

**BHARAT HEAVY ELECTRICALS LIMITED
CORP. R&D DIVISION: HYDERABAD – 93**

Grams: BHELDEV
Fax : 040-23776320

Phone No: 040- 23882185

TENDER NOTICE NO: CL/05/2008-09 DATE: 25/08/2008

Sealed Tenders are invited by the AGM (Projects) from the reputed consultants experienced in similar work who are having service tax registration number and PAN number. The consultant shall furnish the certificate of registration with Registrar of Companies or any equivalent document which establishes them as a designer / consultancy group engaged in civil / structural / architectural works. Tenders are to reach the AGM (Projects) office, BHEL R&D Division, Vikasnagar, Hyderabad-500 093 up to 14-30 hours on the date mentioned and the Tender will be opened on the same day at 14-45 hours in the office of the AGM (Projects).

S No.	Description of work	Estimated cost of building & lab. (Rs. Lakhs)	EMD Rs. Ps	Cost of Tender Document Rs. Ps	Period sale of Tender	Date of opening	Period of completion
<i>Architectural, Structural Interiors & Landscaping Consultancy for -</i>							
1.	Construction of UHV Lab building for GIS development at BHEL R&D lab complex	339.00	20,000.00	500.00	08-09-08 to 29-09-08	30-09-08	18 Months
2.	Construction of building for COE for compressors and pumps.	207.00	10,000.00	500.00	08-09-08 to 29-09-08	30-09-08	15 Months

Note: The complete Tender documents are available in our web-site www.bhel.com for any clarifications this office may be contacted.

(SK CHANRDA)
AGM (Projects)

TENDERING PROCESS

- A. Tender box will be kept at Security Control Room
For dropping Filled Tenders

- B. Tender documents are issued in two bid system.
 - 1. **Technical bid-to be submitted in a separate sealed cover**
 - 2. **Price bid- to be submitted in separate sealed cover**

- C. Tender opening

On the day of tender opening, only technical bids will be opened and evaluated. After scrutiny and acceptance of the technical bids, price bids of accepted parties only, will be opened and date of opening of price bids will be intimated separately.

The technical bid consists of technical schedule requiring documentary proof. In case the agency has not satisfied all the conditions along with documentary proof, the tender will be rejected.

Technical and price bids must be in separate covers and super scribed as "Technical bid" and "Price Bid" separately with item Nos. clearly written on the covers. **Tenders received mixed (with price and technical bids) will be rejected.** Every page of the price bid document shall be signed by the tenderer at the bottom of the page.

In case of tender application and tender documents downloaded from web site, the tenderer shall pay cost of tender documents and EMD for item of work he is tendering separately by means of **two separate DDs** (in favour of **Accounts Officer BHEL R&D, Vikasnagar, Hyderabad 500 093**), one towards cost of tender documents and second towards EMD. Both DD's shall be enclosed along with the Technical bid. DD's may be drawn for cost of tender documents up to last date of receipt of tenders.

The agencies are advised to visit the work site to understand the nature of work/ quantum of work units true perspective to avoid any complications in future.

TECHNICAL BID

(First Three pages along with necessary Documents and EMD should be submitted as Technical Bid)

Name of the consultant :

1) Name of work :

2) Tender Notice no & Date, Item No.:

3) Details of DD/Cash paid.

D.D or Cash receipt No. for EMD

DD for cost of tender documents when downloaded.

(to be enclosed along with this bid).

4) Particulars of experience/credentials:

a) Three similar completed works costing not less than the amount equal to 40% of the estimated cost.

b) Two similar completed works costing not less than the amount equal to 50% of the estimated cost.

c) One similar completed work consisting not less than the amount equal to 80% of the estimated cost.

d) Penalty : 0.50 % of the gross value work will be levied for every weeks delay by the agency subject to a maximum of 5 % value of the work.

5) The consultant shall furnish the certificate of registration with Registrar of companies or any equivalent document which establishes them as a designer/ consultancy group engaged in civil / structural / architectural works.

6) PF Code No. (proof of having code no. to be enclosed)

7) PAN NO (in case not available, proof of having applied with acknowledgement from concerned authorities).

8) Service tax registration no.
(proof to be furnished with the technical information)

NOTE:

1. Without PAN and APGST/VAT/TIN/Service Tax No. consultancy bills cannot be processed and payments will be held up.
2. Technical bids will be scrutinized as per the tender documents. In case the agency has not satisfied all the above conditions with documentary proof the bid will be rejected and their price bid will not be opened.
3. The statutory requirement in case of a firm, shall be in the name of the firm. However in case of sole proprietor or individuals these can be on the name of the sole proprietor or individual.
4. Though some of above documents are available with BHEL for those agencies who are presently working with BHEL, they also should submit one copy of the same. Otherwise the offer will be rejected.
5. All the columns shall be filled with proper information.
6. The consultants are requested to sign on all pages in the documents.
7. BHEL R&D reserves the right to reject or cancel the tender at any stage of the tender process with out assigning any reasons thereof.

Signature of Consultant(s).

PRICE BID

TENDER DOCUMENT

TENDER NOTICE NO.CL/05/08-09 ITEM NO.1 DATED:25-08-2008
DATE & TIME OF CLOSING : 29-09-08 14 : 30 HRS.
DATE & TIME OF OPENING : 29-09-08 14 : 45 HRS.
COST OF TENDER DOCUMENT : Rs.500.00
EARNEST MONEY DEPOSIT : Rs.20,000.00

NAME OF WORK : Architectural, structural, Interiors and landscaping consultancy for
construction of UHV laboratory building for GIS development at BHEL R&D
Lab. Complex.

ISSUED TO : _____

DATE: -----

EMD PAID VIDE DD/ CR/ BC/ NO:

Rs:

TENDER POSITION:

CLX:

DATED:

FMX



Bharat Heavy Electricals Limited
CORPORATE RESEARCH & DEVELOPMENT
VIKASNAGAR, HYDERABAD – 500 093, (A.P), INDIA.

**BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE RESEARCH & DEVELOPMENT
VIKASNAGAR, HYDERABAD – 500 093.**

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ISSUING OFFICER

**BHARAT HEAVY ELECTRICALS LIMITED
CORPORATE RESEARCH & DEVELOPMENT
VIKASNAGAR, HYDERABAD – 500 093.**

TENDER NOTICE

1. NO.CL/05/08-09 Date:25-08-2008 Item No.1, Sealed Tenders will be received by the AGM (PROJECTS), Bharat Heavy Electricals Ltd., Corporate Research & Development Division at his office at Vikas Nagar, Hyderabad – 500 093 up to 14-30 Hours on 29-09-2008 for the work of

Architectural, structural, Interior and landscaping consultancy for construction of UHV laboratory building for GIS development at BHEL R&D Lab. Complex.

At Vikas Nagar, adjacent to HAL Complex, Balanagar, Hyderabad-500 093.

The Tenders will be opened by the AGM (PROJECTS) Bharat Heavy Electricals Ltd., Corporate Research & Development Division on the date and at the place aforesaid mentioned. The Tenderers or their agents are expected to be present at the time of opening of the Tenders. The tender receiving Office will, on opening the Tender, attest over writings or corrections, if any, there in the presence of the Tenderers who may be present at the time. The Tender should be in the form obtainable from the Office of the AGM (PROJECTS). Tender forms and other particulars regarding the proposed work can be obtained at the office of the AGM (PROJECTS) on any working day from 9:00AM TO 1:00 PM up to 29.09.2008 on payment of the prescribed sum of Rs.500.00 per set which amount is not refundable.

2. Tenders must be submitted in sealed covers and should addressed to the AGM (PROJECTS), Bharat Heavy Electricals Ltd, Corporate Research & Development, Vikasnagar, Hyderabad-500593 the Tender No. and the name of the work being noted on the cover. If the Tender is made by an individual, it shall be signed with his full name and his address shall be given. If it is made by firm, it shall be signed with the co-partnership name by a member of the firm, who shall also sign his own name, and the name and address of each member of the firm shall be given. If the Tender is made by a Corporation, it shall be signed by a duly authorised Officer who shall produce with his Tender, satisfactory evidence of his authorisation such Tendering corporation may be required before the agreement is executed, to furnish evidence of its corporate existence.

3. Each Tenderer must pay a sum of Rs.20,000.00 (Rupees Twenty Thousand Only) as Earnest Money Deposit (EMD). The Earnest Money prescribed for this work may be offered in the form of

- a) Cash receipt from BHEL (R&D) cash office.
- b) Pay order, demand Draft, drawn in favour of **Accounts Officer, Bharat Heavy Electricals Limited, Research and Development, Vikas Nagar, Hyderabad.**

The Earnest Money will be refunded to the unsuccessful tenderer after the intimation of the tender is sent. The Earnest Money will be retained in the case of the successful tenderer and get converted as a part of security Deposit for the due performance of the contract and either case will not carry any interest. It will be dealt with as provided in the conditions attached to the tender.

When a tender is to be accepted, the tenderer whose tender is under consideration shall attend the office of the AGM (PROJECTS) on the date fixed by written intimation to him. He shall forthwith attend upon intimation being given to him by the AGM (PROJECTS) of acceptance of his tender, complete the execution of the agreement by signing all documents connected therewith. Failure to do so shall entail forfeiture of the earnest money.

4. EMD by the Tenderer will be forfeited as per Tender Document if.

- i) After opening the tender, he revokes his tender within the validity period or increased his quoted rates.
- ii) The tenderer does not commence the work within the period as per LOI/Contract. In case the LOI/contract is silent in this regard, within 15 days after award of contract.

5. EMD shall not carry any interest.

6. Tenderers shall pursue carefully the instructions in 'Direction to Parties Tendering and the conditions of the agreement form and all other relevant documents before tendering rates for the work. It shall be definitely understood that the Bharat Heavy Electricals Limited does not accept any omissions, deductions, or additions that may be made in the tender documents by the parties tendering.

7. AGM (PROJECTS) reserves the right to reject any tender or part thereof or all the tenders without assigning any reasons thereof.

8. The offer shall be valid for a period of minimum 90 days from the date of opening of the tender.

9. Security Deposit shall be collected from the successful tenderer. The rate of Security Deposit will be as below.

Up to Rs. 10 lakhs	10%
Above Rs. 10 lakhs up to Rs.50 lakhs	Rs. 1 lakh + 7.5% of the amount exceeding Rs. 10 lakhs
Above Rs. 50 lakhs	Rs.4 lakh + 5% of the amount exceeding Rs. 50 lakhs

The Security Deposit should be deposited before start of the work by the consultant.

9a. Security Deposit may be furnished in any one of the following forms.

- i) Cash (as permissible under the Income Tax Act)
- ii) Pay Order, Demand Draft/Bankers Cheque in favour of Accounts Officer, BHEL R&D.
- iii) Security available from Post Office such as National savings Certificate, Kissan Vikas Patras etc.
- iv) Bank Guarantee from scheduled Banks/Public Financial Institutions as defined in the Companies Act subject to a maximum of 50% of the total security deposit value. The balance 50% has to be remitted either by cash or in the other form of security. The Bank Guarantee format should have the approval of BHEL R&D.
- v) Fixed Deposit Receipt issued by scheduled Banks/Public Financial Institutions as defined in the companies Act. The FDR should be in the name of consultant, A/c BHEL R&D, duly discharge on the back.
- vi) Security Deposit can also be recovered at the rate 10% from the running bills. However in such cases at least 50% of the security deposit should be deposited before start of the work and the balance 50% will be recovered from the running bills.
- vii) EMD of the successful tenderer or shall be converted and adjusted against the security deposit.

Note: Acceptance of Security Deposit against Sl. No.(iii) and (v) above will be adjusted to Hypothecation or endorsement on the documents in favour of BHEL R&D. However, BHEL R&D 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.

9b. Security Deposit shall not be refundable to the consultant except in accordance with the terms of the contract.

The Security Deposit will be released along with final bill.

10. a) Rs.20,000.00 (Rupees Twenty Thousand only) will be retained as Security deposit for the due performance to the stipulation to keep the offer open for a minimum period of 90 days from the date of opening of the tender; it being understood that the tender documents have been sold/issued to the tenderer and the tenderer is being permitted to Tender in consideration of the above stipulation on his part and that he shall not alter or modify the terms and conditions thereof in a manner not acceptable to A.G.M. (PROJECTS) Should the tenderer fail to observe or comply with the foregoing stipulation, the aforesaid amount of Rs.20,000.00 (Rupees Twenty thousand only) shall be liable to be forfeited.
11. The AGM (PROJECTS) reserves the right to reject any tender or part there of all tenders without assigning any reason therefore.
12. The under signed reserves the right to reject any or all tenders or part there of or to divide the work in to convenient groups and award the work to more than one agency. The under signed also reserved the right to allow to public enterprises preference facilities as admissible under the existing policy.

SIGNATURE OF CONSULTANT(S)

ISSUING OFFICER

Grams: BHELDEV
Fax : 040-23776320

Phone No: 1) 23882185
2) 23774494

**BHARAT HEAVY ELECTRICALS LIMITED
CORP. R&D DIVISION: HYDERABAD – 93**

TENDER NOTICE NO: CL/05/2008-2009 Dt.25/08/2008 Item No.1

Sealed Tenders are invited by the AGM (Projects) from the reputed consultants experienced in similar work who are having service tax registration number and PAN number. The consultant shall furnish the certificate of registration with Registrar of Companies or any equivalent document which establishes them as a designer / consultancy group engaged in civil / structural / architectural works. Tenders are to reach the AGM (Projects) office, BHEL R&D Division, Vikasnagar, Hyderabad-500 093 up to 14-30 hours on the date mentioned and the Tender will be opened on the same day at 14-45 hours in the office of the AGM (Projects).

S No.	Description of Work	Estimated cost of bldg. (Rs. In Lakhs)	EMD Rs. Ps	Cost of Tender Document Rs. Ps	Period sale of Tender Document	Date of opening	Period of completion
1.	Architectural, structural Interiors and landscaping consultancy for construction of UHV laboratory building for GIS development at BHEL R&D Lab complex.	339.00	20,000.00	500.00	08-09-08 to 29-09-08	30-09-08	18 Months

Note:

1. Tenders received without EMD are liable for rejection.
2. Tender documents are obtainable between the dates mentioned from the office of the AGM(PROJECTS) BHEL R&D Divn, Vikasnagar, Hyderabad-93 during office hours on submitting the application with full of their experience and enclosing copies of firm registration certificates, PF/ESI No. Sales Tax/VAT/Service tax registration labour license (if applicable) has to be produce at time of agreement.
3. The cost of tender documents will not be refunded and tenders are not transferable under any circumstances.
4. The under signed reserves the right to reject any or all tenders or part thereof or to divide the work in to convenient group and award the work to more than one agency. The under signed also reserves the right to allow to Public Enterprises preference facilities as admissible under the existing policy.
5. Crossed demand drafts/Cash for issue of tender documents shall be sent to the Accounts Officer, BHEL Corp. R&D Divn., Vikasnagar, Hyderabad-500 093. Cash may be remitted at our cash office between 12.30 hours to 14.00 hours.
6. Working consultants are also to pay Earnest Money Deposit. EMD will neither be adjusted against their pending bills nor they can be transferred from one work to the other.
7. The conclusion of contract will be in the form prescribed by Bharat Heavy Electricals Limited for the purpose.
8. In case, date of opening happens to be holiday by any reason, tenders will be received and opened on the next working day.
9. Income Tax will be deducted on the work as per the direction of Income tax department.
10. Service/Sales Tax will be deducted on the works as per the direction of Sales Tax department.

Sd/-
AGM (PROJECTS)

TENDER FOR THE WORK

I/We _____
Do hereby tender to execute works of the under mentioned description and in accordance with the conditions noted below in consideration of payment being made for the quantity of work actually executed at the respective rates specified in Schedule 'A' hereto.

I/We hereby distinctly and expressly declare and acknowledge that before the submission of my/our tender I/We have carefully followed the instructions in the tender notice and have read the CPWD Detailed Standard Specifications and the clauses of the Preliminary Specifications/BHEL General Conditions of Contract and that I/We have made such examination of the contract documents and of the specifications, etc and of the location where the said work is to be done and such investigation of the work required to be done, and in regard to the material required to be furnished as to enable me/us thoroughly understand the intention of the same and the requirements, convenient agreements, stipulations and restrictions; and distinctly agree that I/We will not hereafter make any claim or demand upon the BHEL, based upon or arising out of any alleged misunderstanding or misconception or mistake on my/our part of the said requirements, convenient, agreements, stipulations, restrictions and conditions".

I/We enclose an income tax verification certificate _____

_____/_____
_____ I /We have already produced an income tax verification certificate during the current calendar year in respect of (here particular of the previous occasion on which the certificate was produced should be given). _____

I/We agree to kept the tender open for acceptance for Ninety (90) days from the date of submission thereof and not to make any modifications in its terms and conditions which are not acceptable to BHEL.

If after the tender is accepted, I/We fail to commence the execution of the works are provided in the conditions, I/We agree the BHEL shall without prejudice to any of their right or remedy, be at liberty to forfeit the said earnest money absolutely.

Signature of Consultant (S)

Address:

I/We agree that should the BHEL decide to forfeit earnest money as aforesaid, unless, a sum equal to earnest money mentioned above is paid by us forthwith, the BHEL may as its option, it out of the deposit and in the event of deficiency, out of any other moneys due to me/us or otherwise.

Witness _____

Signature _____

In the capacity
Of _____

Duly authorised to sign

The tender on behalf of

(in block capitals):

Postal Address _____

Telegraphic Address _____

Telephone No. _____

AGREEMENT

This agreement made this day the _____ of _____
_____ between Bharat Heavy Electricals Ltd., having its registered Office at
New Delhi, Unit: Corporate Research & Development Division, Vikas Nagar, Hyderabad-500 093
(hereinafter called the First Party) of one part and _____ (hereinafter called the
consultant) of second part.

Where as the first party is desirous of _____

(name of work) at Site at Vikasnagar, Hyderabad – 500 093 of Bharat Heavy Electricals Limited,
Corporate Research & Development Division, situated at about 9 KMs West of Secunderabad City,
more particularly described in the Schedule including drawings and specification attached herewith.

Where as the said consultant has agreed to execute the assigned work subject to the
conditions herein contained in these presents and the works shown upon the said drawings and
specifications at the approved rates embodied in schedule – A (bill of quantities) attached herewith.

And whereas the consultant has also pursued the copy of the CPWD standard specifications and its
Addenda volume, BHEL General Conditions of Contract, thereto maintained in the AGM
(PROJECTS) Office and is bound by all the standard Specifications for items of work described by
a standard specifications number in schedule 'A' and by all the conditions and clauses of the
standard preliminary specifications detailed in the agreement.

Now these present witness that in consideration of the Schedule-A as also of agreement of
good and faithful service to be rendered and performed by the consultant in the execution of the
said work, subject to the stipulations hereinafter expressed.

Now its hereby agreed as follows:

1. That the contract shall come into force with retrospective effect from the date of issue of LOI.
2. That it is agreed between the parties that the non exercise of any of the powers conferred on the authorities of the first party, will not in any manner constitute waival of the conditions here to contained in these presents and the liability of the consultant either of part of future compensation shall remain unaffected.
3. That not withstanding anything mentioned earlier by either party, only the conditions included in the agreement shall prevail.
4. That the expenses of completing and stamping the agreements shall be paid by the consultant.
5. The consultant will be responsible for complying with the statutory provisions under various Labour Acts such as workers compensation Act, Minimum wages Act, PF, ESI contributions etc. In case BHEL R&D, as a principal employer, has to pay an amount to any agency for non-fulfillment of any of the provisions of the above referred Acts, I/we authorise BHEL to deduct the amount from my/our bills or I/we will pay the amount to BHEL R&D.

In witness there of the parties have respectively set their signatures in the presence of:

Witness: 1)

2)

Date_____

SIGNATURE OF THE CONSULTANT

For and on behalf of,
Bharat Heavy Electricals Limited
Corporate Research & Development Divn

ACCEPTING AUTHORITY

BHARATH HEAVY ELECTRICALS LIMITED
CORPO.RESEARCH & DEVELOPMENT DIVIN
VIKAS NAGAR : HYDERABAD 500 093

Schedule -A

**SUB: Architectural , Structural , Interiors and landScaping Consultancy for
Construction of UHV Laboratory Building for GIS development
At BHEL(R&D) Lab complex.**

Sl.No.	Description of work	Estimated value of Construction	Percentage to be Quoted on Est. amount	Amount of Consultancy
1.	Architectural ,Structural ,Interiors And Land scaping Consultancy for Construction of UHV Laboratory Building for GIS development at BHEL(R&D) Lab.Complex	339 Lakhs		

A facility consisting of a high voltage testing area and a design center is to be created at BHEL Corporate R&D, Hyderabad.

The shape of the high voltage laboratory shall be identical to the wire frame shown in annexure –I and shall be a steel structure suitably supported by concrete columns.

This will be in Elliptical shape Steel structure with major axis :40M Minor axis :20M

Length : two sections of 8.0 M , apex height : 20M

Cylindrical (Central portion) Diameter : 24 meter (clear) , height 20m covered by a dished roof of approx 1.2m height .

The design center shall be RCC structure and shall be suitably connected to the test laboratory.It is a two storied building having an area of 360 sq.m in each Floor.

Detailed Scope of Work:

The Consultant shall render the following Services:

1. Preparation of Preliminary drawings and obtaining approval of User department And Projects department – within two (2) weeks from the date of LOI.
2. Preparation of Detailed Architectural drawings showing layout, Plan , Sections and Elevations – within four (4) weeks from the date of LOI.
3. Carrying out detailed Structural design calculations (**Considering the Earthquake zoning as per IS code**) using computer programs like STADD pro etc (Computer design calculations including computer modeling have to be submitted for check and approval) – within six (6) weeks from the date of LOI.

4. Preparation of detailed designs and Working drawings for all the internal and external Services like Water supply ,Drainage, Electrical distribution , A/C works , Data cables, access control ,telephone cables, fire detection and fire fighting ,Interior Decoration ,Land scaping works, Roads and path ways ,Signage etc. – within eight (8) weeks from the date of LOI.
5. Preparation of detailed fabrication drawings showing all connection details for structural steel work – within eight (8) weeks from the date of LOI.
6. Preparation of bill of quantities (BOQ)/BOM Containing major Cost items like Structural Steel (Section wise), Reinforcement Steel (Diameter wise) , based on 'Released for Construction' drawings – within eight (8) weeks from the date of LOI.
7. Preparation of 3D Views and blowups of typical and critical areas – within ten (10) weeks from the date of LOI.
8. Preparation of detailed estimates Adopting CPWD schedule of rates .For items of work not available in CPWD Schedule Market rates may be adopted and detailed Rate analysis should be made available – within ten (10) weeks.
- 9.Approval of material during course of construction if required by BHEL (R&D).
- 10.Attending review meetings ,Site visits .Issue of clarifications, details etc on the drawings as and When requested.
- 11.The Consultant shall design the building in accordance with good engineering practice with modern planning, concept incorporating functional and efficient Architectural and Engineering design conforming to the Indian standard codes of practices and Specifications ,Energy saving measures etc. including natural lighting and ventilation.
12. Preparation of "as built" drawings after completion of the works.
13. Periodical revision of drawings if necessary time to time . For each revision 4 copies should be submitted.

I DRAWINGS:

Tender drawings	-	20 copies + Original
All the drawings	-	Minimum 6 copies
All the revisions	-	Minimum 4 copies

All the Original after completion of project must be handed over to BHEL (R&D)
 All the drawings, which are Drawn in CAD are to be supplied to BHEL in the form of CD.
 All the Final drawings should be submitted on tracing paper for subsequent use.

II DESIGNS

Supply of Computer aided design calculations -----	2 sets
Design calculations (hard copy & soft copy) -----	2 sets
As built drawings (soft copy) -----	2 sets

III INSPECTION

The Consultancy charges should include all the expenses towards travel and stay of his representative during execution of the above assignment and no separate payment shall be made for the same.

Structural Engineer or his authorized representative has to visit the site as when necessary- Certification in the following stages are mandatory.

For RCC Building.

- Stage I - Before Footings casting.
- " II - Before Plinth beam casting.
- " III – Before Ground Floor Roof slab casting.
- " IV – Before First Floor Roof slab casting.

For Steel Structure.

- Stage I - Before Erection of Structural steel members for checking of Structural Steel Connections/Materials/Members/Joints etc.
- II - Before erection of Crane gantry girders.
- " III - Before Laying the Sheeting

IV PAYMENT:

Payment will be made based on the Estimate cost of building .

PAYMENT TERMS:

- Payment will be made on Estimate cost of building only
- 25% after submission and approval of detailed architectural drawings.
- 25% after submission of Tender drawings, Detailed structural drawings, service drawings, including design calculations wherever needed and approval of the same.
- 25% after completion of all civil work
- 25% after Completion of structural Steel work.

-
- Note: 1. Agreement will be concluded as per the works policy and general conditions of Contract of BHEL (R&D).
2. Other than the specified percentage no other payment will be made.
3. This contract is valid till completion of the work.

CONSULTANT

ACCEPTING OFFICER

GENERAL INSTRUCTIONS TO CONSULTANTS

1. The CONSULTANT shall fully familiarize himself regarding the “scope of work” and shall seek clarifications if required, before submitting the bid. Incomplete & vague bids will be rejected.
2. Since time is the essence of the contract, the bidder shall offer a schedule/ minimum time for engineering and also indicate the time schedule of inputs required to complete the engineering work. This engineering & Documentation Submission Schedule by the CONSULTANT should match with the overall BHEL Project Schedule.
- 2.1) (a) Immediately after the receipt of the LOI from BHEL R&D, the successful Bidder shall form an Engg. Group & accordingly submit the List of Engineers. who would be assigned with total activities of Engg. work i.e. from beginning till completion of the engineering activities for this project.

(b) The Engineers. or the group of Engineers who would be assigned with the specialities Engg. work like analysis etc. shall also be informed to BHEL R&D.
3. CONSULTANT shall ensure optimal & economic design while executing the Engg. work , but without sacrificing the BHEL Specification requirements / statutory regulations / code provisions / safety aspects etc.
4. Analysis and design carried out using computers shall be accompanied with a commentary defining all notations, description of method / formula used, units and defining the formats of the computer print-out along with all input data. STAAD-PRO’ software for analysis of structures.
5. stress analysis shall be used.

CONSULTANT (S)

ACCEPTING AUTHORITY

- 6 Since speedy delivery of documents is essential, it shall be the responsibility of the CONSULTANT to ensure timely delivery of all documents. To ensure this Courier / Hand delivery shall be used by the bidder.
- 7 CONSULTANT shall familiarize fully with the standards / procedures / practices / quality requirements etc. of BHEL and also the site conditions – to avoid any dispute at a later date.
- 8 BHEL shall not pay any amount, other than the fee specifically agreed in the order , towards any cost incurred by the CONSULTANT by way of salaries to his employees (income and taxes), insurance of any nature, benefits / bonus to the employees, etc. BHEL's liability is limited to the amount contracted for the services to be rendered under the scope of work defined.
- 9 CONSULTANT shall not commit any expenditure on behalf of BHEL without BHEL's consent in writing during the execution of the work defined in the scope.
- 10 CONSULTANT shall bear all expenses / fees / penalties etc. if any for infringes on patents / licenses of any persons / organizations etc. or in case of suits / court proceedings, damage, claims etc., due to any reason whatsoever brought against CONSULTANT.
- 11 CONSULTANT shall ensure that it has readily available with them the various national and international standards , codes of practice, statutory regulations etc. as applicable for execution of the engineering work. BHEL shall not provide any such documents to the CONSULTANT. For executing the engineering work / rendering clarifications etc., the engineers of CONSULTANT shall be fully familiar with the provisions of these documents .
- 12 Progress reporting formats, guidelines for payment invoices etc shall be collected by the CONSULTANT from BHEL where ever applicable. BHEL shall provide only one set and duplication shall be the responsibility of CONSULTANT.
- 13 CONSULTANT shall maintain at his own cost the personal accidents policy, life insurance and / or any such insurance required in respect of its personal deputed to site / for visits to other places required for this contract.
BHEL reserves the right to terminate or suspend the contract or withdraw part of the scope of the work at any stage of its execution, if in BHEL's opinion it is found that CONSULTANT has not met its obligation for the desired performance of its work / the progress by CONSULTANT is not up to the expected standard / due to delays etc. by CONSULTANT which may effect the Project Schedule

CONSULTANT (S)

ACCEPTING AUTHORITY

14 CONSULTANT shall keep all information / data / drawings etc. related to the work as “confidential information” and shall not divulge it elsewhere – fully or partly. All drawings, documents, manuals, design documents, calculations etc. including all originals prepared or obtained during the work shall remain the property of BHEL and shall be handed over to BHEL on demand.

15 CONSULTANT shall comply with the laws and regulations of the country, the state and territories concerned during the course of the work.

16 In the event of any question, dispute or difference arising out or in connection with the contract, whether during the progress of work or after its completion, the purchaser and the successful CONSULTANT shall nominate one arbitrator each. The arbitration shall be conducted in accordance with the latest provisions of the Indian arbitration act 1940.

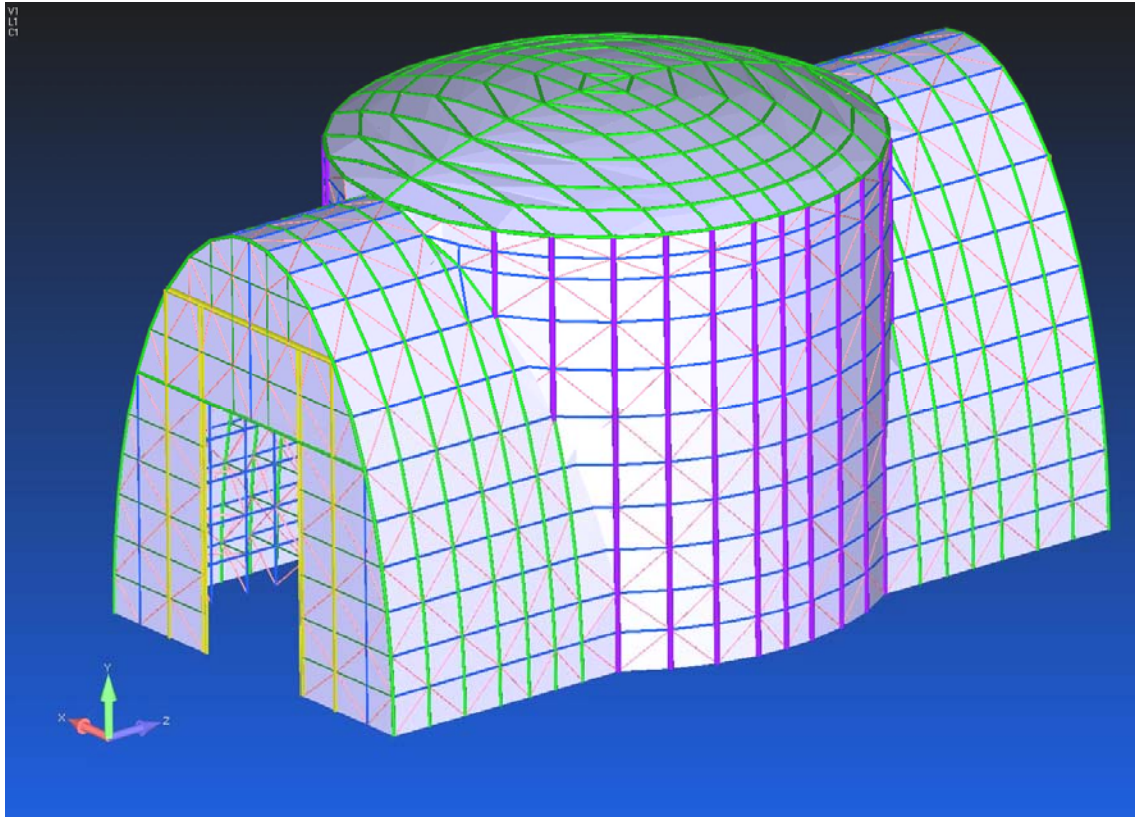
17 CONSULTANT shall ensure that all engineering services shall be carried out as required for the completeness of the project and to the ultimate satisfaction of BHEL and its customer/ customer's consultant . Any activity, which has not been specifically spelt out in this specification, but is required for completeness of the job, shall be provided by the CONSULTANT.

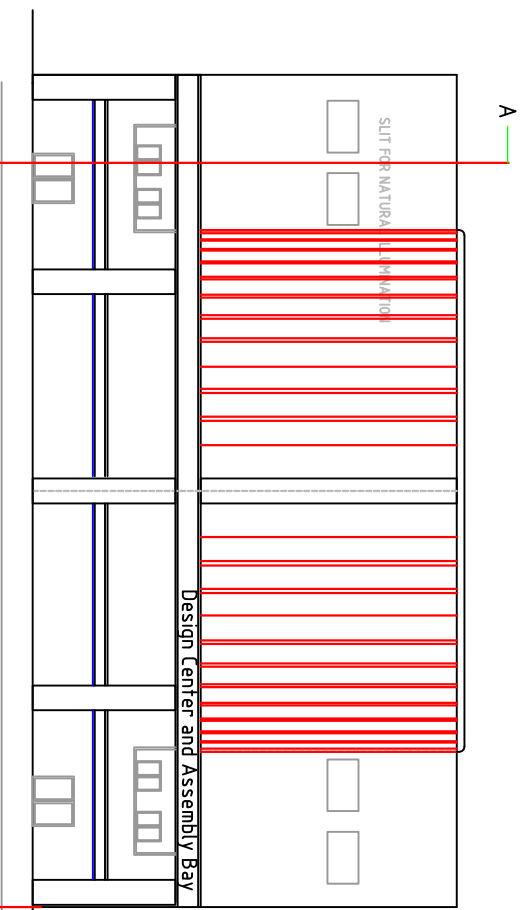
CONSULTANT shall remain responsible for the systems engineered by them for their safe , efficient working& also for the purpose for which it was intended .

18 If due to some unforeseen circumstances or at the request of BHEL, it becomes necessary to suspend / terminate the project engineering work , the CONSULTANT shall be asked accordingly to stop their work and it shall be paid only for the portion of work completed till the date of such notification and as per rules notified by BHEL. No other damages / cancellations charges whatsoever arising out of such suspensions / cancellation shall be payable to CONSULTANT by BHEL.

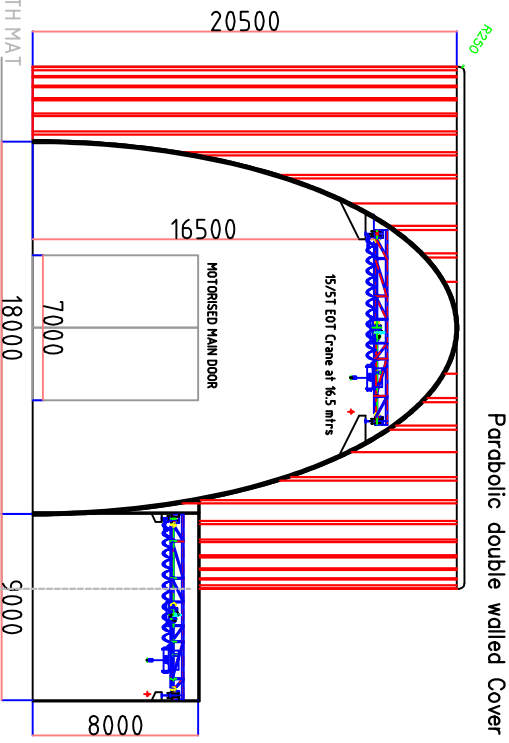
CONSULTANT (S)

ACCEPTING AUTHORITY

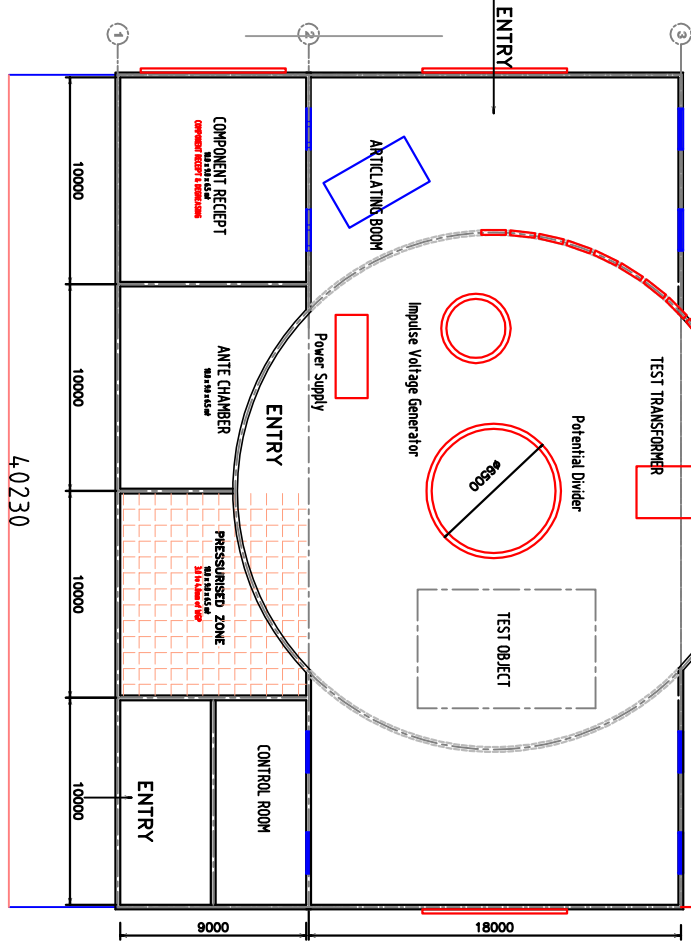




FRONT ELEVATION



Section AA



NOTE: All dimensions are in mm

Rev No.	DATE	REVISIONS	REMARKS

CLIENT:	BHBL R & D, VIKASNAGAR, HIDERABAD		
DRAWN:	KSSRAO	PROJECT:	UHV LABORATORY
CHECKED:	MMRAO	TITLE:	OUTLINE OF GENERAL LAYOUT
APPROVED:	HSJAIN	DRG No.:	BHEL/R & D/GSG-01
SCALE:	NTS	DATE:	05.05.2006
DATE:	05.05.2006	REV.NO.:	00