



BHARAT HEAVY ELECTRICALS LIMITED

FABRICATION PLANT, JAGDISHPUR

NOTICE INVITING TENDER

No.: TE-FP-13-W-022

Date: 17.05.2013

BHEL-Fabrication Plant, Jagdishpur invites sealed bid in two part bid system (Part I: Techno-Commercial Bid; Part II: Price Bid) for following work from experienced and financially sound bidder who fulfill the qualifying criteria contained in the enclosed tender document:

- 1. Description of work:** Works Contract for Fabrication and assembly of 1800 dia. BFV body and BFV door assembly as per drawing at Fabrication Plant, Jagdishpur.
- 2. Quantum of Work:** Approx. 12208 Kgs. For BFV Body assembly and 20284 Kgs. For BFV Door Assembly
- 3. Duration of Contract:** Three Months from the date of award of work or completion of works whichever is earlier.
- 4. Cost of tender Document:** ₹ 500/- Only.
- 5. EMD Amount:** ₹ 10,000/- Only.
- 6. Due Date and Time for Submission of Bid:** 31.05.2013 (2:30 PM)
- 7. Due Date and Time for Opening of Techno-Commercial Bid:** 31.05.2013 (3:00 PM)
- 8. BHEL** reserve the right to accept or reject any of the bid/all bids or cancel/withdraw the invitation for bid without assigning any reason whatsoever and in such case no bidder/intending bidders shall have any claim arising out of such action by BHEL.
- 9. BHEL** can accept/reject any or all tenders fully or partly, reduce/increase quantum of work without assigning any reasons thereof.
- 10. Address for submission and opening of Tender:**
Tender Box- Administrative Building
Centralised Stamping Unit & Fabrication Plant
Jagdishpur Industrial Area,
Distt. Amethi- 227817 (U.P.) INDIA

Note:

1. The contractors may personally visit the work place to understand the scope of work before submitting their bids.
2. For relevant details please visit our website "www.bhel.com". All subsequent corrigendum/amendment shall be published only on website and not in press. Hence, bidders are advised to always be in touch with our said website until the tender is finally opened.



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QUALIFYING REQUIREMENTS

Sl. No.	Description of Qualifying requirement	Documentary Proof enclosed
1.	Contractor should have PF number.	Yes/No
2.	Contractor should have independent ESI Code number.	Yes/No
3.	Contractor should have PAN / TAN number.	Yes/No
4.	Contractor should have Service Tax number (PAN based).	Yes/No
5.	Self Certificate / Declaration that the bidder is not blacklisted / under hold / banned or delisted by any unit / region / office of BHEL on the date of tender.	Yes/No
6.	Self Declaration that he is not guilty by a Court of Law in India for any offence involving fraud, dishonesty and moral turpitude.	Yes/No
7.	Contractor should have executed fabrication of single component of minimum 5 MT in last 3 years. Copy of orders and performance report/Completion Certificate issued by customer for successful execution of the order is to be submitted along with technical offer.	Yes/No
8.	Contractor should have minimum 05 nos. qualified welders for ASME section IX / AWS D 1.1 (Certificates to be enclosed).	Yes/No
9.	Contractor should have minimum 02 nos. qualified ITI Holder fitters (Certificates to be enclosed).	Yes/No
10.	Tender Cost to be submitted as specified in NIT	Yes/No
11.	EMD amount as specified in NIT	Yes/No

In case the Tenderers not fulfilling the above conditions, the offer is liable for rejection. The semi filled, incomplete Tender Documents will be rejected.



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SCOPE OF WORK

1. The contractor shall be responsible for "Fabrication and assembly of BFV body and BFV door at Fabrication Plant, Jagdishpur" as per drawing nos. 09513800005 rev. 04 and 09513800006 rev. 03 respectively provided by BHEL.
2. All assemblies shall be fabricated to our drawings and notes thereon.
3. All welding shall be performed as per approved WPS provided by BHEL by qualified welders in accordance with ASME Sec. IX.
4. Contractor shall carryout the welding in such a manner that no distortion takes place. Due care shall be taken to control the distortion by suitably clamping the assembly during welding. The arcing on parent material and machined faces should be avoided strictly.
5. All stiffeners required during assembly to control the distortion will be arranged by the contractor at his own cost.
6. Strict measures of quality control should be maintained throughout the work. The job should be free from spatters and undercuts. All dressing and cleaning shall have to be done to the satisfaction of Engineer In-charge/BHEL-QC.
7. Raw material, electricity, consumables like electrodes, grinding wheels, gases available with BHEL shall be provided by BHEL free of cost. Contractor shall maintain records of the material and consumables issued by BHEL.
8. Suitable machines / equipments such as welding machines, grinding machines, Small PUG cutting machines, Gas cutting torches along with all their accessories and other tools and tackles required for execution of job shall be arranged by Contractor. Number of machine, Make, Model and Year of manufacturing of machine to be provided by bidder in technical bid.
9. EOT crane shall be provided by BHEL free of cost; however, the assistance in operation of the same shall be the responsibility of contractor. In contingency, in order to meet the job requirement, any additional resources if required shall be arranged by the contractor at their cost.
10. Inspection at various stages i.e. during fabrication, after Stress relieving, machining etc. shall be done by BHEL - QC and proper record by Contractor shall be maintained. NDT shall be carried out as per drawing requirement/QAP. Inspection / clearance of fabricated assemblies by BHEL QC shall be Contractor's responsibility. Re-work without any extra charge to be done, if required by BHEL QC.
11. Fabricated assemblies of BFV body and door should not fail in post weld heat treatment and final hydraulic testing as mentioned in drawing/QAP.
12. Contractor may be required to work in 3 - Shifts. Contractor shall appoint supervisors for all Shifts for co-ordination with BHEL. Contractor to arrange adequate work force of experienced welders and fitters who should have good knowledge of reading BHEL Drawings and execute the job as per requirement of BHEL.
13. Contractor shall start the work within 7 days from date of award of contract.
14. The work shall be measured in terms of weight (Kilogram) for complete assembly of BFV body / BFV door cleared by BHEL- QC. The weight for payment shall be taken as per drawing only.
15. The payment shall be made after fabrication of complete assembly of BFV body/Door as per above scope of work & duly cleared by BHEL-QC.



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TENDER TERMS AND CONDITIONS

1.0 SECURITIES:

1.1 EARNEST MONEY DEPOSIT:

Offer should be accompanied with Earnest Money as specified in NIT in the form of Demand Draft. DD shall be drawn in favour of "Bharat Heavy Electricals Limited" payable at IA Jagdishpur. The Earnest money deposit shall not carry any interest & shall be returned, after the award of the contract to the successful bidder.

1.2 SECURITY DEPOSIT:

10% of contract value for contract value up to Rs. 10 lakhs or Rs 1 lakh + 7.5% of contract value amount exceeding Rs 10 lakhs. 50% of the SD shall be deposited before start of work and the remaining 50% shall be recovered from the running bills @ 10% per bill as per BHEL norms. EMD of the successful Tenderer shall be converted and adjusted against the security deposit. Security deposit shall not carry any interest. Security deposit shall not be refunded to the contractor except in accordance with the terms of the contract. It will be returned to the contractor, within 30 days, after success full completion of the Contract.

2.0 OFFER SUBMISSION IN RESPONSE TO INVITATION:

The bid is invited in two part viz. Part I: Techno commercial Bid; Part II: Price Bid.

2.1 Part I: Techno-commercial Bid: Techno commercial bid should contain documents in the same order as listed below:

- I. Duly filled technical bid in the format for submission of technical bid along with all supporting documents asked.
- II. EMD as specified in NIT.
- III. Declaration as per annexure-A.
- IV. Certificate of Declaration Confirming the knowledge of Site Condition as per annexure-B.
- V. Qualifying requirements given in tender document along with all supporting documents asked.

2.2. Part -II (Price) Bid: Price bid should contain only Price Offer to be submitted strictly as per enclosed Price Schedule. The Price Bid not submitted as per Price Schedule may not be considered.

2.3 If the bidder deliberately gives wrong information in his tender, BHEL reserves the right to reject such tender at any stage or to cancel the contract, if awarded, forfeit the Earnest Money / Security Deposit / any other moneys due and blacklist the contractor.

2.4 Technical bid and price bid should be submitted in separate sealed envelopes. In case the bids are found in one single envelope then the "bids" are liable to be rejected. .

3.0 EVALUATION OF OFFERS

3.1 The price bids will be evaluated package wise. Rate per Kg for each package shall be compared for purpose of arriving at L-1.

3.2 BHEL reserve the right to split the work in two or more vendors, as specified in NIT. If not specified, total work in full shall be ordered on a single party i.e. L-1 bidder.

4.0 CONTRACT AGREEMENT

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



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5.0 TERMS OF PAYMENT:

Payment shall be made, on the Nos. of Measurement units, successfully executed, by the firm. Firm shall submit their clear & legible bills (in duplicate) **on Monthly basis**, duly verified by concerned engineer. Each bill must be enclosed with work/ activity completion report duly signed by contractor & and BHEL representative. All payments shall be released through electronic-pay mode only.

6.0 PENALTY :

For late completion of work, BHEL standard LD clause shall be applicable which is 0.5% per week for unexecuted portion of work subject to maximum 10% of work order value. Cost of rejection, as appropriate shall be recovered from contractor as compensation for defective job done resulting in rejection even after performing necessary rework. The decision of GM (CSU & FP) on the extent of penalty shall be final and binding on contractor.

7.0 SAFETY AND OCCUPATIONAL HEALTH:

The contractor has to assume full responsibility of the Safety of the worker deployed. All the safety items to the worker should be arranged by contractor. The contractor is required to maintain first aid box at work place.

8.0 ARBITRATION:

GM-CSU & FP (or any official appointed by him) shall be the sole arbitrating authority for this contract.

9.0 RIGHTS OF BHEL :

BHEL reserves to itself, the following rights without entitling the Contractor to any compensation. Resorting to any, some, all of the actions like Contract termination, recovering the dues/ losses from the Security Deposit and the contract amount, forfeiting the Security Deposit, getting the work done through other agencies at the cost of the contractor, cancellation of registration, banning the business with BHEL etc., in any event of the followings:

- a) Contractor's repeated poor performance, withdrawal from or abandonment of the work, except in force majeure conditions.
- b) Serious lapse in performance, Persistence disregard of the BHEL instructions.
- c) Insolvency of the contractor.
- d) Assignment, transfer, subletting of the contract work without BHEL's written permission.
- e) Non-fulfilment of any contractual obligations or obligations under the law.

10.0 ABANDONING OF WORK:

In the event of contractor abandoning the work or delay in execution of work or denial to do the work, BHEL reserves the right, to get the unfinished work completed at contractor's risk and cost.

11.0 CONTRACT LAW AND JURISDICTION:

This Contract shall be governed by the laws of India. No court shall entertain or try any suit or legal proceedings to enforce any claim arising out of the Contract except in a court of law having jurisdiction at **Sultanpur**.



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

1.0 LABOUR LICENCE AND OTHER REQUIREMENTS

- 1.1. Contractor should possess Labour licence in case of contractors working in BHEL, FP Jagdishpur and deploying 20 or more labours on any day, from the Appropriate Government (State/Central Govt.) for carrying out the various activities mentioned in the contract document.
- 1.2. Labour licence and other requirement in case of contractors NOT working in BHEL, FP Jagdishpur or has less than 20 workers on his rolls.
 - A) The contractor should possess valid labour licence issued by any licensing authority if he has deployed 20 or more workers in any organization.
 - 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 Licence 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.

2.0 ENTRY IN FACTORY PREMISES

- 2.1. The contractor shall submit the following for entry of their workers in factory premises:
 - a. The details of the worker proposed to be deployed.
 - b. Police Verification Certificate by appropriate authority.

3.0 STATUTORY COMPLANCES

- 3.1. Contractor shall be responsible for making payment of wages through Bank/Cheque before expiry of 7 days from the last day of wage period and to ensure disbursement of wages in the presence of the authorised representative of contract operating division or representative of HR.
- 3.2. The payment of wages to the workers shall not be subject to payment against the bills by BHEL.
- 3.3. Contractor shall observe Provisions of the Factories Act in respect of working hours, holidays, rest intervals, leave and overtime to his employee.
- 3.4. Contractor should make remittances towards PF, ESI as per applicable rules, bonus and other allowances as applicable.
- 3.5. The responsibility of fulfilling liabilities under various labor laws such as workmen's compensation Act, industrial disputes Act, minimum wages Act, Payment of bonus act, factories act. & contract labor act etc, of the contractor.
- 3.6. The contractor should make necessary arrangement of welfare and health of contract labor at his own cost.

4.0 INDEMNITY:

The Contractor will have to indemnify BHEL against:

- a. All claims for injury or damage to any person or property caused by his negligence of his employees whilst in BHEL premises.
- b. Observance of Labor & Industrial Laws, including regular remittance to EPF and ESI.
- c. All claims by way of compensation and all other types of unforeseen claims, which may arise in the period of contract.



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- d. The Contractor will accept liability for compensation in accordance with the provision of the Indian Worker's Compensation Act, 1948, amendments thereafter and or other law for the time being in force for personal injury caused to any workmen by accident arising out of and in the course of this contract.
- e. The Contractor will indemnify the company against all payments by way of compensation or otherwise which the company may be called upon to make under the provisions of the said Acts to any workmen as aforesaid, and any cost incurred by the company in connection with any claim preferred by such workmen and or against all actions, claims and demand whatsoever in respect thereof or in respect of any loss, injury or damages whatsoever to any third person arising out or occasioned by the negligent, imperfect or improper performance of this contract by the Contractor, their workmen servants or agents.
- f. The Company shall not be held liable for any loss, damage or compensation to third parties arising from or in relation to transport operation done by the bidder, such loss, damage or compensation shall be reimbursed by the Contractor to the company together with the costs incurred by the company on any legal proceedings pertaining there to.

4.0 RECORDS TO BE MAINTAINED

- 5.1 Firm shall maintain a Wages register showing the following details clearly, for each month, exclusively contract / area wise:
- I. Measure of work (or attendance) for which worker is entitled for wages.
 - II. Wages paid,
 - III. PF and ESI deduction from each worker,
 - IV. PF and ESI contribution by firm,
 - V. Whether monthly wages slip received,
 - VI. Signature of worker.

One copy of wages record shall be furnished every month, for inspection purpose, of various labour authorities. Firm shall preserve all such wages records and other records, up to as specified by Labour laws and at least up to the security deposit clearance.

- 5.2 The contractor should produce the records i.e. labor license, proof of payment of wages, P.F., ESIC etc as and when demanded by the BHEL Authorities. Firm shall furnish the following certificates duly applicable for the working year, monthly or yearly, as applicable.
- I. Returns & inspection certificates of PF and ESI.
 - II. Monthly challans of PF and ESI.
 - III. Annual statement for availed/paid leaves,
 - IV. Bonus paid (Form-C & D)
 - V. Service Tax challans

5.0 DISCIPLINE

- 7.1 The Contractor shall be responsible for the discipline of his own labours deployed under the service contract. In case of any loss to the BHEL FP Jagdishpur on account of indiscipline of contract labour 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.



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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.

6.0 LEAVE WITH WAGES TO CONTRACT LABOUR :-

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.

7.0 SAFETY OF OPERATION

The total safety of operation is Contractor's responsibility. Contractor should provide the following as per requirement, as applicable to each workman and any additional PPEs as required in executing the contract.

- i) Two pair of dresses in the beginning of the contract.
- ii) One safety helmet per annum.
- iii) One pair of shoe per annum along with two pairs of socks.
- iv) Safety goggles 4 nos. per annum (U.V Protective glasses).
- v) Safety goggles for Grinders (Min. 6 No's per annum).
- vi) One face shield (FULL) (Min.2 No's per annum).
- vii) Two pairs of hand gloves (leather) per month.
- viii) Cora cloth 1/2 Mt. per month.
- ix) One soap per month.
- x) Safety belts to operator (while grinding large shells)
- xi) Ear Plugs & Dust masks (Min.12 No's per annum).
- xii) Any other relevant safety Personnel Protective Equipments.

Each PPE items should follow BHEL Safety Engineering Standards.

8.0 SUPERVISION OF CONTRACTOR LABOUR:

The contractor should provide for at least one identified supervisor per shift. All issues regarding discipline at the works like work allocation, early exit, snacks distribution etc. are to be supervisor's personal responsibility.

9.0 CONTRACT LABOUR ACCIDENTS WHILE AT WORK:

In case of medical emergencies faced by contract worker at work, medical facilities in the interest of the well-being of the worker shall be provided by BHEL. The decision of the doctors attending the emergency shall be final and binding. The cost incurred shall be deducted from the bills of the contractor. The Contractor shall complete the ESI formalities and BHEL shall submit claim of reimbursement of medical expenses to ESI. The amount reimbursed by ESI shall be paid back to the contractor.

10.0 PROHIBITION ON INFLUENCING AND INTERFERING ON BEHALF OF CONTRACTOR:

The Contractor shall neither try to influence, chase or interfere into the working of BHEL officials nor engage BHEL employee or any other third person for the same. In case such incident does occur, it may lead to disqualification/debarring from the contract. Any contractor shall be debarred from consideration if any of his relations is working in the product/functional group in which the contract is being issued. Before issuing tender form to any contractor for limited tender enquiry a confirmation has to be given by contractor that none of his relations are working in that product/functional group."



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PROFORMA FOR SUBMITTING TECHNICAL BID

1. Name of the firm : _____
2. Address and Contact Numbers : _____
3. Labour Licence Number : _____
Copy of the Licence : Enclosed / Not Enclosed
4. PF Code Number : _____
Copy of the Certificate : Enclosed / Not Enclosed
5. ESI Code Number : _____
Copy of the Certificate : Enclosed / Not Enclosed
6. (1) PAN/TAN Number : _____
(2) Income Tax return last 3 yrs. : Enclosed / Not Enclosed
7. Service Tax Number (PAN Based) : _____
8. Earnest Money Deposit : Rs. -----
D.D. Number & Date : -----Date-----
9. Validity of offer : 90 days from the date of tender Opening.
10. Documents against Qualifying Requirements: Enclosed / Not Enclosed

I / 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



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PRICE BID FORMAT

- a. Name of the firm :
- b. Address and contact nos :
- d. Price offer on work measurement basis:

Sl. No	Work Description	Unit of Measurement	Quantum of work	Rate quoted Rs. Per Kg	Total value (E=C*D)
	A	B	C	D	E
1	Works Contract for Fabrication and assembly of BFV Body at Fabrication Plant, Jagdishpur as per scope of work.	Kg	20284		
2	Works Contract for Fabrication and assembly of BFV Body at Fabrication Plant, Jagdishpur as per scope of work.	Kg	12208		
Quoted Service Tax, If any					

Note:

1. Rates to be quoted in figures and words by the Contractor. There should not be any corrections in price bid contradictory to the above the offer will be liable for rejection.
2. The rate quoted should be kept firm during the execution of contract. No increase in rate of DA / Wages hike shall be reimbursed to the Contractor. Contract shall anticipate such hike and quote in the tender.
3. Rate quoted above shall be inclusive of minimum wages as per govt. rules, statutory requirements like PF & ESI, Uniform, shoes, PPEs, leaves/holiday wages, bonus, machinery charges, Consumable cost, supervision charges and all other charges as per scope of work exclusive of service tax. Service tax, if applicable shall be paid extra at actual.

Date:

Signature with Name
& Office Seal



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ANNEXURE A

DECLARATION SHEET

I / We hereby certify that, all the information and data furnished by me / us with regard to this Tender are true and complete to the best of my / our knowledge. I / We have gone through the specification, conditions and stipulations in detail and understand fully the scope of work and agree to comply with the requirement and intent of specification.

I/We, further certify that I/We am/are the duly authorized representative(s) of the under mentioned bidder and a valid power of attorney to this effect is also enclosed.

I/We, hereby declare that I/We shall treat the tender documents, drawings, specifications and other records connected with the work as secret / confidential and shall not communicate information / derived there from to any persons other than a person I/We am/are authorized to communicate the same or use the information in any manner prejudicial to the safety of the same.

Bidder's Name & Address:

Name & Signature of the bidder
(Seal)



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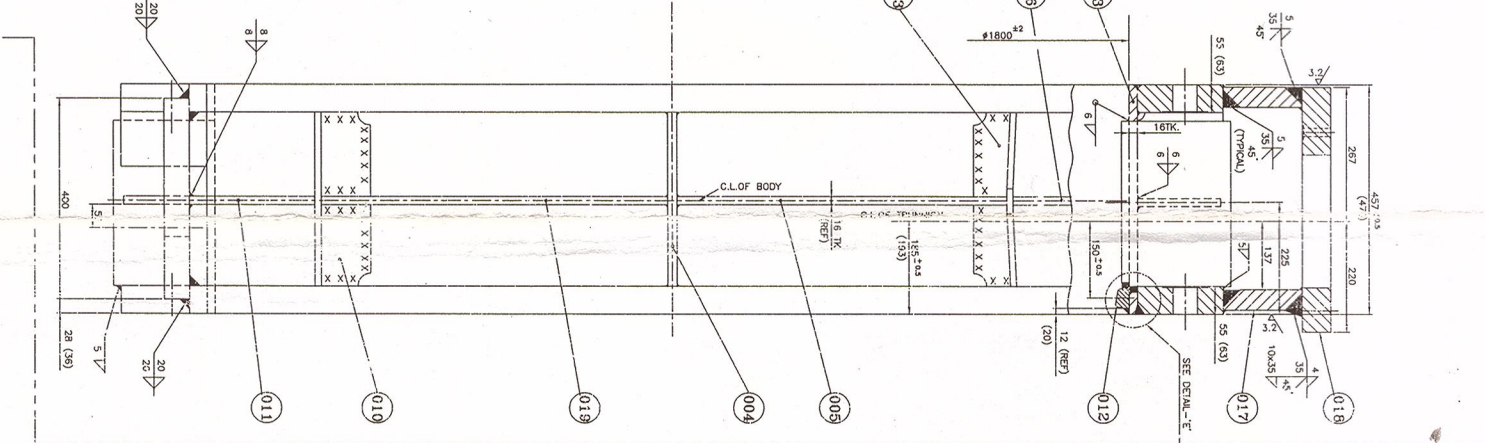
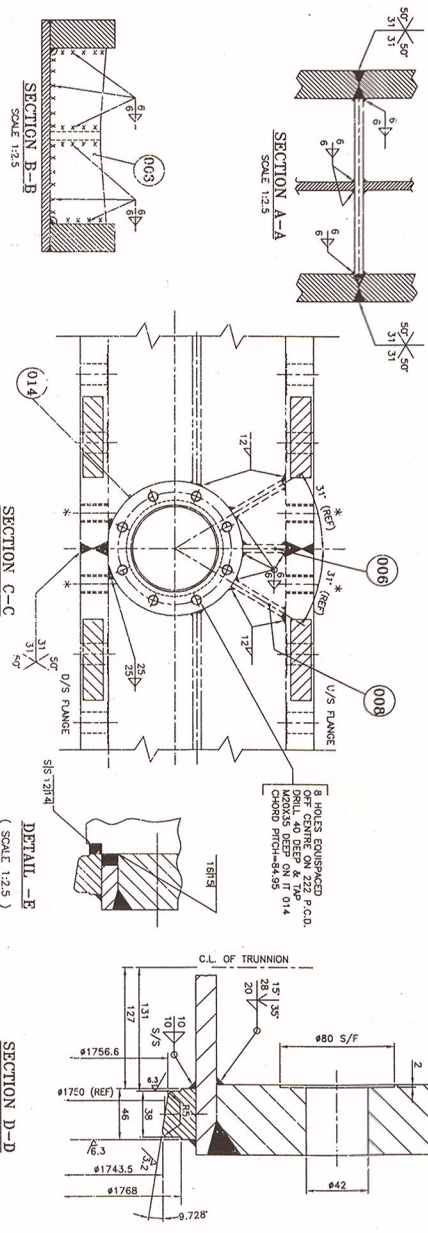
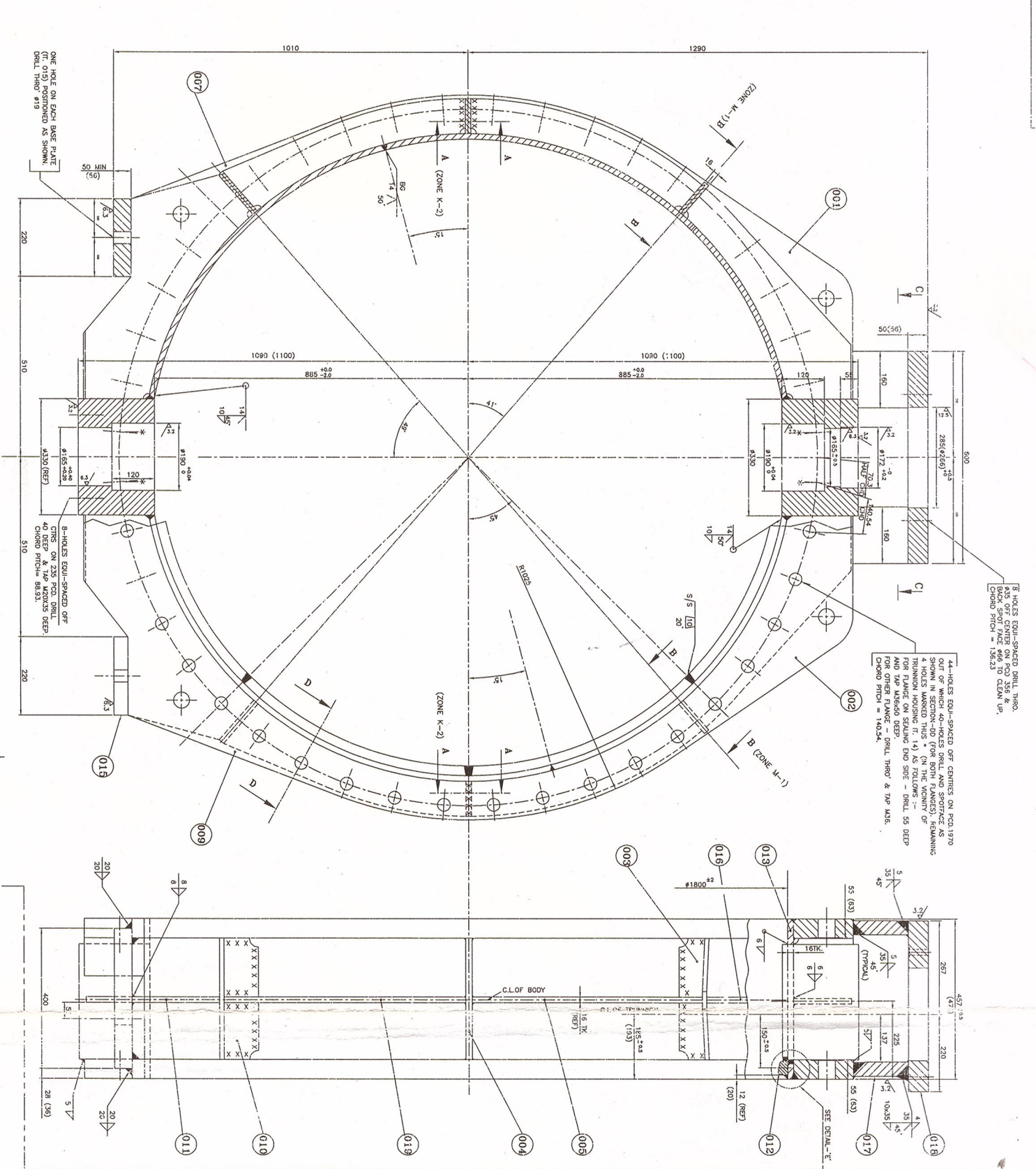
ANNEXURE B

CERTIFICATE OF DECLARATION CONFIRMING THE KNOWLEDGE OF SITE CONDITION

We..... here
by declare and confirm that we have visited the project site under the subject
namely,.....and acquired full
knowledge and information about the site conditions, wage structure, industrial climate and total work
involved . We further confirm that the above information is true and correct and we will not raise any
claim of any nature due to lack of knowledge of site condition.

Bidder's Name & Address:

Name & Signature of the bidder
(Seal)



TECHNICAL REQUIREMENTS:-

1. ALL WELDS ARE TO BE AS PER COMPONENT STD. A08222:01.
2. (a) FULL PENETRATION WELDS TO GR. II.
3. (b) ALL OTHER WELDS TO GR. I.
4. (c) ALL OTHER WELDS TO GR. I.
5. (d) ALL OTHER WELDS TO GR. I.
6. (e) ALL OTHER WELDS TO GR. I.
7. (f) ALL OTHER WELDS TO GR. I.
8. (g) ALL OTHER WELDS TO GR. I.
9. (h) ALL OTHER WELDS TO GR. I.
10. (i) ALL OTHER WELDS TO GR. I.
11. (j) ALL OTHER WELDS TO GR. I.
12. (k) ALL OTHER WELDS TO GR. I.
13. (l) ALL OTHER WELDS TO GR. I.
14. (m) ALL OTHER WELDS TO GR. I.
15. (n) ALL OTHER WELDS TO GR. I.
16. (o) ALL OTHER WELDS TO GR. I.
17. (p) ALL OTHER WELDS TO GR. I.
18. (q) ALL OTHER WELDS TO GR. I.
19. (r) ALL OTHER WELDS TO GR. I.
20. (s) ALL OTHER WELDS TO GR. I.
21. (t) ALL OTHER WELDS TO GR. I.
22. (u) ALL OTHER WELDS TO GR. I.
23. (v) ALL OTHER WELDS TO GR. I.
24. (w) ALL OTHER WELDS TO GR. I.
25. (x) ALL OTHER WELDS TO GR. I.
26. (y) ALL OTHER WELDS TO GR. I.
27. (z) ALL OTHER WELDS TO GR. I.

NO.	DESCRIPTION	QTY	UNIT	REMARKS
001	END FLANGE UPPER	1	PC	SEE DETAIL
002	END FLANGE LOWER	1	PC	SEE DETAIL
003	END FLANGE UPPER	1	PC	SEE DETAIL
004	END FLANGE LOWER	1	PC	SEE DETAIL
005	END FLANGE UPPER	1	PC	SEE DETAIL
006	END FLANGE LOWER	1	PC	SEE DETAIL
007	END FLANGE UPPER	1	PC	SEE DETAIL
008	END FLANGE LOWER	1	PC	SEE DETAIL
009	END FLANGE UPPER	1	PC	SEE DETAIL
010	END FLANGE LOWER	1	PC	SEE DETAIL
011	END FLANGE UPPER	1	PC	SEE DETAIL
012	END FLANGE LOWER	1	PC	SEE DETAIL
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060	END FLANGE LOWER	1	PC	SEE DETAIL
061	END FLANGE UPPER	1	PC	SEE DETAIL
062	END FLANGE LOWER	1	PC	SEE DETAIL
063	END FLANGE UPPER	1	PC	SEE DETAIL
064	END FLANGE LOWER	1	PC	SEE DETAIL
065	END FLANGE UPPER	1	PC	SEE DETAIL
066	END FLANGE LOWER	1	PC	SEE DETAIL
067	END FLANGE UPPER	1	PC	SEE DETAIL
068	END FLANGE LOWER	1	PC	SEE DETAIL
069	END FLANGE UPPER	1	PC	SEE DETAIL
070	END FLANGE LOWER	1	PC	SEE DETAIL
071	END FLANGE UPPER	1	PC	SEE DETAIL
072	END FLANGE LOWER	1	PC	SEE DETAIL
073	END FLANGE UPPER	1	PC	SEE DETAIL
074	END FLANGE LOWER	1	PC	SEE DETAIL
075	END FLANGE UPPER	1	PC	SEE DETAIL
076	END FLANGE LOWER	1	PC	SEE DETAIL
077	END FLANGE UPPER	1	PC	SEE DETAIL
078	END FLANGE LOWER	1	PC	SEE DETAIL
079	END FLANGE UPPER	1	PC	SEE DETAIL
080	END FLANGE LOWER	1	PC	SEE DETAIL
081	END FLANGE UPPER	1	PC	SEE DETAIL
082	END FLANGE LOWER	1	PC	SEE DETAIL
083	END FLANGE UPPER	1	PC	SEE DETAIL
084	END FLANGE LOWER	1	PC	SEE DETAIL
085	END FLANGE UPPER	1	PC	SEE DETAIL
086	END FLANGE LOWER	1	PC	SEE DETAIL
087	END FLANGE UPPER	1	PC	SEE DETAIL
088	END FLANGE LOWER	1	PC	SEE DETAIL
089	END FLANGE UPPER	1	PC	SEE DETAIL
090	END FLANGE LOWER	1	PC	SEE DETAIL
091	END FLANGE UPPER	1	PC	SEE DETAIL
092	END FLANGE LOWER	1	PC	SEE DETAIL
093	END FLANGE UPPER	1	PC	SEE DETAIL
094	END FLANGE LOWER	1	PC	SEE DETAIL
095	END FLANGE UPPER	1	PC	SEE DETAIL
096	END FLANGE LOWER	1	PC	SEE DETAIL
097	END FLANGE UPPER	1	PC	SEE DETAIL
098	END FLANGE LOWER	1	PC	SEE DETAIL
099	END FLANGE UPPER	1	PC	SEE DETAIL
100	END FLANGE LOWER	1	PC	SEE DETAIL