



**ADMINISTRATIVE OFFICE,
BALASORE**

PART – I

**TECHNICAL BID
TENDER DOCUMENT
FOR**

**AIR-CONDITIONING WORKS AT RBO-PARADEEP
NEW PREMISES**

Tender No. SBI/BHU/Balasore/053/23-24

Dated 02.05.2023

NAME OF TENDERER :
ADDRESS :
GST No. :

LAST DATE OF SUBMISSION: ON 08.05.2023 up to 10.00 AM

e- NOTICE INVITING TENDERS

Tender reference No. SBI/BHU/Balasore/053/23-24

Dated: 28.04.2023

SBI, RBO- Cuttack invites online e-tenders for **AIR-CONDITIONING works at RBO-PARADEEP NEW PREMISES** from MANUFACTURERS/ Authorized Dealers of AC manufacturers. The other details of the tender are as under:

1.	Name of Work	AIR CONDITIONING WORKS AT RBO-PARADEEP NEW PREMISES.
2.	Eligibility of criteria	MANUFACTURERS/ Authorized Dealers of AC manufacturers (BLUESTAR/ VOLTAS/DAIKIN/LG/MITSUBISHI/OG) are eligible to apply. The dealers applying must have experience of carrying out single work order of AC works of value 10.00lacs (minimum) in last 5years (work order copy/ performance certificate must be submitted).
3.	Estimated Value of works	Rs.11,26,500/-
4.	Time for completion of work.	15 (Twenty-Five) days from date of work order/ allotment of work, whichever is earlier, failing which LD charges will be levied by the Bank.
5.	Earnest Money Deposit (EMD)	The successful bidder must submit the EMD of an amount of 2% of quoted value/ work order value within seven days of finalization of tender.
6.	Availability of Tender document.	From 02.05.2023 to 08.05.2023 (10AM) from Bank's website " https://www.sbi.co.in/portal/web/home/procurement-news " and www.tenderwizard.com / SBI ETENDER
7.	Security Deposit (SD)	5% of Final Work Value shall be deducted during settlement of Final Bill.
8.	Last date, time and place for submission of Online Technical Bid.	The eligible empaneled contractors under the Bhubaneswar Circle are required to submit/enclose the scan copies of following document online on or before Dt.08.05.2023 up to 10.00 AM:
9.	Last date, time and Mode of submission of Online Price Bid	The Price Bid to be uploaded/submitted online on service provider portal i.e www.tenderwizard.com / SBI ETENDER on or before Dt.08.05.2023 up to 10.00 AM.
10.	Date & Time of opening of Online Technical Bid.	11.00 AM on Dt.08.05.2023 at Service Provider's portal. Authorized representatives of vendors may be present during opening of the Tender. However, Bids would be opened even in the absence of any or all of the vendor representatives.
11.	Date & Time of opening of Online Price Bid	08.05.2023 at 11.00 AM at Service Provider's portal.
12.	Validity for Offer	3 (Three) Months from The Date of Opening of Price-Bid.
13.	Commencement of Work.	Immediately on receiving the intimation/ Work Order whichever is earlier.
14.	Conditions of work contract.	All associated minor civil works like cutting of ceiling, wall, floor and making them good, painting them to match the site requirement etc under the scope of this contract. Similarly arrangement for electrical supply to carry out the work at site is the responsibility of contractor. There should not be any delay for such reasons. Please mind all types of contingencies while quoting the rates in Price bid. No additional cost and time will be borne by the Bank in this regard. Bank

		can't pay for the wastages (if any) and the shortest path must be followed while laying cables/ wires.
15.	Deduction of income tax and payment of GST	<p>A) Income Tax will be deducted at source as per Govt. Guidelines.</p> <p>B) GST will be made only on submission of proper GST invoice as per applicable GST provision. The contractor should comply with the following :</p> <ol style="list-style-type: none"> 1. Contractor should have valid GST Registration Number. 2. Invoice should specifically/separately disclose the amount of GST levied at applicable rate as per GST provision 3. In case of Correction in the bills after scrutiny, contractor should submit fresh, GST invoice/bill for processing payment by the Bank. 4. Contractor should timely file his GST return in accordance with GST provisions to enable the bank to claim the GST credit.
16.	Terms and Mode of payment	<p>i) No advance/interim/mobilization payment will be entertained/ made to Contractor. <u>Any deviation in MAKE and/ or quality of work will lead to zero payment for that item of Bill.</u></p> <p>ii) Payment against supply of all AC units will be done within 15days from delivery of new machines at site. After successful completion of entire work balance or 95% payment will be released against submission of tax invoice and work completion certificates.</p> <p>iii) Payment shall be made by way of Electronic fund transfer and the bill will be paid by the SBI. Firm should furnish details of the bank, A/c no, IFSC code.</p> <p>iv) Payments towards the above work shall be made by SBI. The GST Number of State Bank of India for Bhubaneswar is 21AAACS8577K1Z1</p>
17.	Liquidated Damages for Delay	If the bidder is not able to complete the work within stipulated time/days in line to this contract from date of issue of the work order, LD shall be imposed at the rate 0.5 % Per week for delay subject to maximum amount of 5% of Contract Value.
18.	Termination Clause	If the bidder is unable to <u>initiate the work at site within 7 days</u> of the intimation/ Work Order whichever is earlier, the work order would be treated as <u>cancelled and the agency will not be allowed further to participate any tender in future.</u>
19.	Defects Liability Period	12 Months (Twelve months) from the date of final bill.
20.	Contact Person, Phone No of officials.	<p><u>For Technical queries:</u></p> <ol style="list-style-type: none"> 1. Deputy Manager (Electrical), AO- Bhubaneswar & Balasore. email: umasankar.dey@sbi.co.in 2. The Assistant General Manager (FI-OPS), AO- Balasore.
21.	For any details contact: E-Tendering Agency	<p>Kushal Bose Antares Systems Ltd. Mob.+91 7686913157 Email: kushal.b@antaressystems.com</p>

E-TENDERING INSTRUCTIONS TO BIDDERS

General:

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 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.

Instructions:

1. Tender Bidding Methodology:

Electronically Sealed Bid System – Two Stage – Technical Bid and Price Bid, in percentage tendering process on price bid. Firstly, technical bid will be opened and after technical evaluation, suitable agencies will be shortlisted. The Price bid (Financial bid) will be opened of only those agencies who qualifies in technical bid.

2. Broad outline of activities from Bidders prospective:

- 1.0 Procure a Digital Signing Certificate (DSC)
- 2.0 Register on the e-Procurement portal www.tenderwizard.com/SBIETENDER.
- 3.0 (The contractors need to upload scan copy of their valid empanelment letter in the portal otherwise their registration would be cancelled)
- 4.0 Create Users and assign roles on the above portal
- 5.0 View Notice Inviting Tender (NIT) on the above portal
- 6.0 Download Official Copy of Tender Documents from the above portal
- 7.0 Clarification to Tender Documents on the above portal
- 8.0 Bid-Submission on the above portal
- 9.0 Attend Public/Limited Online Tender Opening Event (TOE) on the above portal-Opening of Technical-Part
- 10.0 Post-TOE Clarification on the above portal (Optional) – Respond to SBI’s Post-TOE queries
- 11.0 Attend Public/Limited Online Tender Opening Event (TOE) on the above portal – Opening of Financial-Part (Only for Technical Responsive Bidders)

3. Digital Certificates

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>].

4. Registration

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.

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

Contact Person:/ Mr. Kushal Bose / Mr. Tousik Gohsh Mobile no. 07686913157 / 09674758724 (On working days-9 hours-18 hours) e-mail: kushal.b@antaressystems.com / tousik.g@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:

- Submission of Bid Security/ Earnest Money Deposit (EMD) & Cost of Bid Document
- Submission of digitally signed copy of Tender Documents/ Addendum
- Power of Attorney, • Two Envelopes,- Technical-Part, Each of the above electronic envelopes consists of Main bid and Electronic form (both mandatory) and bid Annexure (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.

5. 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/SBI by the bidders in time, then SBI/SBI will promptly re-schedule the affected event(s).

6. 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.

Sd/-
ASSISTANT GENERAL MANAGER (FI-OPS)
AO - BALASORE

PROCESS COMPLIANCE STATEMENT

(The bidders are required to print this on their company's letter head and sign, stamp before emailing/submission online.)

M/s Antares Systems Limited,
#24,3rd stage 4th block, Basaveswarnagar,
Bangalore-560079
Telephone no: 9073677150 / 9073677151 / 9073677152 / 033 4604 6611
Email ID: kushal.b@antaressystems.com

Agreement to the Process Related Terms and Conditions for the on-line e – tendering for AIR CONDITIONING works in RBO- PARADEEP New premises.

Dear Sir,

This has reference to the Terms & Conditions for the E-tendering mentioned in the Tender Document. 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 E-tendering as mentioned in Tender of SBI as well as this document and confirm our agreement to them.
- 3) We also confirm that we have taken the training on the E-tendering tool and have understood the functionality of the same thoroughly.
- 4) We confirm that SBI and M/s. Antares Systems ltd. Limited shall not be liable & responsible in any manner whatsoever for my/our failure to access & bid on the e-E- tendering platform due to loss of internet connectivity, electricity failure, virus attack, problems with the PC, any other unforeseen circumstances etc. before or during the E-tendering event.
- 5) We confirm that we have a valid digital signature certificate issued by a valid Certifying Authority.
- 6) We, hereby confirm that we will honour the Bids placed by us during the E-tendering process.

With regards,

Date:

Name:

Company / Organization:

Designation within Company / Organization: Address of Company / Organization:

Scan it and send to this Document on -----

ARTICLES OF AGREEMENT

This AGREEMENT is made at on this day of between SBI, a body Corporate created under SBI Act 1955, having its Corporate Centre at State Bank Bhavan, Madame Cama Road, Mumbai 400 021 and one of the circle office at SBI Local Head Office, III/1 Pandit Jawaharlal Nehru Marg, Bhubaneswar- 01 represented by authorized officer of SBI. (hereinafter called “the Employer”) on the one part and M/s _____ (proprietorship/partnership firm/Company), incorporated under the provisions of the Companies Act and having its registered office at _____ (hereinafter called “the Vendor”) represented by Shri who is authorized to enter this agreement by its Board of Directors on the other part.

AND WHEREAS the Employer has intention of engaging an AC authorized agencies under SBI, LHO, Bhubaneswar for execution of “AC **works in RBO- Paradeep new premises**”

AND WHEREAS the Employer had called for tenders from empaneled vendors for the proposed work as indicated in the scope of work and other documents attached to the tender.

AND WHEREAS the Vendor and others submitted the tenders and the Employer has awarded the contract relating to “AC **works in RBO- Paradeep new premises**” as stated in the scope of work attached to the Tender Document to the Vendor.

AND WHEREAS both the parties to this agreement are desirous of recording the terms and conditions upon which the said services are to be rendered by the Vendor.

NOW IT IS HEREBY AGREED AS FOLLOWS:

1. In consideration of the said Contract Amount to be paid at the times and in the manner set forth in the said Conditions, the Contractor shall upon and subject to the said Conditions execute and complete the work shown upon the said Drawings and described in the said Specifications and the priced Schedule of Quantities.
2. The Employer shall pay to the Contractor the said Contract Amount, or such other sum as shall become payable, at the times and in the manner specified in the said Conditions.
3. The said Conditions and Appendix thereto shall be read and construed as forming part of this Agreement, and the parties hereto shall respectively abide by submit themselves to the said Conditions and perform the Agreements on their part respectively in the said Conditions contained.
4. We shall promptly notify SBI/ SBI of any change in their constitution. It shall be open for SBI to terminate the agreement on the death, retirement, insanity or insolvency of any person/s, being director/s or partner/s, in the said company/ firm or on the addition or introduction of a new partner without the previous approval in writing of SBI. But in absence of and until its termination by SBI as aforesaid, this agreement shall continue to be of full force and effect notwithstanding any changes in the constitution of any firm by death, retirement, insanity or insolvency of any partners or the addition or introduction of any new partners. In case of retirement/ death, the surviving or remaining partners of the firm shall be jointly and severally liable for due and satisfactory performance of the terms and conditions of the agreement.
5. The Plans, Agreements and Documents mentioned herein shall form the basis of this Contract.
6. This Contract is neither a fixed lump-sum contract nor a piece work contract but a contract to carry out the work as per enclosed schedule of Items and to be paid for according to actual measured quantities at the rates contained in the Schedule of Quantities or as provided in the said Conditions and approved by the SBI.
7. The Contractor shall afford every reasonable facility for the carrying out of all works relating to “AC **works in RBO- Paradeep new premises**” in the manner laid down in the said Conditions, and shall make good any damages done to walls, floors, etc. after the completion of his work.
8. The Employer reserves to itself the right of altering the drawings and nature of the work by adding to or omitting any items of work or having portions of the same carried out without prejudice to this Contract.
9. Time shall be considered as the essence of this Contract and the Contractor hereby agrees to commence the work soon after the Site is handed over to him or from 7th day after the date of issue of formal work order as provided for in the said Conditions whichever is later and to complete the entire work within 1 month subject to nevertheless the provisions for extension of time.
10. All payments by the Employer under this Contract will be made by State Bank of India.



11. All disputes arising out of or in any way connected with this Agreement shall be deemed to have arisen at Bhubaneswar and only the Courts in Bhubaneswar shall have jurisdiction to determine the same.

12. That the several parts of this Contract have been read by the Contractor and fully understood by the Contractor.

IN WITNESS WHEREOF THE EMPLOYER and the Contractor have set their respective hands to these presents and two duplicates hereof the day and year first herein above written.

SIGNATURE CLAUSE

SIGNED AND DELIVERED by the

_____ By the

(Employer)

hand of Shri _____

(Signature of Employer)

(Name and Designation)

In the presence of :

Shri / Smt. _____

(Signature of Witness)

Address _____

(Witness)

SIGNED AND DELIVERED by the

_____ by the

(Contractor)

(Signature of Contractors)

in the presence of :

Shri / Smt. _____

(Signature of Witness)

Address _____

INSTRUCTIONS TO THE TENDERERS:**1.0 Scope of Work**

Sealed Tenders are invited for SBI for “**AC works in RBO- Paradeep new premises**”.

2.0 Tender Documents

2.1 The work has to be carried out strictly according to the specifications and conditions stipulated in tender consisting the following documents and the most workman like manner,

2.1 (a) Technical Specifications

2.1 (b) Priced Bid

2.2 The above documents shall be taken as complementary and mutually explanatory of one another but in case of ambiguities or discrepancies, shall take precedence in the order given below :

- a. Price Bid
- b. Technical Specifications
- c. Additional Conditions for Electrical Installation
- d. Special Conditions of Contract
- e. General Conditions of Contract
- f. Instructions to Tenderers

3.0 SITE VISIT

The tenderer must obtain himself on his own responsibility and his own expenses all information and data which may be required for the purpose of filling this tender document and enter into a contract for the satisfactory performance of the work. The Tenderer is requested satisfy himself regarding the availability of water, power, transport and communication facilities, the character, quality and quantity of the materials, labour, the law and order situation, climatic conditions local authorities requirement, traffic regulations etc;

The tenderer will be fully responsible for considering the financial effect of any or all the factors while submitting his tender.

4.0 EARNEST MONEY

4.1 The tenderers are not required to submit the Earnest Money.

5.0 SECURITY DEPOSIT

5.1 Total security deposit shall be 5% of the final value of the work shall be deducted from the final bill of the work as Retention money. 5% of the retention money shall be paid after the defects liability period of 1 Year as specified in the contract. The retention money will be interest free.

6.0 LIQUIDATED DAMAGES

The liquidated damages shall be 0.5% per week subject to a maximum of 5% of the actual value of work.

7.0 MANDATORY CLAUSE

In case the bidder is unable to initiate the work at site within 15days of the intimation/ Work Order whichever is earlier, the work order would be treated as cancelled and the agency will not be allowed further to participate any tender in future.

PROFORMA OF SITE ORDER BOOK

Name of the work _____

Date of Commencement _____

Sr. No.	Remarks/ Instructions of the site	Dated Initials of Site Engineer/ Architect	Initials of the Contractor for having received the Instructions with	Dated taken the site date	Remarks initials of the Architect PMC/C.C. Engineer Officials	
1	2	3	4	5	6	7

PROFORMA FOR APPLICATION BY CONTRACTOR FOR EXTENSION OF TIME

1. Name of the contractor
2. Name of the work as given in the agreement
3. Agreement WO
4. Tender Amount
5. Date of Commencement of work
6. Period allowed for completion as per agreement
7. Date of Completion as per agreement
8. Period for which extension of time has been given

	Dated	Month	Year
(a)	1 st extension vide Bank's Letter No.		
(b)	2 nd extension vide Bank's Letter No.		
(c)	3 rd extension vide Bank's Letter No.		

9. Reasons for which extensions have been previously given (copies of the previous applications should be attached)
10. Period for which extension is applied for and the reasons thereof including hindrances, time for extra work assigned, if any etc.

Signature of Contractor

PROFORMA OF HINDERANCE REGISTER

Name of work : _____ Date of state of work : _____

Name of contractor : _____ Period of Completion : _____

Agreement No. : _____ Date of Completion : _____

Sr. No.	Nature of hindrance	Date of occurrence	Date of which hindrance	Period of hindrance	Signature hindranceSE/PE	Remarks
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1	2	3	4	5	6	7
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SE = Site Engineer

PE = Project Engineer

SAFETY CODE

SAFETY MEASURES AT SITE:

1. All personnel at site should be provided with Helmets and Safety Boots with some Identification Mark. Visitors also should be provided with Helmets. It should be ensured that these are used properly.
2. First Aid Box should be kept at site with all requisite materials.
3. No one should be allowed to inspect / work at a height without Safety Belt.
4. Suitable scaffolds should be provided for workmen for all Works that cannot safely be done from the ground, or from solid construction except such short period Work as can be done safely from ladders. When a ladder is used an extra Mazdoor shall be engaged for holding the ladder and if the ladder is used for carrying materials as well as suitable footholds and handholds shall be provided on the ladder and the ladder shall be given an inclination not steeper than $\frac{1}{4}$ to 1 ($\frac{1}{4}$ horizontal and 1 vertical).

5. Scaffolding or staging more than 3.5 meters above the ground or floors, swung or suspended from an overhead support or erected with stationary support shall have a guard rail properly attached, bolted, braced and otherwise secured at least 1 Meter high above the floor or platform of such scaffolding or staging and extending along the entire length of the outside and ends thereof with only such openings as may be necessary for the delivery of materials. Such scaffolding or staging shall be so fastened as to prevent it from swaying from the building or structure.
6. Working platforms, Gangways, and Stairways should be so constructed that they do not sag unduly or unequally, and if the height of the platform or the Gangway or the Stairway is more than 3-5 Meters above ground level or floor level they should be closely boarded, should have adequate width and should be suitably fenced, as described.
7. Every opening in the floor of a building or in a working platform be provided with suitable means to prevent the fall of persons or materials by providing suitable fencing or railing whose minimum height shall be 1 Meter.
8. Safe means of access shall be provided to all working platforms and other working places. Every ladder shall be securely fixed. No portable single ladder shall be over 9 Meters in length while the width between side rails in rung ladder shall in no case be less than 30cms for ladder upto and including Meters in length. For longer ladders this width should be increased at least 6mm for each additional 30 cms. Uniform step spacing shall not exceed 30 cms.
9. Adequate precautions shall be taken to prevent danger from electrical equipment. For electrical on line works gloves, rubber mats, and rubber shoes shall be used.
10. All trenches 1.2 Meters or more in depth shall at all times be supplied with at least one ladder for each 30 Meters length or fraction thereof. Ladder shall be extended from bottom of the trench to at least 1 Meter above the surface of the ground. The sides of the trenches, which are 1.5 Meters or more in depth shall be stepped back to give suitable slope, or securely held by timber bracing, so as to avoid the danger of sides collapsing. The excavated materials shall not be placed within 1.5 Meters of the edge of the trench or half of the depth of the trench whichever is more cuttings shall be done from top to bottom. Under no circumstances undermining or under cutting shall be done.
11. Before any demolition work is commenced and also during the process of the work: -
 - a) All roads and open areas adjacent to the Work Site shall either be closed or suitably protected.
 - b) No electrical cable or apparatus which is liable to be a source of danger over a cable or apparatus used by the operator shall remain electrically charged.
 - c) All practical steps shall be taken to prevent danger to persons employed from risk or fire or explosion or flooding. No floor, roof or other part of the building shall be so over-loaded with debris or materials as to render it unsafe.
 - d) All necessary personal safety equipment as considered adequate by the Site Engineer should be kept available for the use of the persons employed on the Site and maintained in a condition suitable for immediate use; and the Contractor should take adequate steps to ensure proper use of equipment by those concerned.
 - e) Workers employed on mixing Asphaltic materials, cement and lime mortars shall be provided with protective footwear and protective goggles.
 - f) Those engaged in white washing and mixing or stacking of cement bags or any materials which is injurious to the eyes shall be provided with protective goggles.
 - g) Those engaged in welding works shall be provided with Welder's protective eye-shields.
 - h) Stone breakers shall be provided with protective goggles and protective clothing and seated at sufficiently safe intervals.
 - i) When workers are employed in sewers and manholes, which are in use, the Contractor shall ensure that the manhole covers are opened and are ventilated at least for an hour before the workers

are allowed to get into the manholes and the manholes so opened shall be cordoned off with suitable railing and provided with warning signals and boards to prevent accident to the Public.

12. Use of hoisting machines and tackle including their attachments, anchorage and support shall conform to the following standard or conditions: -

- a) These shall be of good mechanical construction, sound material and adequate strength and free from patent defect and shall be kept in good repairs and in good working order.
- b) Every rope used in hoisting or lowering materials or as a means of suspension shall be of durable quality and adequate strength, and free from patent defects.
- c) Every crane driver or hoisting appliance operator shall be properly qualified and no person under the age of 21 years should be in-charge of any hoisting machine including any scaffold, winch or give signals to the operator.
- d) In case of every hoisting machine and of every chain ring hook, shackle swivel and pulley block used in hoisting or lowering or as means of suspension the safe working load shall be ascertained by adequate means.
- e) Every hoisting machine and all gear referred to above shall be plainly marked with the safe working load. In case of hoisting machine having a variable safe working load, each safe working load of the conditions under which it is applicable shall be clearly indicated. No part of any machine or of any gear referred to above in this paragraph shall be loaded beyond the safe working load except for the purpose of testing.
- f) Motor, Gearing, Transmission, Electric wiring and other dangerous parts of hoisting appliances should be provided with efficient safeguards, hoisting appliances should be provided with such means as will reduce to the minimum the risk of accidental descent of the load, adequate precautions should be taken to reduce to the minimum the risk of any part of a suspended load becoming accidentally displaced.
- g) When workers are employed on electrical installation, which are already energized, insulating mats, wearing apparel such as gloves, rubber footwear etc.

Address:

Signature of Tenderer:

Date:

PRICE BID

PART-2

Bidders to submit the Price- Bid online in the E-Tendering Portal only.