

Basic Details

Organisation Chain				SECURITY PRINTING AND MINTING CORPORATION OF INDIA-SPMCIL SECURITY PAPER MILL NARMADAPURAM(MP) Purchase Deptt -SPMCIL			
Tender Reference Number				6000019403/CIVIL/CHEMICALS			
Tender ID				2025_SPMCI_254434_1	Withdrawal Allowed		Yes
Tender Type				Open Tender	Form of contract		Works
Tender Category				Works	No. of Covers		2
General Technical Evaluation Allowed				No	ItemWise Technical Evaluation Allowed		No
Payment Mode				Offline	Is Multi Currency Allowed For BOQ		No
Is Multi Currency Allowed For Fee				No	Allow Two Stage Bidding		No

Payment Instruments

Offline	S.No	Instrument Type
	1	Demand Draft
	2	FDR
	3	Bankers Cheque
	4	Bank Guarantee
	5	Bankers Pay Order(BPO)
	6	NEFT
	7	R-T-G-S
	8	Insurance Surety Bond

Cover Details, No. Of Covers - 2

Cover No	Cover	Document Type	Description
1	Fee/PreQual/Technical	.pdf	Technical Bid
2	Finance	.xls	Price Bid

Tender Fee Details, [Total Fee in ₹ * - 0.00]

Tender Fee in ₹	0.00		
Fee Payable To	Nil	Fee Payable At	Nil
Tender Fee Exemption Allowed	No		

EMD Fee Details

EMD Amount in ₹	2,76,000	EMD Exemption Allowed	Yes
EMD Fee Type	fixed	EMD Percentage	NA
EMD Payable To	Security Paper Mill, Narmadapuram	EMD Payable At	Security Paper Mill, Narmadapuram

Work / Item(s)

Title	CONSTRUCTION OF CHEMICAL STORAGE BUILDING		
Work Description	CONSTRUCTION OF CHEMICAL STORAGE BUILDING FOR STORING RO CHEMICALS		
Pre Qualification Details	Please refer Tender documents.		
Independent External Monitor/Remarks	NA		
Tender Value in ₹	NA	Product Category	Civil Works
Contract Type	Tender	Bid Validity(Days)	120
Location	Security Paper Mill, Narmadapuram	Pincode	461005
Pre Bid Meeting Address	NA	Pre Bid Meeting Date	NA
Should Allow NDA Tender	No	Allow Preferential Bidder	No

Critical Dates

Publish Date	04-Nov-2025 05:15 PM	Bid Opening Date	05-Dec-2025 03:00 PM
Document Download / Sale Start Date	04-Nov-2025 05:15 PM	Document Download / Sale End Date	04-Dec-2025 03:00 PM
Clarification Start Date	NA	Clarification End Date	NA
Bid Submission Start Date	04-Nov-2025 05:15 PM	Bid Submission End Date	04-Dec-2025 03:00 PM

Tender Documents

NIT Document	S.No	Document Name	Description	Document Size (in KB)
	1	Tendernotice_1.pdf	Notice Inviting Tender	2309.23
Work Item Documents	S.No	Document Type	Document Name	Description
	1	Tender Documents	TENDERDOCUMENT6000019403.pdf	Tender Document
	2	Other Document	pricebidboq.pdf	Price Bid (BOQ)

Tender Inviting Authority

Name	Manager(Material)
Address	Security Paper Mill, Narmadapuram



SECURITY PAPER MILL,
HOSANGABAD - 461005 (M.P), INDIA
(A Unit of Security Printing and Minting Corporation of India Limited)(Wholly
owned by Government of India)
(Miniratna Category-I CPSE & ISO 9001:2015,
14001:2015,45001:2018,50001:2018 & IEC 17025:2017 CERTIFIED)
Website:<http://spmarmadapuram.spmcil.com>
E-Mail:gm.spm@spmCIL.com CIN: U22213DL2006GOI144763
Ph.No:91-7574-255259,Fax No:07574-255170

Not Transferable

Security Classification:

TENDER DOCUMENT FOR HIRING OF: CONSTRUCTION OF CHEMICAL STORAGE BUILDING FOR STORING RO CHEMICALS

Tender Number: 6000019403/CIVIL/CHEMICAL STORAGE,
Dated:04.11.2025

This Tender Document Contains _____ Pages.

Details of Contact person in SPMCIL regarding this tender:

Name: Biplab Basak
Designation: Manager (Material)
Address: SPMH (Security Paper Mill,Hoshangabd)
India

BIPLAB.BASAK@SPMCIL.COM

Section1: Notice Inviting Tender (NIT)

6000019403 /CIVIL/CHEMICALSTORAGE

04.11.2025

(SPMCIL's Tender SI No.)

(Date)

1. Sealed tenders are invited from eligible and qualified tenderers for supply of following goods & services:

Sch d. No.	Brief Description of Goods/services	Quantity (with unit)	Earnest Money (In Rupee)	Remarks
1	C/o chemical storage building	1.000 AU	276000.00INR	
Type of Tender (Two Bid/ PQB/ EOI/ RC/ Development/ Indigenization/ Disposal of Scrap/ Security Item etc.)			TWO-BID National Competetive Bid	
Dates of sale of tender documents:			CPP E-Procurement Portal	
Place of sale of tender documents			CPP E-Procurement Portal	
Closing date and time for receipt of tenders			As per CPP E-Procurement Portal	
Place of receipt of tenders			CPP E-Procurement Portal	
Time and date of opening of tenders			As per CPP E-Procurement Portal	
Place of opening of tenders			ON CPP E-PROCUREMENT PORTAL	
Nominated Person/ Designation to Receive Bulky Tenders (Clause 21.21.1 of GIT)			Biplab Basak Manager (Material)	

1. Information and instructions for bidders:-

The bidder shall go through the tender document carefully and shall comply with each clause of all the sections of the tender document.

Prospective tenderers are advised to go through <https://etenders.gov.in/eprocure/app> and get themselves aware for e-tendering participation requirements.

Registration:

a) Bidders are required to register on the e-tendering portal of CPPP (<https://etenders.gov.in/eprocure/app>).

b) Upon registration, Vendors/Suppliers must have valid Class-III Digital Signature both signing & Encryption type Certificate to participate in tenders. DSC can be procured from any of the Licensed Certifying Authorities by Controller of Certifying Authorities, details available at www.cca.gov.in

2. Eligibility to participate as per Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/ revised) and Ministry of Finance, Department of Expenditure, Public Procurement Division's Orders (Public Procurement 1, 2 and 3) F.No.6/18/2019-PPD dated 23rd/ 24th July 2020 (or any further amendments thereof) regarding eligibility of bidders from neighboring countries shall apply to this tender.

3. Please note that SPMCIL reserves its right to grant Purchase preferences in accordance with Government of India's Public Procurement (Preference to Make in India) Order 2017 (as amended/revised) and Public Procurement Policy for Micro and Small Enterprises (MSEs) Amendment Order, 2018 (as amended/revised).

4. Interested tenderers may obtain further information about this requirement from <https://spmarmadapuram.spmcil.com/> and submit its tender by utilizing CPP E-procurement Portal.

5. Tenderer may also download the tender documents from the web site mentioned above and submit its tender by utilizing the downloaded document; the bidder must not make any changes to the contents of the documents, except for filling the required information. A certificate to this effect must be submitted by the bidder in the Tender Form (Section X).

6. Tenderers shall ensure that their tenders, duly sealed and signed, complete in all respects as per instructions contained in the Tender Documents, are to be submitted on CPP e-procurement portal.

7. In the event of any of the above-mentioned dates being declared as a holiday/ closed day for the purchase organization, the tenders will be sold/ received/ opened on the next working day at the appointed time.
8. The tender documents are not transferable.
9. The bidder, their affiliates, or subsidiaries – including subcontractors or suppliers for any part of the contract – should not stand declared ineligible/ blacklisted/ banned/ debarred by any Government Agency anywhere in the world, for participating in its tenders, under that country's laws or official regulations. A declaration to this effect shall be submitted by the bidder in the Tender Form (Section X).
10. EMD amount mentioned in Section VI – List of Requirements shall be furnished in any one of the following forms:
- a) Account Payee Demand Draft or
 - b) Fixed Deposit Receipt or
 - c) Banker's cheque or
 - d) Bank Guarantee; in acceptable form, otherwise the tender will not be accepted in any case,
 - e) Insurance security bonds,
 - f) e-PBG.
 - g) Online Payments:-

Bank Account Details for Online Transaction:

Beneficiary Name:- Security Paper Mill, Narmadapuram

Account Number:- 201003487038

IFSC Code:- INDB0000449

Bank Name:- INDUSIND BANK

Branch Address:- Ground Floor, Shree Sai Kripa, Sat Rasta, Main Road, Narmadapuram(M.P.)461001

The demand draft, fixed deposit receipt, or banker's cheque shall be drawn on any scheduled commercial bank in India, in favour of "SECURITY PAPER MILL, NARMADAPURAM" payable at "NARMADAPURAM". In case of bank guarantee, the same is to be provided from/confirmed by any scheduled commercial bank in India as per the format specified under Section XIII of tender document.

The earnest money (EMD) should be valid for a period of 45 days beyond the final tender validity period.

In acceptable form, otherwise the tender will not be accepted in any case. The demand draft, fixed deposit receipt or banker's cheque shall be drawn on any scheduled commercial bank in India, in favour of account and place of payment specified in the para 1 above. In case of FDR, the same must be printed by bank alongwith first beneficiary name i.e. Security Paper Mill (handwritten anywhere on FDR will not be accepted) Payable at Narmadapuram, in single copy and the same shall be submitted to SPM. In case of bank guarantee, the same is to be provided from/confirmed by any scheduled commercial bank in India as per the format specified under section XIII in these documents.

Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date.

11. The Purchaser reserve the right at any stage by giving one week's notice without assigning the reason- To short close or terminate the order at any time during process of supply/Works against our Work order. The contractor will not be entitled to claim any compensation against such termination.
-



Tender Number:6000019403

12. Enclosed: BIDDER'S CHECK LIST BEFORE TENDER SUBMISSION

1. Price Schedule(BoQ of Tender Document)
2. Check list (Annexure-I)
3. Declaration (Annexure-II)
4. Declaration (Annexure-III)
5. Declaration (Annexure-IV)

Yours faithfully,

(Biplab Basak)
Manager (Material)
For Chief General Manager
E-mail: purchase.spm@spmcil.com | Phone: (07574) 286792/6588

CORRESPONDING ADDRESS
THE CHIEF GENERAL MANAGER, SECURITY PAPER MILL, NARMADAPURAM-461005(M.P.)

.....

.....
(Name Designation, Address telephone number etc
of the officer signing the document)

For and on behalf of

.....

Section II: General Instructions to Tenderers (GIT)

Part 1: General Instructions Applicable to all type of Tenderers

Section II: General Instructions to Tenderer (GIT)

Part I: General Instructions Applicable to all Types of Tenders

Please CLICK the link for further details:-

<https://www.spmcil.com/spmcil/UploadDocument/GIT.pdf>

Bidders are requested to download the above pages by clicking the above given link and submit an undertaking for acceptance of all terms and conditions mentioned in the GIT, duly stamped and signed along with tender document.

Unsigned/un-stamped printout of the undertaking is not acceptable

Section II: General Instructions to Tenderers (GIT)

Part II: Additional General Instructions Applicable to Specific type of Tenderers

Section II: General Instructions to Tenderer (GIT)

Part I: General Instructions Applicable to all Types of Tenders

Please CLICK the link for further details:-

<https://www.spmcil.com/spmcil/UploadDocument/GIT.pdf>

Bidders are requested to download the above pages by clicking the above given link and submit an undertaking for acceptance of all terms and conditions mentioned in the GIT, duly stamped and signed along with tender document.

Unsigned/un-stamped printout of the undertaking is not acceptable

Section III: Specific Instructions to Tenderers (SIT)

The following Special Instructions to Tenderers will apply for this purchase. These special instructions will modify/ substitute/ supplement the corresponding General Instructions to Tenderers (GIT) incorporated in Section II. The corresponding GIT clause numbers have also been indicated in the text below:

In case of any conflict between the provision in the GIT and that in the SIT, the provision contained in the SIT shall prevail.

(Clauses of GIT listed below include a possibility for variation in their provisions through SIT. There could be other clauses in SIT as deemed fit.)

Sr No	GIT Clause No.	Topic	SIT Provision
01	3	Eligible Tenderers	Applicable
02	3.4	Eligible Goods and Services (Origin of Goods)	Applicable
03	6.1	The tender documents includes:	Applicable
04	8	Pre-bid Conference	Not Applicable
05	9	Time Limit for receiving request for clarification of Tender Documents	A Tenderer requiring any clarification or elucidation on any issue of the tender documents may take up the same with SPMN in writing or by fax/e-mail/telex. SPMN will respond in writing to such request provided the same is received before 14 days prior to the prescribed date of submission of tender.
06	10.1	The Technical bid to be submitted by Tenderer shall contain the	Applicable
07	11.2	Tender Currency	Supplier is requested to quote price within 2 Decimal place. Quotation with price quote beyond 2 decimal place is ignored.
08	12.1	Tender Prices	Applicable
09	12.2,33,36.1	Schedule wise evaluation	Not Applicable
10	12.6	GST details	Applicable
11	14	PVC Clause & Formula	Not Applicable
12	14.4 to 14.7	Exchange Rate Variation (ERV)	Not applicable
13	16.2 a) to c)	Documents Establishing Tenderer's Eligibility and Qualifications	Applicable
14	18.4, 18.5	Earnest Money Deposit (EMD)	Applicable
15	19	Tender Validity	120 days from opening date of tender.
16	20.4	Number of Copies of Tenders to be submitted	One copy in CPPP Portal with seal & sign
17	20.8	Two Bid System	Applicable
18	20.9	E-Procurement	Applicable
19	34. and 35.1	Comparison on CIF Destination Basis	Not Applicable
20	35.2 to 35.6	Additional Factors for Evaluation of Offers and Preferential schemes	Not applicable
21	43	Parallel Contracts	Not Applicable
22	44.1	Serious Misdemeanors	Applicable

Sr No	GIT Clause No.	Topic	SIT Provision
23	44.3	Integrity Pact	Not applicable
24	45.1	Notification of Award	Applicable
25	50	Applicability of additional GIT for rate Contracts	Not applicable
26	51	Applicability of additional GIT for PQB Tenders	Not Applicable
27	52	Applicability of additional GIT for Tenders involving Samples	Not applicable
28	53	Applicability of additional GIT for EOI Tenders	Not applicable
29	54	Applicability of additional GIT for Tenders for Disposal of Scrap	Not applicable
30	55.	APPLICABILITY OF ADDITIONAL GIT FOR DEVELOPMENT/ INDIGENIZATION TENDER	Not Applicable
31	Special Condition	GST Returns	Supplier Should file the GST returns for outward supplies in time. SPM reserves the right to withhold the payment of GST till production of evidence of filling of Returns.
32	Special Condition	TCS u/s 206C (1H) read with TDS u/s 194Q	SPM (as Buyer) is liable to deduct TDS u/s 194Q @ applicable rate on goods purchases (if applicable). In case of deduction of TDS under section 194Q; the supplier (Vendor) need not to charge TCS u/s 206C 1(H) on invoicing on or after 01.07.2021.
33	Special Condition	Sec. 206AB of IT Act	Vendor has to submit declaration in specified format for the compliance of section 206AB of Income tax Act, 1961. In case of non-submission of declaration; TDS will be deducted at higher rates (as applicable) as per section 206AB

Section IV: General Conditions of Contract (GCC)

Section IV: General Conditions of Contract (GCC)

Part I: General Conditions of Contract applicable to all types of Tenders

Please CLICK the link for further Details:-

<https://www.spmcil.com/spmcil/UploadDocument/GCC.pdf>

Bidders are requested to download the above pages by clicking the above given link and submit an undertaking for acceptance of all terms and conditions mentioned in the GCC, duly stamped and signed along with tender document.

Unsigned/un-stamped printout of the undertaking is not acceptable

Section V: Special Conditions of Contract (SCC)

The following Special Conditions of Contract (SCC) will apply for this purchase. The corresponding clauses of General Conditions of Contract (GCC) relating to the SCC stipulations have also been incorporated below. These Special Conditions will modify/ substitute/ supplement the corresponding (GCC) clauses.

Whenever there is any conflict between the provision in the GCC and that in the SCC, the provision contained in the SCC shall prevail.

(Clauses of GCC listed below include a possibility for variation in their provisions through SCC. There could be other clauses in SCC as deemed fit)

Sl.No.	GCC Clause No.	Topic	SCC Provision
01	1.2	Abbreviations:	Applicable
02	6.1, 6.3 & 6.5	Performance Bond/ Security	REFER SECTION-VI, CLAUSE NO. 5 OF THE TENDER ENQUIRY
03	8.2	Packing and Marking	Not Applicable
04	9	Inspection and Quality Control	Applicable
05	11.2	Transportation of Domestic Goods	Applicable
06	12	Insurance	Applicable
07	15	Distribution of Dispatch Documents for clearance/ Receipt of Goods	Applicable
08	16	Warranty Clause	Applicable as per Section VI : List of Requirements
09	19.3	Option Clause	The Purchaser reserves the right to increase the ordered quantity by 25% at any time, till final delivery date of the contract, by giving reasonable notice even though the quantity ordered initially has been supplied in full before the last date of Delivery Period.
10	21	Taxes and Duties	Applicable
11	22	Terms and Mode of payments	REFER SECTION-VI, CLAUSE NO. 4 OF THE TENDER ENQUIRY
12	24.1	Quantum of LD	If the contractor fails to deliver the goods and/or services or any installment thereof within the Delivery Period, SPM Narmadapura shall, without prejudice to other rights and remedies available to SPM, Narmadapuram under the contract, deduct from the contractor price, as Liquidated damages, a sum equivalent to the rate of 0.5% of the delivered price of the delayed goods and/or services for each week of delay or part thereof until actual delivery of performance, subject to a maximum ded
13	24.2	Quantum of LD	uction of the 10% of the delayed goods or services"
14	25.1	Bank Guarantee and Insurance for Material Loaned to Contractor	Not applicable
15	33.1	Resolution of Disputes	Applicable
16	36.3.2	Disposal/ Sale of Scrap by Tender	Not Applicable
17	36.3.2,36.3.9	DISPOSAL/ SALE OF SCRAP BY TENDER	Not Applicable

Section VI: List of Requirements

Schedule No.	Breif Description of goods and services (Related Specifications etc.are in Section-VII)	Accounting Unit	Quantity	Amount of Earnest Money	Remark
1	C/o chemical storage building	AU	1.000	276000.00IN R	

Technical bid and financial bid are to be submitted on the CPP E-Procurement Portal. It may be noted that the price not to be quoted in technical bid (Technical Cover). It shall only be quoted in price bid (Price Cover). Non-adherence to this shall be making tender liable for rejection.

Tenders shall be submitted in parts as below:-

SUBMISSION OF TENDER: The bid is to be submitted in two parts as follows:

I. PART-A: TECHNO-COMMERCIAL BID: KINDLY SUBMIT FOLLOWING DOCUMENTS WITH TECHNO-COMMERCIAL BID:

1) Earnest Money Deposit : Applicable and Bidder has to upload scanned copy / proof of the DD along with bid and has to ensure delivery of hardcopy to the Buyer within 5 days of Bid End date / Bid Opening date. The EMD shall remain valid for a period of 45 days beyond BID validity i.e. 120+45=165 days after the date of opening of the tender. Any short validity, the tender shall be treated as unresponsive and rejected. The EMD should be in Indian Rupees Only. Successful tendered EMD will returned without any interest, after the receipt of performance security from the tenderer. Unsuccessful tenderer EMD will be returned to them without any interest, after expiry of the tender validity period.

NOTE: As per MSME office Memorandum No. F.No.1(3)/2018-MP, Part-III dated 25.03.2022. Subjected "Revised FAQs in respect of Public Procurement Policy for MSEs Order, 2012 reg. FAQ Question No.18 the works contracts are excluded from the purview of Public Procurement policy of MSME order 2012."

Being a Works Contract EMD is not exempted for Micro and Small Enterprises(MSEs). Hence, EMD must be submitted by the MSEs without any exemption. Non-submission of EMD will lead to rejection of the offer.

Only the firm who are registered under Start-ups for tendered item may be exempted from submitting the EMD on producing valid certificate, being a works tender.

2) The tenderer shall submit the acceptance of detailed scope of work as per Section VII of this tender document.

3) Containing unpriced tender consisting commercial package including all terms and conditions. No price details to be given in this tender (as per Section-X).

4) Blank price bid(Annexure-V/BoQ of tender document) duly sealed and signed without mentioning any price element.

5) Please confirm the validity, place of work, period of contract, payment terms and warranty as per the other terms and condition (Part-C, point no.1 to 4 & 6) of Section VI of tender document.

6) Submit the following declaration on your letter head with seal and sign as per the Annexure - II of this tender :
a. We have not been blacklisted / debarred by BNPMIPL/BRBNMPL/SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.

b. We do hereby declare that we have read and understood all terms and conditions of tender document including GIT, SIT, GCC, SCC, Technical Specification, Quality Control Criteria and confirm to abide to those conditions without any counter conditions.

c. "We are accepting all the terms and conditions of the tender document without any deviation and withdraw all deviations if any"

7) All Section & pages (front and back) of the tender documents strictly should be signed, name and sealed by bidder firm.

8) Submit Section-VIII(Quality Control Requirement) with Seal & Sign.

9) Audited Financial Standing of last 3 years i.e. 2022-23, 2023-24 & 2024-25 should be certified by accountant's e.g. Chartered Accountants(CA) in India.

10) Containing un-priced tender consisting of complete Qualification/ Eligibility of the tenderer as per the format specified under Section-IX in this document.

Note:- Submit all relevant supporting documents as mentioned in Section-IX of tender document.

11) Submit the declaration duly seal and signed by Competent Authority on your letter head as per annexure-III as below:

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India: I certify that M/s.....(firm's name) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that M/s(firm's name) fulfills all requirements in this regard and is eligible to be considered."

I, the undersigned, declare that the item.....originate in.....(Name of the country).

12) Submit the declaration duly seal and signed by Competent Authority on your letter head as per annexure-IV.

II. PART – B: PRICE BID:

The bidders shall quote the price and other elements of price as per BoQ of this tender document on CPP Portal. Insertion, post script, addition and alteration shall not be made, if any, will not be considered for calculating the price.

Note: Un- Workable rates shall be liable for rejection.

III. PART C: OTHER IMPORTANT TERMS AND CONDITIONS:

1) Validity: 120 days from the date of opening of the tender, offer valid for a shorter period shall be treated as unresponsive & rejected.

2) Place of work: Security Paper Mill, Narmadapuram.

3) Period of Contract: 06 Months from the date of issue of NAC/ Purchase Order.

4) TERMS AND MODE OF PAYMENT:

4.1. Monthly payment shall be made as based on actual measurement of completed work/items on monthly basis after completion, suitability and on production of all required documents by the contractor.

4.2. The payment will be made by SPM through RTGS / NEFT to the contractor after submission of their bill duly certified by CIVIL DEPARTMENT.

4.3. Applicable taxes may please mention on Price schedule/ Invoice of document along with HSN/ SAC code.

4.4. Registration certificate of GSTIN issued from the concerned authority may please be attached along with tender document.

4.5. If income tax is payable then the bill payment will be made after the deduction of such taxes. The TDS certificate

will be provided to the Contractor accordingly. The contractor will provide PAN in bills.

4.6. Any TDS or surcharge applicable to the contractor then as per rule the deduction from the bill will be made along with surcharge. The copy of the same will be provided accordingly.

5) PERFORMANCE SECURITY

5.1. Within twenty-one days after the issue of notification of award by SPMN, the supplier shall furnish performance security of the value equal to 10% of the value of the contract to SPMN, valid up to sixty days after the date of completion of all contractual obligations by the supplier, including the warranty obligations.

5.2. The performance security shall be denominated in Indian Rupees or in the currency of the contract and shall be furnished in any of form as indicated in Clause No. 11 of NIT(Section-I)

In case of bank guarantee, the same is to be provided from any scheduled commercial bank in India as per the format specified under Section XV of tender document.

The performance security should remain valid for a period of 60 days beyond the date of completion of all contractual obligations.

5.3. In the event of any loss due to supplier's failure to fulfill its obligations in terms of the contract, the amount of the performance security shall be payable to SPM to compensate SPM for the same.

5.4. In the event of any amendment issued to the contract, the supplier shall, within twenty-one days of issue of the amendment, furnish the corresponding amendment to the Performance Security (as necessary), rendering the same valid in all respects in terms of the contract as amended.

6) WARRANTY:

6.1. The supplier warrants that the goods supplied under the contract is new, unused and incorporate all recent improvements in design and materials unless prescribed otherwise by SPM in the contract. The supplier further warrants that the goods supplied under the contract shall have no defect arising from design, materials (except when the design adopted and / or the material used are as per SPM's specifications) or workmanship or from any act or omission of the supplier, that may develop under normal use of the supplied goods under the conditions prevailing in India.

6.2. This warranty shall remain valid for twelve months after the goods or any portion thereof as the case may be, have been delivered to the final destination and installed and commissioned at the final destination and accepted by SPM in terms of the contract or for eighteen months from the date of dispatch from the supplier's premises whichever is later.

6.3. In case of any claim arising out of this warranty, SPM shall promptly notify the same in writing to the supplier.

6.4. Upon receipt of such notice, the supplier shall, with all reasonable speed and time, repair or replace the defective goods or parts thereof, free of cost, at the ultimate destination. The supplier shall take over the replaced parts/ goods after providing their replacements and no claim, whatsoever shall lie on SPM for such replaced parts/ goods thereafter.

6.5. In the event of any rectification of a defect or replacement of any defective goods during the warranty period, the warranty for the rectified/ replaced goods shall be extended to a further period of twelve months from the date such rectified / replaced goods starts functioning to the satisfaction of SPM.

6.6. If the supplier, having been notified, fails to rectify/ replace the defect(s) within a delivery period, SPM may proceed to take such remedial action(s) as deemed fit by SPM, at the risk and expense of the supplier and without prejudice to other contractual rights and remedies, which SPM may have against the supplier.

7) Procurement Preference for MSE

NOTE : As per MSME office Memorandum No. F.No.1(3)/2018-MP, Part-III dated 25.03.2022. Subjected " Revised FAQs in respect of Public Procurement Policy for MSEs Order, 2012 reg.FAQ Question No.18 the works contracts are excluded from the purview of Public Procurement policy of MSME order 2012."

8) EVALUATION:-

The Evaluation of L1 bidder shall be based on the lowest consolidated Grand total offered by the bidder as per Bo Q of this tender document on CPP Portal.

9) Any dispute, arising out of the supply order/ contract will be subject to the exclusive jurisdiction of the competent

court at Narmadapuram.

10) Authorized representatives of the tenderers, who have submitted tenders on time may attend the tender opening, provided they bring with them letters of authority through firm.

11) All Sections & pages of the tender documents strictly should be signed, name and sealed by bidder firm.

12) Statutory Compliance: The Contractor must fulfill all the provisions/conditions required under the following Acts;

1. The Contract Labour (Regulation & Abolition) Act, 1970.
2. The Minimum Wages Act,1948
3. The Payment of Wages Act,1936
4. The Employee Provident Fund & Misc. Provisions Act,1936
5. The Employee Estate Insurance Act, 1948.
6. The Industrial Dispute Act,1947
7. The Employees Compensation Act,1923
8. The Payment of Bonus Act, 1965
9. Other Misc. as & when Applicable

13) Safety Conditions:

13.1. The manpower supplied by the contractor will work under their Supervisor and will obey all the instructions given by Supervisors.

13.2. The contractor(s) must appoint their supervisor to look after the day to day activity of their labour at site.

13.3. Any injury/accident occurred at work place shall immediately be reported to the safety department of SPM/respective section.

13.4. The charges of such medical treatment will be borne by the contractor in addition to the various provisions under the ESI Act.

13.5. Safety helmet, belt and other safety appliances as per the requirement at the working places shall have to be provided by the contractor.

13.6. The firm shall have to ensure the safety of their employee during the course of employment.

Note: - Successful bidder must provide all PPE kit (Safety shoes, I-card and uniform is compulsory) necessary as per given job and follow the safety norms of factory to all employee provided in Mill Area as per the factory rules.

14) Bidder to furnish stipulated documents along with tender in support of fulfillment of tender criteria. Further correspondence in this regard will not be entertained for any reason.

15) Non submission of any of the above document may lead to rejection of bid.

SIGNATURE OF BIDDER WITH NAME, DESIGNATION & SEAL

Section VII: Technical Specifications

The following works are proposed in the construction of Chemical Storage Building for storing of RO Plant Chemicals:-

- a. Provision of construction of store building of Size 11M X 24M and 5.5M clear height.
- b.#Provision of design and drawing of structural members.
- c.#Provision of GI roof sheets with MS truss.
- d.#Provision of RCC framed structure including beams, columns with brick work in superstructure.
- e.#Provision of pile and pile caps as foundation.
- f.#Provision of CC floors.
- g.#Provision of door, door frames, shutters etc. with all fittings complete.
- h.#Provision of Finishing of walls with cement plaster and painting with distempering of acrylic distemper for internal side walls & acrylic smooth exterior paint on external side walls.
- i.#Provision of electrical works.
- j.#T & P : Shall be arranged by contractor if required
- k.#Quantity of work: SPM authority reserve the full rights to decrease the quantities of item, at the time of award tender and any time during execution of contract period or extended period of contract as per its actual requirement.
- l.#Specifications: The civil work shall be carried out as per relevant IS Code, CPWD specification 2023 Vol. I & Vol. II with up to date correction slips. The electrical work shall be carried out as per relevant IS codes and CPWD specifications.
- m.#The contractor shall himself engage an authorized all time agent on the work capable of managing and guiding the work and understanding the specifications and contract conditions. A qualified and experienced Civil Engineer shall be provided by the contractor as his agent for technical matters. Site engineer can also be designated as an agent of the contractor. Agent will take orders as will be given by the Engineer in charge or his representative and shall be responsible for carrying them out. This agent shall not be changed without prior intimation of the Engineer in charge and his representative on the work site. The Engineer-in-charge has the unquestionable right to ask for changes in the quality and strength of supervisory staff of contractor and to order removal from work of any of such staff. The contractor shall comply with such order and effect replacements of the satisfaction of the Engineer-in-charge.
- n.#Time period: Three (06) months for execution after award of contract.
- o.#Payment: Payment shall be made on monthly basis after measurement of completed work and satisfaction of SPM.

B. BILL OF QUANTITIES AND RATE

- a. The bill of quantities of civil and electrical component required for construction of Chemical Storage Building are attached as "Annexure-A" and "Annexure-B" respectively with this PR.
- b. Rate: The contractor shall give the rate above (+) or below (-) as a SINGLE PERCENTAGE RATE only for all the items as mentioned in "Annexure-A" and "Annexure-B". Single quoted percentage rate by bidder shall be applicable on each items of "Annexure-A" and "Annexure-B"

C. OTHER TERMS AND CONDITIONS

- a. The successful bidder should submit schedule of work before start of the work and get it approved by the competent authority of SPM.
- b. The successful bidder shall submit test certificate of materials along with the supply of the raw materials.
- c. It will be sole responsibility of the contractor to ensure workmen/labours against risks of accident and injury while at work as required by the relevant rules and to pay compensation, if any to them as per workmen's compensation act. the work will be carried out in a protected area and all the rules and regulations of S.P.M. in that area that are in force from time to time will have to be followed by the contractor. The contractor shall assign to his workmen/labours task commensurate with their experience and state health condition. Workmen/ labours shall not be allowed to work without required PPE's for the work. Any loss incurred due to this will be in the scope of supplier/contractor
- d. Any defect in quality of work or deviations from drawings / specifications pointed out during inspection shall be made good by the contractor in the same way as if pointed out



Tender Number:6000019403

by the Engineer, without any cost implication to SPM. e. The contractor should ensure the complete site clearance on each day by removing of debris/ Malba and cleaning.

Section VIII: Quality Control Requirements

- 1) "The work shall be carried out as per CPWD specifications-2019 (vol-I & II) with up-to-date corrections slips."
- 2) The Electrical Work shall be carried out as per relevant IS Codes and CPWD Specifications.
- 3) The selected contractor should prepared and submit all civil related design and drawings duly certified by any reputed Govt. agencies like NIT's, IIT's, Government Engineering College etc. before start of construction activities for approval of competent authority of SPM. Subsequently, the bidder shall obtain the approval of design & drawing (NOC) from Factory Inspector as per rule 3A under subsection 1 of section 6 of M.P. Factory rule 1962.

Section IX: Qualification/Eligibility Criteria

1. Experience & Past Performance

The bidder should have experience of having successfully completed similar works during last 7 years ending on 31.03.2025.

- Three similar completed works each costing not less than the amount equal to Rs. 55,07,550/- or
- Two similar completed works each costing not less than the amount equal to Rs.68,84,438/- or
- One similar completed work costing not less than the amount equal to Rs. 1,10,15,101/-

2. Capability - Equipment & Manufacturing Facilities

The bidder should be enlisted in either Central Public Works Department (CPWD) or Military Engineering Services (MES) or any other Government / PSU / Autonomous bodies.

3. Financial Standing

The average annual financial turnover of the bidder during the last three years, ending on 31.03.2025, should be at least Rs. 55,07,550/- (or equivalent in foreign currency at exchange rate prevalent on 31.03.2025 as per the annual report (audited balance sheet and profit & loss account) of the relevant period, duly authenticated by a Chartered Accountant/ Cost Accountant in India or equivalent in relevant countries.

- The net worth of the Bidder should not be negative on 31.03.2025 and also
- should not have eroded by more than 30% in the last three years, ending on 31.03.2025.

NOTE:

The contractor is required to upload the following documentary proof:

- Purchase orders/Work Completion certificates from the appropriate authority of client, clearly indicating the nature/scope of work done, actual completion cost and actual date of completion for such work.
- All experience, past performance and capacity/capability related data should be certified by the Authorized Signatory of the Bidder firm. The credentials regarding experience and past performance to the extent required as per the above eligibility criteria as submitted by the bidder may be verified by the parties for whom work has been done.
- The Bidder Firm should upload the documents regarding the enlistment in CPWD/MES/any other government/PSU/Autonomous bodies.
- Copy of Financial Statement for three years duly certified by chartered accountant/cost accountant.
- For Start-ups (registered for the tendered item) all financial criteria shall be exempted. However, its capacity and capability may be verified (if necessary) by the respective unit as per the standard format of Capacity And Capability Assessment Form included under point D of Anx 29 of SPMCIL Procurement Manual.
- Start-up Enterprises: Requirements of prior experience and turnover would be relaxed for Start-up enterprises as recognized by Department for Promotion of Industry and Internal Trade (DPIIT), subject to their meeting the quality and technical specifications.
- Provide the names of Organization(s)/ Firm(s) with Address & Telephone Numbers, Fax Numbers, E-Mail addresses to which they have provided similar type of services annually during the last 7 years as per Section-VI

Bidder to furnish stipulated documents support of fulfillment of qualifying criteria. Non-submission or incomplete submission of documents may lead to rejection of offer.

SIGNATURE OF BIDDER WITH
NAME, DESIGNATION & SEAL



Tender Number:6000019403

Section X: Tender Form

Date:

To,
Security Paper Mill, Narmadapuram
A Unit of Security Printing & Minting
Corporation of India Limited
(Wholly Owned by Govt. of India)
Narmadapuram

Ref: Your Tender document No.6000019403 /CIVIL/CHEMICALSTORAGE dated 04.11.2025

We, the undersigned have examined the above mentioned tender enquiry document, including amendment No....., dated..... (if any), the receipt of which is hereby confirmed. We now offer to supply and deliver (Description of goods and services) in conformity with your above referred document for the sum of _____ (total tender amount in figures and words), as shown in the price schedule(s), attached herewith and made part of this tender.

If our tender is accepted, we undertake to supply the goods and perform the services as mentioned above, in accordance with the delivery schedule specified in the List of Requirements.

We further confirm that, if our tender is accepted, we shall provide you with a performance security of required amount in an acceptable form in terms of GCC clause 6, read with modification, if any, in Section V - 'Special Conditions of Contract', for due performance of the contract.

We agree to keep our tender valid for acceptance for a period up to, as required in the GIT clause 19, read with modification, if any in Section-III - 'Special Instructions to Tenderers' or for subsequently extended period, if any, agreed to by us. We also accordingly confirm to abide by this tender up to the aforesaid period and this tender may be accepted any time before the expiry of the aforesaid period. We further confirm that, until a formal contract is executed, this tender read with your written acceptance thereof within the aforesaid period shall constitute a binding contract between us.

We further understand that you are not bound to accept the lowest or any tender you may receive against your above-referred tender enquiry.

.....
(Signature with date)

.....
(Name and designation)

Duly authorized to sign tender for and on behalf of

.....

.....

Section XI: Price Schedule

SUMMARY OF PRICE SCHEDULE (FOR INDIAN BIDDERS); PRICES SHOULD BE ON FOR SPM, NARMADAPURAM BASIS.

As per CPP Portal.

Section XII: Vendor Details

The tenderer should furnish specific details mentioned below. In case a question / issue does not apply to a tenderer, the same should be answered with the remark “not applicable”.

Wherever necessary and applicable, the tenderer shall enclose certified copy as documentary proof/ evidence to substantiate the corresponding statement.

In case a tenderer furnishes a wrong or misleading answer against any of the under mentioned question/ issues, its tender will be liable to be ignored.

1. Vendor/ Contractor particulars:

- (a) Name of the Company:
- (b) Corporate Identity No. (CIN):
- (c) Registration if any with SPMCIL:
- (d) Complete Postal Address:
- (e) Pin code/ ZIP code:
- (f) Telephone nos. (with country/area codes):
- (g) Fax No.: (with country/area codes):
- (h) Cell phone Nos.: (with country/area codes):
- (i) Contact persons /Designation:
- (j) Email IDs:

2. Taxation Details:

- (a) PAN number:
- (b) Type of GST Registration (Registered, Unregistered, Composition, SEZ, RCM etc.):
- (c) GSTIN number:
- (d) Registered Address as per GST registration and Place of Delivery for GST Purpose:
- (e) Contact Names, Nos. & email IDs for GST matters (Please mention primary and secondary contacts):

☐ We solemnly declare that our GST rating on the GST portal / Govt. official website is NOT negative / blacklisted during the last three financial years.

.....

(Signature with date)

.....

.....

(Name, address, and stamp of the tendering firm)

Section XIII: Bank Guarantee FORM for EMD

BANK GUARANTEE FOR BID GUARANTEE (ON BANK'S LETTERHEAD WITH ADHESIVE STAMP)

Ref

Date

Bank Guarantee No

To,
(Insert Name & Address of the Purchaser)

Dear Sir,

Whereas (Hereinafter called the "Tenderer") has submitted its bid numbered dated for the supply of (Hereinafter called the "tender") against 's (insert name of Purchaser) (hereinafter called as the 'Purchaser') tender enquiry

No. opened on Know all persons by these presents that we of (hereinafter called the "Bank") having our registered office at are bound unto the Purchaser, in the sum of for which payment will and truly be made forthwith, on demand by the Purchaser, without demure to the said Purchaser, the Bank binds itself, its successors and assigns by these presents. Sealed with the Common Seal of the said Bank this day of 20...

The conditions of this obligation are —

- (1) If the Tenderer withdraws or amends, impairs, or derogates from the tender, in any respect within the period of validity of this tender.
- (2) If the Tenderer or anyone employed by it or acting on its behalf (whether with or without the knowledge of the Tenderer) breaches any of the provisions of the pre-bid/ Pre-contract Integrity Clause.
- (3) If the Tenderer having been notified of the acceptance of his tender by Purchaser during the period of its validity:-
 - a) Fails or refuses to furnish the performance security for the due performance of the contract.
 - b) Fails or refuses to accept/ execute the contract.

We undertake to pay Purchaser up to the above amount, upon receipt of its first written demand, without Purchaser having to substantiate its demand, provided that in its demand Purchaser will note that the amount claimed by it, is due to it owing to the occurrence of one or more or all the above conditions, specifying the occurred condition(s). We agree that the decision of the Purchaser, whether above conditions have occurred, shall be final and binding on us. This guarantee will remain in force for a period of (insert the period of validity plus 45 days, in words and figures) days after the date of (insert date of tender opening) and any demand in respect thereof should reach the Bank not later than the above date.

.....
(Signature of the authorized officer of the Bank)

.....

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

Section XV: Bank Guarantee Form for Performance Security

PROFORMA OF BANK GUARANTEE FOR CONTRACT PERFORMANCE GUARANTEE BOND (ON BANK'S LETTERHEAD WITH ADHESIVE STAMP)

Ref

Date

Bank Guarantee No

To,
(Insert Name & Address of the Purchaser)

Dear Sir,

1. Against contract vide Notification for Award of the Tender No dated covering supply of (herein after called the 'contract') entered into between the (insert name of Purchaser) (herein after called as the Purchaser) and M/s. (here in after called the 'Contractor'), this is to certify that, at the request of the Contractor, we (name of the bank), are holding in trust in favour of the Purchaser, the amount of (write the sum here in words), to indemnify and keep indemnified the Purchaser, against any loss or damage that may be caused to, or suffered by the Purchaser, by reason of any breach by the Contractor of any of the terms and conditions of the said contract and/or in the performance thereof. We agree that the decision of the Purchaser, whether any breach of any of the terms and conditions of the said contract and/or in the performance thereof has been committed by the Contractor; and the amount of loss or damage that has been caused or suffered by the Purchaser, shall be final and binding on us, and the amount of the said loss or damage shall be paid by us, forthwith on demand and without demur to the Purchaser.

2. We (name of the bank), further agree that, the guarantee herein contained, shall remain in full force and effect, for sixty days after the complete conclusion of the contractual obligations to the complete satisfaction of both the BIDDER and the BUYER, including warranty period whichever is later, i.e. till (hereinafter called the 'said date') and that if any claim accrues or arises against us (name of the bank), by virtue of this guarantee before the said date, the same shall be enforceable against us (name of the bank), notwithstanding the fact that the same is enforced within six months after the said date, provided that notice of any such claim has been given to us (name of the bank), by the Purchaser, before the said date. Payment under this bond of guarantee shall be made promptly, upon our receipt of notice to that effect, from the Purchaser.

3. It is fully understood that this guarantee is effective from the date of the said contract and that we (name of the bank), undertake not to revoke this guarantee during its currency, without the consent in writing of the Purchaser.

4. We undertake to pay to the Purchaser, any money so demanded, notwithstanding any dispute or disputes raised by the Contractor, in any suit or proceeding pending before any Court or Tribunal, relating thereto, our liability under this present, being absolute and unequivocal. The payments so made by us under this bond, shall be a valid discharge of our liability for payment thereunder, and the Contractor shall have no claim against us, for making such payments.

5. We..... (name of the bank), further agree that the Purchaser shall have the fullest liberty, without



affecting in any manner our obligations hereunder, to vary any of the terms and conditions of the said contract, or to extend time of performance by the Contractor, from time to time, or to postpone for any time or form, time to time, any of the powers exercisable by the Purchaser, against the said Contractor and to for bear or enforce any of the terms and conditions relating to the said contracts and we..... (name of the bank), shall not be released from our liability under this guarantee, by reason of any such variation or extension being granted to the said Contractor, or for any forbearance and/or omission on the part of the Purchaser, or any indulgence by the Purchaser towards the said Contractor, or by any other matter or thing whatsoever, which under the law relating to sureties, would, but for this provision, have the effect of so releasing us from our liability under this guarantee.

6. This guarantee will not be discharged due to the change in the constitution of the Bank or the Contractor.

.....
(Signature with date of the authorized officer of the Bank)

.....

.....
Name and designation of the officer

.....
Seal, name & address of the Bank and address of the Branch

.....
Name and designation of the officer

.....

.....
Seal name& address of the Bank and address of the Branch

Section XIX: NEFT Mandate

(Refer clause 22.2 of GCC)

From : M/s

Date:.....

To:

(Insert Name and Address of Purchaser's Paying Authority as per NIT Clause 1)

Sub: NEFT payments

We refer to RBI's NEFT scheme. Our mandate SPMCIL for making payments to us through the above scheme to our under noted account.

NATIONAL ELECTRONIC FUNDS TRANSFER MANDATE FORM

1	Name of City	
2	Bank Code No.	
3	Branch Code No.	
4	Bank's Name	
5	Branch Address	
6	Branch Telephone / Fax No.	
7	Supplier's Account No.	
8	Type of Account	
9	IFSC code for NEFT	
10	IFSC code for RTGS	
11	Supplier's name as per Account	
12	MICR Code No.	

In Lieu of Bank Certificate to be obtained as under, please attach a bank cancelled cheque or photocopy of a cheque or front page of your bank passbook issued by your bank for verification of the above particulars.

I hereby declare that the particulars given above are correct and complete. If the transaction is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold the user institution responsible. I have read the option intimation letter and agree to discharge responsibility expected of me as a participant under the scheme.

Date

Signature of the Customer

Certified that the above particulars are correct as per our record.

Stamp and
Signature of authorized
official of the bank

ANNEXURE – I

TWO BID, SINGLE STAGE (TWO PACKET) TENDER
BIDDER'S CHECK LIST BEFORE TENDER SUBMISSION

PART I – TECHNO COMMERCIAL BID

S.No.	Tender Submission Check Points	Check before submission Tick (☒)
1	Earnest Money Deposit	Applicable
2	Technical Specification –Section VII as per tender	
3	Fill Tender Form – Section X duly seal & sign (Without mentioning price)	
4	Accept validity, place of work, delivery terms, contract period, payment terms and warranty as per tender document	
5	Submit Declaration as per Annexure-II of the tender document	
6	Submit Declaration as per Annexure-III of the tender document	
7	Submit Declaration as per Annexure-IV of the tender document	
8	Submit the documents as per Qualification / Eligibility criteria – Section IX	
9	Submit tender document with seal and sign	

NOTE: "BIDDER TO FURNISH STIPULATED DOCUMENTS ALONG WITH TENDER IN SUPPORT OF FULFILLMENT OF TENDER CRITERIA. FURTHER CORRESPONDENCE IN THIS REGARD WILL NOT BE ENTERTAINED FOR ANY REASON. NON-SUBMISSION OR INCOMPLETE SUBMISSION OF DOCUMENTS MAY LEAD TO REJECTION OF OFFER"

PART II – PRICE BID

S.No.	Tender Submission Check Points	Check before submission Tick (☒)
1	Price Bid as per BOQ of CPP Portal (Price including all taxes & other charges)	

.....
(Bidder's Seal & Sign)
Seal & Sign)

ANNEXURE – II

TENDER NO. 6000019403/CIVIL/CHEMICAL STORAGE

(To be submitted on the letter head)

DECLARATION

We do hereby declare that,

1. We have not been blacklisted /debarred by BNPMIPL /BRBNMPL /SPMCIL or any Govt. Departments for participation in tenders. The information provided above is correct and true to the best of my knowledge and belief.
2. We do hereby declare that we have read and understood all terms and conditions of tender document including GIT, SIT, GCC, SCC, Technical Specification, Quality Control Criteria and confirm to abide to those conditions without any counter conditions.
3. "We are accepting all the terms and conditions of the tender document without any deviation and withdraw all deviations if any".

Signature.....

Name.....

Designation.....

Date.....

Stamp of the Organization.....

ANNEXURE-III

TENDER NO. 6000019403/CIVIL/CHEMICAL STORAGE

(To be submitted on the letter head)

DECLARATION

"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India. I certify that M/s.....
(firm's name) is not from such a country or, if from such a country, has been registered with the Competent Authority. I hereby certify that M/s
(firm's name) fulfils at requirements in this regard and is eligible to be considered."
(where applicable, evidence of valid registration by the competent Authority shall be attached)

I, the undersigned, declare that the item.....originate in.....(Name of the country).

Signature.....

Name.....

Designation.....

Date.....

Stamp of the

Organization.....



Annexure-IV

Declaration for Section 206AB of TDS under income tax Act, 1961
(to be submitted on Letter Head)

Vendor Code: _____

M/s _____

PAN _____

GSTIN _____

I/We _____ <Legal Name and complete address

>, PAN: _____, TAN: _____,

referring to the provisions of 206AB of the IT Act, 1961, hereby declare the following:-

Financial Year	Aggregate TDS & TCS credit in our name was Rs. 50,000 or more ("Yes / No")	Income Tax Return ("ITR") Filed ("Yes/No")	E-filing Acknowledgment Number (15 digit - numeric) (Attach copy of acknowledgments)	Date of Filing of Return of Income u/s 139(1) (DD/MM/YYYY)	Linked PAN with Aadhaar number or will link it before 30 Jun 2022 (or any further date as may be notified by CBDT ("Yes / No"))
2022-23					
2023-24					
2024-25					

We do hereby declare that to the best of my /our knowledge and belief what is stated above is correct, complete and is truly stated. In case there is a tax liability, interest or penal consequences which are levied on SPM on account of the false representation/ declaration, I/we undertake to fully indemnify SPM for the same.

FOR _____

Authorized Signatory

Date:

Note: In case the vendor failed to comply with the above provisions, TDS shall be deducted at the higher of the following rates, namely: -

- (i) at twice the rate specified in the relevant provision of the Act; or
- (ii) at twice the rate or rates in force; or
- (iii) at the rate of five per cent (5%).

TENDER NO. 6000019403/CIVIL/CHEMICALSTORAGE

Construction of Chemical Storage Building for Storing RO Chemicals

GSTIN No. of your Firm:**Name of Work :- Construction of Store room for RO plant**

Annexure-A					
SN	Item Description	Qty	Unit	Avg Rate	Amount
A	Civil works BoQ				
1	Earth work in surface excavation not exceeding 30 cm in depth but exceeding 1.5 m in width as well as 10 sqm on plan including getting out and disposal of excavated earth upto 50 m and lift upto 1.5 m, as directed by Engineer-in- Charge:				
	All kinds of soil	480	Sqm	128.28	61,574.40
					-
2	Earth work in excavation by mechanical means (Hydraulic excavator)/ manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-incharge. All kinds of soil	350	Cum	174.17	60,959.50
3	Earth work in excavation by mechanical means (Hydraulic excavator) / manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.				
	All kinds of soil	65	Cum	270.10	17,556.50
					-
4	Excavating, supplying and filling of Murram (including royalty) by mechanical transport upto a lead of 5km also including ramming and watering of the earth in layers not exceeding 20 cm in trenches, plinth, sides of foundation etc. complete.	80	Cum	711.83	56,946.40

5	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m. cum 253.95	35	Cum	225.33	7,886.55
6	Felling trees of the girth (measured at a height of 1 m above ground level), including cutting of trunks and branches, removing the roots and stacking of serviceable material and disposal of unserviceable material.				
	Beyond 60 cm girth upto and including 120 cm girth	10	EA	3026.83	30,268.30
					-
7	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level :				
	1:4:8 (1 Cement : 4 coarse sand (zone-III) derived from natural sources : 8 graded stone aggregate 40 mm nominal size derived from natural sources).	93	Cum	6786.00	6,31,098.00
8	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level :				
	1:1.5:3 (1 cement : 1.5 coarse sand (zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	128	Cum	8606.25	11,01,600.00
					-
9	Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc. above plinth level up to floor five level, excluding cost of centering, shuttering, finishing and reinforcement :				
	1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources)	17	Cum	10356.98	1,76,068.66
					-
10	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinth level up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement with 1:1.5:3 (1 cement : 1.5 coarse sand(zone-III) derived from natural sources : 3 graded stone aggregate 20 mm nominal size derived from natural sources).	34	Cum	10661.17	3,62,479.78
					-

11	Centering and shuttering including strutting, propping etc. and removal of form for				
11.1	Foundations, footings, bases of columns, etc. for mass concrete	155	Sqm	401.38	62,213.90
11.2	Lintels, beams, plinth beams, girders, bressumers and cantilevers	547	Sqm	682.13	3,73,125.11
11.3	Columns, Pillars, Piers, Abutments, Posts and Struts	185	Sqm	922.10	1,70,588.50
					-
12	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level and above plinth level				
	Thermo-Mechanically Treated bars of grade Fe-500D or more.	23650	KG	102.28	24,18,922.00
					-
13	Brick work with common burnt clay modular bricks of class designation 7.5 in foundation and plinth in:				
	Cement mortar 1:4 (1 cement : 4 coarse sand)	6	Cum	6701.63	40,209.78
14	Brick work with common burnt clay F.P.S. (modular) bricks of class designation 7.5 in superstructure above plinth level up to floor V level in all shapes and sizes in :				
	Cement mortar 1:4 (1 cement : 4 coarse sand)	96	Cum	9107.78	8,74,346.88
15	Providing and fixing ISI marked flush door shutters conforming to IS : 2202 (Part I) decorative type, core of block board construction with frame of 1st class hard wood and well matched teak 3 ply veneering with vertical grains or cross bands and face veneers on both faces of shutters.				
	35 mm thick including ISI marked Stainless Steel butt hinges with necessary screws	37	Sqm	3424.62	1,26,710.94
16	Extra for providing lipping with 2nd class teak wood battens 25 mm minimum depth on all edges of flush door shutters (over all area of door shutter to be measured).	37	Cum	489.12	18,097.44
17	Providing and fixing IS : 12817 marked stainless steel butt hinges (heavy weight) with stainless steel screws etc. complete				
	125x64x2.50 mm	48	EA	141.62	6,797.76
18	Providing and fixing aluminium sliding door bolts, ISI marked anodised (anodic coating not less than grade AC 10 as per IS : 1868), transparent or dyed to required colour or shade, with nuts and screws etc. complete :				

	300x16 mm	16	EA	347.75	5,564.00
19	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
	300x10 mm	8	EA	226.70	1,813.60
20	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete :				
	125 mm	16	EA	83.08	1,329.28
21	Providing and fixing aluminium hanging floor door stopper, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour and shade, with necessary screws etc. complete.				
	Twin rubber stopper	8	EA	89.78	718.24
22	Providing and fixing carbon steel galvanised (minimum coating 5 micron) dash fastener of 10 mm dia double threaded 6.8 grade (yield strength 480 N/mm ²), counter sunk head, comprising of 10 mm dia polyamide PA 6 grade sleeve, including drilling of hole in frame , concrete/ masonry, etc. as per direction of Engineer-in-charge.				
	10 x 140 mm	48		214.40	10,291.20
					-
23	Steel work in built up tubular (round, square or rectangular hollow tubes etc.) trusses etc., including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer & painting with synthetic enamel paint (two or more coat on new work) of approved brand and manufacture to give an even shade, including welding and bolted with special shaped washers etc. and Painting with synthetic enamel paint of approved brand and manufacture to give an even shade : all complete.				-
	Hot finished seamless type tubes	8700	KG	198.45	17,26,515.00

24	Supplying and fixing rolling shutters of approved make, made of required size M.S. laths, interlocked together through their entire length and jointed together at the end by end locks, mounted on specially designed pipe shaft with brackets, side guides and arrangements for inside and outside locking with push and pull operation complete, including the cost of providing and fixing necessary 27.5 cm long wire springs manufactured from high tensile steel wire of adequate strength conforming to IS: 4454 - part 1 and M.S. top cover of required thickness for rolling shutters.				
	80x1.25 mm M.S. laths with 1.25 mm thick top cover	40	Sqm	3612.40	1,44,496.00
25	Providing and fixing ball bearing for rolling shutters.	8	EA	540.78	4,326.24
26	Extra for providing mechanical device chain and crank operation for operating rolling shutters.				
	Exceeding 10 sqm in area and upto 16.80 sqm in the area	15	Sqm	1304.78	19,571.70
	Exceeding 16.80 sqm in area	25	Sqm	1209.60	30,240.00
27	Providing and fixing pressed steel door frames conforming to IS: 4351, manufactured from commercial mild steel sheet of 1.60 mm thickness, including hinges, jamb, lock jamb, bead and if required angle threshold of mild steel angle of section 50x25 mm, or base ties of 1.60 mm, pressed mild steel welded or rigidly fixed together by mechanical means, including M.S. pressed butt hinges 2.5 mm thick with mortar guards, lock strike-plate and shock absorbers as specified and applying a coat of approved steel primer after pre-treatment of the surface as directed by Engineer-in-charge:				
	Profile C				
	Fixing with carbon steel galvanised dash fastener of required dia and size	64	Mtr	606.28	38,801.92
28	62 mm thick cement concrete flooring with concrete hardener topping, under layer 50 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size) and top layer 12mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate, 6mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per manufacture's specifications. This includes cost of cement slurry, but excluding the cost of nosing of steps etc. complete.	320	Sqm	1023.38	3,27,481.60
					-
29	Providing and fixing glass strips in joints of terrazo/ cement concrete floors.				-
	50 mm wide and 4 mm thick	580	Mtr	95.25	55,245.00

					-
30	Providing & fixing in position Phenol bonded Bamboowood flooring with planks of sizes 14mm thick, minimum 1800mm length and minimum 100 mm wide, in approved colour, texture and finish, having Performance Appraisal Certificate (PAC) issued by Building Materials & Technology Promotion Council (BMTPC). The flooring shall be fixed with tongue and groove interlocking system, with underlayment of 4mm thick expanded polyethylene foam sheets having density 40kg/cum, over prepared surface with necessary quarter round planks of size 1900mm x 18mm and door reducer of size 1900mm x 44mm, wherever required. The bamboowood planks shall have minimum density of 1000 Kg/cum & minimum Hardness 1000 Kgf. with Eco friendly UV coating, all complete as per direction of the Engineer in-charge.	60	Sqm	5890.95	3,53,457.00
31	Providing and laying Vitrified tiles in floor in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS:15622, of approved brand & manufacturer, in all colours and shade, laid on 20 mm thick cement mortar 1:4 (1 cement: 4 coarse sand) jointing with grey cement slurry @3.3 kg/sqm including grouting the joints with white cement and matching pigments etc. The tiles must be cut with the zero chipping diamond cutter only . Laying of tiles will be done with the notch trowel, plier, wedge, clips of required thickness, leveling system and rubber mallet for placing the tiles gently and easily.				
	Glazed vitrified floor tiles polished finish of size				
	Size of Tile 600 x 600 mm	30	Sqm	1512.25	45,367.50
32	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete.				
	Size of Tile 600x600 mm	4	EA	1671.02	6,684.08
33	Providing and fixing on wall face unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion,				-
	(i) Single socketed pipes. 110 mm diameter	90	Mtr	422.47	38,022.30
					-

34	Providing and fixing on wall face unplasticised - PVC moulded fittings/ accessories for unplasticised Rigid PVC rain water pipes conforming to IS : 13592 Type A, including jointing with seal ring conforming to IS : 5382, leaving 10 mm gap for thermal expansion.				
34.1	Coupler 110 mm	32	EA	145.38	4,652.16
34.2	Bend 87.5° 12.42.5.2 110 mm bend	16	EA	156.45	2,503.20
34.3	Shoe (Plain) 110 mm Shoe	16	EA	143.95	2,303.20
					-
35	Providing and fixing unplasticised -PVC pipe clips of approved design to unplasticised - PVC rain water pipes by means of 50x50x50 mm hard wood plugs, screwed with M.S. screws of required length, including cutting brick work and fixing in cement mortar 1:4 (1 cement : 4 coarse sand) and making good the wall etc. complete.				-
	110 mm	80	EA	442.77	35,421.60
					-
36	Providing and fixing precoated galvanised iron profile sheets (size, shape and pitch of corrugation as approved by Engineer-in-charge) 0.50 mm (+ 0.05 %) total coated thickness with zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns. Sheet should have protective guard film of 25 microns minimum to avoid scratches during transportation and should be supplied in single length upto 12 metre or as desired by Engineerin- charge. The sheet shall be fixed using self drilling /self tapping screws of size (5.5x 55 mm) with EPDM seal, complete upto any pitch in horizontal/ vertical or curved surfaces, excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required.	400	Sqm	710.88	2,84,352.00
37	Providing and fixing precoated galvanised steel sheet roofing accessories 0.50 mm (+0.05 %) total coated thickness, Zinc coating 120 grams per sqm as per IS: 277, in 240 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 15-18 microns using self drilling/ self tapping screws complete :				
37.1	Ridges plain (500 - 600mm)	30	Mtr	564.12	16,923.60
37.2	Gutter (600 mm over all girth)	60	Mtr	1231.23	73,873.80
					-
38	12 mm cement plaster of mix :				

	1:4 (1 cement: 4 fine sand)	615	Sqm	330.68	2,03,368.20
39	18 mm cement plaster in two coats under layer 12 mm thick cement plaster 1:5 (1 cement : 5 coarse sand) finished with a top layer 6 mm thick cement plaster 1:6 (1 cement : 6 fine sand).	530	Sqm	498.18	2,64,035.40
40	Extra for providing and mixing water proofing material in cement of plaster work in proportion recommended by the manufacturers.	70	per bag 50kg cement used in the mix	25.70	1,799.00
41	6 mm cement plaster of mix :				-
	3 (1 cement : 3 fine sand)	75	Sqm	325.15	24,386.25
42	Distempering with 1st quality acrylic distemper (ready mixed) having VOC content less than 50 gms/litre, of approved manufacturer and of required shade and colour all complete to achieve even shade and colour				
	New work (two or more coats) over and including water thinnable priming coat with cement primer having VOC content less than 50 gram/litre	615	Sqm	180.22	1,10,835.30
43	Finishing walls with water proofing cement paint of required shade :				
	New work (Two or more coats applied @ 3.84 kg/10 sqm)	605	Sqm	108.97	65,926.85
44	Finishing walls with Acrylic Smooth exterior paint of required shade :				
	New work (Two or more coat applied @ 1.67 ltr/10 sqm over and including priming coat of exterior primer applied @ 0.90 ltr/10 sqm)	605	Sqm	153.53	92,885.65
45	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in- charge.	22	Cum	3457.42	76,063.24
46	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead :				
	Of area beyond 3 sq. metres	15	EA	519.25	

					7,788.75
47	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead :				
	Of area beyond 3 sq. metres	15		217.30	3,259.50
48	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead.				
	For thickness of tiles 10 mm to 25 mm	85	Sqm	80.80	6,868.00
49	Preparation and consolidation of sub grade with power road roller of 8 to 12 tonne capacity after excavating earth to an average of 22.5 cm depth, dressing to camber and consolidating with road roller including making good the undulations etc. and re-rolling the sub grade and disposal of surplus earthwith lead upto 50 metres.	210	Sqm	221.30	46,473.00
50	Supplying and stacking at site				
	63 mm to 45 mm size stone aggregate	32	Cum	1650.35	52,811.20
51	Laying, spreading and compacting stone aggregate of specified sizes to WBM specifications in uniform thickness, hand picking, rolling with 3 wheeled road/vibratory roller 8-10 tonne capacity in stages to proper grade and camber, applying and brooming requisite type of screening / binding material to fill up interstices of coarse aggregate, watering and compacting to the required density .	32	Cum	1128.98	36,127.36
52	Providing and fixing aluminium work for doors, windows, ventilators and partitions with extruded built up standard tubular sections/appropriate Z sections and other sections of approved make conforming to IS: 733 and IS: 1285, fixing with dash fasteners of required dia and size, including necessary filling up the gaps at junctions, i.e. at top, bottom and sides with required EPDM rubber/ neoprene gasket etc. Aluminium sections shall be smooth, rust free, straight, mitred and jointed mechanically wherever required including cleat angle, Aluminium snap beading for glazing / paneling, C.P. brass / stainless steel screws, all complete as per architectural drawings and the directions of Engineer-in-charge. (Glazing, paneling and dash fasteners to be paid for separately) :				
	For fixed portion				
	Powder coated aluminium (minimum thickness of powder coating 50 micron)	2040	Kg	514.97	10,50,538.80

53	Providing and fixing glazing in aluminium door, window, ventilator shutters and partitions etc. with EPDM rubber / neoprene gasket etc. complete as per the architectural drawings and the directions of engineer-in-charge . (Cost of aluminium snap beading shall be paid in basic item):				
	With float glass panes of 5 mm thickness (weight not less than 12.50 kg/sqm)	115	Sqm	1458.42	1,67,718.30
54	Filling the gap in between aluminium frame & adjacent RCC/ Brick/ Stone work by providing weather silicon sealant over backer rod of approved quality as per architectural drawings and direction of Engineer-in-charge complete				
	Upto 5mm depth and 5 mm width	200	Mtr	113.25	22,650.00
	Providing and fixing aluminium casement windows fastener of required length for aluminium windows with necessary screws etc. complete.				
	Powder coated minimum thickness 50 micron aluminium	200	EA	152.65	30,530.00
55	Boring , Providing and installing cast in situ single under reamed piles of specified diameter and length below pile cap in M-25 cement concrete, to carry a safe working load not less than specified, excluding the cost of steel reinforcement but including the cost of boring with bentonite solution and the length of the pile to be embedded in pile cap etc. all complete. (Length of pile for payment shall be measured upto to the bottom of pile cap)				
	300 mm dia pile	275	Mtr	2333.33	6,41,665.75
					-
	Total cost of civil works including 18% GST				1,27,33,135.17
B	Consultancy services for designing of sub structural and super structural members Avg cost and submission of drawings.	1	AU		3,78,189.02
	GST on B				68,074.02
	Total cost				1,31,79,398.21
	percentage above(+) or percentage below(-) to be quoted by firm				
	Grand Total Amount including 18% GST after quoted price(percentage above(+) or percentage below(-)				

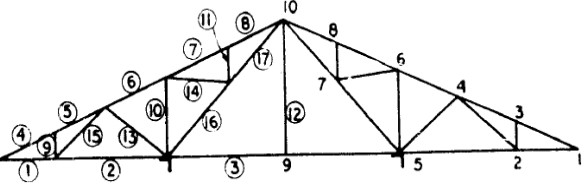
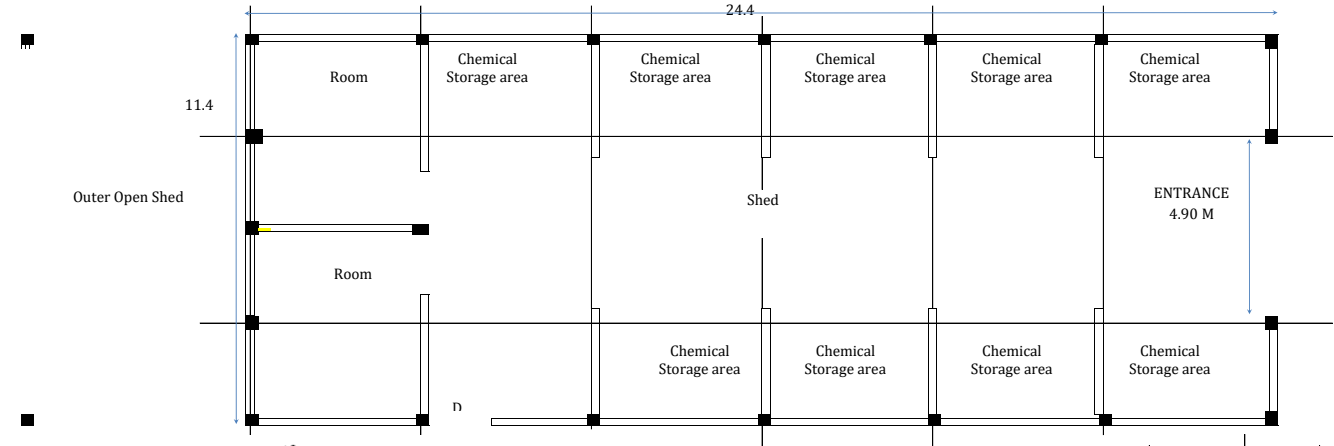
Note:- 1) The contractor shall give rate above(+) or below(-) as a SINGLE PERCENTAGE RATE only for all the items as mentioned above. Same Single quoted discount rate given by bidder shall be applicable on each items of tender and also in all items of DSR rate for Civil & Electrical Work.

Name of Work :- Construction of Store room for RO plant- Electrical works					
Annexure-B					
SN	Item Description	Qty	Unit	Rate	Amount
1	Supply of 80 watt High Bay light	16	EA	11,327.00	1,81,232.00
2	Supply of 4 way SPN DB with 04 nos Sp 2A MCB and 1 no. DP 6A MCB	4	EA	9,655.00	38,620.00
3	Supply of 4 way DB with 04 nos DP 6A MCB and 01 no. DP 32A MCB & RCCB	1	EA	15,335.00	15,335.00
4	Supply of 0.75 sqmm CU wire	800	Mtr	19.47	15,576.00
5	Supply of 1.5 sqmm CU wire	500	Mtr	28.45	14,225.00
6	Supply of 3 core 4 Sqmm copper armoured cable	500	Mtr	209.14	1,04,570.00
7	Supply of 12 mm PVC conduit pipe	1000	Mtr	65.00	65,000.00
8	Installation of above items with necessary supporting accessories	1	AU	65,000.00	65,000.00
	Total Without GST				4,99,558.00
	GST @ 18 %				89,920.44
	Total				5,89,478.44
	percentage above(+) or percentage below(-) to be quoted by firm				
	Grand Total Amount including 18% GST after quoted price(percentage above(+) or percentage below(-))				

Note:- 1) The contractor shall give rate above(+) or below(-) as a SINGLE PERCENTAGE RATE only for all the items as mentioned above. Same Single quoted discount rate given by bidder shall be applicable on each items of tender and also in all items of DSR rate for Civil & Electrical Work.

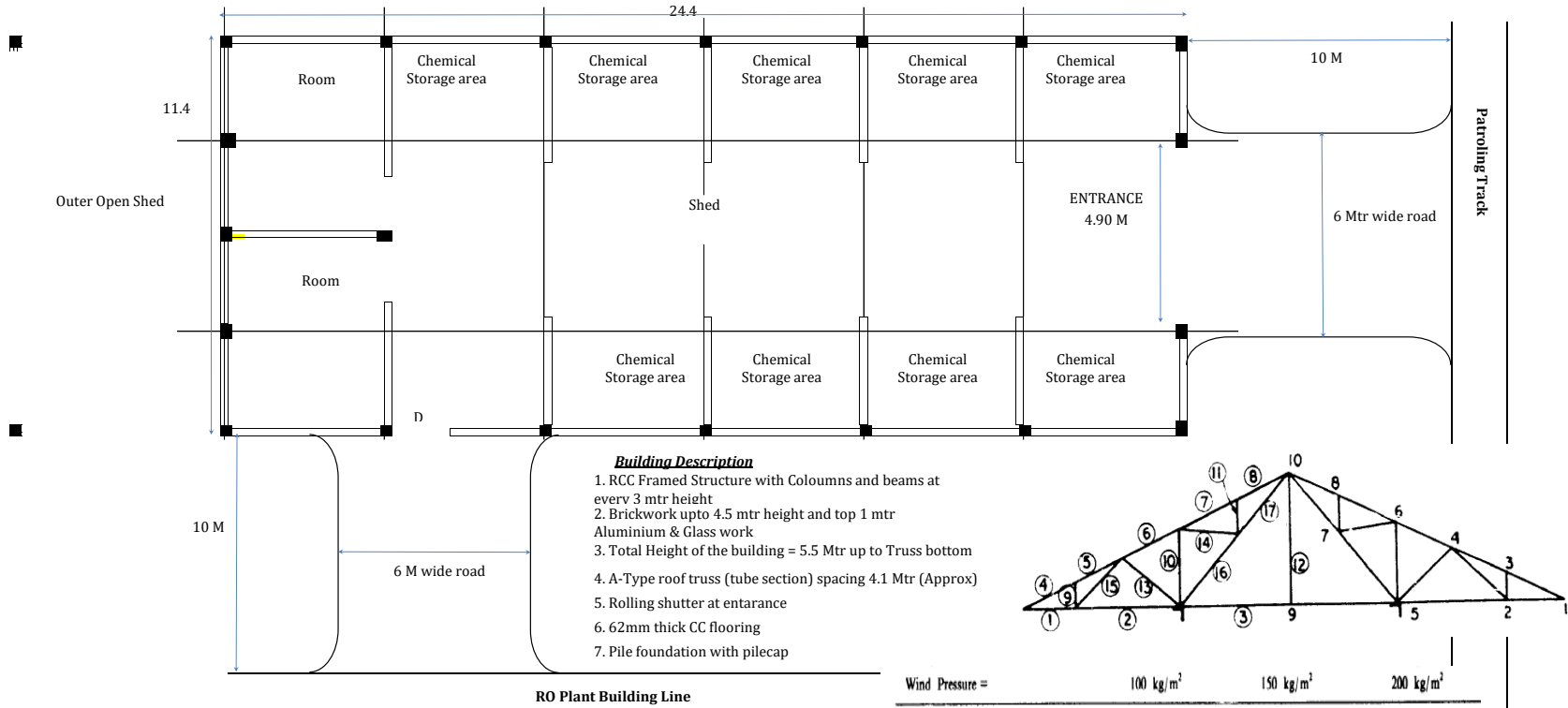
Construction of Store Room for RO Plant		
S.N.	Description	Total Price inclusive all
1	Civil Work	
2	Electrical Work	
Grand Total		
Grand Total in Words Only		

Note:- The evaluation of L1 bidder shall be based on the lowest consolidated Grand Total offered by the bidder in Annexure A & B of this tender document.



Wind Pressure =			100 kg/m ²		150 kg/m ²		200 kg/m ²	
MEMBERS	Nos.	LENGTH (m)	SPACING (m)		SPACING (m)		SPACING (m)	
			4.5	6.0	4.5	6.0	4.5	6.0
TIE	1	1.20	90L	100L	90L	100L	100L	125M
TIE	2	2.40	90L	100L	90L	100L	100L	125M
TIE	3	2.40	90L	100L	90L	100L	100L	125M
RAFTER	4	1.22	90L	100L	90L	100L	90L	100L
RAFTER	5	1.22	90L	100L	90L	100L	90L	100L
RAFTER	6	1.22	90L	100L	90L	100L	90L	100L
RAFTER	7	1.22	90L	100L	90L	100L	90L	100L
RAFTER	8	1.22	90L	100L	90L	100L	90L	100L
WEB	9	0.24	25L	32L	25L	32L	25L	32L
WEB	10	0.72	20M	20M	20M	20M	20M	20M
WEB	11	0.36	25L	32L	25L	32L	25L	32L
WEB	12	1.20	20M	20M	20M	20M	20M	20M
WEB	13	1.29	25L	32L	25L	32L	25L	32L
WEB	14	1.21	20M	25L	20M	25L	25L	25L
WEB	15	1.29	25L	32L	25L	32L	32L	32L
WEB	16	1.34	40L	50L	50L	50L	65L	65L
WEB	17	1.34	40L	50L	50L	50L	65L	65L

- Building Description
1. RCC Framed Structure with Coloumns and beams at every 3 mtr height
 2. Brickwork upto 4.5 mtr height and top 1 mtr Aluminium & Glass work
 3. Total Height of the building = 5.5 Mtr up to Truss bottom
 4. A-Type roof truss (tube section) spacing 4.1 Mtr (Approx
 5. Rolling shutter at entrance
 6. 62mm thick CC flooring
 7. Pile foundation with pilecap



Aluminium work 4X1 & 11X1

Wind Pressure =			100 kg/m ²		150 kg/m ²		200 kg/m ²	
			SPACING (m)		SPACING (m)		SPACING (m)	
MEMBERS	NOS.	LENGTH (m)	4.5	6.0	4.5	6.0	4.5	6.0
TIE	1	1.20	90L	100L	90L	100L	100L	125M
TIE	2	2.40	90L	100L	90L	100L	100L	125M
TIE	3	2.40	90L	100L	90L	100L	100L	125M
RAFTER	4	1.22	90L	100L	90L	100L	90L	100L
RAFTER	5	1.22	90L	100L	90L	100L	90L	100L
RAFTER	6	1.22	90L	100L	90L	100L	90L	100L
RAFTER	7	1.22	90L	100L	90L	100L	90L	100L
RAFTER	8	1.22	90L	100L	90L	100L	90L	100L
WEB	9	0.24	25L	32L	25L	32L	25L	32L
WEB	10	0.72	20M	20M	20M	20M	20M	20M
WEB	11	0.36	25L	32L	25L	32L	25L	32L
WEB	12	1.20	20M	20M	20M	20M	20M	20M
WEB	13	1.29	25L	32L	25L	32L	25L	32L
WEB	14	1.21	20M	25L	20M	25L	25L	25L
WEB	15	1.29	25L	32L	25L	32L	32L	32L
WEB	16	1.34	40L	50L	50L	50L	65L	65L
WEB	17	1.34	40L	50L	50L	50L	65L	65L