digit Revision no in work order One R & Two digit for rev no i.e. 01	

Nature of work

“ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING” AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL-JHANSI.

DETAILS OF TENDER DOCUMENT

1. BHEL JHANSI is in the process of finalizing the works Contract for “ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING” AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT. BHEL - JHANSI.
2. The tender document has been detailed as follows:
 - a) Notice Inviting Tender (Annexure A)
 - b) Work Specifications (Annexure B)
 - c) Qualifying Requirements (Annexure C)
 - d) Instruction to Tenderers (Annexure D)
 - e) Tender Evaluation Criteria (Annexure E)
 - f) Contractor’s obligations (Annexure F)
 - g) Other General Terms and Conditions (Annexure G)
 - h) Criteria for measurement of work (Annexure H)
 - i) Technical Bid Application (Annexure I)
 - j) Price Bid (Annexure J)

The duly filled in Technical and Price / Rate bids (Annexure I and J, separately) along with the instructions to the tenders, Contractor’s Obligations, General Terms and Conditions with the signature of the tender on all the pages and complete in all respects super scribed as “Quotation for **Tender No. TTG/TE/302/R01 DATED 19.09.2013**” should reach us in a sealed cover on or before **12-10-2013 (13.15 hours)** through Registered / Speed post or the same may be dropped in the tender box available at the following address:

CISF Control Room/Office
Administrative Building
Bharat Heavy Electricals Limited
Jhansi-284120

Note: Dropping of tender in the Tender Box within scheduled time and date is the responsibility of the bidder.

NOTE: TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPES, IN CASE THE BIDS FOUNDS IN ONE SINGLE ENVELOPE THEN THE “BIDS” ARE LIABLE TO BE REJECTED.

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ANNEXURE 'A'

NOTICE INVITING TENDER

1. **SCOPE OF WORK** : “ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING” AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL-JHANSI.
2. **Tender Evaluation Criteria** : As per Annexure – E
3. **Duration of the Contract** : One year from the date of award the contract
4. **Other specific requirements** : As per Tender
5. **Last date of receipt of the Tender** : up to 13:15 hours on 12-10-2013
6. **Date of opening of Techno Commercial Bid** : 14:00 hours on 12-10-2013
7. **Address for receipt/issue of Tender Documents** : Bharat Heavy Electricals Limited, Jhansi
8. **Earnest Money Deposit** : Rs. 40,000/- (Forty thousand only)

Payable in the form of Demand Draft/
Banker's Cheque in favour of BHEL, Jhansi
and copy of receipt may be enclosed along
with tender form

OR

One time EMD of Rs. 2 Lakhs can also be
deposited in above form and copy of receipt
may be enclosed along with tender form

1. **In case of successful tenderer EMD will be converted and adjusted against the security deposit.**
2. **In case of others the EMD shall be returned within 15 days of acceptance of award of work by the successful tenderer).**

- 9. Cost of Tender Document : Rs. 400/- + 14% VAT = Total Rs. 456/-**
(Rs. Four hundred fifty six only)
(Payable through a Separate Demand Draft In favor of "BHEL, Jhansi" along with technical bid, in case the documents downloaded from website)
- 10. Security Deposit : Security deposit shall be as per clause no. 1.7 of Annexure 'G'.**

NOTE:

1. THE CONTRACTORS MAY PHYSICALLY VISIT THE WORK PLACE BEFORE QUOTING THEIR RATES.
2. FOR RELEVANT DETAILS PLEASE VISIT OUR WEBSITE "www.bhel.com" & "www.bheljhs.co.in"

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'B'

WORK SPECIFICATION

SCOPE OF WORK: "ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING" AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL- JHANSI.

DETAILS OF WORK:

INSTRUMENT AND HVR TRANSFORMER TEST AREA (BAY 8 TESTING)			
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK
1	Assistance in electrical testing during stage test of HVR Transformers.	Nos.	1128
2	Assistance in electrical testing of ACRs	Nos.	1128
3	Assistance in electrical testing of R.F. Chokes.	Nos.	1128
4	Assistance in electrical testing of Diode stacks.	Nos.	1128
5	Assistance in electrical testing of HVR boards.	Nos.	1128
6	Assistance in electrical testing of S.S.D. Cards.	Nos.	1128
7	Assistance in electrical testing of routine tests (In house and Customer Inspection) in HVR Transformers.	Nos.	2080
8	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for HVR Transformers.	Nos.	1128
9	Handling and shifting of measuring instruments, leads etc for final testing (In house and Customer inspection) of HVR Transformers.	Nos.	1128
10	Assistance in electrical testing of Type test during Customer inspection of HVR Trfr.	Nos.	17
11	Assistance in Loading and Unloading the ring CTs from pilot to testing stand.	Nos.	3466
12	Assistance in removal of end enameled insulation from the conductor of the ring CTs.	Nos.	3466
13	Assistance in electrical testing during stage test of Ring CTs.	Nos.	3466

14	Assistance in electrical testing of assembled CT during pre-test.	Nos.	610
15	Assistance in electrical testing of routine tests (In house and Customer Inspection) of CTs on CT bench.	Nos.	915
16	Assistance in electrical testing of CTs for High Voltage, Tan delta and Partial discharge tests in PD test cage during In house and Customer Inspection.	Nos.	692
17	Assistance in electrical testing of CTs during Type test (In house and Customer Inspection).	Nos.	34
18	Handling and shifting of equipment/ instruments, leads etc for electrical testing of 400 kV CTs during TAN DELTA measurement in processing stage (round the clock) at vacuum oven in BAY-8.	Nos.	96
19	Assistance in electrical testing of 400 kV CTs during TAN DELTA measurement in processing stage (round the clock) at vacuum oven in BAY-8.	Nos.	96
20	Assistance in electrical testing during stage test of VTs.	Nos.	138
21	Assistance in electrical testing during Final test of VTs (In house and Customer Inspection).	Nos.	208
22	Assistance in electrical testing of VTs during Type test (In house and Customer Inspection).	Nos.	8
23	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	72
24	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	72
TRACTION AND DRY TYPE TRANSFORMER TEST AREA (BAY 6 TESTING)			
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK
1	Assistance in electrical testing of core at shop floor.	Nos.	285
2	Assistance in electrical testing in core loss measurement.	Nos.	97
3	Assistance in electrical testing during stage test of Traction Transformers (3 Phase FRT, HETT 5400, ACEMU, CHOKE UNIT) Before TG.	Nos.	285
4	Assistance in electrical testing during stage test of Traction Transformers (3 Phase FRT, HETT 5400, ACEMU, CHOKE UNIT) After TG.	Nos.	285
5	Assistance in electrical testing during Final test of Traction Transformers (In house and Customer Inspection).	Nos.	571
6	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for Traction Transformers.	Nos.	285

7	Assistance in electrical testing during stage test of coils of Dry Type Transformer before and after casting at BAY-5.	Nos.	105
8	Assistance in electrical testing during stage test of Dry Type Transformers After TG.	Nos.	105
9	Assistance in electrical testing during Final test of Dry Type Transformers (In house and Customer Inspection).	Nos.	210
10	Assistance in electrical testing during Type test of Dry Type Transformers during Customer Inspection.	Nos.	19
11	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for Dry Type Transformers.	Nos.	105
12	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	72
13	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	72
IMPULSE TESTING AREA			
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK
1	Assistance in Cleaning of Impulse Generator & its accessories before testing.	Nos.	82
2	Assistance in electrical testing during impulse testing (In house and Customer inspection).	Nos.	56
3	Assistance in electrical testing during testing of M Box, RTCC Panels (In house and Customer inspection).	Nos.	209
4	Assistance in co-ordination work with stores.	Times	42
5	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	36
6	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	42
7	Assistance in electrical testing during testing of M Box for Power Transformers.	Nos.	70
8	Assistance in electrical testing during testing of RTCC for Power Transformers.	Nos.	70
9	Assistance in electrical testing during RSO test in Power Transformers.	Nos.	14

TERMS & CONDITIONS

- A) Depending on the final testing needs of above Transformer the contractor to provide additional staff on short notice.

- B) Additional man power shall be made available in one day notice. Supporting persons for testing in II & III shift shall be made available as required. If the anticipated testing does not commence, due to unforeseen job readiness aspects, the person may be relieved earlier. Testing dept. staff shall not be accountable for such periodic mismatches.

- C) Contractor is advised to visit the work place to know the work content before submission of quotation.

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'C'

QUALIFYING REQUIREMENTS

1. Should have independent ESI Code number
2. Should have PAN/TAN number
3. Should have Service Tax number (PAN based)
4. Self certificate that he is not blacklisted/banned/delisted on the date of tender.
5. Should have VAT/TIN No. if material is supplied/consumed
6. Self Declaration that he is not blacklisted/under hold from BHEL Jhansi or banned by any unit/region/office of BHEL
7. Self Declaration that he should not be guilty by a Court of Law in India for any offence involving fraud, dishonesty and moral turpitude.
8. **i)** Average Annual financial turnover during last 3 years, ending 31st March, 2013, should be at least Rs. 4.96 lakhs.

ii) Experience of having successfully completed similar works during last 7 years ending on 31st August, 2013 should be either of the following:-
 - a. Three similar completed works each costing not less than the amount equal to Rs. 6.62 lakhs.
Or
 - b. Two similar completed works each costing not less than the amount equal to Rs. 8.27 lakhs.
Or
 - c. One similar completed work, each costing not less than the amount equal to Rs. 13.23 lakhs.

Documentary proof (Execution Certificate) for the experience has to be submitted along with the technical Bid. In case of experience in Private Sector relevant TDS Certificate must be attached as evidence.

9. Documentary proof in support of above eligibility criteria along with EMD shall be submitted along with Techno Commercial Bid at Annexure I.
10. Similar work means works / service contract.
11. Self declaration that the contractor is not having any pending issue / dispute in the running works / service contract with BHEL – Jhansi, with a list of same running contracts

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'D'

INSTRUCTIONS TO TENDERERS

Above tender is in two Bid System (Techno Commercial Bid & Price/ Rate Bid).

1. The tender is to be processed in two parts viz. (1) Techno-Commercial bid and (2) Price/rate bid. The Technical Bid Application (Annexure - I) and its enclosures (along with the Contractor's Obligations, General Terms & Conditions and copies of qualifying requirements) must be submitted in one sealed envelope super scribed as "Tender for **"ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING" AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL-JHANSI. TECHNO-COMMERCIAL BID**". EMD/Cost of Tender Document or Documents required as per qualifying requirements must be enclosed. The second envelope duly sealed should contain the price bid (Annexure-J) only super scribed as "(Name of Work) **"ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING" AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL-JHANSI. PRICE BID**". Any other enclosures, which the tenderer wishes to submit, must be enclosed with the Technical Bid only. The price bid envelope should contain the rates only. Offers not in line with the above procedure or quoted in any other format is liable to be rejected/by passed.
2. Both the technical bid and price bid sealed envelopes must be again sent in a single envelope duly sealed and super scribed as "TENDER FOR **"ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRANSFORMER TESTING" AT BAY-6, BAY-8 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL-JHANSI. TENDER NO TTG/TE/302/R01 DUE DATE OF OPENING -----** The same should be dropped in the tender box kept in the CISF gate of Administrative Building, BHEL, Khailar, Jhansi, within the specified date and time by the representative of the tenderer.
3. All tenderers can witness the opening of the Technical Bid. After evaluation of the Technical Bid which may involve visit to the tenderer's / clients place by authorized officials, price bids of only those tenderers who are technically found suitable will be opened on a subsequent date which will be informed to the concerned whose technical bid has been accepted, in advance for witnessing the Price Bid opening.
4. All entries in the tender document should be in one ink. Corrections, over writing, cuttings, etc. will not be permitted. All the columns in the tender form should be filled without leaving blank in any page of the tender and all

the pages must be duly signed & stamped by the tenderer before submission.

5. The price / rate should be quoted in figures as well as in words. Price quoted in Price Bid shall be inclusive of all taxes & duties, all statutory requirements/liabilities like PF/ESI/Bonus/Min. wages etc. However service Tax shall be payable extra as applicable.
6. The rate quoted will be valid for the period of contract.
7. The contract will commence on the date as applicable against the contract and shall be valid as per the validity period of the contract. The contract can be extended further on mutually agreed terms and conditions.
8. BHEL may go for Reverse Auction after Techno-Commercial evaluation instead of submitted related Price Bid. Bidder should confirm participation in Reverse Auction along with Techno-Commercial Bid.

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'E'

TENDER EVALUATION CRITERIA

The evaluation of the Tender will be carried out as follows:

1. The qualification of tenderers will be done on the basis of documents/ declarations/ certificates furnished by them as required in the 'Qualifying Requirement' given at page 10 to 11 of Tender Document.
BHEL may verify the correctness of the documents/ declarations/ certificates furnished by the tenderers.
2. BHEL officials may visit the tenderer's office & their client's place to evaluate the capability and assess the performance. Capability of the Contractor will be assessed on the basis of employees including supervisors on their rolls, machinery, equipments in its possession, previous track record, experience in other organizations, etc.
3. Successful techno-commercial qualified tenderers after the above process only will be invited for opening of the rate / price bid.
4. The contractor shall be awarded the work on over all L-1 basis, if otherwise not specified in the tender.
5. In case of more than one L-1 quotation after techno-commercial verifications, the award of works contract will be done through lottery.

I/We agree with the above

Signature of Contractor with Seal

Executive In charge

ANNEXURE 'F'

CONTRACTOR'S OBLIGATIONS

A) CONTRACTUAL

Towards selection, control and supervision of employees

- a) **Contractor shall decide the number of employees to be deployed** for execution of the work awarded to him and he or his authorized representative will be solely entitled to instruct such workers about the manner of carrying out the work as per the prescribed specifications and quality plan. However, as per the past experience and keeping in view of work ahead engaged, on an average minimum 11 man days per day are required to execute the work.
- b) Contractor **shall supervise the work** allotted to him and to be carried out by his employees.
- c) Contractor to ensure that the employees deployed in the premises of BHEL are **physically and mentally fit and do not have any criminal record**. Such employees should **possess requisite skill, proficiency, qualification, experience etc. acceptable to concerned department**.
- d) **Contractor should consider minimum 70% of his deployed employees having experience in assistance works in electrical testing of Instrument Transformers, HVR Transformers, Traction Transformers, Dry Type Transformers and Impulse Testing of all type of transformers.**
- e) Contractor to **maintain appropriate records of his employees** deployed to carry out the job(s). Contractor shall maintain neatly written, complete and legible registers, records, reports and returns for inspection by various authorities at short notice.
- f) Contractor shall ensure Personal Accident Insurance (24x7) policy of Contract Workers from (Govt. under taking company). The coverage shall be of Rs. 5 lakhs per individual. The coverage shall be of 24 Hrs. (Accidental Death cover). The sum assured (Rs. 5 lakhs) shall become payable to the nominee in the event of death of insured person. In the event of death of any contract worker deployed by the contractor without proper insurance cover, the contractor shall be liable to pay Rs. 5 lakhs to the nominee/ legal heir of such deceased contract worker. Gate pass of the contract labour shall be issued only after taking the Insurance Cover.

- g) Contractor will ensure that the **job is executed through his employees** on his rolls and under no circumstances the contractor will deploy any casual employee to carry out the job **nor shall sub-contract the job without prior written permission.**
- h) **Contractor may apply for providing bus pass facility to his workmen. BHEL will consider such applications based on merits and availability of seats. Contractor would be responsible for depositing bus pass charges and penalties (if applied) of his/her workmen/staff etc. BHEL would have the right to deduct/recover the same in case of default by the contractor/supplier.**
- i) Contractor **will keep watch on his employees and he will be liable for any pilferage / loss to BHEL** due to acts of omission and commission by his employees. Similarly, liability for any compensation to outsiders on account of any act of omission and commission by the employees deployed by the contractor shall lie exclusively with him.
- j) The contractor has to provide to his workers uniform (lower dark blue & upper light blue,) shoes, helmet & uniform stitching charges. The uniform should have logo of the contractor's firm/ company which shall be affixed by the contract labour on the left side of his pocket. The uniform shall be kept in neat, tidy and wearable condition. No reimbursement of uniform, shoes in case of extension of contract.
- k) Contractor to ensure that **all precautions are taken for safety** of his employees and equipments.
- l) In the event of termination of contract for any reason whatsoever, the **contractor shall withdraw all his employees** from the establishment of BHEL. In case contractor decides to terminate services of his employees, he **should settle all terminal dues required.**

B) Towards supply of tools, tackles and materials

- a) All required tools and tackles shall be provided by BHEL at free of cost.
- b) Contractor shall provide shoe, helmet, and personal protective equipment & maintain the same at his own cost which may be required.
- c) Contractor shall ensure that his workers wear uniform, shoes, helmet and other required safety appliances, apparels / equipments at the work place otherwise deduction @ of 5% will be deducted from the bills.

C) Towards statutory liability

- a) As mentioned in the '**Terms & Conditions**' enclosed in Annexure 'B' of this contract.
- b) Contractor shall indemnify BHEL against all claims by statutory authorities and losses under various Labour Laws, statutes or any civil or criminal law in connection with employees deployed by him.
- c) Contractor shall be responsible for making payment of wages before expiry of 7 days from the last day of wage period (wage period shall be from 1st day of the month to the last date of the month) and to ensure disbursement of wages in the presence of the authorities representative of contract operating division who shall record under his signature at the end of entries in the Register of wages.
- d) Contractor to obtain license under the provisions of CL(R&A) Act.

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'G'

GENERAL TERMS & CONDITIONS FOR CONTRACTORS FOR DEPLOYMENT OF CONTRACT LABOURS UNDER SERVICE / WORKS CONTRACT.

1. LABOUR LICENCE AND OTHER REQUIREMENTS:-

- 1.0 Contractor should possess Labour license in case of contractors working in BHEL, Jhansi and deploying 20 or more labours on any day, from the Appropriate Government (Central Govt.) for carrying out the various activities mentioned in the contract document.
- 1.1 The contractor shall deploy such number of workers in the premises of BHEL, Jhansi, as required for completion of the contract. The workers such deployed shall be his own workers.
- 1.2 In case the number of labour deployed by the contractor in premises of BHEL Jhansi exceeds the number of labour allowed in the license then the contractor shall immediately inform the HR and concerned department. The contractor shall also apply to the licensing officer in the region for amendment in the license within 7 days of exceeding the number of labours mentioned in the license.
- 1.3 Labour license and other requirement in case of contractors NOT working in BHEL, Jhansi or has less than 20 workers on his rolls
 - 1.3.A The contractor should possess valid labour license issued by any licensing authority if he has deployed 20 or more workers in any organization.
 - 1.3.B After being eligible to apply as above, if the contractor is awarded the contract then he should apply for Form-V from BHEL to obtain Labour License from Appropriate Government and submit the same within one month from the date of award of contract. Till then award will be treated as PROVISIONAL.
- 1.4 The contractor shall also have to submit copy of PAN card and latest IT return.
- 1.5 The contractor must possess Service Tax Registration number under relevant code head.
- 1.6 The contractor should possess VAT/TIN Number if material is supplied / consumed. The contractor should not be disqualified from bidding in case the contractor does not have TIN No. However, he shall have to produce TIN No. before opening of Price bid.

1.7 Security deposit:

(a) Depending on the value of contract awarded the amount of “**Performance Security Deposit**” shall be as following:

Up to 10 Lakhs	10%
Above Rs 10 Lakhs & up to Rs 50 Lakhs	Rs 1.0 Lakhs + 7.5% of the amount exceeding Rs 10 Lakhs
Above Rs 50 Lakhs	Rs 4.0 Lakhs + 5% of the amount exceeding Rs 10 Lakhs

(b) The bidder shall submit the “Performance Security Deposit” within 30 days of awarding contract / issue of letter of intent as following:-

1. Pay order, demand draft drawn in favor of M/s “Bharat Heavy Electrical Limited, Jhansi” valid for the period aforesaid.
2. Local Cheque of scheduled banks, subject to realization.
3. Securities available from post office such as NSC, Kisan Vikas Patras etc. (Certificates to be held in the name of bidder furnishing the security and duly pledged in favour of BHEL Jhansi and discharged on the back)
4. Bank Guarantee from scheduled Banks /Public Financial Institutions as defined in companies Act. The Bank Guarantee format should have the approval of BHEL-Jhansi.
5. Fixed Deposit Receipt (FDR) issued by scheduled Banks / Public Financial Institutions as defined in Company’s Act. The FDR should be in the name of bidder: A/C BHEL-Jhansi duly discharged on the back.
6. The PSD can also be recovered at the rate of 10% from running bills. However in such cases at least 50% of PSD should be deposited before the start of work and balance 50% may be recovered from running bills.
7. All deposits in the form of bank instruments shall be caused to be submitted preferably through the issuing bank only and deposited with the Finance Deptt. of BHEL-Jhansi under receipt in duplicate with copy of receipt submitted to Trfr. Testing Deptt.
8. The performance security deposit shall not carry any interest.

(c) **Stamp duty applicable as per Indian Stamp Act. 1899 is as follows:-**

Sl. no.	Performance Security Deposit	Stamp Duty Applicable
1.	Pay order, Demand draft, Local Cheque of scheduled banks	Rs. 125/- per Rs. 1000/-
2.	Securities available from Post Offices such as NSC, Kisan Vikas Patras etc. and Fixed Deposit Receipt (FDR) issued by Scheduled Banks/Public Financial Institutions.	Rs. 70/- per Rs. 1000/-
3.	Bank Guarantee from scheduled Banks/Public Financial Institutions	Rs. 5/- per Rs. 1000/- limited to Rs. 10,000/-

2. APPOINTMENT AND ENTRY IN FACTORY PREMISES :

- 2.1 The contractor shall submit the following to HR, contracting department and CISF
- (a) The details of the worker proposed to be deployed in Annexure-I.
 - (b) Character certificate issued by District Magistrate's Office or Proof of remittance of fees for character certificate at District Magistrate's Office. Further he should submit the character certificate within 60 days failing which he will be discontinued.
 - (c) Copy of employment card issued by contractor to his own worker. – Annexure II
- 2.2 After submission of documents as in Para 2.3, the contractor shall issue photo identity card to the labour and submit to HR department. This identity card shall be forwarded by HR department to CISF, which shall then authorize the labour to enter the factory premises initially for a period of one month.
- 2.3 The photo identity card shall have to be revalidated every One month on last working day of the month or any other date fixed to do so. In absence of such revalidation, duly forwarded by HR department, CISF shall not allow any labour to enter the premises of BHEL Jhansi.
- 2.4 The contractor shall maintain a register of persons employed by him in the format prescribed under Rule 75 of Contract Labour (R&A) Central Rules. A copy of this format is annexed as **Annexure III**.

3. BILLS PAYMENT , ATTENDANCE AND PAYMENT OF WAGES

- 3.1 The contractor shall pay minimum wages as applicable of the Appropriate Government and in addition to minimum wages Rs. 76.92 per day shall also paid to the contract workers. This additional amount will also attract all statutory deduction and payments.
- 3.2 The contractor shall submit bills to the contracting department on or before 8th of each month.
- 3.3 The contractor's bills should be accompanied with the following.
- (a) The contractor should maintain attendance register by recording daily attendance duly signed by both contractor & contract worker.
 - (b) Copy of Measurement Book entries/Statement of work shall be done by the Contractor on daily basis & the same shall be countersigned by the executing department.
 - (c) Statement of Minimum Wages of labours deployed by him under the Service contract, PF/ESI no., statutory deductions etc., in the format as in Annexure IV annexed to these terms and conditions. (Form XVII of Contract Labour (R&A) Rules.

- (d) PF and ESI challans for previous month- separate for concerned Service contract. Print of online challan along with ECR/Contribution History of contributing contract workers for PF/ESI duly certified by the contractor.
 - (e) Wage payment sheet for the bill period as per annexure IV.
 - (f) Copy of Form-5 and Form-10 (PF monthly returns) submitted by contractor to RPFC for billing month.
 - (g) Copy of Form 12A-regarding PF remittance
 - (h) List of CL covered under accident insurance policy
 - (i) Statement of material supplied by the contractor if any
 - (j) Copy of Labour License if increase in no. of labours deployed against Work Order if applicable.
 - (k) Copy of Challan of previous service tax paid
 - (l) Proof of Personal Accident Insurance Policy along with bill
- 3.4 The executing department shall pass the bills of the contractor, after thorough checking , along with requisite documents the bill in original and Service Tax Challan & as in Para 3.3 above forward them to Finance through HR department latest by on or before 9th Day of the following month.
- 3.5 After checking the Labour Laws compliances with respect to the concerned service contract HR department, after retaining copies of PF and ESI Challans and wage payment sheet pertaining to current month, annexure IV etc., will forward the bill along with requisite documents (the bill in original and Service Tax Challan) to finance department. Finance department shall on satisfactory compliances of stamp duty charges, service tax and security deposit amount, make payment as per contract.
- 3.6 Finance department shall, on satisfactory compliance, and after deduction on account of Security deposit amount and TDS will make payment to the contractor within 10 days of submission of clean bill by the contractor.
- 3.7 The contractor shall issue pay slips to his workers, for the month deployed for undertaking activities under the Service contract, at least a day prior to disbursement of wages.
- 3.8 The contractor shall make payment his own labours/contract workers before the expiry of the 7th day after the last day of the wage period in respect of which the wages are payable. The payment of wages to the workers shall not be subject to payment against the bills by BHEL.
- 3.9 The contractor shall remit the cheques favoring RPFC and ESI Kanpur with the appropriate banks with such period as stipulated under relevant provisions. Last date for remittance of PF is 15th and that in case of ESI is 21st of each month.

3.10 The contractor shall make payment of wages to his workers on due date in presence of an authorized representative of contracting department. The authorized representative shall retain a copy of wage payment sheet with him.

3.11 In cases where the payment to the contractor is due only after completion of work and the payment is not made monthly then the contractor shall have to produce documents as enumerated in Para 3.3 above, in respect of all workers deployed by him against the contract, for each month separately, along with final bills.

4. PROVIDENT FUND

4.1 The contractor should get independent EPF code before deployment of his contract worker against work contract.

4.2 The Contractor should allot PF account number and get the nomination form, duly filled in, from each worker deployed by him at the time of joining.

4.3 In case the worker already has PF/pension account number, allotted to him, previously, then the contractor shall get the transfer form filled up at the time of joining and send to the office of concerned Regional Provident Fund Commissioner.

4.4 After termination of contract the contractor shall provide due assistance to the labour for withdrawal of PF/pension amount, when due.

4.5 The Contractor shall liaison with the PF officials to get the annual PF slips and distribute amongst his own workers. Security deposit shall be released only after submission of PF slips of workers.

4.6 PF CONTRIBUTION :

<u>Employee's Contribution</u>	<u>Employer's Contribution</u>	
12% of Normal wages paid	PF Contribution	3.67%
(Coverage Rs.6500/- on	Insp/Admn Charges	1.10%
Employee's/ Employers	Admn/Insp Charges	0.01%
Contribution).	Pension Fund	8.33%
	EDLI Charges	<u>0.5%</u>
	Total	<u>13.61%</u>

4.7 The Contractor shall submit annual returns in Form-6A and Form 3A, prescribed under statutory EPF scheme, 1952, in respect of each worker deployed by him with a copy to HR.

5. EMPLOYEES STATE INSURANCE

5.1 The Contractor should allot ESI account number and get the nomination form, duly filled in, from each labour deployed by him at the time of joining.

5.2 At the time of joining the contractor shall get the self/family registration form filled by the workers and submit to the local ESI office.

5.3 **The contractor shall facilitate collection of issued ESI cards by his worker.**

5.4 ESI CONTRIBUTION :-

Employee's Contribution

1.75% of gross wages

Employer Contribution

4.75% of gross wages

5.5 The Contractor shall submit annual returns in Form-6 prescribed under ESI Act, deployed by him with a copy to HR and finance department

5.6 The Contractor shall produce the following Registers and forms as per Contract Labour (R & A) Rules 1971 for verification by the Executing Officer of the company :-

(a) Form XII - Register of contractors(Rule74)

(b) Form XIII - Register of Workmen employed by contractor (Rule 75)

(c) Form XIV - Employment Card issued by contractor (Rule 76)

(d) Form XVI - Muster Roll 78(1) (a) (i)

(e) Form XVII - Register of Wages (Rule 78 (1) (a) (i)

(f) Form XVIII - Register of wages-cum Muster Roll (in case of weekly Payment)

(g) Form XIX - Wage Slip (Rule 78)(1) (b)

(h) Form XX - Register of deduction for damages of loss (Rule(78)(1)(a)(ii)

(i) Form XXI - Register of fines (Rule 78) (1) (a) (ii)

(j) Form XXII - Register of advance (Rule 78) (1) (a) (ii)

(k) Form XXIII - Register of overtime (Rule 78) (1) (a) (iii)

(l) Form XXIV - Return to be sent by the contractor to licensing officer (Rule 82)

5.7 Contractor shall fully comply provisions of various applicable labour laws and all other enactments as applicable for such contracts.

6. BONUS

The contractor shall be liable to pay statutory bonus under payment of Bonus Act, 1965 and submit proof of disbursement along with received copy of Form-D to L.E.O Office.

7. DISCIPLINE

7.1 The Contractor shall be responsible for the discipline of his own labours deployed under the works contract. In case of any loss to the BHEL Jhansi on account of indiscipline of contractor's employee then such loss shall be assessed and recovered from the running bills of the contractor or from the security deposit.

7.2 The contractor shall not employ any person who has not completed his 18 years of age and person who has attained 60 years of age.

7.3 The contractor, on advice of authorized BHEL official, shall immediately remove any person employed by him, who may in the opinion of such authorized BHEL official is involved in misconduct. Such person shall not be re-employed by the contractor without prior permission.

8. LEAVE WITH WAGES:-

Guidelines as per UP factories Rules 1950 should be strictly observed with regard to crediting / availment of leave. Register as prescribed under the said rules should be maintained by the contractor.

9. INDEMNITY BOND/COMPLIANCE OF LEGAL PROVISION

9.1 BHEL Jhansi shall not be liable for any compensation whatsoever in the case of accident / injury to the person employed by the contractor coming in the premises of BHEL Jhansi. Contractor shall pay all claims / compensation / damages / penalty / fine or any amount payable to the individual / authorities payable due to accident / injury to the person employed by the Contractor irrespective of the injury caused in connection to the employment or not.

9.2 That BHEL-Jhansi will not, in any manner be responsible for any act, omission or commission of the workers engaged by contractor and no claim in this respect will lie against BHEL-Jhansi. If any such claim is made against BHEL-Jhansi by any worker or his heirs engaged/employed by the contractor, which BHEL-Jhansi is obliged to discharge by virtue of any statute or any provision of law and rules due to mere fact of the workers of the contractor working at BHEL- Jhansi premises or otherwise, the contractor will be liable to indemnify/reimburse BHEL-Jhansi all the money paid in addition to the expenses incurred by him. The contractor must indemnify and keep indemnified BHEL- Jhansi against all losses and claims for injuries or damage to any person or property whatsoever which may arise of or in course of the operation of the contract and against all claims, demands, proceedings, damages, cost, charges and expenses whatsoever in respect of contingencies depicted herein shall be deemed as expected risk.

9.3 The Contractor has to make an agreement with BHEL in the format prescribed only on Rs. 100/- Non-Judicial Stamp Paper.

10. OTHER GENERAL TERMS AND CONDITIONS :-

10.1 Legal compliance:

The contractor will comply with all the provisions regarding licensing, welfare and health, procedures, maintenance of various records and registers etc., as provided under the contract Labour (Regulation & abolition) Act 1970, rules amendments, orders, notifications there under issued by the Appropriate Government from time to time. For non-compliance of any provisions, statutory compliance under law, the contractor shall be responsible for penalties levied by the appropriate authority under the Act. The contractor shall also be liable to comply with all other Labour and Industrial Laws and such other acts and Statutes (including Factories Act, Payment of Bonus Act, minimum wages Act, etc.). Depositing of ESI, PF contribution as may be applicable is the responsibility of the contractor. For any default in compliance, the contractor shall be held responsible.

10.2 The work shall be supervised by the contractor or through the authorized representatives on day to day basis.

10.3 The Contractor shall compensate BHEL for any loss or damage to the plant/property, material of BHEL due to his workmen/representatives' negligence or otherwise during execution of work.

10.4 In the event of contractor abandoning the work or BHEL revoking the contract BHEL shall have a right to get incomplete work completed at contractor's risk and cost. BHEL shall have a right to terminate the contract at any time without assigning any reason thereof.

10.5 Security deposit will be released on submission of following certificates from departments mentioned as under:-

- (a) Completion of work and certification of payment of minimum wages to contract labours from contracting department.
- (b) Certificate of compliance of labour laws from contracting deptt. and HR department.
- (c) Certificate of payment of Bonus by contracting deptt. and verified by HR Department

10.6

- (a) No dues certificate from contractor regarding Service Tax payment & any other dues liable to remitted by contractor under Financial Laws to Finance department.
- (b) In case of non satisfactory performance of the contract, BHEL shall have a right of forfeiting the security deposit. In case of any dispute decision of concerned Head of the Department will be final

11. SETTLEMENT OF DISPUTE/JURISDICTION/ARBITRATION ETC. :-

BHEL Reserve the following rights:-

To evaluate the bid as per BHEL policy and Government guidelines including CVC / Vigilance guidelines by the tender committee duly constituted by BHEL Management. The decision of BHEL, Jhansi Management or Tender committee duly approved by competent authority shall be final and binding to bidder.

11.1 CONFIDENTIALITY

The parties agree & acknowledge that in the course of their discussions and interaction, BHEL may disclose information of confidential proprietary nature relating to its business, products, know-how, technology, customers, employees and financial to the contractor. Such information shall be considered as confidential. The contractor agrees to keep it confidential & secret at all times and not directly or indirectly disclose to any party other than its employees and authorized personnel's strictly on a need know basis, without the prior written permission of BHEL.

11.2 (A) TERMINATION

BHEL reserves the right to terminate contract awarded for any contravention of statutory provision or any other reasons without assigning any explanation or notice to the contractor.

11.2 (B) SUSPENSION

BHEL reserves the right to suspend performance of any or all of its obligations under the contract. Such notice shall specify the obligation of which performance is to be suspended, the effective date of the suspension and the reasons therefore. The Contractor shall thereupon suspend performance of such obligations until ordered in writing to resume such performance by the same authority that ordered for suspension.

11.3 JURISDICTION

Any matter of dispute arising out of or in connection with this contract shall be under jurisdiction of Jhansi Court only.

11.4 ARBITRATION

All disputes arising in connection with the contract shall be settled by mutual consultation. If no agreement is reached the dispute shall be settled in accordance with Arbitration and conciliation Act, 1996 and the rules made there under. The dispute shall be referred for arbitration to sole arbitrator to be appointed by the Head of the unit of BHEL-Jhansi.

The award of the arbitrator shall be final and binding on both the parties. The venue of the Arbitration shall be at Jhansi in India. The Award to be given by the Arbitration shall be a speaking award. All questions, disputes, differences arising under, out of or in connection with this contract shall be to the exclusive jurisdiction of Jhansi court.

I/We agree with the above

Signature of Contractor with Seal

Executive In charge

P & D

गेट पास आवेदन प्रपत्र

ANNEXURE-I (II)

(ठेकेदार के कर्मचारियों/आपूर्तिकर्ताओं/कोरियर सेवा कर्मों आदि के उपयोग हेतु)

1. ठेकेदार का नाम
2. कार्य का स्वरूप
3. कार्य आदेश सं./दिनांक
4. कार्य आदेश अवधि
5. कार्य स्थल (विभाग)
6. गेट का नाम जिससे प्रवेश/वर्हिगन होगा
7. कर्मचारी की ड्यूटी का समय

संविदा श्रमिक का व्यक्तिगत विवरण

(एक से अधिक संविदा श्रमिकों के आवेदन हेतु अलग से सूची संलग्न करें)

संविदा श्रमिक का नाम..... जन्म तिथि/आयु.....
पिता का नाम..... पहचान चिन्ह.....
स्थायी पता..... वर्तमान पता.....

संविदा श्रमिक का
हस्ताक्षर युक्त फोटो
(ठेकेदार द्वारा सत्यापित)

शैक्षिक योग्यता.....
भविष्य निधि खाता संख्या.....कर्मचारी रा बी निगम खाता सं.....

(संविदा श्रमिक के हस्ताक्षर/दिनांक)

कारखाना प्रबन्धक/शॉप प्रभारी के हस्ताक्षर
(दिनांक एवं मोहर सहित)

ठेकेदार या उसके सुपरवाइजर के हस्ताक्षर
(दिनांक एवं मोहर सहित)

आवंटित गेट पास सं०..... दिनांक..... हस्ताक्षर आवंटनकर्ता.....

विभागाध्यक्ष -मा.सं./सं.श्र.प्र. प्रभारी के हस्ताक्षर
(दिनांक एवं मोहर सहित)

के० ओ० सु० ब० द्वारा भरने के लिए

पासों के विचाराधीन रहने तक.....से.....तक श्री.....
नियोजक.....को कारखाने में प्रवेश हेतु अनुमति दी जाती है।
पास संख्या.....जारी होने की तिथि से दिनांक.....तक ही वैध होगी तथा प्रत्येक माह/
तीन के पश्चात 25 तारीख को के० ओ० सु० ब० द्वारा नवीकृत किया जायेगा।

हस्ताक्षर उप कमान्डेन्ट के० ओ० सु० ब० इकाई
बी० एच० ई० एल० झाँसी (उ० प्र०)

ANNEXURE - II

FORM XIV

(See Rule 76)
Employment Card

Name and address of Contractor :

Nature of work and location of work :

Name and address of Establishment
in/under which contract is carried on :

Name and address of Principal
Employer :

1. Name of the workmen :

2. Serial No. in the register of workmen
employed :

3. Nature of employment/designation :

4. Wage rate with particulars of unit,
in case of piece-work. :

5. Wage period :

6. Tenure of employment :

Remarks. :

Signature of contractor.

ANNEXURE-IV

STATEMENT OF THE CONTRACTOR FOR THE MONTH OF _____ 20____

WORK ORDER NO : _____
 CONTRACTING DEPARTMENT : _____
 CONTRACTOR NAME : _____

S.NO	NAME OF WORKER	CAT.	NORMAL DAYS	OT DAYS	GROSS WAGES	EMPLOYEES CONTRIBUTION DEDUCTION		OTHER DEDUCTION	TOTAL RECOVERY	NET PAYABLE	EMPLOYER'S CONTRIBUTION	
						PF 12%	ESI 1.75%				PF 13.61%	ESI 4.75%
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
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30.												
31.												

SIGNATURE OF THE CONTRACTOR

ANNEXURE 'H'

MEASUREMENT OF WORK AND PAYMENTS THEREOF.

1. The designated officer of the Unit will periodically inspect the Work being provided by the contractor and find out deficiencies. The contractor shall rectify the same immediately to the satisfaction of the designated officer.
2. Payment towards work satisfactorily executed will be made to the contractor on the basis of following: -

INSTRUMENT AND HVR TRANSFORMER TEST AREA (BAY 8 TESTING)			
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK
1	Assistance in electrical testing during stage test of HVR Transformers.	Nos.	1128
2	Assistance in electrical testing of ACRs	Nos.	1128
3	Assistance in electrical testing of R.F. Chokes.	Nos.	1128
4	Assistance in electrical testing of Diode stacks.	Nos.	1128
5	Assistance in electrical testing of HVR boards.	Nos.	1128
6	Assistance in electrical testing of S.S.D. Cards.	Nos.	1128
7	Assistance in electrical testing of routine tests (In house and Customer Inspection) in HVR Transformers.	Nos.	2080
8	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for HVR Transformers.	Nos.	1128
9	Handling and shifting of measuring instruments, leads etc for final testing (In house and Customer inspection) of HVR Transformers.	Nos.	1128
10	Assistance in electrical testing of Type test during Customer inspection of HVR Trfr.	Nos.	17
11	Assistance in Loading and Unloading the ring CTs from pilot to testing stand.	Nos.	3466
12	Assistance in removal of end enameled insulation from the conductor of the ring CTs.	Nos.	3466
13	Assistance in electrical testing during stage test of Ring CTs.	Nos.	3466

14	Assistance in electrical testing of assembled CT during pre-test.	Nos.	610
15	Assistance in electrical testing of routine tests (In house and Customer Inspection) of CTs on CT bench.	Nos.	915
16	Assistance in electrical testing of CTs for High Voltage, Tan delta and Partial discharge tests in PD test cage during In house and Customer Inspection.	Nos.	692
17	Assistance in electrical testing of CTs during Type test (In house and Customer Inspection).	Nos.	34
18	Handling and shifting of equipment/ instruments, leads etc for electrical testing of 400 kV CTs during TAN DELTA measurement in processing stage (round the clock) at vacuum oven in BAY-8.	Nos.	96
19	Assistance in electrical testing of 400 kV CTs during TAN DELTA measurement in processing stage (round the clock) at vacuum oven in BAY-8.	Nos.	96
20	Assistance in electrical testing during stage test of VTs.	Nos.	138
21	Assistance in electrical testing during Final test of VTs (In house and Customer Inspection).	Nos.	208
22	Assistance in electrical testing of VTs during Type test (In house and Customer Inspection).	Nos.	8
23	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	72
24	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	72
TRACTION AND DRY TYPE TRANSFORMER TEST AREA (BAY 6 TESTING)			
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK
1	Assistance in electrical testing of core at shop floor.	Nos.	285
2	Assistance in electrical testing in core loss measurement.	Nos.	97
3	Assistance in electrical testing during stage test of Traction Transformers (3 Phase FRT, HETT 5400, ACEMU, CHOKE UNIT) Before TG.	Nos.	285
4	Assistance in electrical testing during stage test of Traction Transformers (3 Phase FRT, HETT 5400, ACEMU, CHOKE UNIT) After TG.	Nos.	285
5	Assistance in electrical testing during Final test of Traction Transformers (In house and Customer Inspection).	Nos.	571
6	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for Traction Transformers.	Nos.	285

7	Assistance in electrical testing during stage test of coils of Dry Type Transformer before and after casting at BAY-5.	Nos.	105
8	Assistance in electrical testing during stage test of Dry Type Transformers After TG.	Nos.	105
9	Assistance in electrical testing during Final test of Dry Type Transformers (In house and Customer Inspection).	Nos.	210
10	Assistance in electrical testing during Type test of Dry Type Transformers during Customer Inspection.	Nos.	19
11	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for Dry Type Transformers.	Nos.	105
12	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	72
13	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	72
IMPULSE TESTING AREA			
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK
1	Assistance in Cleaning of Impulse Generator & its accessories before testing.	Nos.	82
2	Assistance in electrical testing during impulse testing (In house and Customer inspection).	Nos.	56
3	Assistance in electrical testing during testing of M Box, RTCC Panels (In house and Customer inspection).	Nos.	209
4	Assistance in co-ordination work with stores.	Times	42
5	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	36
6	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	42
7	Assistance in electrical testing during testing of M Box for Power Transformers.	Nos.	70
8	Assistance in electrical testing during testing of RTCC for Power Transformers.	Nos.	70
9	Assistance in electrical testing during RSO test in Power Transformers.	Nos.	14

3. Payments will be made to the contractor on the basis of work carried out by him on a monthly basis.
4. All payments will be subject to deduction of income tax at source as per Income Tax as per the applicable Rules.
5. Measurement Book to be maintained for the work carried out weekly by the contractor & the same shall be verified by BHEL official, nominated for the same.
6. In case a testing schedule is missed due to reasons solely attributed to the contractor, unconditional penalty of ½% (Half percent) per day of the unit rate subjected to max. 10% of the contract value shall be levied

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'I'

PROFORMA FOR SUBMITTING TECHNICAL BID FOR:

"ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRFRS. TESTING" AT BAY-8, BAY-6 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL- JHANSI.

ESSENTIAL

1. **Name of the firm** : _____
2. **Name of the Proprietor** : _____
3. **Address and Contact Numbers** : _____
4. **ESI Code Number** : _____
(Copy of the Certificate) Enclosed / Not Enclosed
5. **(A) PAN/TAN Number** : _____
(B) Income Tax return last 3 yrs. Enclosed / Not Enclosed
(including balance sheet)
6. **Service Tax Number (PAN Based)** : _____
7. **VAT/TIN Number** : _____
(To be submitted only in case where material transaction is involved) Enclosed / Not Enclosed
8. **Experience Certificate along with copy of work order** (as per annexure 'C', cl. no. 9) : _____ Enclosed / Not Enclosed
9. **No. of Workers including Supervisors on the rolls of the firm.** : _____
10. **Declaration that party has considered minimum wages.** (Copy of declaration) : _____ Enclosed / Not Enclosed
11. **Declaration that party is not having any pending issue / dispute in the running works / service contracts with BHEL Jhansi.** (with a List of running contacts) : _____ Enclosed / Not Enclosed

12. **Declaration that party is not blacklisted / under hold from BHEL Jhansi or banned from any unit/ region / office of BHEL.** : _____
(Copy of declaration) Enclosed / Not Enclosed
13. **Any other relevant information** :
14. **Tender cost** : Rs: _____
D.D. no. :
15. **Validity of offer** : 90 days from the date of tender opening.
16. **Blank price bid** : Enclosed / Not Enclosed

DESIRABLE

17. **Registration Number of the Firm** : _____
(Copy of the Certificate) Enclosed / Not Enclosed
18. **Labour License Number** : _____
(Copy of the License) Enclosed / Not Enclosed
19. **PF Code Number** : _____
(Copy of the Certificate) Enclosed / Not Enclosed

We will fulfill all the obligations of the contractor and abide by the Terms & Conditions mentioned in the enquiry.

Date: _____ Signature with Name & Office Seal

NOTE: - TECHNICAL BID AND PRICE BID SHOULD BE SUBMITTED IN SEPARATE SEALED ENVELOPS. IN CASE THE BIDS ARE FOUND IN ONE SINGLE ENVELOPE THEN THE "BIDS" ARE LIABLE TO BE REJECTED.

I/We agree with the above

Signature of Contractor with Seal

Executive In-charge

ANNEXURE 'J'

BLANK PRICE BID :

“ASSISTANCE IN ELECTRICAL TESTING AT VARIOUS STAGES OF TRFRS TESTING” AT BAY-8, BAY-6 & IMPULSE TESTING SECTIONS IN TRANSFORMER TESTING DEPTT., BHEL-JHANSI.

Name of the Bidder : _____

INSTRUMENT AND HVR TRANSFORMER TEST AREA (BAY 8 TESTING)					
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK	RATE /UNIT	TOTAL AMOUNT
1	Assistance in electrical testing during stage test of HVR Transformers.	Nos.	1128		
2	Assistance in electrical testing of ACRs	Nos.	1128		
3	Assistance in electrical testing of R.F. Chokes.	Nos.	1128		
4	Assistance in electrical testing of Diode stacks.	Nos.	1128		
5	Assistance in electrical testing of HVR boards.	Nos.	1128		
6	Assistance in electrical testing of S.S.D. Cards.	Nos.	1128		
7	Assistance in electrical testing of routine tests (In house and Customer Inspection) in HVR Transformers.	Nos.	2080		
8	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for HVR Transformers.	Nos.	1128		
9	Handling and shifting of measuring instruments, leads etc for final testing (In house and Customer inspection) of HVR Transformers.	Nos.	1128		
10	Assistance in electrical testing of Type test during Customer inspection of HVR Trfr.	Nos.	17		
11	Assistance in Loading and Unloading the ring CTs from pilot to testing stand.	Nos.	3466		
12	Assistance in removal of end enameled insulation from the conductor of the ring CTs.	Nos.	3466		
13	Assistance in electrical testing during stage test of Ring CTs.	Nos.	3466		
14	Assistance in electrical testing of assembled CT during pre-test.	Nos.	610		

15	Assistance in electrical testing of routine tests (In house and Customer Inspection) of CTs on CT bench.	Nos.	915		
16	Assistance in electrical testing of CTs for High Voltage, Tan delta and Partial discharge tests in PD test cage during In house and Customer Inspection.	Nos.	692		
17	Assistance in electrical testing of CTs during Type test (In house and Customer Inspection).	Nos.	34		
18	Handling and shifting of equipment/ instruments, leads etc for electrical testing of 400 kV CTs during TAN DELTA measurement in processing stage (round the clock) at vacuum oven in BAY-8.	Nos.	96		
19	Assistance in electrical testing of 400 kV CTs during TAN DELTA measurement in processing stage (round the clock) at vacuum oven in BAY-8.	Nos.	96		
20	Assistance in electrical testing during stage test of VTs.	Nos.	138		
21	Assistance in electrical testing during Final test of VTs (In house and Customer Inspection).	Nos.	208		
22	Assistance in electrical testing of VTs during Type test (In house and Customer Inspection).	Nos.	8		
23	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	72		
24	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	72		

TRACTION AND DRY TYPE TRANSFORMER TEST AREA (BAY 6 TESTING)

SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK	RATE /UNIT	TOTAL AMOUNT
1	Assistance in electrical testing of core at shop floor.	Nos.	285		
2	Assistance in electrical testing in core loss measurement.	Nos.	97		
3	Assistance in electrical testing during stage test of Traction Transformers (3 Phase FRT, HETT 5400, ACEMU, CHOKE UNIT) Before TG.	Nos.	285		
4	Assistance in electrical testing during stage test of Traction Transformers (3 Phase FRT, HETT 5400, ACEMU, CHOKE UNIT) After TG.	Nos.	285		
5	Assistance in electrical testing during Final test of Traction Transformers (In house and Customer Inspection).	Nos.	571		
6	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for Traction Transformers.	Nos.	285		

7	Assistance in electrical testing during stage test of coils of Dry Type Transformer before and after casting at BAY-5.	Nos.	105		
8	Assistance in electrical testing during stage test of Dry Type Transformers After TG.	Nos.	105		
9	Assistance in electrical testing during Final test of Dry Type Transformers (In house and Customer Inspection).	Nos.	210		
10	Assistance in electrical testing during Type test of Dry Type Transformers during Customer Inspection.	Nos.	19		
11	Handling and shifting of equipment/ instruments, leads etc for stage testing at various places at shop floor for Dry Type Transformers.	Nos.	105		
12	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Times	72		
13	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Times	72		
IMPULSE TESTING AREA					
SL. No.	ACTIVITIES	UNIT	QUANTUM OF WORK	RATE /UNIT	TOTAL AMOUNT
1	Assistance in Cleaning of Impulse Generator & its accessories before testing.	Nos.	82		
2	Assistance in electrical testing during impulse testing (In house and Customer inspection).	Nos.	56		
3	Assistance in electrical testing during testing of M Box, RTCC Panels (In house and Customer inspection).	Nos.	209		
4	Assistance in co-ordination work with stores.	Time s	42		
5	Assistance in co-ordination work with MTL for calibration of equipment/instruments.	Time s	36		
6	Assistance in co-ordination work with WES for repair & maintenance of equipment/ instruments.	Time s	42		
7	Assistance in electrical testing during testing of M Box for Power Transformers.	Nos.	70		
8	Assistance in electrical testing during testing of RTCC for Power Transformers.	Nos.	70		
9	Assistance in electrical testing during RSO test in Power Transformers.	Nos.	14		

Total Amount :- (Rs. -----

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Note: Service tax extra as applicable.

Signature of contractor

I/We agree with above and all other terms & conditions of the contract.

Date:

Signature & Name of Contractor with Seal

Executive In-charge