

ई-निविदा दस्तावेज  
ईपीसी मोड के आधार पर

e-TENDER DOCUMENT  
on basis of EPC mode

ईएसएस डीजल यार्ड, एनसीआर बायोटेक साइंस क्लस्टर, फरीदाबाद में सिविल कार्य सहित अंडरग्राउंड हाई स्पीड डीजल एमएस टैंक 20 केएल क्षमता का डिजाइन, निर्माण, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (डीएफएसआईटी एंड सी)

Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad

(निविदा संख्या: आरसीबी/04-02/103/एनआईटी-12/2021-22)

**Tender No. RCB/04-02/103/NIT-20/2021-22**

कार्यपालक निदेशक, क्षेत्रीय जैवप्रौद्योगिकी केंद्र की ओर से

On behalf of Executive Director, Regional Centre for Biotechnology



**ई-नोटिस निविदा आमंत्रित**

## **e-NOTICE INVITING TENDER**

**Tender No.-** RCB/04-02/103/NIT-20/2021-22

### **1.0 NOTICE INVITING TENDER**

ईएसएस डीजल यार्ड, एनसीआर बायोटेक साइंस क्लस्टर, फरीदाबाद में सिविल कार्य सहित अंडरग्राउंड हाई स्पीड डीजल एमएस टैंक 20 केएल क्षमता का डिजाइन, निर्माण, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (डीएफएसआईटी एंड सी) के लिए प्रतिष्ठित ठेकेदारों एवम अनुभवी एजेंसियों से दो-बोली प्रणाली (तकनीकी बोली और वित्तीय बोली) के तहत अनुसूची, विनिर्देशों और इस निविदा दस्तावेज में उल्लिखित नियमों और शर्तों के अनुसार कार्यकारी निदेशक, आरसीबी की ओर से ऑनलाइन निविदाएं आमंत्रित की जाती हैं।

Online tenders are invited on behalf of the Executive Director, RCB under Two-Bid System (Technical bid and Financial bid) from contractors/agencies having experience of executing similar work ie Supplied and Installed Underground Diesel Tank in Govt/PSU/Autonomous bodies or reputed private sector organisation at least since the last seven years supported by documentary evidences for the Work: **“Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, in EPC Mode at NCR Biotech Science Cluster, Faridabad”** as per schedule, specifications and as per the terms and conditions mentioned in this tender document.

ऑफ लाइन/फिजिकल बोलियां स्वीकार नहीं की जाएंगी और किसी भी आधार/कारण पर किसी अनुरोध पर विचार नहीं किया जाएगा

**Off-line/physical bids shall not be accepted and no request will be entertained on any ground/reason.**

वेब साइट यूआरएल: Web site Url :	<a href="https://dbt.euniwizarde.com/">https://dbt.euniwizarde.com/</a> , <a href="https://rcb.res.in">https://rcb.res.in</a>
पता: Address:	रीजनल सेंटर फॉर बायोटेक्नोलॉजी, एनसीआर बायोटेक साइंस क्लस्टर, तीसरा माइलस्टोन, फरीदाबाद-गुरुग्राम एक्सप्रेसवे, फरीदाबाद, हरियाणा Regional Centre for Biotechnology, NCR Biotech Science Cluster, 3 <sup>rd</sup> Milestone, Faridabad-Gurugram Expressway, Faridabad - 121001, Haryana
संपर्क विवरण Contact Details	कार्यपालक अभियंता, RCB 0129-2848810, 2848800 Executive Engineer, RCB 0129-2848810, 2848800
काम का नाम	ईएसएस डीजल यार्ड, एनसीआर बायोटेक साइंस क्लस्टर, फरीदाबाद में सिविल कार्य सहित अंडरग्राउंड हाई स्पीड डीजल एमएस टैंक 20 केएल क्षमता का डिजाइन, निर्माण, आपूर्ति, स्थापना, परीक्षण और कमीशनिंग (डीएफएसआईटी एंड सी)

Name Of Work	Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad
अनुमानित राशि Estimated Amount	₹8.645/- लाख जीएसटी सहित ₹8.645/- Lac including GST
बयाना पैसा Earnest Money	शून्य स्व-हस्ताक्षरित घोषणा को प्राधिकृत हस्ताक्षरकर्ता द्वारा लेटरहेड पर प्रारूप के अनुसार प्रस्तुत किए जाने की आवश्यकता है। NIL Self-Signed Declaration needs to be submitted as per format on letterhead by authorized signatory.
निविदा शुल्क Tender Fee	शून्य NIL
निविदा प्रसंस्करण शुल्क Tender Processing fees	ई-निविदा पोर्टल पर उल्लिखित शुल्कों के अनुसार (न्यूनतम ₹750/- अधिकतम ₹ 7500/- निविदा मूल्य का 0.1% की दर से + लागू जीएसटी @ 18%) As per charges mentioned on e-Tender portal (minimum ₹750/- up to maximum ₹7500/- @ 0.1% of the tender value+ applicable GST @18%)
निविदा अपलोड करने की तिथि Tender Uploading Date	02.02.2022
प्री-बिड मीटिंग की तिथि Date of Pre-bid meeting	11.02.2022 at 14:00 Hrs
निविदा समापन तिथि और समय Tender Closing Date & Time	18.02.2022 15:00 Hrs
तकनीकी बोली खोलने की तिथि Date of Opening of Technical bid	18.02.2021 Time 15:30 Hrs
वित्तीय बोली खोलने की तिथि Date of Opening of Financial bid	तकनीकी योग्य बोलीदाताओं को बाद में अधिसूचित किया जाएगा। Will be notified to the technical qualified bidders later.

## **QUALIFICATION CRITERIA**

1. The Tenderers must be Contractor/Agency **and must have supplied and installed Under Ground HSD Tank** in Govt./PSUs/ Autonomous bodies or reputed private organization at least since last seven years supported by documentary evidence and must have among list of big clients, at least two of such bodies.

One similar completed work, costing not less than an amount of **₹6.92 Lac**,

OR

Two similar completed work, costing not less than an amount of **₹5.19 Lac**,

OR

Three similar completed work, costing not less than an amount of **₹3.46 Lac**.

(i.e. Similar work means **DFSIT&C of under ground Diesel Tank ( supported with completion certificate and TDS Certificate in case work completed in private sector)**, in any other Govt. Department or reputed private sector during last seven years). Attested copies of the completion certificates issued by the Executive Engineer/Head of department/ owner are required to be enclosed with the technical bid. The tenderer should also give complete details of the concerned authority such as name with designation, valid address, telephone/ mobile number with STD Code, etc. The completed works will be open to inspection and in case works is not up to the standard, the tender will summarily be rejected & no queries will be entertained in this regard.

2. The firm should have not been blacklisted, debarred, declared non performer or expelled from any work of Union Government/ State Governments/ PSUs etc. during the last 5 years. They should also submit a self-declaration on its letter head for the same. The firm should also provide information regarding litigation / arbitration cases for the last five years as per **Annexure-IV**
3. The tenderer may visit / examine the site and its surrounding to assess the accessibility and assess the scope of work before submitting their offer. No claims later on shall be entertained. The tenderers shall arrange & maintain at his own cost all materials, T & P, Water and facility for workers for executing the work. Refer "**Annexure-VIII**"
4. Annual average financial turn over should be at least ₹ 5.0 lacs during the immediate last 3 consecutive financial years. Refer "**Annexure-V**"
5. Agency must have its Service Centre/ office in Delhi NCR . Refer "**Annexure-VI**"
6. Agency must submit make and model with detail technical specification of **20 KL capacity Underground HSD Tank** drawings etc intends to supply. Refer "**Annexure-X**"
7. Even though the applicants meet the above criteria, they are subject to be disqualified if they have:
  - i) Made misleading or false representation in the form, statement and attachments submitted in and or
  - ii) Record of poor performance such as abandoning the work, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures, etc.
  - iii) Found to have been black listed in any other works.

## **Registration Process**

Bidders to enrol on the e-Procurement module of the portal <https://dbt.euniwizarde.com> by clicking on the link "Bidder Enrolment". Enrolment on the e-wizard Portal is free of charge.

The bidders to choose a unique username and assign a password for their accounts. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the e-Wizard Portal.

Bidders to register upon enrolment their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India with their profile.

Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSCs to others which may lead to misuse. Foreign bidders are advised to refer "DSC details for Foreign Bidders" for Digital Signature requirements on the portal.

Bidder then logs in to the site through the secured log-in by entering their user ID / password and the password of the DSC / e-Token.

### **Tender Documents Search**

1. Various built in options are available in the e-Wizard Portal which is further synchronizing with CPP Portal to facilitate bidders to search active tenders by several parameters. These parameters include Tender ID, organization, location, date, value, etc.
2. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as organization name, form of contract, location, date, other keywords etc. to search for a tender published on the Online Portal.
3. Once the bidders have selected the tenders they are interested in, they may download the required documents / tender schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the Online Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the tender document.
4. The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **Bid Preparation**

Bidder should take into account any corrigendum published on the tender document before submitting their bids.

Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid.

Please note the number of covers in which the bid documents have to be submitted, the number of documents - including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.

Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF formats. Bid documents may be scanned with 100 dpi with black and white option.

Copy of constitution or legal status of the bidder manufacturer / Sole proprietorship / firm / agency etc.

Experience Certificates for two or more similar works in last 05 years.

Copy of PAN Card / GST Registration.

Annual average turnover of the agency should be more than rupees 7.0 Lac per annum since last three years.

Brochure, original technical catalogue with detailed specification and picture of the product should be offered,

Earnest Money Deposit: The bidder will be required to submit declaration in prescribed format on letterhead duly signed by authorised signatory.

EMD Fee are exempted for MSME / NSIC vendors.

Tender **processing fee has to be paid by all the vendors** as this fee is being charged by the Online Portal service provider directly.

The bidder should have their registered office/ branch/ service/centre and support of OEM of make of item offered, in Delhi-NCR.

Specification: The Contractor must confirm in writing that the goods supplied by them shall be as per specification of goods and in case of any variation, the contract shall be liable to cancel immediately.

### **Bid Submission**

1. Bidder to log into the site well in advance for bid submission so that he/she upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
2. The bidder to digitally sign and upload the required bid documents one by one as indicated in the tender document.
3. Bidder to select the payment option as Online” to pay the tender fee/ EMD wherever applicable and enter details of the instrument.
4. A standard BoQ format has been provided with the tender document to be filled by all the bidders. Bidders to note that they should necessarily submit their financial bids in the prescribed format and no other format is acceptable.
5. The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
6. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data, which cannot be viewed by unauthorized persons until the time of bid opening.
7. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
8. Upon the successful and timely submission of bids, the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all other relevant details.
9. Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

### **Assistance to Bidders**

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to e-Wizard Portal in general may be directed to the 24x7 e-Wizard Helpdesk. The contact number for the helpdesk is 011-49606060, 23710092, 23710091

## **GENERAL CONDITIONS OF CONTRACT**

### **INSTRUCTIONSTO BIDDERS**

- I. The Tenderer should sign and stamp each page of the tender documents.
- II. The Tenderer may furnish any additional information, which he thinks is necessary to establish his capabilities to successfully complete the envisaged work. He is however, advised not to furnish superfluous information. No information shall be entertained after submission of tender documents unless it is called for by the RCB.
- III. Any information furnished by the tenderer found to be incorrect either immediately or at a later date, would render him liable to be debarred from tendering/taking up of work in RCB.
- IV. Any variation in the terms and conditions of the general/special conditions for payment, tender fees, security deposit, etc. is not acceptable to RCB and such tenders will be rejected straight away.
- V. RCB reserves the right to award the contract in full or in part as per the decision of the competent authority
- VI. RCB is not responsible for any delay in receipt of the application / receipt of tender documents etc. It is the responsibility of tenderer to make sure that the tender is uploaded in time.
- VII. The contractor has to mention contact no. and the person to be contacted in case of any query.
- VIII. The tenderer shall attach the copy of PAN Card, Goods and Services Tax Registration.
- IX. Acceptance of tender shall rest with the RCB, which shall not be bound to accept the lowest tender and reserves to itself the right to reject any or all tenders received without assigning any reasons therefore.
- X. Incomplete tenders are liable to be rejected.
- XI. Any bid received after the deadline for submission of bids, will be rejected.

**Engineer in-charge**

**Signature of tenderer with seal & date**

## GENERAL CONDITIONS OF CONTRACT

### **CONTRACT DOCUMENT**

- 1 The terms 'Contract document' means the Notice Inviting Tender, Tender form, Instructions to bidders, Special Conditions, General Conditions of Contract, Specifications, Price Schedule and Drawings and Articles of Agreement.
- 2 "RCB" shall mean Regional Centre for Biotechnology with its present office at 2nd Mile Stone Faridabad - Gurgaon Expressway Haryana 121001.
- 3 The Contractor shall mean the sole proprietor, or firm or company whether incorporated or not, undertaking the works and shall include the legal representative or such individual successors, heirs, administrators or assignees of such sole proprietor, firm or company, as the case may be or the persons composing such firm or company of the successors of such firm or company and the permitted assignees of such individual or firms or company.
- 4 Engineer-in-charge shall mean the officer designated by the Executive Director, RCB who shall supervise and shall be in charge of the work, and issue necessary instructions at site, on behalf of RCB.
- 5 **Contractor shall strictly conform to the specification, price schedule, general and special terms and conditions, if any, and any other matter contained in the tender documents issued by the RCB.**
- 6 Failure of the successful contractor to lodge the required performance guarantee shall constitute sufficient grounds for the annulment of the Award and forfeiture of the Bid Security, in which event the RCB may make the Award to the next lowest evaluated tenderer or, if there are no other tenderer, call for new bids.
- 7 In the event of breach of contract by the contractor, the performance guarantee will liable to be forfeited by RCB.
- 8 The contractor whose tender is accepted will also be required to furnish by way of **Security Deposit** for the fulfilment of his contract, an amount equal to **5% of the actual work done value**. The Security deposit will be collected by deductions from each running bills as well as final bill of the contractor at the rates mentioned above.
- 9 The Security Deposit will be released after the expiry of the Defects Liability Period of work (i.e. 12 Months) subject to satisfactory fulfilment of its obligations by the contractor under the work.

### TIME FOR COMPLETION OF CONTRACT

Time for completion of total work shall be **120 Days** from the date of award of work.

### TIME AND EXTENSION FOR DELAY

1. If in the opinion of the Engineer-in-Charge the works is delayed by:
  - a. Force majeure.
  - b. Reasons of civil commotion, location combination of workers on strike or lock-out affecting any of the building trades.
  - c. In consequence of the contractor for not having received in due time necessary instructions from the Engineer-in-charge for which he shall have specifically applied in writing.
  - d. Reasons of Engineer-in-charge instruction

The Engineer-in-charge shall make a fair and reasonable extension of time for completion of the contract works. Then upon the happenings of any such event causing delay, the Contractor shall immediately give notice thereof in writing to the Engineer-in-charge but shall



nevertheless use constantly his best endeavour's to prevent or make good the delay and shall do all that may be reasonably required to the satisfaction of the Engineer-in-charge to proceed with the works.

2. Request for rescheduling of date of completion and extension of time, to be eligible for consideration, shall be made by the Contractor in writing immediately after the happenings of the event causing delay. The Contractor may also, if practicable, indicate in such a request the period for which extension is desired.
3. In such case, the Engineer-in-charge may give a fair and reasonable extension of time and reschedule the completion date. Such extension shall be communicated to the Contractor by the Engineer-in-charge in writing within 1 month of the date of receipt of such a request. Non-application by the Contractor for extension of time shall not be a bar for giving a fair and reasonable extension by Engineer-in-charge and this shall be binding on the Contractor.

### **COMPENSATION FOR DELAY**

1. Time is the essence of the contract. The time allowed for the work shall be strictly followed otherwise the Contractor shall be liable to pay compensation at the rate of 0.2% of the ordered value of the work per day of delay on the part of the contractor subject to a maximum of 5% of the total ordered value. The decision of Engineer-in-charge about the delay shall final and binding.
2. If the contractor after award of work fails to deliver any item / part of the work within the time period allowed, RCB reserves the right to remove that particular component from the scope of main contractor and get it done through some alternative resources at the cost of main contractor.

### **TECHNICAL SPECIFICATIONS AND STANDARDS**

The materials & services to be provided by the tenderer under this contract shall conform to the technical specifications as laid down under this tender document and should be carried out to the complete satisfaction of the Engineer-in-charge. As per Annexure-X

### **WORK OPEN TO INSPECTION**

1. All works under or in course of execution or being executed in pursuance of the contract shall at all times be open to inspection and supervision by the Engineer-in-charge and/or his authorized subordinates, and the Contractor shall at all times during the usual working hours, and at all other times at which reasonable notice of the intention of the Engineer-in-charge or his subordinate to visit the works shall have been given to the contractor, either himself be present to receive order and instructions, or have a responsible agent duly accredited in writing, present for that purpose. Order given to the contractor's agent shall be considered to have the same force as if the same had been given to the Contractor himself.
2. All works shall be executed subject to the approval in all respect of the Engineer-in-charge who shall be entitled to direct at what point or points and in what manner these are to be commenced, and carried out from time to time.

### **INSPECTION, TESTING AND QUALITY CONTROL**

1. RCB and/or its nominated representative(s) will, inspect and/or test the work / material to confirm their conformity to the tender specification at no extra cost to the RCB. The Inspection Authority to be designated by the RCB shall specify what inspections and tests are required and where they are to be conducted. The RCB shall notify the contractor in writing in a timely manner of the identity of any representatives retained for these purpose. All work / material shall be tested as stipulated in the latest specification of, Govt. /institutes.
2. The inspections and tests may be conducted on the premises of the tenderer or its subcontractor(s) or at the point of delivery. If conducted on the premises of the tenderer or

its subcontractor(s), all reasonable facilities and assistance, including access to drawings and production data shall be furnished to the Inspectors at no charge to the RCB.

3. The representative of Centre shall inspect or test the items, which fail to conform to the specifications. The RCB may reject such items and the tenderer shall replace the rejected items, at no cost to the RCB, within a stipulated time period.
4. The RCB's right to inspect, test and where necessary, reject the items after its arrival at the final destination shall in no way be limited or waived by reason of the items having previously been inspected, tested and passed by RCB or its representatives.
5. Nothing shall in any way release the tenderer from Guaranty or other obligations under the contract.
6. The RCB shall be the final authority to reject full or any part of the item which is not conforming to the specifications and other terms & conditions.
7. No payment shall be made for rejected items. Rejected items must be removed by the contractor within one weeks of the date of rejection at their own cost and replace immediately. In case these are not removed, these will be auctioned at the risk and responsibility of the contractor without any further notice.

### **PACKING AND MARKING**

1. The packing of items to be supplied directly at site, should be strong and durable enough to withstand, without limitation, the entire journey during transit including trans-shipment (if any), rough handling, open storage etc. without any damage, deterioration etc. As and if necessary, the size, weights and volumes of the packing cases shall also take into consideration, the remoteness of the final destination of the supplied Items and availability or otherwise of transport and handling facilities at all points during transit up to final destination as per the contract.
2. The quality of packing, the manner of marking within & outside the packages and provision of accompanying documentation shall strictly comply with the requirements as per site condition. In case the packing requirements are amended due to issue of any amendment to the contract, the same shall also be taken care of by the tenderer accordingly.

3. Packing instructions:

The tenderer shall make separate packages for each consignee (in case there is more than one consignee mentioned in the work order) and mark each package on three sides with the following with indelible paint of proper quality:

- a. Contract number and date
- b. Brief description of items including quantity
- c. Packing list reference number
- d. Country of origin of supplied items
- e. Consignee's name and full address
- f. Tenderer's name and address

### **WATER & POWER FOR FABRICATION**

RCB shall provide power & water at one point for the proper execution of the work free of cost under normal circumstances if available at site. In case RCB is not in a position to supply the water and / or power, the contractor will make his own arrangement so that the work does not suffer. However, no claim of the contractor whatsoever shall be entertained by RCB on this account.

### **CO-ORDINATION**

Work shall be carried out in such a manner that the work of other agencies operating at the site is not hampered due to any action of the contractor. Proper co-ordination with other agencies will be contractor's responsibility. In case of any dispute the decision of RCB shall be final & binding on the contractor.

### **CLEARANCE OF SITE**

The contractor shall have to remove all waste (Melba) and other unwanted material from site of work before handing over the installation to the RCB. The work shall not be treated as complete in all respects unless these requirements are fulfilled by him. In the event of contractor failing to do so, the RCB shall have right to get the site cleared at the cost of contractor.

### **COMPLIANCE WITH LABOUR LAWS AND OTHER LAWS**

The Contractor shall abide by the Contract Labour, (Regulation and Abolition) Act 1970, and Contract Labour (Abolition and Regulation) Central rules 1971. The Contractor shall comply with the provisions of Payment of Wages Act 1936, Minimum Wages Act 1948, Employees Liability Act 1938, Workmen's Compensation Act 1923, Industrial Disputes Act and other applicable regulations and other labour laws Contract Labour as mentioned below as applicable amended up to date:

- 1) Industrial Disputes Act.
- 2) Industrial Establishment (Standing orders) Act.
- 3) Trade Unions Act.
- 4) The Factors Act.
- 5) Employees Provident Fund & Miscellaneous Provision Act.
- 6) Employees State Insurance Act.
- 7) Workmen's Compensation Act.
- 8) Payment of Gratuity Act.
- 9) Minimum Wages Act.
- 10) Payment of Wages Act.
- 11) Equal Remuneration Act.
- 12) Payment of Bonus Act.
- 13) National / Weekly Holiday Act.
- 14) Inter-state Migrant Workmen (Regulation of Employment and of service conditions) Act.

In case, RCB is made liable to pay any amount to any third party due to non-observance of any of the statutes/law as mentioned above, the same will be adjusted from any future payment due payable to the contractor or from performance s guarantee available with RCB.

### **SAFETY CODE, LABOUR CAMPS SANITARY ARRANGEMENTS**

The Contractor shall follow the Safety Code and Model Rules for the Protection of health and Sanitary arrangement for Workers as prescribed by the CPWD as regard to safety code and first aid facilities. In case, the Contractor fails to make the aforesaid arrangement, the Executive Director RCB shall be entitled to do so at the risk, responsibility and cost of the Contractor. Determent panel and legal action shall be taken in the event of any failure on the part of the contractor to discharge the safety obligations which are laid down in the contract.

### **PAYMENT OF WAGES BY THE CONTRACTOR**

The Contractor shall directly pay to labour employed by him and shall be solely responsible for following all Government rules and regulations applicable for employment.

### **PAYMENT TERMS**

Adhoc payment of 50% of tender value will be paid after 70% of work done as certified by Engineer in Charge.

Balance payment will be made after final completion of job in all respect.

### **REMOVAL OF PERSON**

The Engineer-in-charge may require the Contractor to remove from the site of the work any person or persons in the Contractor's employment who may found to be incompetent or due to misconduct and the Contractor shall forthwith comply with such requirement / instructions.

### **WATCH AND WARD**

The contractor shall be responsible for watch and ward of all the works and various materials till complete handing over the works to the RCB.

### **GUARANTEE CLAUSE**

- 1 Materials shall be guaranteed against manufacturing defects, materials, workmanship and design for a period of 12 months from the date of commissioning or 18 months from the date of dispatch whichever is earlier. Warranty for replacement of material / accessories should be provided free of charges at our premises. The above guarantee/warranty will be without prejudice to the certificate of inspection or material receipt note issued by us in respect of the materials. In case the defect arises within the abovementioned Defect Liability Period (DLP) and the same is repaired/replaced, the DLP for the repaired/replaced job/item will be extended suitably so as to cover the original DLP. However, in no case, such extension will exceed 24 months from date of start of initial DLP.
- 2 All the materials including components and sub contracted items should be guaranteed by the vendor within the warranty period mentioned above. In the event of any defect in the material, the vendor will replace / repair the material at RCB's concerned location at vendor's risk and cost on due notice
- 3 The contractor shall guarantee that all the material and components supplied and installed by him shall be free from defects due to faulty, material or workmanship.
- 4 The charge and any shortcomings found in the materials as specified shall be removed at no extra cost. The contractor shall provide the necessary personnel and tools for fulfilling the above guarantee. Period of the guarantee shall be 6 months from the date of handing over the complete installations to RCB. During this period any or all components found to be defective shall be replaced or repaired free of cost.
- 5 If the defects are not removed within a reasonable time the RCB may arrange to do at the contractor's risk and cost, without prejudice to any other rights.
- 6 The Vendor shall provide similar warrantee on the parts, components, fittings, accessories etc. so repaired and / or replaced
- 7 After Sales Service: After sales service should be made available on 24 (hrs) X 7 (days) X 365 (days) basis. Complaints should be attended promptly and properly within 24 hrs. The service should be provided directly by the tenderer or his authorized agent whose details shall be provided to the RCB/consignee within one month from the date of award of contract.

### **PRICE FALL CLAUSE**

If at any time during the validity of the work the tenderer supplies such equipment's/stores as are under this tender enquiry, to any other organization at a price lower than the price quoted under this contract, he shall forthwith reduce the price payable under this tender for the equipment's/

stores being supplied from the date of coming into force of such reduction, the price of equipment's/ stores shall stand correspondingly reduced.

In case of increase in market prevailing prices of the materials if claimed by the supplier, no price escalation will be payable.

### **INTERPRETATION**

- 1 **In interpretation of specifications**, the following orders shall be as followed: -
  - a) Drawings
  - b) Technical Specification
  - c) Special Conditions of contracts
  - d) General condition of contract
  - e) Construction drawings
- 2 Matters not covered by the specification given in this contract as a whole shall be covered by relevant and latest Indian Standard codes/ C.P.W.D code. If such codes on a particular subject have not been framed, the decision of the owner/ owner's representative shall be final and binding.

### **TERMINATION**

- 1 Being a standing offer, the work can be terminated from either side by serving one month's notice to the other party. However, all the orders placed before the date of serving of such notice will be valid and binding on both the parties. Further, the orders placed under the work can also be terminated individually and the same will not lead to automatic termination of work unless so specified.
- 2 Termination of work order
- 3 Notwithstanding anything elsewhere provided herein and in addition to any other right or remedy available to RCB under the work or otherwise including right of RCB to claim compensation for delay, RCB may, without prejudice to his right against contractor in respect of any delay, bad workmanship or otherwise or to any claims for damage in respect of any breaches of the contract and without prejudice to any rights or remedies under any of the provisions of this work or otherwise and whether the date for completion has or has not elapsed by intimation in writing, absolutely determine and terminate the Contract.

Default or failure by the contractor in any of the under mentioned cases, including but not limited to the following shall be the basis of taking action under this clause of the contract.

- 1) Failure to provide at the job site, sufficient labour, material, equipment, machinery, and / or facilities, required for the proper and / or due execution of the work or any part thereof:
- 2) Failure to execute the works or any of them in accordance with the contract.
- 3) Disobedience of any order or instruction of the Site Engineer and /or Engineer-in-charge.
- 4) Negligence in carrying out the work or carrying out of work found to be unsatisfactory by the Engineer-in-charge.
- 5) Abandonment of the works or any part thereof.
- 6) If the Contractor misconduct in any manner.
- 7) Delay in execution of work, which in opinion of Engineer-in-charge shall delay the completion of work beyond the stipulated date of completion.
- 8) Distress, execution, or other legal process being levied on or upon any of the Contractors goods and /or assets.
- 9) Death of Contractor (if an individual)

- 10) If the Contractor of any person employed by him shall make or offer for any purpose connected with the contract any gift, gratuity, royalty, commission, gratification or other inducement (whether money or in any other form) to any employee or agent to RCB.

The decision of the Executive Director, RCB as to whether any of the events/ contingencies mentioned in aforesaid clauses entitling RCB to terminate the contract has occurred shall be final and binding upon the Contractor. The jobs left however by the Contractor shall be got done at his risk and cost through the other agencies and the Contract shall be determined accordingly.

### **FORCE MAJEURE**

The right of the contractor to proceed with the work shall not be terminated because of any delay in the completion of the work due to unforeseeable causes beyond the control and without the fault or negligence of the contractor, including but not limited to acts of god, or of the public enemy, restraints of a sovereign state, floods, unusual severe weather conditions.

### **ARBITRATION**

Any claim, dispute or difference arising out of or in connection with this agreement and which cannot be settled by mutual consultations, shall be referred to sole Arbitration or an Arbitrator to be appointed by mutual consultations. The award of the Arbitrator shall be final and binding between the parties as per the terms and conditions of the Agreement to be executed on award of contract. The Arbitration proceedings shall be governed by the Arbitration and Conciliation Ordinance dated 26th March, 1996 and shall be conducted in Haryana

### **BID SECURITY (EMD):**

1. The Bid Security shall be valid and remain deposited with the Institute for the period of forty-five days beyond the final bid validity period.
2. In case of non-submission declaration for Bid Security (EMD) the tender would be rejected

### **PERFORMANCE SECURITY DEPOSIT: -**

1. Vendor will have to provide Performance Bank Guarantee for 10% of the basic value of work order within 10-days after issue date of work order.  
in favour of **“Executive Director Regional Centre for Biotechnology”** payable at Faridabad. This bank guarantee shall be valid for the period of six months.
2. Security Deposit 10% of work value will be deducted from final bill. Performance Security will be returned/released after three months from date of completion.

### **JURISDICTION: -**

Notwithstanding any other court or courts having jurisdiction to decide the question(s) forming the subject matter of the reference, if the same had been the subject matter of a suit, any and all actions and proceeding arising out of or relative to the contract (including any arbitration in terms thereof) shall lie only in the Court of Competent Civil jurisdiction in this behalf at New Delhi and only the said Court(s) shall have jurisdiction to entertain and try any such action(s) and/or proceeding(s) to the exclusion of all other Courts.

### **Exclusive Right of the Executive Director, Regional Centre for Biotechnology,**

The Executive Director, Regional Centre for Biotechnology, Faridabad, has full and exclusive right to accept or reject any bid or tender and / or withdraw the work order without assigning any reasons, whatsoever.

**Signature of the Bidder/ Agency with stamp**

Witnesses: -

1.

2.

## TECHNICAL BID

Tender No.- RCB/04-02/103/NIT-20/2021-22

### Check List of Certificates/ Documents required to be uploaded in the Technical Bid

If these documents are not uploaded/submitted and conditions not met, the bid shall be summarily rejected and no further correspondence, in this regard, shall be entertained.

S. No	Document uploaded as	Description	Technical Compliance (Yes/No) Page No.
1.	<b>Annexure-I, Annexure-I A</b>	Undertaking for EMD declaration by authorized signatory on letterhead as per format at <b>Annexure-I, Annexure - I A</b>	
2.	<b>Annexure-II</b>	Undertaking for adherence & acceptance to all Tender Terms and conditions and Two-Bid System. (Non-violation of Two-Bid System) <b>Annexure-II</b>	
3.	<b>Annexure-III</b>	Fall clause declaration <b>Annexure-III</b>	
4.	<b>Annexure-IV</b>	Non-black listing declaration <b>Annexure-IV</b>	
5.	<b>Annexure-V</b>	Annual average Turnover of the agency should be more than rupees ₹5.00 Lac per annum since last three years. <b>Annexure-V</b>	
6.	<b>Annexure-VI</b>	The Firm/office/service Centre in Delhi-NCR (Address proof) with Copy of PAN and GST registration certificate <b>Annexure-VI</b>	
7.	<b>Annexure-VII</b>	<b>Experience of completion of projects of similar nature &amp; complexity</b> a) One similar completed work, costing not less than an amount of ₹6.91 Lacs <b>OR</b> b) Two similar completed work, costing not less than an amount of ₹5.19 Lacs <b>OR</b> c) Three similar completed work, costing not less than an amount of ₹3.46 Lacs <b>Annexure-VII</b>	
8.	<b>Annexure-VIII</b>	Certificate For Site Inspection <b>Annexure-VIII</b>	
9.	<b>Annexure-IX</b>	Authorization Letter <b>Annexure-IX</b>	
10.	<b>Annexure-X</b>	Make of Spare parts and technical specification. <b>Annexure-X</b>	
11.	<b>Annexure XI</b>	Solvency Certificate of Rs 4 Lac addressed to Executive Director, RCB	



**BID SECURITY DECLARATION**

**(on letter head of the firm)**

**To be uploaded on e-Wizard Portal**

**Tender No.- RCB/04-02/103/NIT-20/2021-22**

I/We hereby undertake that we will abide by the terms and conditions of the bid document. If I/We withdraw or modify our bids during the period of validity, I/We shall be liable to be suspended/debarred from participating in the present bid and in any bid of Government Organization for the period of One Year.

(Signature of Authorized Representative with seal and stamp)

**Annexure – I A**

**Additional information of the Bidding Agency duly signed by the bidder or authorized representative of the bidder as per the Performa**

1. Tender Enquiry No. RCB/04-02/103/NIT-20/2021-22 Due for opening on:
2. Name & Address of Bidder:-

**Please indicate**

3. Details of Bank Account of the bidder/Agency.
  - i) Name of the Bank
  - ii) Address of the Branch
  - iii) Phone number
  - iv) IFS Code No.
  - v) Bank Account No.
  - vi) Type of Account
4. Business Name and constitution of the firm. Is the firm registered under?
  - i) Copy of GST Registration Certificate
  - ii) The Indian Companies Act, 1956
  - ii) The Indian Partnership Act, 1932
  - iii) Any act, if not, who are the owners. (Please give full Names and Address)
5. For partnership firms state whether they are registered or not registered under Indian Partnership Act. 1932. Should the answer to this question by a partnership firm be in the affirmative please state further:
  - i) Whether by the partnership agreement authority to refer disputes.
  - ii) concerning the business of the partnership to arbitration has been conferred on the Partner who has signed the tender
  - iii) If the answer to (a) is in the negative, whether there is any general power of attorney executed by all the partners of the firm authorizing the partner who has signed he tender to refer dispute concerning business of the partnership to arbitration\

**Signature of witness**

Full Name and Address of Witness

**Signature of Bidder**

Full name & address of the  
Person signing (In BLOCK  
LETTER)

Whether signing as Proprietor/ Partner  
/ Constituted Attorney / duly authorized by the company

**TENDER ACCEPTANCE LETTER**

(To be submitted on Company Letter Head).

Date

The Executive Director  
Regional Centre for Biotechnology  
NCR Biotech Science Cluster,  
3rd Milestone, Faridabad – Gurugram Expressway,  
Faridabad – 121001

SUB: Acceptance of Terms & Conditions of Tender.

Tender Reference No: RCB/04-02/103/NIT-20/2021-22

Name of Tender / Work: “Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad”

Dear Sir,

1. I / We have downloaded / obtained the tender document(s) for the above mentioned ‘Tender/Work’ from the web site(s) namely: [www.rcb.res.in](http://www.rcb.res.in), <https://dbt.euniwizarde.com> as per your NIT / advertisement, given in the abovementioned website(s).
2. I / We hereby certify that I / We have read the entire terms and conditions of the tender documents (including all documents like annexure(s), schedules(s), etc.), which form part of the contract agreement and I / We shall abide hereby by the terms / conditions/ clauses contained therein.
3. The corrigendum(s) issued from time to time by your department / organization too has also been taken into consideration, while submitting this acceptance letter.
4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality / entirety.
5. I/We declare that we have followed two bid system ie we have not disclosed rates in any where in technical bid document.
6. I / We certify that all information furnished by our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/organization shall without giving any notice or reason therefore or summarily reject the bidder terminate the contract, without prejudice to any other rights or remedy including the forfeiture of the fully said earnest money deposit absolutely.

Yours Faithfully,  
Authorized Signatory.  
(Signature of the Bidder, with Official Seal)

**FALL CLAUSE DECLARATION**

Ref: File No. RCB/04-02/103/NIT-20/2021-22

Date . . .2021

**Name of Work:** “Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad”

This is to certify that we have offered the maximum possible discount to you in our Quotation No. \_\_\_\_\_ dated \_\_\_\_\_

The prices charged for the stores supplied under Rate Contract should under no event be higher than lowest prices at which the party sells the items of identical description to any other Govt. organisation/PSU’s/Autonomous bodies/Pvt. organisations during the period of contract failing which the “FALL CLAUSE” will be applicable.

In case, if the price charged by our firm is more, RCB Faridabad will have the right to recover the excess charged amount from the subsequent/unpaid bill of the supplier.

Seal and Signature of the Bidder

Note: This letter of authority should be on the letterhead of the quoting firm and should be signed by a person competent and having the power of attorney to bind the same.

**NON-BLACK LISTING DECLARATION**

FORMAT OF UNDERTAKING, TO BE FURNISHED ON COMPANY LETTER HEAD WITH REGARD TO BLACKLISTING/ NON- DEBARMENT, BY ORGANISATION

UNDERTAKING REGARDING BLACKLISTING / NON – DEBARMENT

To,  
Executive Director  
Regional Centre for Biotechnology  
NCR Biotech Science Cluster,  
3<sup>rd</sup> Milestone, Faridabad-Gurgaon Expressway  
Faridabad

We hereby confirm and declare that we, M/s -----, is not blacklisted/ De-registered/ debarred by any Government department/ Public Sector Undertaking/ Private Sector/ or any other agency for which we have Executed/ Undertaken the works/ Services during the last 5 years.

For -----

Authorised Signatory

Date:

**FINANCIAL CAPABILITY**

Financial Year	Annual Turn Over in Indian Rupees as per Audited Balance Sheet
<b>2018-19</b>	₹
<b>2019-20</b>	₹
<b>2020-21</b>	₹

NOTE: The above data is to be supported by audited balance sheets

1. Attach copies of audited balance sheets duly certified by the chartered accountant for all three years (**2018-19, 2019-20 & 2020-21**). Audited Balance sheet should mention the membership number of chartered accountant issued by ICAI along with full address.
2. Attach recent solvency certificate from bankers. The certificate should be not more than one-year-old from the date of submission of bid.

Signature and seal of the Authorized Signatory of the bidder

**GENERAL INFORMATION**

<b>1.</b>	<b>Name of Firm</b>	
<b>2.</b>	<b>Head office address</b>	
<b>3.</b>	<b>Telephone</b>	<b>Contact No</b>
<b>4.</b>	<b>Fax. No.</b>	<b>Email ID</b>
<b>5.</b>	<b>Place of Incorporation registration</b>	<b>Year of incorporation/registration</b>

Signature and seal of the Authorized Signatory of the bidder

## LIST OF PRESENT CLIENTS

List clients with whom annual billing for similar services not less than Rs. ₹2.86 Lac/year in each case in the last five years.

S.No	Name of the client	Date of Start	Date of Completion	Area (in sq m) being serviced, and number of users	Scope of work	Number of manpower employed	Approx annual contract value providing similar for services	Reference of authorized official on clients side with contact number
1								
2								
3								
4								
5								

NOTE: KEEP ADDING IN THE SIMILAR MANNER IF THE LIST IS LONGER

NOTE:

1. Clients mean the clients presently (on the last day of bid submission) being served by service provider or were serviced in the last seven years.
2. Supporting documents in the form of award of work/completion should be submitted.
3. Please highlight the clients for which the total tenure of services is more than 3 years continuously. Certificate of continuity of services with all the clients where Operation & Maintenance been provided for three or more years continuously should also be attached/proof of award of work in continuity to be attached.
4. If no proof of award of work, completion of work is submitted, the evaluation committee may make its own judgment and the Bidder/ Agency may be rated poorly on this count in technical evaluation.

SIGNATURE OF THE BIDDER

NAME & ADDRESS WITH STAMP



**CERTIFICATE FOR SITE INSPECTION**

NIT No. RCB/04-02/103/NIT-20/2021-22

**Name of Work** - Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad

Certified that we..... (Name of tenderer) have visited the site on dated..... and assessed the nature and amount of work involved before submitting our offer. We will be able to complete the works within the stipulated time and also certified that we will be able to supply the material/executing the work as per specification to suit the site conditions.

ADDRESS OF SITE: -

***ELECTRICAL SUB-STATION***  
*REGIONAL CENTRE FOR BIOTECHNOLOGY*  
NCR-Biotech Science Cluster at RCB  
3<sup>rd</sup> mile stone Faridabad - Gurgaon Expressway  
Faridabad Haryana-121001

**Signature of Tenderer with Seal & Date**

(To be submitted on Company Letter Head).

**AUTHORIZATION LETTER**

We \_\_\_\_\_ (name of the bidder) hereby authorize Shri / Smt. \_\_\_\_\_

(name of the authorized person) to sign and submit the bid to RCB, Faridabad against their tender No. RCB/04-02/103/NIT-20/2021-22

Shri / Smt. \_\_\_\_\_ (name) is also authorized to negotiate the terms and conditions pertaining to the said tender on behalf of M/s \_\_\_\_\_ (name of bidder). The specimen signature of Shri / Smt. \_\_\_\_\_ (name) is appended below.

Specimen Signature:  
Name:

The undersigned is authorized to delegate the authority on behalf of M/s \_\_\_\_\_ (name of bidder), as stipulated above.

For \_\_\_\_\_  
(name of bidder)

## TECHNICAL SPECIFICATIONS

**FABRICATION OF TANKS:** The fabricator shall be required to fabricate the U/G tanks of 20 KL capacity as per our drawing & Standards, including supply of Steel Plates, internal & external structural / fittings etc. complete.

### SCOPE OF SUPPLY

1 Steel Plates required for Shell, End Plates, Reinforcement Pads, Manhole Cover/ Necks etc.:

Supply of steel plates for U/G tanks conforming to IS 2062, Gr.-B (Fe 410, E-250) of tested quality. (Thickness of plate should be as per drawing). The steel plates are to be procured in general from manufactures such as viz. SAIL / TISCO / ESSAR / LLOYDS/ISPAT/JINDAL SALEM STEEL as far as possible directly. However the vendors can also procure the steel plates from any authorized stockists /dealers of above manufacturing companies. The vendor will be asked to furnish the invoices & test certificates from the manufacturer/stockists/dealer for each lot of steel plates procured.

The invoices for supply of Steel Plates should be directly in favour of fabricator / vendor. Further in case of non-availability of indigenous steel plates, vendors may be allowed to use imported steel plates equivalent or more than IS 2062 GR B. However RCB/THSTI prior approval has to be obtained for procuring imported steel plates. In case of imported steel plates the following additional tests are to be carried in addition to our scope of inspection along with TPI Agency.

1. Minimum 10% of steel plates procured are to be tested for Ultrasonic tests.
2. Sample pieces from each lot are to be tested in local government approved metallurgical labs for both physical and chemical properties and confirming equivalent to or more than IS 2062 GR B requirements.

2 FITTINGS:

Required fittings will be supplied by the fabricator / vendor as per drawing.

- (a) All Pipes & nozzles will conform to IS 1239, heavy class.
- (b) SORF Flanges used for nozzle connections will be of plate type IS 2062, Gr. B suitable for class 150 pound per Sq. Inch with serration and dimensions as per ANSI B 16.5
- (c) All other fittings as per drawing shall conform to relevant spec mentioned in the drawings.
- (d) The vendor will be asked to furnish the invoices & test certificates for purchase of Fittings.
- (e) The fittings (as mentioned in the drawing) shall be supplied by the vendor.
- (f) Following fittings to be supplied along with each Tank:
- (g) 50 NB suction pipe
  - i. 50-NB purported pipe
  - ii. 75-NB fill pipe
  - iii. Aluminum Dip Cap with stopper
  - iv. Aluminum Fill cap
  - v. Aluminum Dip rod
  - vi. Two Nos. GI earthing plate 12-inch x 12-inch

3 STRUCTURAL STEELS/ STIFFENERS:

Structural steel sections required as per drawing. All Structure will be as per IS 2062. The vendor will be asked to furnish the invoices & test certificates for purchase of structural steel. In case of nonavailability of any specific size of Structural Steel (viz. Angel, Section,

Channel etc.) mentioned in the drawings, the fabricator will be allowed to use higher sizes of the same. However, no additional payment will be made for using higher sizes of Structural Steel.

#### 4 SCOPE OF INSPECTION

Materials shall be inspected by RCB approved Committee if applicable before dispatch of materials. However, arranging and providing inspection facilities is entirely vendor's responsibility and in no way shall affect the delivery schedule.

#### 5 WELDING

- (a) All welding including temporary attachments welding shall be done in accordance with good engineering practice and as guided by RCB/THSTI.
- (b) ISI marked electrode of required size to be used for all fabrication & welding works.
- (c) The plates are to be assembled and retained in position for welding by some suitable methods. Tack welds, where used, are to be removed so that they do not become part of the main seam. Corrections of irregularities are not to be carried out by hammering.
- (d) All welding shall be done by metal arc process by using electrodes of ISI mark. All surfaces for welding are to be thoroughly cleaned of scale, rust, oil or other foreign matter down to a clean surface for a distance of at least 12.5 mm from welding edge.
- (e) All shell welds shall be butt welds with full penetration and minimum of double inside and outside beads. The end plate will be welded to the shell with two runs of fillet weld both from inside and outside (as shown in the drawing). However, One extra run of welding should be provided from outside, along the periphery of end plates, in addition to the said fillet weld.
- (f) Single pass welds are not permitted. Undercutting, overlapping at the toe or bad profile shall be avoided. While welding the metal at the bottom of the first side is to be removed by grinding, chipping, machining or other approved methods so as to provide clean sound metal to deposit the subsequent welds.
- (g) Each run of weld metal is to be thoroughly cleaned and all slag removed before the next run is deposited.
- (h) If welding has been stopped for any reason, care is to be taken in restarting to ensure that the previously deposited weld metal is thoroughly cleaned and free from slag and that there is proper penetration into the plates and the previously deposited weld metal.
- (i) Fillet welds of thickness as mentioned in the drawings are to be made so as to ensure proper fusion and penetration of the weld metal.
- (j) The welding will be full-run-welds at all joints, both internally and externally. All slag shall be cleared with wire brushes. Before the final assembly of tank, all dust, welding rod ends, slag, scales shall be removed from inside as well as outside the tank.
- (k) In multi-layer welding, each layer of weld metal shall be thoroughly cleaned of slag and other deposits before the next layer run is applied. All completed welds shall be de-slugged, brushed and thoroughly cleaned before offering the tanks for Grey Inspection.
- (l) The reverse side of double welded butt joint shall be back chipped ground before the application of the first run of welding to this side, in a manner which will leave the exposed surface accessible and satisfactory for the fusion of the weld metal to be added.

- (m) Joints shall be staggered to ensure no + joints formed on the shell.
- (n) There shall be no undercutting of the base metal.
- (o) The fabricator at the beginning of the first tank shall qualify the welder pre-qualification procedure and consumables to be used for fabrication of UG tank by RCB/THSTI.

**Make of Items**

S.No.	Description	Make
1.	MS Sheet	TATA, JINDAL, ISPAT
2.	<u>MS Pipe Dia 80 mm</u>	JINDAL
3.	<u>Valve</u>	<u>ZOLOTO, GURU</u>
4.	Cement (PSC)	ACC / Ultratech / Ambuja / Lafarge
5.		
6.		
7.		

## **INSPECTION OF WORK FOR MS 20 KL U/G TANK:**

The inspection will be carried out in 3 stages in general, but not limited.

### **STAGE-1: MATERIAL IDENTIFICATION/ TESTING/ VERIFICATION:**

- (a) Visual inspection of steel plates for defects, such as out of square, scabs and slivers (peeling away / pitting), corrosion, laminations, inclusions, etc.
- (b) Dimension check of steel plates. Especially thickness of the plates, it shall be clearly mentioned in the inspection report issued by RCB/THSTI.
- (c) Properties (physical and chemical) will be checked as per IS 2062 at the Third Party Laboratory. At least, one sample each will be taken from the batch of 10 plates subject to minimum one sample from each heat no. / cast no or Manufacturers Test Certificate should be available at the time of inspection of steel plates.
- (d) Visual inspection, dimensional check and certificates correlation / verification for bought out items, such as heavy duty pipes, SORF flanges, etc. If required, samples may be taken by Inspecting Authorities for testing in the Third Party Laboratory.
- (e) In case of non availability of indigenous steel plates, party has to take prior approval for procuring imported steel plates and at least 10% of these Steel Plates are to be tested for Ultrasonic Test by RCB/THSTI.

### **STAGE-2: GREY INSPECTION:**

- (a) Visual check of U/G tank
- (b) Checking overall dimensions of the main tank as per specification/ IS code/ drawings/ tolerance given as applicable.
- (c) Checking the completeness of welding
- (d) Visual check / Dimensional check of all the fittings

### **STAGE-3: FINAL INSPECTION:**

Hydrostatic pressure testing at 0.50 kg/cm<sup>2</sup> pressure for one hour by hammering around all welded joints. Tank should not leak at any joint. Acceptance/Rejection will be as per RCB/THSTI approved drawing for dimensions. Check list and stage wise inspection report /release note to be given by RCB/THSTI

## **Scope of Work**

Nature of tender : Engineering, Procurement and Construction Mode.

Name of the work: **Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, in EPC Mode at NCR Biotech Science Cluster, Faridabad 121001.**

Scope of work includes supply of tank, pipes, valves, earth pits all civil work, obtaining NOC from PESO Faridabad.

Successful bidder is to submit lay out plan drawing, GFC Drawing , working drawing and as build drawing and Performance guarantee, within 10 days from issue of work order,

After installation of tank and civil work, paver tiles are to be laid all over yard diesel yard.

## FINANCIAL BID

**Tender Enquiry No :-** RCB/04-02/103/NIT-20/2021-22

**Name of Supply:** Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad

### **Schedule of Work**

S. No.	Items	Unit	Qty
1	Design, Supplying, Installation, Testing and Commissioning of M.S Tank Size : 5500 mm long dia 2250 mm 20KL capacity fabricated out of 6mm thick M.S Plate with bracing's inside for providing strength to sheet metal work, complete with all standard apparatus / mountings like manhole of 600mm dia and cover duly hinged, access ladders, lifting lugs, earthing bolts etc. Dish ends of 8mm thick M.S sheet, fuel fill pipe 80mm dia with locking arrangement, vent pipe, outlet pipe Brass dip stick, with calibrator chart (As per IS Code 10987 – 1992 Tank fabricated from MS sheet of 6mm thickness and two level indicators. The tank shall be duly painted with two coats of tank mastic and two coats of Tar Plastic paints outside of tank and any other treatment required for corrosioin resistance as per stander practice and requirement. Tank shall be provided with level switches High / Low with required electrical wiring,,control and control gears. The rates quoted shall be complete with connected civil work including excavation, half round RCC foundation as required, completes with foundation bolts and strappings duly anchored to foundations, sand fill, disposal of surplus earth, debris as required for installation of tank including firefighting system, security fencing, etc. as required liassioning and obtaining explosive Certificate from PESO with concerned Govt. Authorities and NOC from D.M (DC) and local Authorities getting permission shall be contractors responsibility. Tank to be hydraulically tested to meet requisite standard / 3m water columns head whichever is higher. Certificate to the above affect is required . Any other functional requirement as per site condition shall also deem to have been included in the scope of this item.	Set	1

Total Rupees in words -----

Signature and seal of authorized signatory of agency/bidder



## AUTHORIZATION LETTER

We \_\_\_\_\_ (name of the bidder) hereby authorize Shri / Smt. \_\_\_\_\_

(name of the authorized person) to sign and submit the bid to RCB, Faridabad against their tender No. RCB/04-02/103/NIT-20/2021-22 Date:

Shri / Smt. \_\_\_\_\_ (name) is also authorized to negotiate the terms and conditions pertaining to the said tender on behalf of M/s \_\_\_\_\_ (name of bidder). The specimen signature of Shri / Smt. \_\_\_\_\_ (name) is appended below.

Specimen Signature:

Name:

The undersigned is authorized to delegate the authority on behalf of M/s \_\_\_\_\_ (name of bidder), as stipulated above.

For \_\_\_\_\_  
(name of bidder)

## UNDERTAKING – YEARS OF EXPERIENCE

**Tender No.** \_ RCB/04-02/103/NIT-20/2021-22

**Due for opening on:**.....

**Name of the Service :** Design, Fabrication, Supply, Installation, Testing and Commissioning (DFSIT&C) of Underground High Speed Diesel MS Tank 20 KL capacity including civil work at ESS Diesel yard, NCR Biotech Science Cluster, Faridabad

I/ We M/s \_\_\_\_\_ hereby declare that:

1. Our agency has been in business for a period of at least .....years in Operation & Annual Maintenance Contract Services for which the quotation/ tender are submitted.

2. We have served in similar works i.e. **DFSIT&C Underground HSD Tank** in Govt./institutes/PSU or private corporate sector with over (employees, students, etc.) in the last ..... years as stated in relevant annexure.

3. We will be able to arrange for the required man power, material, machine and other resources for supply of resources as per the tender term within **scheduled time** of award of tender **(A/T)/Letter of intent (LOI)**.

4. We declare that we have necessary support of OEM for intended supplied make of **20 KL capacity Underground HSD Tank\_**.

**Signature of the Bidder**

**Name & Address with stamp**

## **UNDERTAKING**

**Tender Enquiry No :-** RCB/04-02/103/NIT-20/2021-22

**Due for opening on:**

I/ We M/s \_\_\_\_\_ hereby declare that:

1. I/ we am/are agency engaged in business of equipment and, have examined the above mentioned tender document including amendment/ corrigendum (if any) the receipt of which is hereby confirmed.
2. I/ we do hereby offer to RCB at NCR Biotech Science Cluster at the prices and rates mentioned in the price bid.
3. I/we do hereby agree to provide to abide by the minimum wages act of Haryana.
4. I/we have quoted rates inclusive of all statutory taxes, charges & compliances i.e.EPF, ESI etc. as applicable.
5. I/ we agree to abide by my/our offer for a period of 180 days from the date of opening of the tender.
6. I/ we have carefully read and understood all the Terms and Conditions of the Tender and shall abide by them.
7. I/we agree for the all clauses and payment terms and conditions of this tender enquiry. In case any condition put forth by us is against the terms and conditions of tender, the same shall be treated as to be having no affect whatsoever and that the tender terms and conditions shall only prevail upon such conditions, if any.
8. I/ we have necessary licenses/ authorizations for providing the Operation & Maintenance of HVAC System and/or obtain the same at my/our costs and expenses as and when required.
9. I/ we also declare that in case of change constitution of our firm or for any other change, merger, dissolution, insolvency etc. the same shall be immediately brought to the notice of client, in such case continuing partner, successor or administrator or permitted assign shall be responsible for discharging all the liabilities under this contract/ tender.
10. The tender document has been downloaded from the official website i.e. [www.rcb.res.in](http://www.rcb.res.in), [www.thsti.res.in](http://www.thsti.res.in), for bidding purpose and is a true copy of the original.
11. Our firm or any other firm with similar type of operation with same or some/one of the partners/proprietors being same as of the tendering firm has not been black listed by any Government/ private institution except as per the following details: -  
(If there is any case please attach the details of the same)
12. I/we also certify that that there is no vigilance/ CBI case pending against the firm/supplier/ or any other firm with similar type of operation with same or some/one of the proprietors being same as of the tendering firm except as per the following details: -  
(If there is any case please attach the details of the same)
13. I/we also certify that there is no pending case for payment/ civil liability pending against us in any of the courts except as per the following details: -  
(If there is any case please attach the details of the same)

**Signature of the Bidder**  
**Name & Address with stamp**