

	<p>भारतीय प्रौद्योगिकीसंस्थानमद्रासचेनै 600 036 INDIAN INSTITUTE OF TECHNOLOGY MADRAS Chennai 600 036 भंडार एवं क्रय अनुभाग STORES & PURCHASE SECTION Email: adstores@iitm.ac.in दूरभाष: (044) 2257 8285 / 8287 / 8288 / 8290 फ़ैक्स: (044) 2257 8082 Telephone : (044) 2257 8285/8287/8288/8290 FAX: (044) 2257 8082 GSTIN: 33AAAAI3615G1Z6</p>	
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P.K. SHEBA SABARI

Assistant Registrar (Stores & Purchase)

Date: 13.02.2024

Tender No. IITM/SPS/ Compressor Drier and Storage tanks Including Foundation /021/2023-24/SPL

Due Date: 04.03.2024

Before 02.00 p.m.

Dear Sirs,

On behalf of the Indian Institute of Technology Madras, Tenders are invited in two bid system, namely technical and financial bids for:

Supply and installation of Compressor, Drier and Storage tanks Including Foundation

Conforming to the specifications enclosed.

Tender Documents may be downloaded from Central Public Procurement Portal <https://etenders.gov.in/eprocure/app>. Aspiring Bidders who have not enrolled / registered in e-procurement should enroll/register before participating through the website <https://etenders.gov.in/eprocure/app>. The portal enrolment is free of cost. Bidders are advised to go through instructions provided at "Help for contractors". [Special instructions to the bidders for the e-submission of the bids online through this e-Procurement Portal"].

Tenderers can access tender documents on the website (For searching in the NIC site, kindly go to Tender Search option and type 'IIT'. Thereafter, Click on "GO" button to view all IIT Madras tenders). Select the appropriate tender and fill them with all relevant information and submit the completed tender document online on the website <https://etenders.gov.in/eprocure/app> as per the schedule attached.

No manual bids will be accepted. All tender documents including Bidder Eligibility Criteria, Technical and Financial bids should be submitted in the E-procurement portal.

1	LAST DATE for receipt of Tender	:	04.03.2024 before 02.00 p.m.
1	Pre-bid meeting	:	The Pre-bid Meeting will be conducted via Google Meet on 16.02.2024 @ 03:00 p.m. Please see the below link to join the meeting https://meet.google.com/xjq-vxwz-apm Prospective bidders are requested to register their participation by sending an email to adstores@iitm.ac.in , with name/designation of the representative who will attend the meeting along with queries on or before 15.02.2024
	Date & Time of opening of Tender	:	05.03.2024 @ 03.00 p.m.

GUIDELINES FOR TENDER SUBMISSION IN CENTRAL PUBLIC PROCUREMENT PORTAL (E-PROCUREMENT MODE)

A	निविदा की प्रस्तुति /Submission of Tender	:	<ul style="list-style-type: none"> As per the directives of Department of Expenditure, this tender document has been published on the Central Public Procurement Portal URL: https://etenders.gov.in/eprocure/app The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on
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		<p>the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal</p> <ul style="list-style-type: none"> • More information useful for submitting online bids on the CPP Portal may be obtained at: https://etenders.gov.in/eprocure/app • All tender documents including Technical Bid & Financial Bid should be submitted separately in online CPP portal as per the specified format only. Right is reserved to ignore any tender which fails to comply with the above instructions. No manual bid submission will be entertained.
B	ऑनलाइन बोली जमा के अनुदेश / Instructions for online bid submission	<p>REGISTRATION</p> <ul style="list-style-type: none"> • Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal URL: https://etenders.gov.in/eprocure/app by clicking on “Online Bidder Enrolment”. Enrolment on the CPP Portal is free of charge. • As part of the enrolment process, the bidders will be required 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 CPP Portal. • Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class II or Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g.Sify/TCS/nCode/eMudhra and etc.)https://eprocure.gov.in/eprocure/app 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. • Bidder then may log in to the site through the secured log-in by entering their user ID / password and the password of the DSC / eToken.
C	निविदा दस्तावेज़ की खोज / Searching for tender documents	<ul style="list-style-type: none"> • There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, organization name, location, date, value, etc. 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 CPP Portal. • 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 Tender” folder. This would enable the CPP Portal to intimate the bidders through SMS / email in case there is any corrigendum issued to the tender document. • 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.

D	बोली की तैयारी / Preparation of bids	<p>:</p> <ul style="list-style-type: none"> • 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 prepare the bid documents to be submitted as indicated in the tender document / schedule and generally shall be in PDF / XLS formats as the case may be. Bid documents may be scanned with 100 dpi with black and white option. • To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, GSTIN Details, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use “My Documents” area available to them to upload such documents. These documents may be directly submitted from the “My Documents” area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.
E	बोली की प्रस्तुति / Submission of bids	<p>:</p> <ul style="list-style-type: none"> • Bidder should log into the site well in advance for bid submission so that he/she can upload the bid in time i.e. on or before the bid submission date and time. Bidder will be responsible for any delay due to other issues. • The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document. • A standard BOQ format has been provided in Annexure-C with the tender document to be filled by all the bidders. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. Bidders are required to download the BOQ file, open it and complete the detail with their respective financial quotes and other details (such as name of the bidder). If the BOQ file is found to be modified by the bidder, the bid will be rejected. • 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. • The Tender Inviting Authority (TIA) will not be held responsible for any sort of delay or the difficulties faced during the submission of bids online by the bidders due to local issues. • The uploaded tender documents become readable only after the tender opening by the authorized bid openers. • 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. • Kindly add scanned PDF of all relevant documents in a single PDF file of compliance sheet.

F	बोलीदाताओं के लिए सहायता /Assistance to bidders	: <ul style="list-style-type: none"> 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. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk. The contact number for the helpdesk is [0120-4200462, 0120-4001002, 0120-4001005]
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G	बोलीदाताओं के लिए सामान्य अनुदेश /General Instructions to the Bidders	: <ul style="list-style-type: none"> The tenders will be received online through portal https://etenders.gov.in/e procure/app. In the Technical Bids, the bidders are required to upload all the documents in single pdf file. Possession of a Valid Class II/III Digital Signature Certificate (DSC) in the form of smart card/e-token in the company's name is a prerequisite for registration and participating in the bid submission activities through https://etenders.gov.in/e procure/app Digital Signature Certificates can be obtained from the authorized certifying agencies, details of which are available in the web site https://etenders.gov.in/e procure/app under the "Information about DSC".
H	बयाना जमा / (ईएमडी) Earnest Money Deposit (EMD)	: <ol style="list-style-type: none"> EMD of INR 2,16,000/- (Rupees Two lakhs sixteen thousand only) should be transferred through NEFT/RTGS to the following bank account on or before due date 04.03.2024 before 2:00 p.m. Name : Registrar IIT Madras Bank : State Bank of India Account No. : 10620824305 Branch : IIT MADRAS IFSC CODE : SBIN0001055 The EMD will be returned to unsuccessful Bidder(s), after finalization of the tender. The EMD shall be forfeited if any Bidder withdraws the offer before finalization of the tender. The EMD amount should not be sent through DD. Non-submission of EMD details on or before the due date and time will result in rejection of the e-bid. As per Rule 170 of GFR 2017, exemption of EMD will be given subject to submission of undertaking by the firm seeking such exemption. Copies of relevant orders/ documents regarding such exemption should be submitted along with the tender document The successful bidder shall submit a Performance Guarantee of 3% of the bid amount in the form of Demand Draft/FDR/BG/Insurance Bond in favour of "The Registrar, IIT Madras" to be obtained from any commercial bank within 14 (fourteen) days from the date of issue of Order by IIT Madras, which shall be released on expiry/termination of the contract after adjustment of dues, if any without any interest. In case of successful bidder, the EMD will be adjusted towards the Performance Security Deposit on request. The amount of EMD is liable to be forfeited, if the bidder withdraws from the offer after submission of the tender or after the acceptance of the offer and fails to remit the Performance Security Deposit.
J	तकनीकी बोली पर मार्किंग / Marking on Technical Bid	: <ol style="list-style-type: none"> The Bidder Eligibility Criteria – I & II, technical specification of the item for this tender is given in Annexure A. The Bidders shall go through the bidder eligibility criteria, technical specification and

		<p>submit the technical bid in the proforma given in Annexure B in the tender document along with the supporting documents.</p> <p>ii. The Technical bid should be submitted in pdf format only through online (e-tender). No manual submission of bid will be entertained.</p> <p>iii. The technical bid should have the page-wise heading as “Technical Bid” and page no. in all pages with seal and signature of authorized signatory. The total no. of pages should be mentioned at the last page of the documents.</p> <p>iv. The technical bid should consist of</p> <p>a) Document proof for EMD payment</p> <p>b) Technical Compliance sheet as per proforma given in Annexure -B</p> <p>c) Document proof for Bidder eligibility criteria I & II, technical details along with catalogue / brochure and other technical, commercial terms and conditions.</p>
K	वित्तीय बोली पर मार्किंग /Marking on Financial Bid	: Financial bid (BOQ) should be submitted in the prescribed format given in Annexure- C in xls format through e-tender only. No manual or other form of submission of Financial Bid will be entertained.

निविदा के निबंधन व शर्तें /TERMS AND CONDITIONS OF TENDER	
1.	<p>निविदा की तैयारी /Preparation of Tender:</p> <ul style="list-style-type: none"> The bids should be submitted through online only in two bid system i.e. Technical Bid and Financial Bid separately. The bidder has to submit the tender document duly signed on all pages by an authorized person and his / her full name and status shall be indicated below the signature along with official seal/stamp of the firm. Submission of wrong / forged information / document will be liable to legal action, and rejection of the bid submitted by the firm. The bids of the agency/firm/company not in possession of valid statutory license / registrations are liable for rejection. If any relative of the bidder is an employee of the IIT Madras, the name, designation and relationship of such employee shall be intimated to the Registrar, IIT Madras in writing while submitting the bid. No bidder will be allowed to withdraw / alter / modify the bid during the bid validity period.
2.	<p>निविदा पर हस्ताक्षर /Signing of Tender:</p> <ul style="list-style-type: none"> The Tender is liable to be rejected if complete information is not given therein or if the particulars and date (if any) asked for in the schedule to the Tender are not fully filled in or not duly signed/authenticated. Specific attention is drawn to the delivery dates and terms and conditions enclosed herewith. Each page of the bids required to be signed and bears the official seal of the Bidders. If the bid is submitted by a firm in partnership, it shall be signed (with seal) by all the partners of the firm above their full typewritten names and current addresses or alternatively by a partner holding power of attorney for the firm in which case a certified copy of the power of attorney shall accompany the application. A certified copy of the partnership deed along with current addresses of all the partners of the firm shall also accompany the application. If a limited company or a corporation makes the application, it shall be signed by a duly authorized person holding power of attorney for signing the application, in which case a certified copy of the power of attorney shall accompany the application. Such limited company or corporation may be required to furnish satisfactory evidence of its existence. The bidder

	shall also furnish a copy of the Memorandum of Articles of association duly attested by a Notary Public.
3.	<p>वह अवधि जिसके लिए ऑफर खुला रहेगा / Period for which the offer will remain open:</p> <ul style="list-style-type: none"> The Tender shall remain open for acceptance/validity till: 120 days from the date of opening of the tender. However, the day up to which the offer is to remain open being declared closed holiday for the Indian Institute of Technology Madras, the offer shall remain open for acceptance till the next working day.
4.	<p>कीमत / Prices:</p> <ul style="list-style-type: none"> The prices quoted should include Transport, loading, unloading at the site, erection (necessary foundation), commissioning, electrical cabling, handing over of the equipment, and training of our personnel and any additional charges like packaging, freight, insurance, interconnecting piping, etc. All conditional tenders will be summarily rejected. Quote should be in INR.
5.	भुगतान टर्म्स / Payment terms : 30 % Advance Payment & balance after successful installation, commissioning and demonstration.
6.	सुपूर्दगी / Delivery: The delivery period shall be within 12-16 weeks for supply and installation.
7.	वारंटी / Warranty: Minimum 1 year of standard warranty from date of installation.
8.	संस्थापन/ Installation / Supply: Supply and installation of compressor, drier, storage tanks with inter-connecting piping including foundation..
9.	<p>निबंधन व शर्तें / Terms and Conditions:</p> <ul style="list-style-type: none"> Failure to comply with any of the instructions stated in this document or offering unsatisfactory explanations for non-compliance will likely to lead to rejection of offers.
10.	<p>स्वीकृति का अधिकार / Right of Acceptance:</p> <ul style="list-style-type: none"> IIT Madras reserves the right to reject the whole or any part of the Tender without assigning any reason or to accept them in part or full.
11.	<p>स्वीकृति की सूचना / Communication of Acceptance:</p> <ul style="list-style-type: none"> Letter of Intimation and acceptance will be communicated by post /email to the successful bidder to the address indicated in the bid.
12.	<ul style="list-style-type: none"> All information including selection and rejection of technical or financial bids of the prospective bidders will be communicated through CPP portal. In terms of Rule 173(iv) of General Financial Rule 2017, the bidder shall be at liberty to question the bidding conditions, bidding process and/or rejection of bids.
13.	<p>बोलीदाता को इस निविदा के साथ जमा करना होगा / Bidder shall submit along with this Tender: Name and full address of the Banker and their swift code and PAN No. and GSTIN number.</p>
14.	<p>क्षेत्राधिकार / Jurisdiction:</p> <ul style="list-style-type: none"> All questions, disputes, or differences arising under, out of or in connection with the contract, if concluded, shall be subject to the exclusive jurisdiction at the place from which the acceptance of Tender is issued.
15.	<p>जुर्माना & परिसमापन क्षति / Penalty & Liquidated Damages / Force Majeure:</p> <ul style="list-style-type: none"> If the selected Bidder fails to complete the due performance of the contract in accordance with the terms and conditions, Institute reserves the right either to cancel the contract or to accept performance already made by the selected Bidder after imposing Penalty on Selected Bidder. A penalty will be calculated on a per week basis and on the same Rate as applicable to Liquidated Damages (LD). In case of termination of the contract, Institute reserves the right to recover an amount equal to 5% of the Contract value as Liquidated Damages for non-performance. Both Penalty and Liquidated Damages are independent of each other and are applied separately and concurrently. Penalty and LD are not applicable for reasons attributable to the Institute and Force Majeure. However, it is the responsibility of the selected Bidder to prove that the delay is attributable to the Institute and Force Majeure. The selected Bidder shall

	submit the proof authenticated by the Bidder and Institute's official that the delay is attributed to the Institute and/or Force Majeure along with the bills requesting payment.
16.	<ul style="list-style-type: none"> The bidder shall certify that the tender document submitted by him / her are of the same replica of the tender document as published by IIT Madras and no corrections, additions and alterations made to the same. If any deviation found in the same at any stage and date, the bid / contract will be rejected / terminated and actions will be initiated as per the terms and conditions.
17.	<ul style="list-style-type: none"> The bidder shall study the tender document, Scope of work, Eligibility criteria I & II, and technical specification in detail as given in Annexure A before submitting the bid.
18.	<p>बोलीदाता पात्रता मानदंड / Bidder Eligibility CRITERIA:</p> <p>Eligibility Criteria - I</p> <ol style="list-style-type: none"> The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration shall be submitted with the bid as per format given in Annexure – D. Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per Annexure – E. <p>Eligibility Criteria - II</p> <ol style="list-style-type: none"> Neither the tender participating firm nor any of its partner has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in Annexure – F. The bidder should be an OEM or authorized supplier of OEM. Necessary OEM certificate / OEM authorization letter for this particular tender should be submitted by the bidder as given in Annexure-G. The firm must have an aggregate financial turnover of at least Rs.56 Lakhs in the last 5 years i.e.2017-18,2018-19,2019-20, 2020-21 and 2021-22 (Should enclose the audited financial statement signed by the Chartered Accountant) The firm should have executed minimum 3 orders in the last 5 financial years for supply of Compressor, Direr and storage tank including foundation (similar to the tendered item) to the reputed Institutions like IIT/NIT/ Central or State Government / Central Research Labs/R&D Units. Document proof of purchase order should be submitted and also the list of similar instruments supplied including contact details (name of the person-in-charge, email, and phone number) should be provided. <ol style="list-style-type: none"> Three (3) similar contracts each costing not less than Rs. 28.8 Lakhs; (Or) Two (2) similar contracts each costing not less Rs. 43.2 Lakhs; (Or) One (1) similar contracts not costing less than Rs. 57.6 Lakhs; Of the above work, atleast one contract should be in Govt. Institutions <p>Copies of the document listed below should be submitted as a proof for the above work experience:</p> <ol style="list-style-type: none"> Work Order Work Completion Certificate/or User performance Certificate from End User
19.	<p>बोलियों की संख्या और उनका प्रस्तुतीकरण / Number of Bids and their Submission:</p> <p>Bids should be submitted in CPP portal. Two bid system should be followed as detailed below:</p> <p>Bid I Technical Bid</p>

	<ul style="list-style-type: none"> The bidder should go through the bidder eligibility criteria and technical specification given in Annexure-A of the tender document, understand the requirement of IITM and submit their technical bid along with all relevant document proof in the proforma given in Annexure-B. Any tender documents without these shall be invalid and rejected. The technical bid should consist of proof of EMD transfer, Bidder Eligibility Criteria – I & II, Technical specification and compliance sheet (proforma given in Annexure – B) along with all relevant documents proof. <p>Bid II Financial Bid</p> <ul style="list-style-type: none"> The financial bid should be submitted as per the proforma (Annexure C). The Quoted price should include transport, loading, unloading at the site, erection (necessary foundation), commissioning, electrical cabling, handing over of the equipment, and training of our personnel and any additional charges like packaging, freight, insurance, interconnecting piping, etc, inclusive of all cost at IIT Madras.
20.	<p>बोलियों का मूल्यांकन / Evaluation of Bids: Bid Evaluation will take place in two stages.</p> <p>Stage I: Technical Bid evaluation:</p> <ol style="list-style-type: none"> In the stage –I, Bidder will be evaluated first for conformity with bidder Eligibility Criteria – I & II and those bidders who have complied with Bidder Eligibility Criteria will alone be evaluated further for technical specifications. Only those bidders who have fully complied Bidder Eligibility Criteria for I & II and Technical Specification will only be considered for opening of financial bid. <p>Stage II: Financial Bid Evaluation:</p> <ol style="list-style-type: none"> The Lowest financial bid among those who have qualified in the technical bid will be declared as successful bidder (L1) and order will be awarded to the successful bidder (L1). The optional item for AMC will not be taken for L1 evaluation.
21.	<p>सफल बोलीदाता का चयन और आदेश प्रदान करना / Selection of successful bidder and Award of Order:</p> <ul style="list-style-type: none"> The order will be directly awarded to the technically qualified bidder as per the condition in para 3A of DIPP, MoCI Order No. 45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein.
22.	<ul style="list-style-type: none"> The bidders will not be entertained to participate in opening of Bids. Since the tender is e-tender, the opening of the bids may be checked using the respective logins of the bidders.
23.	<ul style="list-style-type: none"> The pre-bid meetings will be conducted through online. Bidders can submit their queries and doubts to the email id: adstores@iitm.ac.in till the date of the online pre-bid meeting 15.02.2024. Clarification to the queries and doubts raised by the bidders will be issued as a corrigendum/addendum in the e-tenders portal and Institute Website (tenders.iitm.ac.in). For the bidders, submitting bids on downloaded tender document, it is 'bidders' responsibility to check for any amendment/corrigendum on the website of IIT Madras or check for the same CPP Portal before submitting their duly completed bids.

Sd/-
Assistant Registrar
Stores & Purchase

SCOPE OF WORK

	Vendor's Scope	IIT Scope
Cost	<ul style="list-style-type: none"> The quotation price includes packaging, freight (and insurance), unloading, and installing the components at the site in IIT Madras. 	-
Electrical	<ul style="list-style-type: none"> The cabling from the power supply to the components (compressor and dryer) is vendor's responsibility. 	<ul style="list-style-type: none"> IIT will provide the necessary power supply.
Plumbing	<ul style="list-style-type: none"> Interconnecting pipelines for the compressor, dryer and storage tank are vendor's responsibility. The vendor has to provide a 15-bar pressure gauge (6 inches) at the outlet of the air storage tank. 	-
Foundation	<ul style="list-style-type: none"> The vendor has to provide necessary concrete platform, foundation, water and power and grouting if any. 	-

Special terms and Conditions:-

- The successful bidder shall see the compressor foot print drawing at annexure-H an the site can visited on any working day from till 15.02.2024 the site and take the measurements of the existing room before proceeding for supply/ installation/ foundation
- All unwanted waste materials generated during delivery shall be taken out of IITM campus at free of cost.
- The work shall be carried out with least hindrance to the adjoining buildings and offices and the supplier will be responsible for any damage, caused to the existing fixtures, painting, flooring, furniture etc. in the course of delivery, stacking and shall be made good for which nothing extra shall be payable.
- The material wrappers during delivery shall be removed from IITM after delivery/ shifting. The waste materials shall be disposed out of IITM. No extra cost shall be paid for the same.
- Any damage that occurs during the delivery/installation to any part of the item for any reasons due to rain, storm or neglect of supplier shall be rectified/replaced by the bidder by them in an approved manner at no extra cost.

ACKNOWLEDGEMENT

It is hereby acknowledged that I/We have gone through all the points listed under “**Specification and Terms and Conditions**” of tender document, the same is abided and agreed to be executed. In case, if any of the information furnished by me/us is found false, I/We are fully aware that the tender /contract will be rejected / cancelled by IIT Madras and EMD shall be forfeited.

**Signature of the Bidder Name &
Address of the Bidder with Office
Stamp**

SCHEDULE OF TENDER

Supply and installation of Compressor, Drier and Storage tanks Including Foundation

Tender No. IITM/SPS/Compressor, Drier and Storage tanks Including Foundation/021/2023-24/SPL

Name of Organization	Indian Institute of Technology Madras
Tender Type (Open/Limited/EOI/Auction/Single)	OPEN
Tender Category (Services/Goods/Works)	Goods
Type/Form of Contract (Work/Supply/Auction/ Service/ Buy/ Empanelment/ Sell)	Supply
Name of the Supply	Supply and installation of Compressor, Drier and Storage tanks Including Foundation
Source of Fund (Institute/Project)	IIT Madras
Is Multi Currency Allowed	No
Date of Issue/Publishing	13.02.2024
Document Download Start Date	13.02.2024
Document Download End Date	04.03.2024
Prebid Meeting via Google Meet	16.02.2024 @ 03.00 p.m.
Bid Submission Start Date	27.02.2024
Last Date and Time for Uploading of Bids	04.03.2024@ 02.00 p.m.
Date and Time of Tender Opening	05.03.2024 @ 03.00 p.m.
No. of Covers (1/2/3/4)	2
Bid Validity days (180/120/90/60/30)	120 Days
Address for Communication	<p><u>For Technical Queries:</u> Prof. K.Srinivasan Professor, Department of Mechanical Engineering IIT Madras Chennai - 600 036. Phone No: 044- 2257-4703 Email: ksri@iitm.ac.in</p> <p><u>For General Queries:</u> The Assistant Registrar Stores & Purchase Section IIT Madras Chennai – 600 036 Number 044-2257 8287, Email: adstores@iitm.ac.in.</p>
Contact No.	For Queries: 044- 2257 8287/8288/8285/8290.

Technical Specification

Supply and installation of Compressor, Drier and Storage tanks Including Foundation

Tender No. IITM/SPS/ Compressor, Drier and Storage tanks Including Foundation/021/2023-24/SPL

BIDDER ELIGIBILITY CRITERIA: I

- 1) The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration shall be submitted with the bid as per format given in Annexure – D.
- 2) Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per Annexure – E.

BIDDER ELIGIBILITY CRITERIA: II

- 1) Neither the tender participating firm nor any of its partner has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is **pending** against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in **Annexure – F**.
- 2) The bidder should be an OEM or authorized supplier of OEM. Necessary OEM certificate /OEM authorization letter for this particular tender should be submitted by the bidder as given in **Annexure-G**.
- 3) The firm must have an aggregate financial turnover of at least Rs.56 lakhs in the last 5 years i.e. 2017-18,2018-19,2019-20,2020-21 and 2021-22 (Should enclose the audited financial statement signed by the Chartered Accountant)
- 4) The firm should have executed minimum 3 orders in the last 5 financial years for supply of Compressor and construction of storage tank (similar to the tendered item) to the reputed Institutions like IIT/NIT/ Central or State Government / Central Research Labs/R&D Units . Document proof of purchase order should be submitted and also the list of similar instruments supplied including contact details (name of the person-in-charge, email, and phone number) should be provided.
 - i. Three (3) similar contracts each costing not less than Rs. 28.8 Lakhs; (Or)
 - ii. Two (2) similar contracts each costing not less Rs. 43.2 Lakhs; (Or)
 - iii. One (1) similar contract not costing less than Rs. 57.6 Lakhs;

Of the above work, atleast one contract should be in Govt. Institutions.

Copy of the Document listed below should be submitted as a proof for the above work experience:

- b. Work order.
- c. Work completion Certificate/ or user performance certificate from End user.

TECHNICAL SPECIFICATION:

Sr. No.	Technical Specifications	
I	Supply and installation of Compressor, Drier and Storage tanks Including Foundation:	
a	Compressor	Air-cooled screw compressor of capacity at least 600 CFM and at least 10 bar pressure along with soft starter.
b	Air dryer	A suitable refrigerated air dryer with PDP (Pressure dew point) around 3 to 5 °C.
c	Air Storage tanks	Two vertical storage tanks, each capacity 15m ³ for storing 10 bar pressure as per safety standards ASME section VIII Div 1 or IS 2825 from an authorised third party.
d	Filters	General Purpose filters for dust (< 1 Microns), oil, and liquid aerosol removal (<0.1 mg/m ³) with pressure drop (<0.1 bar).
e	Plumbing	Required plumbing connecting the compressor, storage tanks, and dryer.
f	Electrical Cabling	The necessary electrical cabling upto the terminal of the Compressor and drier required for operation in the plant room should be included.
g	Pipeline	a) The Compressor and piping should be tested for desired pressure and flow rate as per relevant standard. b) Compatible pipe lines between compressor dryer and tanks should be tested for relevant standard.

ANNEXURE – B

PROFORMA FOR TECHNICAL COMPLIANCE SHEET

**Tender No. IITM/SPS/ Compressor, Drier and Storage tanks Including Foundation/021/2023-24/SPL
Supply and installation of Compressor, Drier and Storage tanks Including Foundation**

BIDDER ELIGIBILITY CRITERIA - I

Sl. No.		Compliance (Yes / No)	Reference Page No.
1	The bidder shall not be from a country sharing land border with India and if the bidder is from a country sharing land border with India the bidder should have been registered with the competent authority as per orders of DIPP OM No. F. No. 6/18/2019-PPD dated 23rd July 2020, and MoCI Order No. P-45021/112/2020-PP (BE II) (E-43780) dated 24th August 2020. A declaration shall be submitted with the bid as per format given in Annexure – D.		
2	Only 'Class-I local suppliers' and 'Class-II local suppliers', as defined under DIPP, MoCI Order No. P-45021/2/2017-PP (BE II) dated 16 th September 2020 and other subsequent orders issued therein, shall be eligible to bid in this tender. Declaration for Class-I / Class-II local suppliers should be submitted in the prescribed proforma format as per Annexure – E.		

BIDDER ELIGIBILITY CRITERIA - II

Sl. No.		Compliance (Yes / No)	Reference Page No.
1	Neither the tender participating firm nor any of its partner has been blacklisted / debarred /involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police. A self-declaration format given in Annexure – F.		
2	The bidder should be an OEM or authorized supplier of OEM. Necessary OEM certificate / OEM authorization letter for this particular tender should be submitted by the bidder as given in Annexure-G.		
3	The firm must have an aggregate financial turnover of at least Rs.56 lakhs in the last 5 years i.e. 2017-18,2018-19,2019-20,2020-21 and 2021-22 (Should enclose the audited financial statement signed by the Chartered Accountant)		
4	<p>The firm should have executed minimum 3 orders in the last 5 financial years for supply of Compressor and construction of storage tank (similar to the tendered item) to the reputed Institutions like IIT/NIT/ Central or State Government / Central Research Labs / R&D units. Document proof of purchase order should be submitted and also the list of similar instruments supplied including contact details (name of the person-in-charge, email, and phone number) should be provided.</p> <p>i Three (3) similar contracts each costing not less than Rs. 28.8 Lakhs; (Or) ii. Two (2) similar contracts each costing not less Rs. 43.2 Lakhs; (Or) iii. One (1) similar contract not costing less than Rs. 57.6 Lakhs</p> <p>Of the above work, atleast one contract should be in Govt. Institutions</p> <p>Copy of the Document listed below should be submitted as a proof for the above work experience:</p> <p>a. Work order. b. Work completion Certificate/ or user performance certificate from End user.</p>		

TECHNICAL SPECIFICATION

Sl. No.	Technical Specifications	Range	Compliance (Yes/No)	Ref. Page No.
I	Supply and installation of Compressor, Drier and Storage tanks Including Foundation			
a	Compressor	Air-cooled screw compressor of capacity at least 600 CFM and at least 10 bar pressure along with soft starter.		
b	Air dryer	A suitable refrigerated air dryer with PDP (Pressure dew point) around 3 to 5 °C.		
c	Air storage tanks	Two vertical storage tanks, each capacity 15m ³ for storing 10 bar pressure as per safety standards ASME section VIII Div 1 or IS 2825.		
d	Filters	General Purpose filters for dust (< 1 Microns), oil, and liquid aerosol removal (<0.1 mg/m ³) with pressure drop (<0.1 bar).		
e	Plumbing	Required plumbing connecting the compressor, storage tanks, and dryer.		
f	Electrical Cabling	The necessary electrical cabling upto the terminal of the Compressor and Drier required for operation in the plant room should be included.		
g	Pipeline	a) The Compressor and piping should be tested for desired pressure and flow rate.as per relevant standard. b) Compatible pipe lines between compressor dryer and tanks should be tested for relevant standard.		

** Reference page number is mandatory and should be mentioned in the technical compliance*

**SIGNATURE OF TENDERER ALONG WITH
SEAL OF THE COMPANY WITH DATE**

PROFORMA FOR FINANCIAL BID (BoQ)

Tender No. IITM/SPS/ Compressor, Drier and Storage tanks Including Foundation/021/2023-24/SPL

Supply and installation of Compressor, Drier and Storage tanks Including Foundation

Sl. No.	Item Description	Unit	Qty	Rate per Unit	Total cost (without GST)	GST in %	Total value incl. of GST
1	Supply and Installation Of Compressor, Drier and Storage Tanks With Inter-Connecting Piping Including Foundation. as per technical specification in Annexure-A	No.	1			ENTER AND SUBMIT THE FINANCIAL BID IN THE CPP (e-PROCUREMENT POTAL)	
2	AMC of all the equipment for a period of 5 years after the standard warranty						
	<u>AMC for Percentage :-</u>		cost			ENTER AND SUBMIT THE FINANCIAL BID IN THE CPP (e-PROCUREMENT POTAL)	Total value Incl. of GST
	a) 1 st Year						
	b) 2 nd Year						
	c) 3 rd Year						
	d) 4 th Year						
	e) 5 th Year						

- Note The prices quoted should include Transport, loading, unloading at the site, erection (necessary foundation), commissioning, electrical cabling, handing over of the equipment, and training of our personnel and any additional charges like packaging, freight, insurance, interconnecting piping, etc.

The financial bid evaluation will be based on price quoted by the bidder in financial bid (BoQ) for SI No.1 viz. Supply and installation of Compressor, Drier and Storage tanks including Foundation will alone be taken up for arrival of lowest bid (L1) value. SI No.2 Optional item will not be taken for financial bid evaluation.

**SIGNATURE OF TENDERER ALONG WITH
SEAL OF THE COMPANY WITH DATE**

(To be given on the letter head of the bidder)

Tender No. IITM/SPS/Compressor, Drier and Storage tanks Including Foundation/021/2023-24/SPL

Dated: _____

CERTIFICATE

(Bidders from India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am not from such a country.

OR

(Bidders from Country which shares a land border with India)

I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and hereby certify that I am from _____ (Name of Country) and have registered with the Competent Authority. I also certify that I fulfil all the requirements in this regard and am eligible to be considered. *(Copy/ evidence of valid registration by the Competent Authority is to be attached)*

Place:

Date:

**Signature of the Bidder
Name & Address of the
Bidder with Office Stamp**

**FORMAT FOR AFFIDAVIT OF SELF-CERTIFICATION UNDER PUBLIC PROCUREMENT POLICY
(PREFERENCE TO MAKE IN INDIA) 2017**

Tender No. IITM/SPS/ Compressor, Drier and Storage tanks Including Foundation

/021/2023-24/SPL

Supply and installation of Compressor, Drier and Storage tanks Including Foundation

Date: _____

I/We _____ S/o, D/o, w/o, _____

Resident of _____

Hereby solemnly affirm and declare as under:

That I will agree to abide by the terms and conditions of the Public Procurement (Preference to Make in India) Policy vide GoI Order no. P-45021/2/2017-PP (B.E.-II) dated 15.06.2017 (subsequently revised vide orders dated 28.05.2018, 29.05.2019 and 04.06.2020) MOCI order No. 45021/2/2017-PP (BE II) Dt.16th September 2020 & P- 45021/102/2019-BE-II-Part (1) (E-50310) Dt.4th March 2021 and any subsequent modifications/Amendments, if any and

That the local content for all inputs which constitute the said item/service/work has been verified by me and I am responsible for the correctness of the claims made therein.

Tick (✓) and Fill the Appropriate Category	
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 50% and come under “Class-I Local Supplier” category.
<input type="checkbox"/>	I/We _____ [name of the supplier] hereby confirm in respect of quoted items that Local Content is equal to or more than 20% but less than 50% and come under “Class-II Local Supplier” category.

The details of the location (s) at which the local value addition is made and the proportionate value of local content in percentage

Percentage of Local content : _____ %**

Location at which value addition done : _____

For and on behalf of..... (Name of firm/entity)

Authorized signatory (To be duly authorized by the Board of Directors)

<Insert Name, Designation and Contact No.>

[Note: In case of procurement for a value in excess of Rs. 10 Crores, the bidders shall provide this certificate from statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.]

This letter should be on the letterhead of the quoting firm and should be signed by a competent authority.

** Services such as transportation, insurance, installation, commissioning, and training and after sales service support like AMC/CMC cannot be claimed as local value addition

(To be given on the letter head of the bidder)

Self-Declaration that the Service Provider has not been Black listed

I S/o

R/o police station District Director

/ Partner/ sole proprietor (Strike out whichever is not applicable) of

..... (Firm or Company) do hereby declare and solemnly affirm:

- I. That the Firm has not been Blacklisted or declared insolvent by any of the Union or State Government / Organization.
- II. That none of the individual / firm / Company Blacklisted or any partners or shareholder thereof has any connection directly or indirectly with or has any subsistence interest in the deponent business / firm company.
- III. That neither the Firm nor any of its partner has been involved / convicted in any criminal case / economic offence nor any criminal case / economic offence is pending against firm or any partner of the Firm before any Court of Law / Police.

Place:

Date:

Signature of the Tenderer

Name & Address of the

Tenderer with Office Stamp

OEM CERTIFICATION FORM

(In Original Letter Head of OEM)

Tender No: Dated:

We are Original Equipment Manufacturers (OEM) of..... (Name of the company)

Ms..... (Name of the vendor) is one of our Distributors/Dealers/Resellers/Partners (tick one) for the and is participating in the above mentioned tender by offering our product model..... (Name of the product with model number).

..... Is authorized to bid, sell and provide service support warranty for our product as mentioned above.

Name and Signature of the authorized

Signatory of OEM along with

Seal of the company with Date

THIS DRAWING IS THE PROPERTY OF THE DESIGN ASSOCIATES INC. AND SHALL NOT BE COPIED OR USED IN ANY MANNER WITHOUT PRIOR PERMISSION.

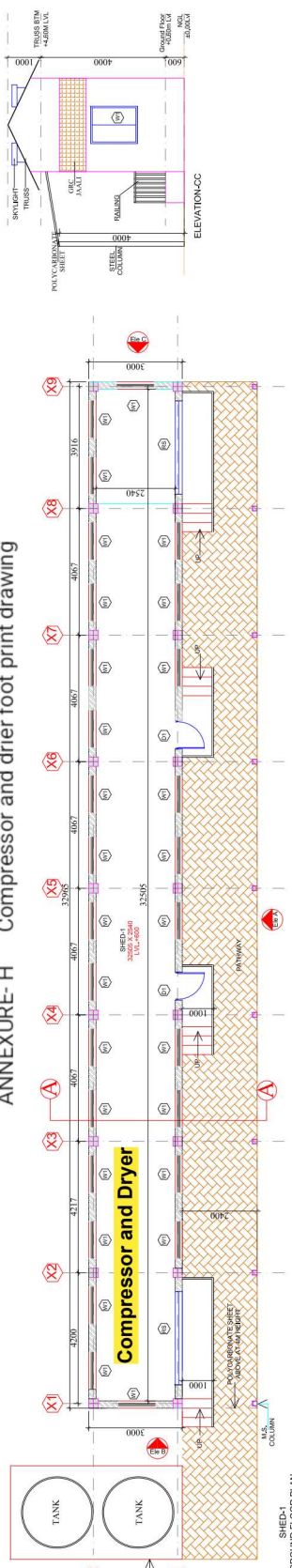
KEY PLAN



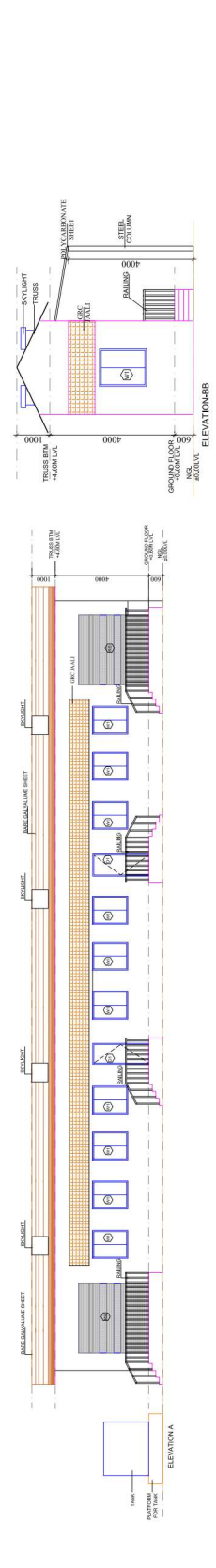
NOTE:
 1. ALL DIMENSIONS ARE IN MM.
 2. ALL DIMENSIONS ARE TO BE READ AND NOT TO BE ASSUMED.
 3. ALL LEVELS ARE IN METERS.
 4. GRID DIMENSIONS AND PLOT LINES ARE TO BE STRICTLY ADHERED TO.
 5. GROUND FLOOR LEVELS, PARAPET HEIGHT, LEVELS, LANDING LEVELS, PARAPET HEIGHT, LEVELS, LEVELS OF HORIZONTAL CURTAIN WALLS, LEVELS OF ROOF CEILING, LEVELS OF ROOF SLAB AND OTHER FEATURES INDICATED IN THE DRAWINGS ARE TO BE STRICTLY ADHERED TO.

MARK	DATE	DESCRIPTION
R0	13/09/2023	TENDER
PLUMBING CONSULTANT - Sivashi Engineers & Consultant		
MECHANICAL CONSULTANT - Sivashi Engineers & Consultant		
ELECTRICAL CONSULTANT - Sivashi Engineers & Consultant		
STRUCTURE CONSULTANT - MADURAA CONSULTANT		
ARCHITECT - DESIGN ASSOCIATES INC. A-163, SECTOR 136 NOIDA, UTTAR PRADESH, 201301, PH - 0120 2465003		
PROJECT - PROPOSED ACADEMIC COMPLEX II AT IIT MADRAS		
DRAWING TITLE - GROUND FLOOR ELEVATIONS & SECTION OF SHED-1&2		
DRAWING PURPOSE - TENDER DRAWING		
JOB NO.	DWG. REF. NO.	DATE
D1100	-----	-----
SCALE -	REVISION -	DATE OF ISSUE -
1:75	R0	13/09/2023
DWG. NO.	D1100/NAC IITD/AR/151	
SHEET NO. -	A1	01
DRAWN BY -	LOKESH	CHECKED BY -
PUNJEET		

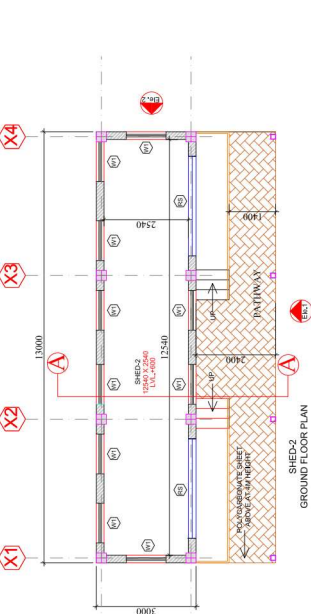
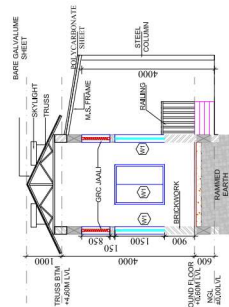
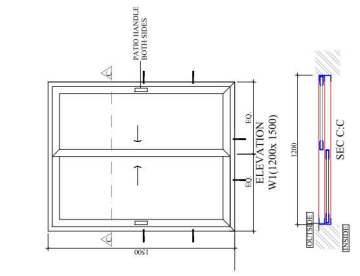
ANNEXURE- H Compressor and drier foot print drawing



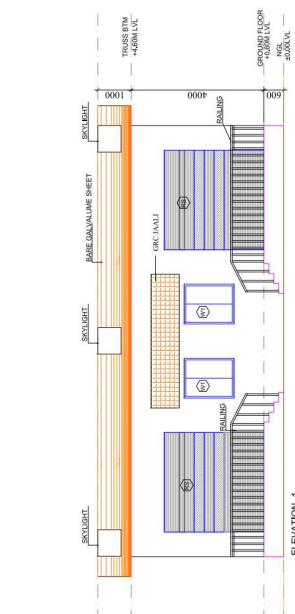
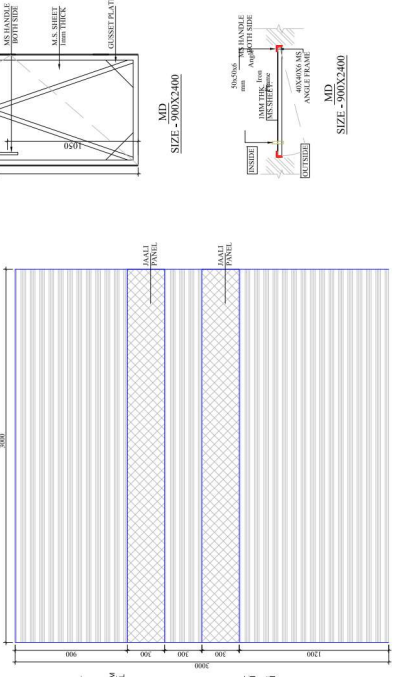
SHED-1 GROUND FLOOR PLAN



SI. TAG	WIDTH	CHILL HEIGHT	LINTEL
1	900	00	2400
2	RS 3000	00	3000
3	W1 1200	900	1500
			2400



SHED-2 GROUND FLOOR PLAN



ELEVATION -1