



LOCAL HEAD OFFICE,
BHUBANESWAR,
ODISHA – 751001.

(Technical Bid)

TENDER FOR VARIABLE REFRIGERANT FLOW (VRF) AIR-CONDITIONING SYSTEM WORK FOR
JATNI BRANCH (BR. CD. 02071) AT BANK'S OWN BUILDING, RBO KHURDA.

TENDER ID: BHU/P&E/25-26/01
Date: 26.04.2025

Eligibility Criteria: SBI (LHO, Bhubaneswar) approved Air-Conditioner vendor under **Category Group – ACB & ACA** are only eligible to participate in this tender. Vendor / Contractor should possess valid digital signature for this e-tender.

Name of the Tenderer.....

Address:.....

.....

GSTIN:.....

(Eligible for doing business at Orissa)

NOTICE INVITING E-TENDER (NIT)

Tender ID: BHU/P&E/25-26/01

Date: 26.04.2025

State Bank of India, Local Head Office, Bhubaneswar invites tender in two bid system from **Empaneled Air-Conditioning work vendors** under **category ACB & ACA of Bhubaneswar Circle** are competent to participate through two bid online tendering system through <https://www.tenderwizard.com/SBIETENDER> portal. All interested bidders should visit the proposed site / location before submission of bid.

Details of tender is as under:

1	Name of Work	Air-Conditioning Works of Jatni Branch (Br. Cd. 02071) at Bank's Own Premises, RBO Khurda.
2	Tenders shall remain valid for	For a period of 90 days from the date of opening of price bid of tender.
3	Earnest Money Deposit (EMD)	<p>a) Rs.23,700.00 (Rupees Twenty Three Thousand Seven Hundred only) as EMD submitted in the form of DD in favor of “Assistant General Manager, State Bank of India” payable at Bhubaneswar on or before 12:00 PM, 09.05.2025 at LHO, Bhubaneswar.</p> <p>b) Contractors submitting one time EMD for EMD exemption need to update the scan copy online without fail.</p> <p>Note: <u>MSME certificate will not be entertained for exemption of EMD.</u></p>
4	Initial Security Deposit (ISD)	The amount of initial security deposit shall be 2% of the accepted tender amount including the EMD in the same form as of EMD or Bank Guarantee issued by the scheduled Bank other than SBI. The initial security deposit is to be paid by the contractor to the Bank within 15 (fifteen) days of intimation to him of the acceptance of his tender.
5	Time allowed for completion	45 days from the date of issue of work order.
6	Estimated Cost	Rs.23,60,892.28 + G.S.T. (as per Government Rules)
7	Availability of Tender Documents	Tender documents to be downloaded either from Bank's website or from e-tender portal www.tenderwizard.com/SBIETENDER
8	Tender document downloading Start Date	From 11:00 AM on 26.04.2025
9	Last date and time for receipt of written queries for clarification from bidders in Pre-Bid meeting.	On or before 12:00 PM on 01.05.2025; All communication regarding queries requiring clarification shall be submitted by mail to agmpre.lhobhu@sbi.co.in and copy to tanpan.behera1@sbi.co.in & bodduri.pratap@sbi.co.in strictly as per the excel format mentioned in the <u>Annexure-VII</u> (only queries submitted by the bidders within the stipulated date & time shall be considered and clarified)
10	Pre-Bid Clarifications	03.05.2025 (Clarifications, if any, shall be posted only on the Bank's website and e-tendering agency portal. No individual communication shall be provided to the Bidder)
11	Tender document downloading End Date	Up to 12:00 PM on 09.05.2025
12	Last date and time of submission of technical bid & price bid	Up to 02:30 PM on 09.05.2025
13	Date and time of opening of technical bid	On 09.05.2025 at 03:00 PM
14	Date and time of opening of Price bid	On 09.05.2025 at 03:10 PM
15	Commencement of work	Within 30 days from the date of issue of work order
16	Payment terms	a) Interim / Part Payment of 75% of the total cost of the

		machine towards delivery of the equipment at site; b) Final payment shall be released on successful commissioning of all entire VRF HVAC system.
17	Documents to be submitted along with the tax invoice	i) A copy of Invoice for purchase of copper pipe (for Split / Cassette ACs mentioned in the Price Bid). ii) A copy of Approved Layout of installation of Air-Conditioning works. iii) A copy of Delivery of AC equipment at site for RA bill viz. Up to 75% of the cost of the machine (section-A of price bid) and completion certificate for the payment of final bill signed by the Chief Manager.
18	For any details contact	Assistant General Manager (P&E): +91 9937833834
19	For E-Tender related queries	<u>Service provider:</u> M/s Antares Systems Limited, Registered Office at: - #24, Sudha Complex, <u>3rd Stage, 4th Block,</u> Bangalore – 560079. Ph: - 080-49352000 / 40482000 Fax: - 080-49352034 <u>Help Desk:</u> 9073677150/ 151/ 152/ 9674758506/ 9674758723/ 26/ 033 4604 6611 Contact Person: Mr. Kushal Bose / Mr. Biswajith Mobile no. 09674758719 / 09674758723 (On working days-9 hours–18 hours) e-mail: kushal.b@antaressystems.com / biswajit.c@antaressystems.com
	Notes:	
a)	Vendors who are empaneled for air-conditioning works of SBI Bhubaneswar Circle under Category ACB & ACA are only eligible for the above mentioned work.	
b)	Any abnormal increase from the quoted price / cost will not be acceptable.	
c)	The Bank reserves the right to reject any or all the tenders without assigning any reason.	
d)	Electronically Sealed e-tenders are invited from the SBI empaneled air-conditioning vendors in two parts, i.e. Technical Bid and Price Bid separately . Technical Bid and Price Bid to be submitted online on the website www.tenderwizard.com/SBIETENDER . ** No bid shall be accepted offline. <u>(a) Technical Bid:</u> Techno-commercial envelope called “Electronic Format of Technical Bid” shall contain the following documents: i) Scan copy of EMD / One-Time EMD as per NIT; ii) Electronic form of Technical Bid; iii) Scan copy of valid dealership certificate from the Air-Conditioning manufacturer (OEM), process compliance form and letter of undertaking along with company seal and signature should be uploaded online. Technical Bid will be opened as per above mentioned date & time in the presence of Tenderers who desire to attend. The tenderers can view the Tender opening details through their respective log in Ids on the above mentioned e-tender portal (Website). <u>(b) Price Bid:</u> Shall contain the Electronic format of Price Bid. No condition / stipulation other than unconditional general rebate shall be accepted. Price Bid will be opened only of those bidders who are successfully in Technical Bid after through scrutiny. The contractor / vendor can view the Tender opening details through their respective log in Ids on the above mentioned e-tender portal (Web-	

	site).
e)	The Bidder is expected to examine all instructions, forms, terms and specifications in the bid documents. Failure to furnish all information required as per the Bid Documents or submission of bids not substantially responsive to the Bid Documents in every respect will be at the bidder's risk and shall result in rejection of the bid.
f)	In case the date of opening of tenders is declared as a holiday, the tenders will be opened on the next working day at the same time.
g)	The Bank reserves the right to reject all tenders without assigning any reason whatsoever.
h)	Bidder should submit all the Annexures mentioned in the tender without fail. In case, bidder fails to submit any annexure, shall result in rejection of the bid
	<div><div>E-TENDERING INSTRUCTIONS TO BIDDERS</div><div><p>General</p><p>State Bank of India hereby publish the TENDER on e-tendering Portal (Website) www.tenderwizard.com/SBIETENDER in Electronic mode hereinafter referred as “e Tendering” and TENDER will be hereunder called as “e-Tender”. The e-tender published online through above portal (website) consisting of standard tender conditions, specifications, schedule of quantities, drawings (if any) for above referred work. Please note that copy of the above e-tender can be downloaded from above portal (website) and should be mandatorily submitted in Online Electronic Mode hereinafter referred as “Online Offer”. The submission of Online offer duly Encrypted & Digitally signed on above portal should be in prescribed Electronic Forms (Online) available on above portal for respective tender in Online Envelope(s) on or before as per the key Dates mentioned in the Tender Notice in this document and online portal for above tender.</p><p>Instructions:</p><p>1. Tender Bidding Methodology:</p><p>Electronically Sealed Bid System – Two Stage (Two Envelopes) after opening of Financial-part.</p><p>2. Broad outline of activities from Bidders prospective:</p><div><div>i) Procure a Digital Signing Certificate (DSC).</div><div>ii) Register on the e-Procurement portal www.tenderwizard.com/SBIETENDER.</div><div>iii) Create Users and assign roles on the above portal.</div><div>iv) View Notice Inviting Tender (NIT) on the above portal.</div><div>v) Download Official Copy of Tender Documents from the above portal.</div><div>vi) Clarification to Tender Documents on the above portal.</div><div>vii) Bid-Submission on the above portal.</div><div>viii) Attend Public / Limited Online Tender Opening Event (TOE) on the above portal – Opening of Technical-Part.</div><div>ix) Post-TOE Clarification on the above portal (Optional) – Respond to SBI's Post - TOE queries.</div><div>x) Attend Public/Limited Online Tender Opening Event (TOE) on the above portal – Opening of Financial-Part (Only for Technical Responsive Bidders).</div></div><p>3. Digital Certificates:</p><p>For integrity of data and authenticity/ non-repudiation of electronic records, and to be complaint with IT Act 2000, it is necessary for each user to have a Digital Certificate (DC). also referred to as Digital Signature Certificate (DSC), of Class II or above, issued by a Certifying Authority (CA) licensed by Controller of Certifying Authorities (CCA) [refer http://www.cca.gov.in].</p><p>4. Registration:</p><p>To use the Electronic Tender portal www.tenderwizard.com/SBIETENDER, vendors need to register on the portal. Registration of each organization is to be done by one of its senior persons vis-a-vis Authorized Signatory who will be the main person coordinating for the e-tendering activities. In the above portal terminology, this person will be referred to as the Super User (SU) of that organization. For further details, please visit the website/portal, and follow further instructions as given on the site.</p></div></div>

Note: After successful submission of Registration details please contact to the Help desk of the portal to get your registration accepted/activated.

Help Desk:

Contact Person: Mr. Kushal Bose / Mr. Biswajith
Mobile no. 09674758719 / 09674758723 (On working days-9 hours–18 hours)
e-mail: kushal.b@antaressystems.com / biswajit.c@antaressystems.com

5. Bidding related Information for this Tender (Sealed Bid):

The entire bid-submission would be online on the portal. Broad outline of submissions are as follows:

- i) Submission Earnest Money Deposit (EMD);
- ii) Submission of digitally signed copy of Tender Documents / Addendum;
- iii) Power of Attorney, Two Envelopes, - Technical & Price Bid, each of the above electronic envelopes (both mandatory) and bid annexure, if any (Optional).

NOTE: Please note that above e-Tendering system is an automatically time locked system which will be locked immediately as soon as due date and time is over and will not accept any offer after that. So, the tenderers are strictly advised to do their process well before the due date and time to avoid any such instances.

6. Tender Opening Event (TOE):

The e-Procurement portal offers a unique facility for 'Public/Limited Online Tender Opening Event (TOE)'. Tender Opening Officers as well as authorized representatives of bidders can attend the Public/Limited Online Tender Opening Event (TOE) from the comfort of their offices. For this purpose, representatives of bidders (i.e. Supplier organization) duly authorized are requested to carry a Laptop and Wireless Connectivity to Internet. Every legal requirement for a transparent and secure 'Public/Limited Online Tender Opening Event (TOE)' has been implemented on the portal. As soon as a Bid is decrypted with the corresponding 'Pass-Phrase' as submitted online by the bidder himself (during the TOE itself), salient points of the Bids are simultaneously made available for downloading by all participating bidders. The tedium of taking notes during a manual 'Tender Opening Event' is therefore replaced with this superior and convenient form of 'Public/Limited Online Tender Opening Event (TOE)'. The portal has a unique facility of 'Online Comparison Chart' which is dynamically updated as each online bid is opened. The format of the chart is based on inputs provided by the Buyer for each Tender. The information in the Comparison Chart is based on the data submitted by the Bidders. A detailed Technical and/ or Financial Comparison Chart enhance Transparency. Detailed instructions are given on relevant screens. The portal has a unique facility of a detailed report titled 'Minutes of Online Tender Opening Event (TOE)' covering all important activities of 'Online Tender Opening Event (TOE)'. This is available to all participating bidders for 'Viewing/ Downloading'. There are many more facilities and features on the portal. For a particular tender, the screens viewed by a Supplier will depend upon the options selected by the concerned Buyer.

IMPORTANT NOTE: In case of internet related problem at a bidder's end, especially during 'critical events' such as – a short period before bid-submission deadline, during online public/limited tender opening event, during e-tender, it is the bidder's responsibility to have backup internet connections. In case there is a problem at the e-procurement/ e tender service-provider's end (in the server, leased line, etc.) due to which all the bidders face a problem during critical events, and this is brought to the notice of SBI by the bidders in time, then SBI will promptly re-schedule the affected event(s).

7. Minimum Requirements at Bidders end:

In order to operate on the electronic tender management system, the user's machine is required to be set up. The machine must have running XP service Pack 3 or higher version of Windows like Vista or Window 7. Also need to install Mozilla Fire fox web browser and latest Version of Java.

For and behalf of
State Bank of India

2. BUSINESS RULES FOR ONLINE TENDER

TENDER FOR AIR-CONDITIONING WORK OF JATNI BRANCH (BR. CD. 02071) AT BANK'S OWN PREMISES, RBO KHURDA,

Against this Enquiry for the subject item/system with detailed scope of supply as per our specification, SBI to conduct ON LINE BIDDING on INTERNET. For the proposed online bidding, **SBI empaneled vendors under air-conditioning works Category ACB & ACA** for the said purpose who fulfill all terms and conditions including deposit of earnest money only shall be eligible to participate.

1. SBI will engage the services of a service provider who will provide all necessary training and assistance before commencement of on line bidding on Internet.
2. SBI will inform the vendor in writing in case of online bidding, the details of service provider to enable them to contact and get trained.
3. Business rules like event date, time, start price, bid decrement, extensions, etc. also will be communicated through service provider for compliance.
4. Vendors have to fax the compliance form in the prescribed format (provided by service provider) before start of online bidding. Without this the vendor will not be eligible to participate in the event.
5. Opening of online bids will be conducted on schedule date & time.
6. At the end of online bidding event, the lowest bidder value will be known on the network.
7. The lowest bidder has to fax the duly signed filled-in prescribed format as provided on case-to-case basis to SBI through service provider within 24 hours of completion of auction without fail.
8. Any variation between the on-line bid value and signed document will be considered as sabotaging the tender process and will invite disqualification of vendor to conduct business with SBI as per prevailing procedure.
9. In case SBI decides not to go for online bidding on procedure for this tender enquiry, the price bids and price impacts, if any already submitted and available with SBI shall be opened as per SBI standard practice.

Business Rule for finalization of the Tender

SBI shall finalize the tendering process of the item through online bidding mode. SBI has made arrangement with M/s Antares Systems Limited (ASL), Bangalore who shall be SBI's authorized service provider for the same. Please go through the guidelines given below and submit your acceptance to the same along with your Commercial Bid.

1. Computerized Online tendering shall be conducted by SBI, on pre-specified date, while the vendors shall be quoting from their own offices/ place of their choice. Internet connectivity and other paraphernalia requirements shall have to be ensured by vendors themselves. In the event of failure of their Internet connectivity, (due to any reason whatsoever it may be) it is the bidders responsibility / decision to send fax communication, immediately to ASL furnishing the price, the bidder wants to bid online, with a request to ASL to upload the faxed price on line so that the service provider will up load that price on line on behalf of the Bidder. It shall be noted clearly that the concerned bidder communicating this price to service provider has to solely ensure that the fax message is received by ASL in a readable / legible form and also the Bidder should simultaneously check up with ASL over phone about the clear receipt of the price faxed. It shall also be clearly understood that the bidder shall be at liberty to send such fax communications of prices to be up loaded by ASL only before the closure of Bid time and under no circumstances it shall be allowed beyond the closure of bid time. Such bidders have to ensure that the service provider is given a reasonable required time by the bidders, to upload such faxed prices online and if such required time is not available at the disposal of ASL at the time of receipt of the fax message from the bidders, ASL will not be uploading the prices. It is to be noted that either SBI or ASL are not responsible for these unforeseen circumstances. In order to ward-off such contingent situation, bidders are requested to make all the necessary arrangements / alternatives whatever required so that they are able to circumvent such situation and still be able to participate in the online bidding successfully. However, the vendors are requested not to wait till the last moment to quote their bids to avoid any such complex situations.

2. ASL shall arrange to train your nominated person(s), without any cost to you. They shall also explain you, all the Rules related to the Tendering/ Business Rules Document to be adopted along with bid manual. You are required to give your compliance on it before start of bid process.

3. **BIDDING CURRENCY AND UNIT OF MEASUREMENT:** Bidding will be conducted in Indian Rupees (INR) per -one- (Unit) of the items.

4. **BID PRICE:** The Bidder has to quote the Total cost to SBI of the items specified inclusive of all taxes, duties, freight, service tax, overhead, contractor's profit etc.

5. **VALIDITY OF BIDS:** The Bid price shall be firm for a period of three calendar months from the date of acceptance of tender which may be extended for a further period subject to mutual agreement.
6. The bidder has to provide a detail break up for his commercial offer in the prescribed format as given by the Bank.
7. Your bid will be taken as an offer to supply. Bids once made by you, cannot be cancelled / withdrawn and you shall be bound to supply as mentioned above at your final bid price. Should you back out and not execute the work as per the rates quoted, the earnest money deposited by you with us in this regard shall be forfeited without further reference to you.
8. You shall be assigned a Unique User Name & Password by ASL. You are advised to change the Password after the receipt of initial Password from ASL to ensure confidentiality. All bids made from the Login ID given to you will be deemed to have been made by your company.
9. At the end of the online Tendering process, SBI will decide upon the winner. SBI's decision on award of Contract shall be final and binding on all the Bidders.
10. SBI shall be at liberty to cancel the tender at any time, before ordering, without assigning any reason.
11. SBI shall not have any liability to bidders for any interruption or delay in access to the site irrespective of the cause.
12. Other terms and conditions shall be as per your techno-commercial offers and other correspondences till date.
13. You are required to submit your acceptance to the terms / conditions / modality given above before participating in the online bidding.
14. Successful bidder shall enter into a contract with the bank to carry out the work as per Bank's standard format.
15. **OTHER TERMS & CONDITIONS:**
 - i) The Bidder shall not involve himself or any of his representatives in Price manipulation of any kind directly or indirectly by communicating with other suppliers / bidders.
 - ii) The Bidder shall not divulge either his Bids or any other exclusive details of SBI to any other party.
 - iii) SBI's decision on award of Contract shall be final and binding on all the Bidders.
 - iv) SBI along with ASL can decide to extend, reschedule or cancel any Auction. Any changes made by SBI and / or ASL, after the first posting will have to be accepted if the Bidder continues to access the site after that time.
 - v) ASL shall not have any liability to Bidders for any interruption or delay in access to the site irrespective of the cause.
 - vi) ASL is not responsible for any damages, including consequential damages, including but not limited to systems problems, inability to use the system, loss of electronic information etc.
 - vii) All the bidders are requested to ensure that they have a valid digital certificate well in advance to participate in the online event
 - viii) All the Bidders are required to submit the Agreement Form (Annexure- I) duly signed to M/s Antares Systems Limited (ASL), Bangalore before due date.
 - ix) After the completion of the Auction event, all the Bidders have to submit the Price Breakup immediately to M/s Antares Systems Limited (ASL), Bangalore for further proceedings.

Annexure-I

Process Compliance Form

(The bidders are required to print this on their company's letter head and sign, stamp before faxing)

To

Date:

M/s Antares Systems Limited,
Registered Office at: - #24, Sudha Complex,
3rd Stage, 4th Block,
Bangalore – 560079.
Ph: - 080-49352000 / 40482000
Fax: - 080-49352034

Sub: Agreement to the Process related Terms and Conditions for the online bidding

Dear Sir,

This has reference to the Terms & Conditions for the online bidding mentioned in the Tender for AIR-CONDITIONING WORK OF JATNI BRANCH (BR. CD. 02071) AT BANK'S OWN PREMISES, RBO KHURDA, TENDER ID: BHU/P&E/25-26/01 DATED 26.04.2025

This letter is to confirm that:

- 1) The undersigned is authorized representative of the company.
- 2) We have studied the Commercial Terms and the Business rules governing the online bidding and the RFP as mentioned in your letter and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the auction tool and have understood the functionality of the same thoroughly.
- 4) We confirm that SBI Group and ASL shall not be liable & responsible in any manner whatsoever for my/our failure to access & bid on the e-auction platform due to loss of internet connectivity, electricity failure, virus attack, problems with the PC, any other unforeseen circumstances etc. before or during the auction event.
- 5) We understand that in the event we are not able to access the auction site, we may authorize ASL to bid on our behalf by sending a fax containing our offer price before the auction close time and no claim can be made by us on either State Bank Group or ASL regarding any loss etc. suffered by us due to acting upon our authenticated fax instructions.
- 6) I/we do understand that ASL may bid on behalf of other bidders as well in case of above mentioned exigencies.
- 7) We also confirm that we have a valid digital certificate issued by a valid Certifying Authority.
- 8) We also confirm that we will fax the price confirmation & break up of our quoted price as per Price Bid and the format as requested by SBI / ASL.
- 9) We, hereby confirm that we will honor the Bids placed by us during the auction process.

With regards

Signature with company seal

Date:

Name –

Company / Organization –

Designation within Company / Organization –

Address of Company / Organization

3. GENERAL TERMS AND CONDITIONS OF CONTRACT

1. Completion period:

a. The completion period for Air-Conditioning Work of JATNI BRANCH (BR. CD. 02071) AT BANK'S OWN PREMISES, RBO KHURDA along with the entire finishing work is 45 (Forty Five) days from the date of issue of the work order, failing which the Bank may impose liquidated damage of 0.5% of the total cost per week, subject to maximum of 5% of the total work order value. If the work is not carried out within the timeline, the EMD will be forfeited.

b. The vendor shall have to make arrangements for all tools, hardware, spare parts and items, including skilled and unskilled manpower etc., which are necessary for carrying out the work effectually, at his own cost. The entire Air-Conditioning Work shall be carried out to the satisfaction of the Bank. The Bank shall have full discretion to terminate the contract any time subject to notice of seven days. In such circumstances, no compensation, whatsoever, shall be payable by the Bank to the vendor.

c. If the authorized accepted vendor fails to execute and complete the work within the stipulated time, the Principals, who has given authorization for empanelment / participation in the tender, will be fully responsible for completion of the work within the stipulated time including supply, installation, commissioning, of the Air-Conditioning Work ordered by the Bank as per original terms & conditions agreed upon by the tenderer.

2. Terms of Payment

a) Interim / Part Payment of 75% of the total cost of the machine towards delivery of the equipment at site; Final payment shall be released on successful commissioning of all entire VRF HVAC system.

b. **95% of the Bill value claimed against the work will be released against completion of the works as mentioned in the NIT, within 30 days. Balance 5% of the work value will be treated as Retention Money/ Security Deposit, which will be released, subject to recovery of penalties, if any, on completion of defect liability period of one year from the date of payment of the final bill subject to satisfactory service having been rendered during the period.**

3. Earnest money Deposit, Initial Security Deposit (ISD) & Additional Security Deposit (ASD):

a) Earnest Money Deposit:

The bidder/ contractor has to submit the EMD of **Rs.23,700.00 (Rupees Twenty Three Thousand Seven Hundred only)** as mentioned in NIT. Technical bid without EMD shall be rejected. The bidders who have already submitted on time EMD shall attach the photocopy and submit the same with Technical bid.

b) Initial Security Deposit:

An amount @ 2% of the work order value less EMD is required to be deposited to the “**Assistant General Manager (P&E), Bhubaneswar**” as ISD on or before issuing the work order through demand draft in favour of “**SBI**” payable at **Bhubaneswar**. Please note that such ISD shall not carry any interest. If the work is not initiated within 30 (Thirty) days of issue of Work Order, the EMD of Rs.23,700.00 will be forfeited.

c) Additional Security Deposit:

Additional Security deposit (ASD)/Additional performance Guarantee (APG) shall be applicable if the bid price is below 10% of the estimated cost put to tender. The amount of such ASD/ APG shall be the difference between 90% of estimated cost put to tender and the quoted price. ASD in the format of DD / Banker's Cheque / Bank Guarantee shall be submitted within 15 days of intimation of award of work / work order, without which the contractor will not be allowed to start the work and failure of submission of ASD will result in forfeiture of EMD and cancellation of tender.

For e.g, if a contractor is quoting 15% below the estimated cost put to tender (i.e. 85% of the estimate), then ASD of 5% of estimated cost is required to be obtained from the contractor (90%-85%).

4. Rate:

a. Rate quoted should be inclusive of **all taxes except GST, duties, freight, labor charge, profit & overhead** etc. Bank shall not entertain any claim on these accounts or any other accounts afterwards, however **GST will be paid on actual basis.**

b. All expenses towards insurance of the materials etc., till the work is completed at the bank shall be borne by the vendor.

c. The rates quoted shall be inclusive of all costs and charges including transportation of the workmen, materials and the cost for consumables, steps for disposal of unwanted rubbish as per prevailing Municipality/ local authority Law, cleaning of the whole of the area, and any other activity or work, which are ancillary or connected with the nature of services mentioned in the tender terms and conditions.

- d. The amount stated in the tender shall also be inclusive of all taxes and charges, including Excise duty, Service tax or any other taxes which are applicable as on date or may be levied by the State or Central Govt. or any Authorities in future also.
- e. All statutory deductions including towards Income Tax, Sales Tax, and Security Deposit or under any Local Acts, etc shall be deducted from the amount payable to the vendor.
- f. No price escalation of the amount quoted in the tender is permissible under any circumstances during the contract.
- g. By accepting the work order from the SBI the vendor shall assume all responsibility to indemnify the SBI in case of any damage or loss caused to the Bank, its building, structure, furniture or equipments or any accident or injury or harm caused to any person, due to the fault of the vendor or any of his / their employees. The SBI shall be entitled to deduct the amount of such loss or damage from the amount payable to the vendor.
- h. Accepted Lowest Rates will be valid for a period of **SIX MONTHS** from the date of acceptance of tender which may be extended for a further period subject to mutual agreement.

5. Other Terms and Conditions:

- a. That the tenderer shall engage fully trained and adequately experienced workmen, who are medically fit, with proven integrity. They should be free from all infectious diseases. The tenderer/ vendor shall ensure that workmen observe cleanliness and they are courteous polite and prompt while rendering the services.
- b. The tenderer should acquaint himself with the site conditions, rules and regulations issued by the local authorities, availability of materials, applicable labor laws, etc., and quote the rates accordingly. No extra charges / increase in the rate shall be considered on any account, under any circumstances.
- c. The rates quoted shall cover for all sorts of works including works, ancillary and necessary for other related works, etc. If rates quoted by the tenderer are found inconsistent and overall tender is abnormally low or high for any specific item(s), the SBI reserves the right to reject such tenders.
- d. The tenderer shall make his own arrangement for procuring all the materials required for execution of the above work and may store the same at site at his own risk & cost.
- e. In case any permission, license or approval from any Municipal, Local authorities or any other Govt. Authorities is necessary, it will be vendor's responsibility to obtain the same at his own cost.
- f. Removing debris from the site shall be vendor's responsibility at no extra cost will be paid.
- g. The rates quoted shall cover for execution of the work after office hours on Holidays, Sunday and in stages.
- h. The tenderer will have to make his own arrangements for watch and ward for protecting the materials etc, at all times, until the work is completed to the satisfaction of the SBI. The Bank/ SBI will not be responsible for the theft or loss of the material / tools, etc till the completion of the work.
- i. The tenderer will attend all the meetings whenever called for and the decisions taken in the meeting will be binding on the vendor.
- j. Electric power / water required for execution of the work will not be the responsibility of the Bank / SBI. The vendor will have to make his own arrangement for carrying the same to the place of work at his own cost by providing necessary cable, wiring etc. with proper safeguard /caution boards prominently displayed for the safety of Bank's staff and Customers.
- k. Quantities given are liable to vary and the vendor shall provide more items as mentioned therein, at the same rates quoted by them for each items in the Price Bid, if required. In case any items are found not necessary the vendor shall take the same back and the SBI shall not pay for such items, which are not necessary.
- l. Bank/ SBI will not be responsible for any loss to the vendor under any circumstances.
- m. In respect of all workmen or employees directly or indirectly employed by the vendor for the performance of the works mentioned herein, the vendor shall at his own expense arrange for all the safety provision as per relevant provision of law.
- n. The tenderer shall have full control over workmen engaged by him, whether skilled or unskilled, and the vendor shall give necessary guidance and instructions to his employees to carry out the jobs assigned to them by him.
- o. The tenderer shall be responsible for the payment of wages and other dues to the contract labor employed by him in compliance of Minimum Wages Act and Equal Remuneration Act.
- p. The tenderer shall ensure that the hours of work and other service conditions of employment of the contract labor is in consonance with all applicable laws and rules, including Contract Labor (Regulation and Abolition) Act etc.

- q. The tenderer on instruction of the appropriate authority of the SBI or his / their representatives will immediately remove from the premises any contract labor, who may in the opinion of the Bank found to be creating nuisance and the vendor shall not allow such person to work in the site.
- r. It will be vendor's responsibility to ensure that each obligation under this contract is duly performed and observed.
- s. The tenderer shall be responsible for any loss caused due to theft/pilferage/damage to the Bank's property including the fittings, fixtures, furniture or other equipments, entrusted in his charge or any property belonging to the Bank's staff / guest / customers when such a loss / damage is, in the Bank's opinion, caused due to negligence or carelessness or any fault on vendor's part or that of his supervisor or any of the vendor's laborers and the vendor shall be liable to pay to the Bank such amount in respect of such damages / losses as may be assessed by the SBI. Further the vendor shall personally be responsible for good conduct and satisfactory antecedents of the contract labor employed by vendor.
- t. The Bank/ SBI will not be responsible compensation or otherwise for any injury/death caused to any staff of vendor while executing the work under this tender.
- u. The tenderer shall not permit any of his employees to use any area of the premises / building for residential or any other purposes.
- v. All materials and equipments required for carrying out the work will be provided by the vendor in sufficient quantity and these shall be of best quality as approved by the SBI. All expenses for the same shall be borne by the vendor.
- w. The tenderer shall be liable to comply with all applicable laws, rules and regulations in respect of all the labor laws and statutory requirements, including fire safety regulations and other regulations, which are in vogue or will become applicable in future.
- x. The tenderer shall accept and bear full and exclusive liability for the payments of any or all taxes etc. now in force or hereafter imposed, increased and revised from time to time by the Central or State Govt. or by any other authority with respect to or covered by wages, salaries, or other compensation paid or payable to persons engaged by the vendor.
- y. The tenderer shall bind himself / it's executor or administrator or successors and shall indemnify and hold harmless the SBI in respect of this contract, including all claims, damages proceedings, costs, charges and/or any expenses whatsoever which may be imposed, enforced or brought against the SBI or any of its directors, officers or employees for reasons of or consequent upon any breach or default on the part of the vendor in respect of violation of any of the provisions of Laws/Acts/Rules or regulations having the force of law or any award or decision by any competent tribunal, court of authority in respect of the workmen or any one, employed/engaged by the vendor in connection with this contract.
- z. The tenderer shall be responsible for all the claims for its workmen and the said workmen of the Vendor shall not make any claims whatsoever against the SBI. The vendor's workmen will not have any right whatsoever to get absorbed in the Bank/ SBI.
- aa. The tenderer shall provide weekly off/holidays to his workmen as per labor laws, but it will be his responsibility to ensure that the work is completed within time stipulated in the work order from the SBI, without any delay at all.
- ab. All types of taxes including Service Tax applicable now or made applicable in future for the materials, equipments and services, etc. will have to be borne by the vendor and Bank shall not make any extra payment. The Bank shall make statutory deductions at source as applicable.
- ac. The tenderer will take out adequate insurance and keep the items and work insured until the completion of the work, against loss or damage by fire and/or earthquake, flood, etc., at his own cost, and the Bank/ SBI shall not be liable for any loss caused to the vendor.
- ad. No child labor shall be employed by the vendor to carry out any of the works/services covered by this tender.
- ae. The near relatives of employee or employees of the Bank/ SBI are prohibited from participation in this tender. The vendor shall have to submit an undertaking to the effect that his/their no near relative or relatives is/are employee(s) of the Bank.
- af. The tenderer shall be entirely responsible for any mishappening, accident to his worker while performing duty and shall have no claim/binding on Bank with respect to any compensation/monetary benefits etc., whatsoever.
- ag. The tenderer shall make arrangements to identify each of his workmen at the security point while entering the premises before resuming work and while departure after completing each day's work. However, they are liable to be checked at any time during their work and anywhere within the premises by the Security. The Security personnel of the Bank are authorized to check the belongings of the workmen while entering and leaving the office premises for security reasons. The vendor shall issue identity card to their workmen & Supervisor.

ah. If the vendor fails or neglects to observe or perform the terms and conditions of the agreement or any of them, the SBI may: -

- i. Hold the vendor liable for all losses or damages occasioned to the Bank by such failure or neglect.
- ii. Hold the vendor liable to pay damages and compensation for loss and inconvenience caused by dislocation of services.
- iii. In case it is felt by the SBI that any workman is not suitable for carrying out the work inside the premises, then such workman is to be replaced immediately by the vendor.

6. Statutory Obligations:

- a. The tenderer shall fully comply with all the applicable laws, rules and regulations relating to Contract Labor (Regulation and Abolition) Act 1970 and Contract Labor (R&A) Central Rules 1971, Provident Funds Act including the payment of P.F. contribution, Payment of Bonus Act, Minimum Wages Act, Workmen's Compensation Act, ESI Act, Migrant Labor Act and / or such other Act or laws or regulations passed by the Central, State, Municipal and Local Government agency or authority including TDS as per I.T. Act, applicable from time to time.
- b. The tenderer shall be responsible to register himself and obtain a valid license under the Contract Labor (Regulation and Abolition) Act, 1970 and rules there under and the / vendor must comply with and carry out all the provisions and obligations under the said Act and Rules there under, including renewal of license and furnish all information to the Bank/ SBI as may be required by Act/Rules and the vendor shall indemnify the Bank/ SBI against the penalties/claims or for any default on his part.
- c. The tenderer shall be responsible for proper maintenance of all Registers, Records and counts so far as these relate to the compliance of any statutory provision/obligations. The / vendor shall be responsible for maintaining record pertaining to payment of wages Act and also for depositing the P.F. contributions, if required, with authorities concerned.
- d. The tenderer shall make regular and full payment of labor charges, salaries and other payments as per labor laws especially under Minimum Wages Act and Payment of Wages Act to his workmen deputed for the work and furnish necessary information as and when asked.
- e. In case of labor unrest/disputes arising out of non-implementation of any law, the responsibility shall solely lie with the Vendor and he shall remove / resolve the same satisfactorily at his cost and risk. The Vendor will abide by rules, regulations, bylaws and statutes etc. for executing for his job.
- f. The tenderer shall at all times indemnify and keep indemnified the Bank/ SBI and its Officers, servants and agents from and against all third party claims, whatsoever including not limited to property loss and damage, personal accident, injury or death of person of any sub-vendor or the servants of agents of the Vendor, any sub- vendor(s) and/ or the owner. The / vendor shall be at his own cost and initiative at all times maintain all liabilities under workman's Compensation Act/Fatal Accident Act, Personal Injuries, Insurance Act and/or their industrial legislation from time to time in force.

7. Termination:

- i. The SBI reserves the right to terminate the contract any time during the pendency of the contract on failure by the vendor to adhere to the conditions here in above indicated or agreed in the contract. Such termination will be communicated in writing to the vendor and any work affected beyond date of termination of the contract shall not be measured and paid for.
- ii. In case the SBI decides to terminate the contract, it shall do so by giving seven days' notice.
- iii. If the performance of the successful tenderer is found to be unsatisfactory, the SBI reserves the right to cancel in part or whole the contract and get the work executed through alternative means at the entire risk and cost of the vendor with whom the work order was first placed. In such cases, the vendor should make good all losses that the Bank may incur due to this. The Bank/ SBI may proceed with legal actions if necessary.

8. Agreement on stamp paper:

The selected tenderer / vendor will have to enter into agreement on non-judicial stamp paper of requisite value, within 7 days of acceptance of tender, and all the costs with respect to the same shall be borne by the /vendor.

4. SPECIAL CONDITIONS OF CONTRACT

1. The entire works carried out shall be under a comprehensive warranty of 12 months from the date of payment of final bill of the work. During the period of warranty the vendor shall in addition to attending to our calls for repairs/maintenance, conduct corrective maintenance and no charges shall be payable for such maintenance, including materials replaced or requiring replacement.

2. Please note that any deviations mentioned elsewhere in the bid will not be considered and evaluated by the SBI. SBI reserve the right to reject the bid, if bid not submitted in proper format as per tender.

3. **Clarifications of Bids:** To assist in the examination, evaluation and comparison of bids the SBI may, at its discretion, ask the bidder for clarification. The response should be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

4. **Packing, shipping and marking:** The tenderer / vendor shall be responsible for assuring that all commodities shipped are properly packed and protected to prevent damage or deterioration during shipment. Packaging and shipping costs shall be borne by the tenderer. Customs clearance and all costs and actions associated with import duties, taxes and processing of documents within India are borne by the bidder.

5. Construction/Installation/ Commissioning of the work:

a. The tenderer is responsible for all unloading, unpacking and lifting of materials to be used for the work.

b. The items and list not in BOQ but required for successful completion of the works shall also be considered to be part of the supply scope without any extra cost.

6. Inspections and Quality Control Test:

a. The SBI reserves the right to carry out pre-shipment inspection by a team of SBI officials engaged by the SBI of any of the existing live installation of the supplier referred to in the Technical Bid or demand a demonstration of the solution proposed on a representative model in the bidder's office, the same shall be arranged at the cost of bidder.

b. The SBI's right to inspect, test and where necessary reject the products after the product arrival at the destination shall in no way be limited or waived by reason of the products having previously been inspected, tested, and passed by the SBI or its representative prior to the products' shipment from the place of origin.

7. Insurance of Works:

Without limiting his obligations and responsibilities under the contract the contractor shall insure in the joint names of the SBI and the contractor against all loss or damages from whatever cause arising other than the excepted risks, for which he is responsible under the terms of contract and in such a manner that the SBI and contractor are covered for the period stipulated in GCC and are also covered during the period of maintenance for loss or damage arising from a cause, occurring prior to the commencement of the period of maintenance and for any loss or damage occasioned by the contractor in the course of any operations carried out by him for the purpose of complying with his obligations under clause.

1. The works for the time being executed to the estimated current Contract value thereof, or such additional sum as may be specified together with the materials for incorporation in the works at their replacement value.

2. The constructional plant and other things brought on to the site by the contractor to the replacement value of such constructional plant and other things.

3. Such insurance shall be effected with an insurer and in terms approved by the SBI which approval shall not be unreasonably withheld and the contractor shall whenever required produce to the SBI the policy of insurance and the receipts for payment of the current premiums.

A. Damage to Persons & Property

The contractor shall, except if and so far as the contract provides otherwise indemnify the SBI against all losses and claims in respect of injuries or damages to any person or material or physical damage to any property whatsoever which may arise out of or in consequence of the execution and maintenance of the works and against all claims proceedings, damages, costs, charges and expenses whatsoever in respect of or in relation thereto except any compensation of damages for or with respect to :

- i. The permanent use or occupation of land by or any part thereof.
- ii. The right of SBI to execute the works or any part thereof, on, over, under, in or through any lands.
- iii. Injuries or damages to persons or properties which are unavoidable result of the execution or maintenance of the works in accordance with the contract.
- iv. Injuries or damage to persons or property resulting from any act or neglect of the SBI, their agents, employees or other contractors not being employed by the contractor or in respect of any

claims, proceedings, damages, costs, charges and expenses in respect thereof or in relation thereto or where the injury or damage was contributed to by the contractor, his servants or agents such part of the compensation as may be just and equitable having regard to the extent of the responsibility of the SBI, their employees, or agents or other employees, or agents or other contractors for the damage or injury.

B. Contractor to indemnify SBI

The contractor shall indemnify the SBI against all claims, proceedings, damages, costs, charges and expenses in respect of the matters referred to in the provision sub-clause 7 (A) of this clause.

C. Contractor's superintendence

The contractor shall fully indemnify and keep indemnified the SBI against any action, claim, or proceeding relating to infringement or use of any patent or design or any alleged patent or design rights and shall pay any royalties which may be payable in respect of any article or part thereof included in the contract. In the event of any claim made under or action brought against SBI in respect of such matters as aforesaid the contractor shall be immediately notified thereof and the contractor shall be at liberty, at his own expenses to settle any dispute or to conduct any litigation that may arise there from, provided that the contractor shall not be liable to indemnify the SBI if the infringement of the patent or design or any alleged patent or design right is the direct result of an order passed.

D. Third Party Insurance:

Before commencing the execution of the work the contractor but without limiting his obligations and responsibilities under clause 7 of SCC shall insure against his liability for any material or physical damage, loss, or injury which may occur to any property including that of SBI, or to any person, including any employee of the SBI, by or arising out of the execution of the works or in the carrying out of the contract, otherwise than due to the matters referred to in the provision to clause 26.0 thereof.

D-1. Minimum Amount of Third Party Insurance:

Such insurance shall be affected with an insurer and in terms approved by the SBI which approval shall not be reasonably withheld and for at least the amount stated below. The contractor shall, whenever required, produce to the SBI/Consultants the policy or policies of insurance cover and receipts for payment of the current premiums. The minimum insurance cover for physical property, injury, and death is Rs.5.0 lacs per occurrence with the number of occurrences limited to four. After each occurrence contractor will pay additional premium necessary to make insurance valid for four occurrences always.

D-2. Accident or Injury to Workmen:

The SBI shall not be liable for or in respect of any damages or compensation payable at law in respect or in consequence of any accident or injury to any workmen or other person in the employment of the contractor or any sub-contractor, save and except an accident or injury resulting from any act or default of the SBI or their agents, or employees. The contractor shall indemnify and keep indemnified SBI against all such damages and compensation, save and except as aforesaid and against all claims, proceedings, costs, charges and expenses whatsoever in respect thereof or in relation thereto.

D-3. Insurance Against accidents etc to Workmen:

The contractor shall insure against such liability with an insurer approved by the SBI during the whole of the time any person employed by him on the works and shall, when required, produce to the SBI/Consultants such policy of insurance and receipt for payment of the current premium. Provided always that, in respect of any persons employed by any sub-contractor the contractor's obligation to insure as aforesaid under this sub-clause shall be satisfied if the sub-contractor shall have insured against the liability in respect of such persons in such manner that SBI is indemnified under the policy but the contractor shall require such sub-contractor to produce to the SBI/Consultants when required such policy of insurance and the receipt for the payment of the current premium.

D-4. Remedy on Contractor's Failure to Insure:

If the contractor fails to effect and keep in force the insurance referred to above or any other insurance which he may be required to effect under the terms of contract, then and in any such case the SBI may effect and keep in force any such insurance and pay such premium or premiums as may be necessary for that purpose and from time to time deduct the amount so paid by the SBI as aforesaid from any amount due or which may become due to the contractor, or recover the same as debt from the contractor.

Without prejudice to the other rights of the SBI against contractors, in respect of such default, the SBI shall be entitled to deduct from any sums payable to the contractor the amount of any damages costs, charges, and other expenses paid by the SBI and which are payable by the contractors under this clause. The contractor shall upon settlement by the insurer of any claim made against the insurer pursuant to a policy taken under this clause, proceed with due diligence to rebuild or repair the works destroyed or damaged. In this event all the monies received from the insurer in respect of such damage shall be paid to the contractor and the contractor shall not be entitled to any further payment in respect of the expenditure incurred for rebuilding or repairing of the materials or goods destroyed or damaged.

8 TIME OF COMPLETION, EXTENSION OF TIME AND PROGRESS CHART

a) **Time of Completion:** The entire work is to be completed in all respects within the stipulated period of **45 (Forty Five) days**. The work shall be deemed to be commenced within 7 (Seven) days from the date of issue of formal work order or the date on which the Contractor is instructed to take possession of the site, whichever is later. Time is the essence of the contract and shall be strictly adhered to by the Contractor. The work shall not be considered as complete until the SBI have certified in writing that this has been completed and the Defects Liability Period shall commence from the date of such certificate.

b) **Extension of Time:** If in the opinion of the SBI the work be delayed (a) by reason of any exceptionally inclement weather, or (b) by reason of instructions from the SBI/ The Bank in consequence of proceedings taken or threatened by or disputes, with adjoining or neighboring owners or (c) by the work, or delay, of other contractors or tradesmen engaged or nominated by the SBI and not referred to in the specification or (d) by reason of authorized extra and additions or (e) by reason of any combination of workmen or strike or lockout affecting any of the building trades or (f) from other causes which the SBI may consider are beyond the control of the Contractor, the SBI before the completion of the time allowed for the contract shall make fair and reasonable extension of time for completion in respect therefore. In the event of the SBI failing to give possession of the site upon the day specified above the time of completion shall be extended suitably. In case of such strikes or lock outs, as are referred to above, the Contractor shall, immediately give the SBI, written notice thereof. Nevertheless, the Contractor shall use his best endeavors to prevent delay, and shall do all that may be reasonably required, to the satisfaction of the SBI to proceed with the work and on his doing so that it will be ground of consideration by the SBI for an extension of time as above provided. The decision of the SBI as to the period to be allowed for an extension of time for completion hereunder (which decision shall be final and binding on the Contractor) shall be promulgated at the conclusion of such strike or lockout and the SBI shall then, in the event of extension being granted, determine and declare the final completion date. The provision in Clause 7 with respect to payment of liquidated damages shall in such case, be read and construed as if the extended date fixed by the SBI were substituted for and the damage shall be deducted accordingly. Hindrance Register in the approved format shall be maintained and proper record of hindrances arisen and solved with the dates to be recorded in the register by the SBI's Site Engineer/The Bank's Site Engineer and Contractor's authorized representative so that extension of time to be granted can be derived from the register, and recommended by the SBI and approved by the SBI's competent authority.

9. LIQUIDATED DAMAGES

Should the work be not completed to the satisfaction of the SBI within the stipulated period, the Contractor shall be bound to pay to the Bank a sum calculated @ 0.50% of the accepted contract sum per week of delay subject to a maximum of 10% of the accepted contract value by way of liquidated damages and not as penalty during which the work remains un-commenced or unfinished after the expiry of the completion date.

10. ACTION WHEN WHOLE OF SECURITY DEPOSIT IS FORFEITED

In any case in which under any clause or clauses of this contract, the contractor shall have rendered himself liable to pay liquidated damages amounting to the whole of his security deposit (whether paid in one sum or deducted by installments) the SBI shall have power to adopt any of the following courses as they may deem best suited to the interest of the Bank:

- a) To rescind the contract (of which rescission notice in writing to the contractor under hand of the SBI shall be conclusive evidence), and in which case the security deposit of the contractor shall stand forfeited and be absolutely at the disposal of the SBI.
- b) To employ labour by the Bank and to supply materials to carry out the work, or any part of the work, debiting the contractor with the cost of the labour and price of material (of the amount of which cost and price of a certificate of the The SBI shall be final and conclusive against the contractor) and crediting him with the value of the work done, in all respects in the same manner and at the same rates as if it had been carried out by the contractor under the terms of this contract and the certificate of the SBI as to the value of the work done, shall be final and conclusive against the contractor.
- c) To measure up the work of the contractor, and to take such part thereof as shall be unexecuted, out of his hands, and to give it to another contractor to complete in which case any expenses which may be incurred in excess of the sum which would have been paid to the original contractor, if the

whole work had been executed by him (of the amount of which excess the certificates in writing of the The SBI shall be final and conclusive) shall be borne and paid by the original contractor and may be deducted from any money due to him by the SBI under the contract or otherwise, or from his security deposit or the proceeds of sale thereof, or a sufficient part thereof. In the event of any of the above courses being adopted by the Bank the contractor shall have no claim to compensation for any loss sustained by him by reasons of his having purchased or procured any materials or entered into any engagements, or make any advances on account of, or with a view to the execution of the work or the performance of the contract. And in case the contract shall be rescinded under the provision afore-said, the contractor shall not be entitled to recover or be paid any sum for any work thereto for actually performed under this contract unless and until the SBI will have certified in writing the performance of such work and the value payable in respect thereof, and he shall only be entitled to be paid the value so certified.

11. STORAGE OF MATERIALS

The Contractor shall provide and maintain proper sheds for the proper storage and adequate protection of the materials etc. and other work that may be executed on the site including the tools and materials of sub-contractors and remove same on completion. Sheds for storage of cement are to have pucca floor raised above the ground. Cement godown shall be constructed for storing about six weeks requirements of cement and stored as per norms with a stack of 10 bags each, two ft. opening all around with two ft. passage between each stack. Structure shall be waterproof from all the sides and top. Cement should be stored one ft. above the ground level and the floor of the godown shall consist of wooden planks resting on base prepared of dry bricks. So also reinforcement bars are to be stored above the ground level to prevent the same from getting rusted.

12. CLEARING SITE AND SETTING OUT WORKS

The site shown on the plan shall be cleared of all obstructions, trees, bushes, shrubs, loose stone, and rubbish materials of all kinds. All holes or hollows whether originally existing or produced by removal of loose stone or materials shall be carefully filled up with earth well rammed and levelled off as directed at his own cost. The Contractor shall set out the work and shall be responsible for the true and perfect setting out of the work and for the correctness of the positions, levels, dimensions and alignment of all parts thereof. If at any time, any error shall appear during the progress of any part of the work, the Contractor shall at his own expenses rectify such error, if called upon to the satisfaction of the SBI/The Bank. The Contractor shall further set out the work to the alternative positions at the site until one is finally approved and the rates quoted in his tender should include for this and no extra on this account will be entertained.

13. CONTRACTOR IMMEDIATELY TO REMOVE ALL OFFENSIVE MATTERS

All soil, filth or other matters of any offensive nature taken out of any trench, sewer, drain, cesspool or other place shall not be deposited on the surface but shall be at once carted away by the Contractor to a safe place as per rules of the appropriate authorities/instruction of the Bank/ SBI. The Contractor shall keep the foundations and work free from water and shall provide and maintain at his own expenses electrically or other power driven pumps and other plant to the satisfaction of the SBI for the purpose, until the building is handed over to the SBI. The Contractor shall arrange for the disposal of the water so accumulated to the satisfaction of the SBI and the local authority and no claims will be entertained afterwards if he does not include in his rates for the purpose.

14. ACCESS

Any authorized representative of the Bank/ SBI shall at all reasonable times have free access to the work and/or to the workshops, factories or other places where materials are being prepared or constructed for the work and also to any place where the materials are lying or from where they are being obtained, and the Contractor shall give every facility to the Bank/ SBI or their representatives necessary for inspection and examination and test of the materials and workmanship. Except the representatives of the Bank/ SBI and no person shall be allowed at any time without the written permission of the Bank/ SBI.

15. REMOVAL OF IMPROPER WORK

The Bank shall during the progress of the work have power to order in writing from time to time the removal from the work within such reasonable time or times as may be specified in the order of any materials which in the opinion of the SBI /the Bank are not in accordance with specifications or instructions, the substitutions or proper re execution of any work executed with materials or workmanship not in accordance with the drawings and specifications or instructions. In case the Contractor refuses to comply with the order, the SBI shall have the power to employ and pay other agencies to carry out the work and all expenses consequent thereon or incidental thereto as certified by the SBI shall be borne by the Contractor or may be deducted from any money due to or that may become due to the Contractor. No certificate which may be given by the SBI shall relieve the Contractor from his liability in respect of unsound work or bad materials.

16. NOMINATED SUB CONTRACTOR

All specialists, Merchants, Tradesmen and others executing any work or supplying and fixing any goods for which prime cost prices or provisional sums are included in the Schedule of Quanti-

ties/Rates and/or specifications and who may be nominated or selected by the SBI are hereby declared to be sub-contractors employed by the contractor and are herein referred to as nominated sub-contractors. No nominated sub-contractor shall be employed on or in connection with the work against whom the contractor shall make reasonable objection or save where the SBI and contractor shall otherwise agree who will not enter into a contract provided:

- a) That the nominated sub-contractor shall indemnify the contractor against the same obligations in respect of the sub-contract as the Contractor is under in respect of this contract.
- b) That the nominated sub-contractor shall indemnify the contractor against claims in respect of any negligence by the sub-contractor, his servants or agents or any misuse by him or them of any scaffolding or other plants the property of the contractor or under any Workman's compensation Act in force.
- c) Payment shall be made to the nominated sub-contractor by the contractor within fourteen days of his receipt of the certificate from engineer of SBI, provided that before any certificate is issued the contractor shall upon request furnish to the SBI proof that all nominated sub contractor's accounts included in previous certification have been duly discharged, in default whereof the Bank may pay the same upon a certificate of the SBI and deduct the amount thereof from any sums due to the contractor. The exercise of this power shall not create privity of contract between the SBI and the sub-contractor.

17. DAMAGE TO PERSONS AND PROPERTY, INSURANCE, ETC.

The Contractor shall be responsible for all injury to the work or workmen to persons, animals or things and for all damages to the structural and/or decorative part of property which may arise from the operations or neglect of himself or of any sub-Contractor or of any of his or a sub Contractor's employees, whether such injury or damage arise from carelessness, accident or any other cause what so-ever in any way connected with the carrying out of this contract. The clause shall be held to include inter alia, any damage to buildings whether immediately adjacent or otherwise, and any damage to roads, streets, foot paths or pathways as well as damage caused to the buildings and the work forming the subject of this contract by rain, wind or other inclemency of the weather. The Contractor shall indemnify and hold harmless the SBI in respect of all and any expenses arising from any such injury or damages to persons or property as aforesaid and also in respect of any claim made in respect of injury or damage under any acts of compensation or damage consequent upon such claim. The Contractor shall reinstate all damage of every sort mentioned in this clause, so as to deliver the whole of the contract work complete and perfect in every respect and so as to make good or otherwise satisfy all claims for damages to the property or third parties. The contractor shall effect the insurance necessary and indemnify the SBI entirely from all responsibility in this respect. The insurance must be placed with a company approved by the SBI and must be effected jointly in the name of the contractor and the SBI and the policy lodged with the latter. The scope of insurance is to include damage or loss to the contract itself till this is made over in a complete state. The Contractor shall also be responsible for anything which may be excluded from damage to any property arising out of incidents, negligence or defective carrying out of the contract. The SBI shall be at liberty and is hereby empowered to deduct the amount of any damages, compensations, costs, charges and expenses arising or accruing from or in respect of any such claim or damages from any sums due or to become due to the contractor.

18. MEASUREMENT OF WORK

The contractor will record the measurements in the approved printed measurement books and submit measurements for verification and endorsement of Project Management the SBI Engineer. The contractor should submit the bill in duplicate to the SBI with such endorsement. The SBI shall upon receipt of the bill intimate to the contractor that he requires the work to be measured, and the contractor shall forthwith attend or send a Qualified Agent to assist the Engineer of SBI in taking such measurements and calculations and to furnish all particulars or to give all assistance required by Engineer. Should the contractor not attend or neglect or omit to send such Agent then the measurement taken by the Engineer of SBI and approved by him shall be taken to be the correct measurement of the work. The contractor or his Agents may at the time of measurement take such notes and measurements as he may require. All authorized extra work, omissions and all variations made without the knowledge of SBI, if subsequently sanctioned by him in writing, with the approval of the SBI shall be included in such measurements. The final measurement should be done within three months from the date of completion of work jointly by the SBI and/or his representative. If the contractor fails to comply, the measurements taken by the SBI will be final.

19. METHOD OF MEASUREMENT

Unless otherwise mentioned elsewhere in the tender document, measurements will be on the net quantities of work produced in accordance with up to date rules laid down by the Indian Standard Institution. In the event of any dispute with regard to the measurement of the work executed, the decision of the Engineer of SBI shall be final and binding on the contractor.

20. ACTION WHERE NO SPECIFICATION

In the case of any class of work for which there is no such specification in Technical Specification, such work shall be carried out in accordance with the I.S. specification, and in the event of there being no I.S. specification, then in such case the work shall be carried out in all respects in accordance with the instructions and requirements of the SBI.

21. CONTRACTOR NOT TO DEPOSIT MATERIALS IN A MANNER THAT MAY CAUSE INCONVENIENCE TO THE PUBLIC

The contractor(s) shall not deposit materials on any site which will cause inconvenience to the public. The SBI/ The Bank may require the contractor to remove any materials, which are considered by him to be a danger or inconvenience to the public or cause them to be removed at the contractor's cost.

22. PAYMENTS

a) All bills shall be prepared by the Contractor in the form prescribed by the SBI. The bills in proper forms must be duly accompanied by detailed measurements recorded in the standard measurement book duly endorsed by the engineer of SBI in support of quantities of work done and must show deductions for all previous payments, retention money, etc. The final bill shall be submitted by the Contractor to the SBI within 30 (Thirty) days of the date fixed for completion of the work or of the date of certificate of completion furnished by the SBI and payment shall be made by the Bank within two weeks from the date of receipt of the final bill duly verified & certified by the engineer of SBI. The SBI reserves the right to withhold in part or full payment of bills in case of noncompliance/violation of any terms and conditions stipulated in the agreement. The contractor shall neither suspend the work nor claim for extension of time for nonpayment/withholding of payment on this account and no interest is also payable on the payment withheld/due.

b) **Documents to be submitted along with the tax invoice:**

i) A copy of Invoice for purchase of copper pipe (item as mentioned Price Bid)

ii) A copy of Approved Layout of installation of VRF Air-Conditioning works.

iii) A copy of Delivery of AC equipment at site for RA bill viz. Up to 75% of the cost of the machine and completion certificate for the payment of final bill signed by the Branch Manager/Chief Manager.

23. FINAL PAYMENT

The final bill shall be accompanied by a certificate of completion from the SBI. Payments of final bill shall be made after deduction of Retention Money, taxes etc. The acceptance of payment of the final bill by the Contractor would indicate that he will have no further claim in respect of the work executed.

24. VARIATION/DEVIATION

The Contractor may when authorized and shall, when directed in writing by the SBI/Bank and/ or omit, or vary the work shown in the drawings or described in the specifications or included in the priced schedule of quantities. The Contractor on his own accord shall make no addition, omission or variation without such authorization or direction. A verbal authorization or direction by the Bank/ SBI shall when confirmed by the Contractor in writing within 3 days shall be deemed to have been given in writing. The price of all such additional/non tendered items will be worked out on the basis of rates quoted for similar items in the contract wherever existing or on engineering rate analysis based on prevalent fair price of labour, materials at site of work including wastage and other components as required plus 15% towards contractor's profit, supervision, overhead etc. Works Contract Sales Tax, if applicable will be considered over and above 15%. The tendered rates shall hold good for any increase or decrease in tender quantities. No claim for an extra shall be allowed unless it shall have been executed by the authorization of SBI/The Bank. No variation i.e. additions, omissions or substitutions shall vitiate the contract.

25. SUBSTITUTION

Should the Contractor desire to substitute any materials and workmanship, he/they must obtain the approval of the SBI/The Bank in writing for any such substitution well in advance. For materials designated in this specification indefinitely by such term as "Equal" or "Other approved" etc. specific approval of the SBI/ The Bank has to be obtained in writing prior to execution.

26. CLEARING SITE ON COMPLETION

On completion of the work the Contractor shall clear away and remove from the site all constructional plant surplus materials, rubbish and temporary work of every kind and leave the whole of the site and the work clean and in a workmanlike condition to the satisfaction of the Bank and SBI.

27. DEFECTS AFTER COMPLETION

The Contractor shall make good at his own cost and to the satisfaction of the Bank all defects, shrinkage, settlements or other faults which may appear within 12 months from the date of payment of final bill and considered as the "defect liability period". In default the SBI may employ and pay other persons to amend and make good such damages, losses and expenses consequent thereon or incidental thereto shall be made good and borne by the Contractor and such damages, loss and ex-

penses shall be recoverable from him by the SBI or may be deducted by the SBI, in lieu of such amending and making good by the Contractor, deduct from any money due to the Contractor a sum equivalent to the cost of amending such work and in the event of the amount retained being insufficient recover that balance from the Contractor from the amount retained together with any expenses the SBI may have incurred in connection therewith.

28. CONCEALED WORK

The Contractor shall give due notice to the Bank whenever any work is to be buried in the earth, concrete or in the bodies of walls or otherwise becoming inaccessible later on in order that the work may be inspected and correct dimensions taken before such burial, in default whereof the same shall, at the option of the SBI /The Bank be either opened up for measurement at the Contractor's expense or no payment be made for such materials. Should any dispute or difference arise after the execution of any work as to measurements etc. or other matters which cannot be conveniently tested or checked, the notes of the SBI shall be accepted as correct and binding on the Contractor.

29. ESCALATION

The rates quoted shall be firm throughout the tenure of the contract (including extension of time, if any, granted) and will not be subject to any fluctuation due to increase in cost of materials, labour, sales tax, octroi, etc. unless specifically provided in these documents.

30 IDLE LABOUR

Whatever the reasons may be, no claim for idle labour, additional establishment cost of hire and labour charges of tools and plants would be entertained under any circumstances.

31 SUSPENSION

If the Contractor except on account of any legal restraint upon the SBI preventing the continuance of the work or in the opinion of the SBI shall neglect or fail to proceed with due diligence in the performance of his part of the contract or if he shall more than once make default the SBI shall have the power to give notice in writing to the Contractor requiring the work be proceeded within a reasonable manner and with reasonable dispatch, such notices purport to be a notice under this Clause. After such notice shall have been given, the Contractor shall not be at liberty to remove from the site of the work or from any ground contiguous thereto, any plant or materials to subsist from the date of such notice being given until the notice shall have been complied with. If the Contractor shall fail for 7 (seven) days after such notice has been given to proceed with the work as therein prescribed, the SBI may proceed as provided in the Clause. (Termination of Contract by the SBI).

32. TERMINATION OF CONTRACT BY THE SBI

If the Contractor being a company go into liquidation whether voluntary or compulsory or being a firm shall be dissolved or being an individual shall be adjudicated insolvent or shall make an assignment or a composition for the benefit of the greater part, in number or amount of his creditors or shall enter into a Deed or arrangement with his creditors, or if the Official Assignee in insolvency, or the Receiver of the Contractor in insolvency, shall repudiate the contract, or if a Receiver of the Contractor's firm appointed by the court shall be unable, within fourteen days after notice to him requiring him to do so, to show to the reasonable satisfaction of the SBI that he is able to carry out and fulfill the contract, and if so required by the SBI to give reasonable security there for, or if the Contractor shall suffer execution to be issued, or shall suffer any payment under this contract to be attached by or on behalf of and of the creditors of the Contractor, or shall assign, charge or encumber this contract or any payments due or which may become due to the Contractor, thereunder, or shall neglect or fail to observe and perform all or any of the acts matters of things by this contract, to be observed and performed by the Contractor within three clear days after the notice shall have been given to the Contractor in manner hereinafter mentioned requiring the Contractor to observe or perform the same or shall use improper materials or workmanship in carrying on the work, or shall in the opinion of the SBI not exercise such due diligence and make such due progress as would enable the work to be completed within due time agreed upon, and shall fail to proceed to the satisfaction of the SBI after three clear days notice requiring the Contractor so to do shall have been given to the Contractor as hereinafter mentioned, or shall abandon the contract, then and in any of the said cases, the SBI may notwithstanding previous waiver determine the contract by a notice in writing to the effect as hereinafter mentioned, but without thereby affecting the powers of the SBI of the obligations and liabilities of the Contractor the whole of which shall continue in force as fully as if the contract, had not been so determined and as if the work subsequently executed had been executed by or on behalf of the Contractor (without thereby creating any trust in favour of the Contractor) further the SBI or his agent, or servants, may enter upon and take possession of the work and all plants, tools, scaffolding, sheds, machinery, steam and other power, utensils and materials lying upon premises or the adjoining lands or roads and sell the same as his own property or may employ the same by means of his own servants and workmen in carrying on and completing the work or by employing any other contractors or other persons or person to complete the work, and the Contractor shall not in any way interrupt or do any act, matter or thing to prevent or hinder such other contractors or other persons or person employed from completing and finishing or using the materials and plants for the work when the work shall be completed, or as soon thereafter as conveniently may be the SBI shall give notice in writing to the Contractor to remove his surplus materials and

plants and should the Contractor fail to do so within a period of 14 days after receipt by him the SBI may sell the same by Public Auction and shall give credit to the Contractor for the amount so realized. Any expenses or losses incurred by the SBI in getting the work carried out by other contractors shall be adjusted against the amount payable to the Contractor by way of selling his tools and plants or due on account of work carried out by the Contractor prior to engaging other contractors or against the Security Deposit.

33. Incase of Tie of Bids: If there is a tie between the bidders, sealed offers (offline) shall be invited from the bidders with an upper threshold limit of the tie price bid value (previously quoted bid value) and the sealed offers shall be opened at our Office by the tender opening committee in presence of the bidders (or their representatives).

34. PROFORMA FOR AGREEMENT BETWEEN THE BANK AND CONTRACTOR

(On Non-Judicial Stamp Paper of Rs.110.00)

ARTICLES OF AGREEMENT made this _____ day of _____ Two thousand between the State Bank of India, a Corporation constituted under the State Bank of India Act, 1955 and its Administrative Office in Bhubaneswar, Odisha (hereinafter referred to as "the BANK") which expression shall include its successor or successors and assigns) of the ONE PART through the authorized officer Regional Manager (RBO, Khurda).

AND

M/s. _____ having its registered office at _____ (thereinafter referred to as the 'CONTRACTOR') of the OTHER PART.

WHEREAS the Bank is desirous of carrying out the VRF / VRV Air-Conditioning Works for Jatni Branch at Bank's own building under RBO Khurda (hereinafter called the 'Works').

AND WHEREAS the Bank has caused the plans, drawings and specifications, priced schedule of quantities of the work to be executed at the Jatni Branch at Bank's own premises as per General conditions of the contract and special conditions of the contract, subject to which the offer of the Contractor shall be accepted.

SBI will carry out all the inspection work for Bank and ensure the quality of the work.

AND WHEREAS the tender of the Contractor for _____

_____.

WHEREAS the contractor has deposited with the Bank Rupees _____ as Security deposit for the due performance of the agreement. AND WHEREAS the SBI has issued work order therefore to the contractor.

AND WHEREAS said drawings _____ inclusive of the specifications, priced schedule of quantities, conditions of contract and special conditions (hereinafter collectively referred to as the said condition) have been signed by the parties hereto and the contractor has agreed to execute the works upon and subject to the said conditions.

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the payments to be made to the contractor as hereinafter provided the contractor shall upon and subject to the said conditions execute and complete the works shown upon the said drawings etc and such further detailed drawings as may be furnished to the contractor by the said SBI as described in the said specifications and the said priced schedule of quantities.
2. The Bank will pay to the Contractor the sum of Rs. _____ (Rupees _____) (hereinafter called the contract sum) or such other sum as shall become payable hereunder at the times and in the manner specified in the said conditions. However, the actual sum will be paid on the actual value of work done, irrespective of the contract sum.
3. The plans, agreement and documents above mentioned shall form the basis of this contract and all disputes to be decided in the manner prescribed in the conditions attached hereto.

4. The said contract comprises the building _____ works as above mentioned, and all subsidiary works connected therewith within the same site as may be ordered to be done from time to time by the said Bank even though said works may not be shown on the drawings or described in the said specifications or the priced schedule of quantities.

4. Notwithstanding what are stated in the special condition, conditions of contract and hereinbefore stated the Bank reserves the right to alter the drawings and nature of the work and of adding to or omitting any items of works from or of having portions of the same carried out departmentally or otherwise and such alterations or variations shall be carried out without prejudice to this contract.

5. The said conditions shall be read and be treated as forming part of this agreement and the parties hereto will respectively be bound thereby and to abide by and submit themselves to the conditions and stipulations and perform the same on their parts to be respectively observed and preferred.

6. Any dispute arising under this agreement shall be referred to the arbitration of a sole arbitrator appointed with consent of the Bank/ SBI and the contractor as indicated in the Article of the general conditions. The award of the arbitrator shall be final and binding on both parties.

IN WITNESS WHEREOF, the parties hereto have executed these presents the day and year first herein above written.

WITNESS

1.

2.

EXECUTANTS

1. BANK

2. Contractor

* Common Seal

*In case of the company, the common seal be affixed pursuant to resolution of Board of Directors in accordance with Articles of Association of the Company the directors etc as the case may be affixing common seal may be initial in token thereof and also by putting their names.

TECHNICAL SPECIFICATIONS VARIABLE REFRIGERANT FLOW AIR-CONDITIONING SYSTEM

1. OBJECTIVE OF THE SPECIFICATION

This specification is intended to cover the Supply, Installing, Testing, Commissioning and delivery of duly packed for transport to site, for Air-conditioning work as specified herein after for the proposed Building.

The scope of the specification also includes the complete erection, final check-up, testing and commissioning at the site of the air-conditioning equipments to be supplied under this specification.

2. GENERAL INFORMATION

Purchaser has proposed to install the VRF air cooled type air-conditioning system for air-conditioning of the Office building.

3. SCOPE OF WORK

The scope of this Section comprises the Supply, installation, testing and commissioning of Variable Refrigerant flow (VRF) system with DC Inverter based Scroll Compressors and BLDC motor only. There shall not be any fixed speed compressor. The ODU shall be connectable to multiple indoor units as per specification. Outdoor unit shall be factory assembled weather proof casing constructed from heavy gauge mild steel panels & shall have all DC Inverter Scroll Compressor in each module.

3.1 VARIABLE REFRIGERANT FLOW (VRF) SYSTEM

TYPE

Units should be DC Inverter Technology based Variable Frequency Driven VRF air-conditioners with air-cooled outdoor units, which shall be capable of cooling application as per individual or season requirement suitable for operation on 380~415V, 3 Phase, 50 Hz AC electric supply.

The outdoor units shall consist of one/multiple modules with single circuit of refrigerant piping and multiple indoor units of various types & capacities. Each indoor unit should have capability to cool independently for the requirement of particular area & also as per seasonal weather changes.

The indoor unit on any circuit can be different type & capacity and also controlled individually.

GENERAL

- 1) Indoor units & outdoor units shall be factory assembled, tested and filled with first charge of R 410A refrigerant only before delivering at site & should be suitable for operation on 380V- 415V, 3 Phase, 50 Hz AC electric supply for outdoor unit and 220 ~ 240 V, 1 Phase, 50 Hz for Indoor unit.
- 2) Units should be air cooled type, DC Inverter Technology based variable frequency driven VRF type air conditioner consisting of outdoor units and multiple indoor units, each suitable to cool in summer.
- 3) All proposed outdoor unit should have minimum COP of 3.7 at 100% load condition respectively for Cooling as per following AHRI testing conditions.
 - i. Ambient Temp: 35 deg C DB & 24 deg C WB
 - ii. Indoor Temp: 27 deg C DB & 19 deg C WB
- 4) The DC inverter technology based variable frequency driven VRF equipment should be capable enough, so that the refrigerant piping between indoor and outdoor unit shall be extendable up to 1000m with maximum height difference between outdoor & indoor unit of 110m & level difference between two indoor unit maximum up to 40m.

2. OUTDOOR UNIT

The outdoor unit shall be a factory assembled unit housed in a sturdy weather proof casing constructed from rust-proofed mild steel panels coated with a baked enamel finish. The unit should be completely factory wired tested with all necessary controls. It should be Air Cooled type with Top Air discharge.

The System must have the following features:

- 1) It should also be provided with duty cycling for DC inverter scroll compressors capable of changing the rotating speed of compressor by DC inverter controller to follow variation in cooling loads
- 2) Each outdoor unit should consist of only Inverter Scroll Compressor.
- 3) ODU units with constant compressor not acceptable.
- 4) It should also be provided with duty cycling for multiple inverter compressor switching starting sequence for better stability and prolonging equipment life.
- 5) All out door unit must have Pump-out and pump-in feature so that incase of failure, refrigerant can be accommodated in indoor and outdoor unit respectively.
- 6) The unit shall be provided with its own microprocessor control panel.
- 7) The outdoor unit must have the feature of Record running parameters of last 3 minutes before failure, for fault analysis & easy, faster trouble shooting.
- 8) All out door unit must have the feature of auto recharging of refrigerant.
- 9) All out door unit must have Anti Corrosive Fins in Condenser for better life.
- 10) All out door unit should have Oil recovery system.
- 11) The machine must have a sub cooling feature so that it prevents the flushing of refrigerant from long piping due to this effect thereby achieving energy savings.
- 12) All out door unit should have Auto Backup function.
- 13) Offered outdoor units should deliver same cooling capacity even at higher ambient temperature of 39 deg C. No deration in cooling capacity at 39 Deg C Ambient Temperature.
- 14) System designed to operate from 342 V to 456 V
- 15) PCB cooling system should be reliable to operate up to 50 deg C ambient
- 16) VRF system should have dual sensing technology for Temperature and Pressure
- 17) Smart Load control for Power saving which makes auto adjustment of refrigerant flow through Evaporator coil as per ambient condition and inside load variation
- 18) Surge protection from 342 V to 504 V
- 19) Capable of operation up to 53 deg Celsius ambient temperature.
- 20) Manufacturer must be OEM of its compressor, which is fitted in the outdoor unit.

2.1 COMPRESSOR

The compressor shall be of highly efficient hermetic scroll type and equipped with DC INVERTER capable of variable frequency drive with capacity modulation. **Manufacturer must be OEM of its compressor, which is fitted in the outdoor unit.**

2.2 REFRIGERANT CIRCUIT

The refrigerant circuit shall include an accumulator, liquid and gas shut off valves and a solenoid valves.

All necessary safety devices shall be provided to ensure the safety operation of the system.

2.3 SAFETY DEVICES

The following safety devices shall be part of the outdoor unit;

- 1) High Pressure Switch,
- 2) Low Pressure Switch,
- 3) Fan Motor Safety Thermostat,
- 4) Inverter Overload Protector,
- 5) Over Current Relay,

- 6) Fusible Plugs,
- 7) Fuses.

2.4 OIL RECOVERY SYSTEM:

Each unit shall be equipped, with an oil separator to ensure stable operation with long refrigerant piping.

3. INDOOR UNIT:

3.1 GENERAL

- 1) These units should be suitable for operation on 220V-240V, Single Phase, 50 Hz AC electric supply.
- 2) These units shall have electronic control valves to control refrigerant flow rate in response to load variation in the room.
- 3) The address of IDU shall be set automatically in case of individual and group control.
- 4) The IDU shall be basically a 4 - Way Cassette unit suitable for Ceiling suspended type mounting arrangement. Each unit shall have Cooling coil, Blower, Filter, BLDC Motor, inbuilt drain pump (for Ceiling Concealed Units only) and accessories. All the IDUs installed to have individual Cordless / Corded Remote controls as require.
- 5) Indoor unit shall have cleanable type filter to an integrally molded plastic frame. The filter shall be slide away type and neatly inserted.
- 6) It shall be possible to clean the filters either with compressed air or water.
- 7) The Cooling coil shall have Aluminum fins and copper tubes. The Fan section shall be dual suction, aerodynamically designed & balanced turbo, multi blade type blower to ensure low noise and vibration free operation and having multiple speed motor. The fan shall be direct driven type, mounted directly on motor shaft having support from housing.
- 8) The noise level for these unit should not exceed 50 db (A) \pm 2.

3.2 Y - JOINTS

Supply & installation of the Y - Joints separation refrigeration pipe joints and headers in the appropriate orientation to enable correct distribution of refrigerant. The distribution joints should be factory insulated with pre-formed section of Expanded polystyrene / Equivalent.

3.3 REFRIGERANT PIPING

- 1) Refrigerant piping for the air-conditioning system shall be up to 19.1mm dia. of soft seamless copper tubes & for above 19.1 mm diameter the pipe material shall be of hard seamless copper tubes with pipes material being hard drawn copper pipe.
- 2) Before joining any copper pipe or fittings, its internals shall be thoroughly cleaned by passing a clean cloth via wire or cable through its entire length. The piping shall be continuously kept clean of dirt etc. while constructing the joints. Subsequently it shall be thoroughly blown out using nitrogen gas.
- 3) After completion of installation of the refrigerant piping, the piping system shall be pressure tested using nitrogen gas at a suitable pressure as specify by OEM (Original Equipment Manufacturer). Pressure shall be maintained in the system for 48 hours. The system shall then be evacuated to a vacuum of not less than 700 mm Hg and held for minimum 24 hours.
- 4) The suction line pipe size and the liquid line pipe sizes shall be selected according to the manufacturer's specified diameter. All refrigerant pipes shall be properly supported and anchored to the building/structure using steel hangers, fastener, brackets and supports which shall be fixed to the building/structure by means of inserts or expansion shields or anchor fasteners of adequate size and number to support the load imposed thereon.
- 5) The refrigerant piping should be laid in core cut in the floors in such a way that it should not distort the interior of the room, wherever the refrigerant pipe has to be laid across the room, it should

be laid in a concealed manner by making appropriate boxing arrangement matching with the interior of the room. All associated minor Civil Engineering works (like chasing on wall, ceiling & replastering and repainting etc.) related with the above items are included in the scope of work.

6) All exposed copper pipes have to be covered by 24 G GI sheet.

7) Entire liquid and suction refrigerant pipe lines including all fittings, valves and strainer bodies etc. Shall be insulated with 19mm/ 13 mm thick Nitrile rubber as specified in BOQ.

3.4 DRAIN PIPING

CPVC / UPVC Condensate Drain Pipe in the drain point of Indoor Units shall be provided.

4. Technical Data Sheet

VRF Outdoor Unit Technical Data Sheet (to be filled during Technical Bid Submission by the OEM):

A) VRF Outdoor Technical Data Sheet

Details of Technical Requirement	To be filled up by the OEM
Model	
Cooling Capacity at AHRI Conditions (Outdoor Temp.35 Deg C DBT & 24 Deg C WBT / Indoor Temp. 27 Deg C DBT & 19 Deg C WBT.)	
Cooling Capacity at 39 Deg C DBT & 24 Deg C WBT / Indoor Temp. 27 Deg C DBT & 19 Deg C WBT.)	
COP (AHRI Conditions) at 100% load	
Overall Dimension (w x d x h in mm)	
Net weight (kg)	
Type of Refrigerant	
Type of Expansion Valve	
Type of Compressor	
Make of compressor	
Compressor quantity	
Anti-Corrosion treatment to fin in addition to Hydrophilic coating at factory end (Yes/No)	
Maximum ambient Temperature at which Outdoor can function	

B) VRF Indoor Unit Technical Data Sheet:

Details of Technical Requirement	To be filled up by the OEM
Model	
Type of VRF Indoor	
Combination of Base Model	
Nominal Cooling Capacity (KW)	
Input Power (KW)	
Overall Dimension (w x d x h in mm)	
Net weight (kg)	
Sound pressure level (db A) (Min & Max)	
Air Flow (CFM) in high / med / Low	
Factory Fitted inbuilt Drain Pump (Yes/No)	

5. MODE OF MEASUREMENTS

1. Unit prices in the schedule of quantities.
2. The item description in the schedule of quantities is in the form of a condensed resume. The Unit price shall be held to include everything necessary to complete the work covered by this item in accordance with the specifications and drawings. The sum total of all the individual item prices shall represent the total price of the installation ready to be handed over.
3. The Unit price of the various items shall include the following.
4. All equipment, machinery, apparatus and materials required as well as the cost of any tests which, the consultant may request in addition to the tests generally required to prove the quality & performance of equipment.
5. All the labour required to supply and install the complete installation accordance with the specifications.
6. Use of any tools, equipment's, machinery, lifting tackle, scaffolding, ladders, etc., required by the contractor to carry out his work.
7. All the necessary measures to prevent the transmission of vibration.
8. The necessary material to isolate equipment foundations from the building structure, wherever necessary.
9. Storage and insurance of all equipment, apparatus and materials.
10. The contractor's unit price shall include all equipment, apparatus material and labour indicated in the drawings and/or specifications in conjunction with the item in question on its own (and within the system as a whole) complete, even though not specifically shown described or otherwise referred to.

6. WARRANTY

One year over all Manufacturer's warranty to be provided on Cassette/Split AC from the date of completion of work and handover to the Bank. During warranty period four free servicing (in each quarter) of ACs to be done and service report to be submitted at Branch and a copy to AGM (P&E), LHO, Bhubaneswar.

7. Comprehensive Annual Maintenance Contract (CAMC):

- 1) **Quarterly servicing reports carried out during warranty period must be submitted to the SBI before expiry of warranty period. Security deposit shall be released only after receiving all four service report and agreement for CAMC with the Bank.**
- 2) Initially, work order will be placed for supply, installation and buy back items (if any) only excluding Comprehensive Annual Maintenance Contract (CAMC).
- 3) CAMC amount will be paid quarterly after submission of service report duly certified by the Branch starting from 2nd year after completion of manufacturer's warranty period.
- 4) Scope of the Works under Comprehensive Annual Maintenance Contract (CAMC):
 - A) The contractor shall carry out servicing of the air conditioners once in 3 months regularly and the first of the said service shall be carried out at the time of commencement of the contract and subsequent servicing shall be carried out on or before expiry of three months respectively.
 - B) The contractor shall attend to the any nos. of complaints of defects or breakdown in respect of the air conditioners within 24hrs during the period of this service contract.
 - C) The contractor shall attend to the services and complaints during working hours or even after working hours or on Sundays/Holidays with all due diligence and care.
 - D) Cleaning the condenser and evaporator coils with suitable detergent / chemical solution and flushing with high pressure jet water.
 - E) The contractor shall also replace or repair free of charge all components and spares which may become necessary as a result of wear or tear during the period of this contract including

replace all running parts with the new genuine spares including compressor, motor (incl. greasing), PCB gas charging etc. However, repair/replacement of filter, remote, plastic parts, cabinet sheet, evaporator coil, condenser coil are not cover under contract.

F) The contractor shall ensure the Jet water servicing as and when required within the CAMC period or as advised by the Bank.

G) The bank shall not allow any unauthorized person to tamper with the appliances even for minor repairs during the period of the contract.

H) The Contractor and / or their men shall be liable for any loss or damage caused to the equipment appliances and / or any other property of the Bank arising out of their negligence and carelessness and the Contractor shall pay damages thereon.

LIST OF PARTS COVERED UNDER CAMC CONTRACT

SR. NO	ITEMS
1	Compressors
2	Starting Capacitors
3	Running Capacitors
4	Relays,
5	Thermostats
6	Fan Capacitors
7	Fan Motors
8	Selector switches
9	Contactors (Power / Control)
10	Gas charging
11	Rewinding of motors
12	Ball bearings of motors
13	Fan blades
14	Electronic Control Circuitries
15	Micro Swing Motors
16	Built – in Timer kit
17	Condenser Coils/Copper Tubes of indoor/outdoor units
18	Parts of indoor / Outdoor unit enclosures

5) Penalty under CAMC period: During the warranty/CAMC period, in case any complaint is registered by the Branch and if the contractor fails to attend the issue within 24hrs, the work may be executed by Local Technician and the amount shall be deducted from the contractor's security deposit and a penalty of Rs.500/- shall be imposed per such instance/occasion.

6) Service / Breakdown register: The air conditioners serviced / maintained / repaired has to be recorded in register at Branch and same has to be duly signed by the concerned official from the Jatni Branch.

7) Complaint register: All complaints received with respect to air-conditioners under CAMC are to be recorded with time and date of receipt, as and when complaints are received from the Jatni Branch.

8) Breakdown services: On-Call CAMC services shall include attending to any complaint at any time of the year on receipt of verbal / written complaint from the Jatni Branch.

Comprehensive Annual Maintenance Contract (CAMC)

DECLARATION

I / We shall bound to execute the Comprehensive Annual Maintenance Contract (CAMC) for the period of 4 years (after expiry of 1-year manufacturer's warranty period) as per the rate quoted by our us vide tender No.BHU/P&E/25-26/01 dated 26.04.2025.

(Or)

I / We shall take the sole responsibility for executing the Comprehensive Annual Maintenance Contract (CAMC) for the period of 4 years (after expiry of 1-year manufacturer's warranty period) as per the rate quoted by our us vide tender No.BHU/P&E/25-26/01 dated 26.04.2025 by the Original Equipment Manufacturer (OEM) of the Air-conditioning system.

In case I / We fail to execute / perform the Comprehensive Annual Maintenance Contract (CAMC) works to ensure the optimal system performance of the VRF AC system as per the tender terms and conditions, I / We agree that the Bank, without prejudice to any right or remedy available in law, be at liberty to forfeit the security deposit or performance guarantee or quarterly CAMC amount absolutely.

Signature of the vendor / contractor
Date:
Place:

APPROVED MAKE

- 1. Copper Piping : Totaline, Max Flow, Rajco, Mandev, Nippon**
- 2. Nitrile Rubber Insulation : Supreme, A-flex, Armacel**
- 3. Cables: Finolex / RR cables /polycab or as advised /approved by OEM**
- 4. Drain Pipe: Supreme, Sudhakar, National, Prince, Astral, Prime**

Note:-

Makes or brands out of the above list. The contractor shall follow as mentioned below;

- 1) Should obtain prior approval from SBI/ Consultants/Project in charge before placing order for any specific materials SBI may / delete any of the makes or brands out of the above list.
- 2) Should conform to relevant standards and codes of BIS. Materials with I.S.I. mark shall be used duly approved by the SBI Engineer/Architect.
- 3) Any material is found to be not up to the mark, the contractor will have to produce original bills/certificate from the manufacturer or his authorized Distributor for authenticity and genuineness of the material for consideration and as per make approved by the SBI. The same will not be considered for payment.
- 4) Any additional item as per BOQ specifications or as per the instructions of the Bank / Consultants. Any of the above items / other items if any will be as approved by the Consultants & Engineer-in-charge.

5. Letter of undertaking

The Assistant General Manager,
State Bank of India,
Local Head Office,
Khurda,
Odisha – 751001.

Dear Sir,

**TENDER FOR CARRYING OUT AIR-CONDITIONING WORK OF JATNI BRANCH (BR. CD. 02071)
AT BANK'S OWN PREMISES, RBO KHURDA, VIDE TENDER ID: BHU/P&E/25-26/01 DATED
26.04.2025**

With reference to the tender for the above work, we hereby undertake:

- 1) That we have fully understood the scope of the work to be carried out and acquainted ourselves to the local working conditions.
- 2) That we shall strictly comply with the specifications laid down in the tender and the directions given by SBI during the execution of the work.
- 3) That our quoted rate is inclusive of all the material cost, labour cost, taxes, service tax, duties, transportation, loading & unloading, freight, overhead and profit and Bank shall not entertain any claim whatsoever on this account afterwards.
- 4) That after accepting the work order we shall not back out, failing which the SBI shall be at liberty to forfeit the EMD and take action against us as deemed fit without making further reference to us.
- 5) That after accepting the work order if we could not start the work within seven days from the date of issue of work order, the work order will stand cancel and for which the SBI shall be at liberty to forfeit the EMD and take action against us as deemed fit without making further reference to us.
- 6) That we shall use all the materials approved by the SBI and shall not substitute any material without obtaining prior approval from the SBI.
- 7) That we shall complete the work within the stipulated time and we understand that in case of delay on our part is liable for deduction of liquidated damage as stipulated in the tender.
- 8) That an amount equivalent to 5% of the bill value shall be retained from the payment due to us by the Bank for a defect liability period of 12 calendar months from the date of payment of final bill, which will be released after the expiry of the said defect liability period, if no defect is found during that period.
- 9) That we shall attend to any defect in the work done by us which is brought to our notice within the defect liability period, at our cost and shall not claim any extra cost for the same, failing which the SBI shall be at liberty to forfeit the Security deposit without making any further reference to us.
- 10) That we shall adhere to all the safety norms as per stipulations made by the competent authority.

Yours faithfully,

Place:

(Signature of contractor)

Date:

6. BID CONFIRMATION LETTER

To
Antares Systems Limited
#24, Sudha Complex, 3rd Stage, 4th Block,
Basaveshwara Nagar,
Bangalore - 560 079, India
E- Mail: - **kushal.b@antaressystems.com**
Tel.:- PH. NOS. : +91-80-4048-2000 (20 lines)
Mobile :- (+91) 7686913157
Fax:- +91-80-4048-2114

Sub: **TENDER FOR AIR-CONDITIONING WORKS OF JATNI BRANCH (BR. CD. 02071) AT BANK'S OWN PREMISES, RBO KHURDA, VIDE TENDER ID: BHU/P&E/25-26/01 DATED 26.04.2025**

Ref : 1 _____

2. Tender dt. _____

3. Our Offer No. _____ dt. _____

Dear Sir,

We confirm that we have quoted.

1. -----

(Price quoted on Total cost to SBI basis – **Item Rate**.....) as our final lump sum prices during the Reverse Auction conducted today.

The item wise detail rates are appended herewith.

Thanking you and looking forward to the valuable order from SBI.

Yours sincerely,

For _____

Name:

Company:

Date:

Seal:

Clarification/ Pre-Bid Query Format

(To be provided strictly in Excel Format)

Agency/ Vendor Name	Sl. No.	Tender Page No.	Tender Clause / Point No.	Existing Clause / De- scription	Query/ Suggestions

Signature and seal of the Authorized Representative

Date:

CONTACT INFORMATION

E-Tender/E-Auction Service Provider	SBI Bhubaneswar Circle
<p><u>Service provider:</u> M/s Antares Systems Limited, Registered Office at: - #24, Sudha Complex, <u>3rd Stage, 4th Block,</u> Bangalore – 560079. Ph: - 080-49352000 / 40482000 Fax: - 080-49352034</p> <p><u>Help Desk:</u> 9073677150/ 151/ 152/ 9674758506/ 9674758723/ 26/ 033 4604 6611</p> <p>Contact Person: Mr. Kushal Bose / Mr. Biswajith Mobile no. 09674758719 / 09674758723 (On working days-9 hours–18 hours) e-mail: kushal.b@antaressystems.com / biswajit.c@antaressystems.com</p>	<p><u>For Technical queries:</u></p> <p>Bodduri Veera Pratap, Dy. Manager (Electrical), P&E Dept., State Bank of India, LHO Bhubaneswar. Email : bodduri.pratap@sbi.co.in Ph: 9937337964</p>