

**DREDGING CORPORATION OF INDIA LIMITED
DREDGE HOUSE, H.B COLONY
SEETHAMMADHARA
VISAKHAPATNAM- 22
NOTICE INVITING e-Tender (NIT)**

NAME OF WORK: ACCESS CONTROL WITH TIME ATTENDENCE SYSTEM AT DREDGE HOUSE,
H.B. COLONY MAIN ROAD, SEETHAMMADHARA, VISAKHAPATNAM- 22



(TENDER NO.DCI/HR/06/E/Access Control/2020 DATED: 09/07/2020)

**JM (Elect), Ground FLOOR, DREDGE HOUSE,
H.B COLONY MAIN ROAD,
SEETHAMMADHARA,
VISAKHAPATNAM- 530022.**

INFORMATION AND INSTRUCTIONS FOR TENDERERS FOR e-TENDERING

DREDGING CORPORATION OF INDIA LIMITED INVITES ONLINE E TENDERS IN TWO BID SYSTEM I.E. TECHNICAL BID AND PRICE BID FROM THE REPUTED FIRMS IN THE FIELD OF SITC OF ACCESS CONTROL WITH TIME ATTENDENCE SYSTEM

1	TENDER NO	DCI/HR/06/E/Access Control/2020 DT:09/07/2020
2	NAME OF WORK & LOCATION	SUPPLY. INSTALLATION TESTING AND COMISSIONING OF ACCESS CONTROL WITH TIME ATTENDENCE SYSTEM
3	COST OF TENDER DOCUMENTS	Rs.270.00
4	EARNEST MONEY DEPOSIT	Rs.8,100.00
5	SECURITY DEPOSIT	20,200.00 to be submitted by L-1 Party before placing the purchase order. The EMD of the successful tenderer will be converted as part of SD and the balance amount only need to be paid
6	PERIOD OF COMPLETION	30 Days
7	LAST DATE & TIME OF SUBMISSION OF BID,EMD	20.07.2020 at 15:00 hrs
8	DATE & TIME OF OPENING TECHNICAL BID	21.07.2020 at 15:30 hrs

1. Tender shall be submitted online only at CCPP website: <https://www.eprocure.gov.in> . Downloaded tenders (offline) shall not be accepted. Tenders are advised to follow the instructions provided in the “Instructions to the tenderer for the e-submission of the bids online through the Central Public Procurement portal for e-procurement at <https://www.eprocure.gov.in>”. Aspiring Bidders/Suppliers who have not enrol/register before participating through the website <https://www.eprocure.gov.in>. The portal enrolment is free of cost.
2. Tenderer can access tender documents on the website, fill them with all relevant information and submit the completed tender document into electronic tender on the website <https://www.eprocure.gov.in>.
3. Tenders and supporting documents should be uploaded through e-procurement portal. Hard copy of the tender documents will not be accepted.
4. All documents as per tender requirement should be uploaded online and further no documents will be accepted offline. Bidder not submitting any of the required documents online will summarily be rejected.
5. The Bid is to be submitted concurrently duly digitally signed in the website <https://www.eprocure.gov.in>.
6. The details of the EMD &Tender Document cost should be filled ONLINE.
 - a) EMD: The Tender must be submitted along with Earnest Money Deposit (EMD) for Rs.8,100/- (REFUNDABLE) by depositing the said amount into Dredging Corporation of India Limited, Current Amount No: 35833070000014, IFSC/RTGS ODE: SYNB0003583, SWIFT CODE: SYNBINBB032, BANK NAME: Syndicate Bank, BRANCH NAME :DCI LTD, Port Area Branch, Visakhapatnam- 5300001.
 - b) TENDR DOCUMENT COST: The Tender must be submitted along with Tender document cost for Rs.270.00 (Rupees Two Hundred and Seventy Rupees only) by depositing the said amount into Dredging Corporation of India Limited, Current Amount No: 35833070000014, IFSC/RTGS CODE :SYNB0003583, SWIFT CODE: SYNBINBB032, BANK NAME: Syndicate Bank, Branch Name: DCI LTD, Port Area Branch, Visakhapatnam-5300001.
 - c) EMD is exempted for MSME vendors. MSME certificate to be upload.
7. All the bidders should submit the information in objective manner and uploaded documents should be verified to know whether correct document is uploaded or not. Scanned copy of the documents should be submitted online by the bidder while uploading the documents under Cover 1:

List of Documents to be up loaded in e-tender within the last date of submission:

1. Details of payment made online in DCI account towards cost of tender documents / EMD like UTR NO., Dated, etc or /Bank Guarantee of any Scheduled Bank.
2. Certificates of work experience.
3. Certificate of Financial Turnover from
4. Duly signed annexure with regard to details of relatives working in DCI/ illegal gratification, etc.
5. Copy of Certificate of registration for GST.
6. The contractor has to upload PAN card, Bank details for e payment, Firm's registration certificate, etc.
7. MSME Certificate, if applicable.

ELIGIBILITY CRITERIA

- 1) Should have satisfactory completed the similar works as mentioned below during the last Seven years ending on the last date of submission of tender.
- 2) The firm should submit the copies of completion certificate issued by the offices of the client. The completion certificate must clearly indicate the following (originals shall be produced for verification).
 - i) The date of completion of work.
 - ii) Nature and value of the work.
 - iii) That the work has been completed satisfactorily.
 - iv) Work order value.
- 3) Should have had average annual financial turnover of Rs. 1.21Lakhs per year during the last three years ending 31st March 2020 (Scanned copy of Certificate from CA to be uploaded)
- 4) Should not have incurred any loss in more than two years during the last five years ending 31st March 2020.
- 5) The experience of having successfully completed similar work during the last seven years ending last month previous to the one in which applications are invited should be either of the following:
 - a) Three similar completed works costing not less than Rs.1.21 lakhs.
OR
 - b) Two similar completed works costing not less than Rs.2.02lakhs.
OR
 - c) One similar completed work costing not less than Rs. 3.23 lakhs.

1. The intending bidder must read the terms and conditions of the tender carefully before submitting. They should only submit their bid if they consider them-self eligible and are in possession of all the documents required.
2. Information and Instructions for bidders posted on website shall form of bid document.
3. The bid document consisting of plans, specifications, the schedule of quantities of various types of items to be executed and the set of terms and conditions of the contract to be complied with and other necessary documents can be seen and downloaded from website www.eprocure.gov.in or www.dredge-india.com.
4. But the bid can only be submitted after deposition of EMD online in DCI account as per the details given below or Bank Guarantee of any Scheduled Bank towards EMD in favour of Dredging Corporation of India Limited, Visakhapatnam-22 as per the details enclosed in the annexure.
5. The intending bidder must have valid class-III digital signature to submit the bid.
6. On opening date, the contractor can login and see the bid opening process.
7. Contractor can upload documents in the form of JPG format and PDF format.
8. **Certificate of Financial Turn over:** At the time of submission of bid contractor may upload Affidavit/Certificate from CA mentioning Financial Turnover of last 3 years or for the period as specified in the bid document and further details if required may be asked from contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
9. Contractor must ensure to quote rate of each item. The column meant for quoting rate in figures appears in pink colour and the moment rate is entered, it turns sky blue.
In addition to this, while selecting any of the cells a warning appears that if any cell is left blank the same shall be treated as "0". Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO).
However, if a tenderer quotes nil rates against each item in item rate tender, the tender shall be treated as invalid and will not be considered as lowest tenderer.
10. The Technical bid shall be opened first on due date and time as mentioned above. The time and date of opening of financial bid of contractors qualifying the prequalification

bid shall be communicated to them at a later date.

11. The department reserves the right to reject any prospective application without assigning any reason and to restrict the list of qualified contractors to any number deemed suitable by it, if too many bids are received satisfying the laid down criterion.
12. If it is desired to submit revised financial bid then it shall be mandatory to submit revised financial bid. If not submitted then the bid submitted earlier shall become invalid.
13. The contractor whose bid is accepted will also be required to furnish either copy of applicable licenses/registrations or proof of applying for obtaining licenses, etc. if required. The letter of award shall be issued to the lowest contractor only. No Running Account Bill shall be paid.
14. The following authorization from manufacturer shall be made available by the bidder along with submission of the performance guarantee:-
 - i) Authorization for providing service support for the equipment quoted by the party during the defect liability period.
 - ii) They will provide the technical support / service for the equipment proposed to be installed in DCI.
 - iii) Certificate from manufacturer that the models quoted are in regular production and will not become obsolete for at least next five years.
15. The hard ware and soft ware should be same manufacturer only and the OEM should be manufacturing in India only. The required documentary proof should be submitted.

DREDGING CORPORATION OF INDIA LIMITED
E- TENDER NO. DCI/HR/06/E/Access Control/2020, DT: **/07/2020

Dredging Corporation of India Limited, Dredge House, H.B Colony Main Road, Seethammadhara, Visakhapatnam- 530022 invites online e-tenders in two bid system i.e. Technical Bid and Price Bid from the specialized firms in the field of SITC of Grid-Interactive Solar PV System for the following work:-

**NAME OF WORK: SUPPLY INSTALLATION TESTING AND COMISSIONING OF
ACCESS CONTROL WITH TIME ATTENDNCE SYSTEM AT
DREDGING HOUSE H.B COLONY MAIN ROAD,
SEETHAMMADHARA, VISAKHAPATNAM-22**

Intending bidders are eligible to submit the bid provided he has definite proof from the appropriate authority, which shall be to the satisfaction of the competent authority, of having satisfactorily completed similar works of magnitude specified below:-

Criteria of eligibility for submission of bid documents Conditions.

As per **INFORMATION AND INSTRUCTIONS FOR CONTRACTORS FOR e-TENDERING**

To become eligible to participate in the bid, the bidders shall have to furnish an affidavit as under:-

I/We undertake and confirm that eligible similar works (s) has/ have not been got executed through another contractor on back to back basis. Further that, if such a violation comes to the notice of Department, then I / we shall be debarred for bidding in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Earnest Money Deposit / Performance Guarantee.

(Scanned copy to be uploaded at the time of submission of bid)

1. The time allowed for carrying out the work will be 30 days from the date of handing over of the site, indicated in the tender documents.
2. Intending Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site, the accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. A bidder shall be deemed to have full knowledge of the

site whether he inspects it or not and no extra charge consequent on any misunderstanding or otherwise shall be allowed. The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a bidder implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be and local conditions and other factors having a bearing on the execution of the work.

3. Dredging Corporation of India Limited does not bind itself to accept the lowest or any Other bid and reserves to itself the authority to reject any or all the tenders received without assigning any reason. All bids in which any of the prescribed condition is not fulfilled or any condition including that of conditional rebate is put forth by the bidders shall be summarily rejected.
4. Canvassing whether directly or indirectly, in connection with bidders is strictly prohibited and the tenders submitted by the contractors who resort to canvassing will be liable to rejection.
5. This notice inviting Tender and complete tender documents shall form a part of the contract document. The successful bidder/contractor, on acceptance of his bid by the Accepting Authority shall within 15 days from the stipulated date of start of the work, sign the contract consisting of :-
6. The Notice Inviting Tender, all the documents including additional conditions, specifications and drawings, if any, forming part of the tender as uploaded at the time of invitation of tender and the rates quoted online at the time of submission of bid and acceptance thereof together with any correspondence leading thereto.
7. In case any discrepancy is noticed between the documents as uploaded at the time of submission of the bid online and hard copies as submitted physically, then the bid submitted shall become invalid and DCI shall, without prejudice to any other right or remedy, be at liberty to forfeit earnest money as aforesaid. Further the tenderer shall not be allowed to participate in the retendering process of the work.

SECTION I

GENERAL AND COMMERCIAL CONDITIONS

1.0 GENERAL

This specification covers manufacture, testing as may be necessary before dispatch, delivery at site, all preparatory work, assembly and installation, commissioning putting into operation of Access Control with Time Attendance System.

Location: The proposed Provision of above system at Dredge House, H.B Colony Main Road ,
Seethammadhara, Visakhapatnam-22.

The tenderer should, in its own interest, visit the site and get familiarized with the site conditions before tendering.

No T & P shall be issued by the Department and nothing extra shall be paid on account of this.

Type of Contract: The work to be awarded by this tender shall be treated as indivisible works contract.

2.0 TERMS OF PAYMENTS

Payment will be made only after completion of the work and on acceptance by DCI and on submission of invoice, etc. and within 30 days.

3.0 RATES

No foreign exchange shall be made available by DCI for importing (purchase) of equipments, plants, machinery, materials of any kind or any other items required to be carried out during execution of the work. No delay and no claim of any kind shall be entertained from the Contractor, on account of variation in the foreign exchange rate.

The rates quoted by the tenderer, shall be firm and inclusive of all taxes (including works contract tax), GST, octroi, entry tax, duties and levies and all charges for packing forwarding, insurance, freight and delivery, installation, testing, commissioning etc at site i/c temporary constructional storage, risks, overhead charges, general liabilities/obligations and clearance from local authorities.

4.0 COMPLETENESS OF TENDER

All sundry equipments, fittings, unit assemblies, accessories, hardware items, foundation, foundation bolts, painting, termination lugs for electrical connections, and all other items which are useful and necessary for efficient assembly and installation of equipment and components of the work shall be deemed to have been included in the tender irrespective of the fact whether such items are specifically mentioned in the tender documents or not.

5.0 CARE OF THE BUILDING

Care shall be taken by the contractor while handling and installing the various equipments and components of the work to avoid damage to the building. He shall be responsible for repairing all damages and restoring the same to their original finish at his cost. He shall also remove at his cost all unwanted and waste materials arising out of the installation from the site of work.

6.0 COMPLETION PERIOD

The completion period indicated in the tender documents is for the entire work of planning, designing, approval of drawings etc., arrangement of materials & equipments, delivery at site including transportation, installation, testing, commissioning and handing over of the entire system to the satisfaction of the Engineer - in-charge.

7.0 GUARANTEE

All equipments shall be guaranteed for a period of 12 months, from the date of taking over the installation by DCI, against unsatisfactory performance and/or break down due to defective design, workmanship or material. The equipments or components, or any part thereof, so found defective during guarantee period shall be forthwith repaired or replaced free of cost, to the satisfaction of the Engineer-in- Charge. In case it is felt by DCI that undue delay is being caused by the contractor in doing this, the same will be got done by other source at the risk and cost of the contractor. The decision of the Engineer-in-charge in this regard shall be final & binding on the contractor.

The tenderer shall guarantee among other things, the following:

- (a) Quality, strength and performance of the materials used as per manufacturers standards.
- (b) Safe mechanical and electrical stress on all parts under all specified conditions of operation.

(c) Satisfactory operation during the maintenance period.

8.0 POWER SUPPLY/ WATER SUPPLY

Power and water supply will be arranged by DCI at the site at free of cost for installation, testing purpose Contractor will take due care to ensure safety of electrical installation during execution of work.

9.0 The successful tenderer should furnish well in advance three copies of detailed instructions and manuals of manufacturer's for all items of equipments regarding installation, adjustments, operation and maintenance including preventive maintenance & trouble shooting together with all the relevant data sheets, spare parts catalogue etc. all in triplicate.

10.0 EXTENT OF WORK

The work shall comprise of entire labour including supervision and all materials necessary to make a complete installation and such tests and adjustments and commissioning, as may be required by DCI. The term complete installation shall not only mean major items of the plant and equipments covered by specifications but all incidental sundry components necessary for complete execution and satisfactory performance of installation with all layout charts whether or not those have been specifically mentioned in bill of quantity in the tender document. However, major equipment not covered in the scope of the work and required subsequently as an additional feature, not covered in the contract specifications, shall be paid extra. The decision of the engineer-in-charge in the matter shall be final and binding upon the contractor.

11.0 INSPECTION AND TESTING

Copies of all manufacturers' routine and type test, certificates of the equipments shall be furnished to DCI

12.0 INDEMNITY

The successful tenderer shall at all times indemnify the DCI, consequent on this works contract. The successful tenderer shall be liable, in accordance with the Indian law and regulations for any accident occurring due to any cause and the contractor shall be responsible for any accident or damage incurred or claims arising there from during the period of erection, construction and putting into operation the equipments and ancillary equipment under the supervision of the successful tenderer in so far as the latter is responsible. The successful tenderer shall also provide all insurance including third party insurance as may be

necessary to cover the risk. No extra payment would be made to the successful tenderer on account of the above.

13.0 ERECTION TOOLS

No tools and tackles either for unloading or for shifting the equipments for erection purposes would be made available by the department. The successful tenderer shall make his own arrangement for all these facilities.

14.0 COOPERATION WITH OTHER AGENCIES

The successful tenderer shall co-ordinate with other contractors and agencies engaged in the construction of buildings, if any, and exchange freely all technical information so as to make the execution of this work/contract smooth. No remuneration should be claimed from DCI for such technical cooperation. If any unreasonable hindrance is caused to other agencies and any completed portion of the work has to be dismantled and re-done for want of cooperation and coordination by the tenderer during the course of work, such expenditure incurred will be recovered from the successful tenderer if the restoration work to the original condition or specification of the dismantled portion of the work was not undertaken by the tenderer himself.

15.0 The work will be carried out with least disturbance during shifting & shut down taken in consultation with the client department.

16.0 INSURANCE AND STORAGE

All consignments are to be duly insured up to the destination from warehouse at the cost of the contractor. The insurance covers shall be valid till the equipment is handed over duly installed, tested and commissioned.

17.0 VERIFICATION OF CORRECTNESS OF EQUIPMENT AT DESTINATION

The contractor shall have to produce all the relevant records to certify that the genuine equipments from the manufacturers has been supplied and erected.

18.0 TRAINING

The scope of works includes the on job technical training of two or more persons of DCI at site. Nothing extra shall be payable on this account.

19.0 QUALITY ASSURANCE:

All the materials to be used in the work shall be new and of good quality and shall be got approved from the Engineer-in-Charge before use at site. The equipment shall be not older more than 6 months from the date of receipt at site or year of manufacturing should be current. The equipment shall be procured directly from the manufacturer or authorized dealer and

delivery Challan/invoice/ proof of dispatch of material of the Agency from where the material is purchased in support of genuineness of material shall be submitted along with bill for verification. Manufacturer test certificates of all the equipment and material shall be submitted along with supply.

20. ARBITRATION:

Should any dispute or difference arise between the Corporation and the contractor in connection with this contract, or as to the rights and liabilities of the parties here to, it will be referred to Arbitration by a sole Arbitration, a person to be Appointed by the Chairman-cum-Managing Director, Dredging Corporation of India Ltd., Visakhapatnam and the award of the Arbitrator shall be final and binding upon the parties here to, subject to the provisions of the Arbitration and Conciliation Act, 1996 (Act,26 of 1996). The Arbitrator will give a reasonable award. It will be in Accordance with the provisions of the Arbitration and Conciliation ACT, 1996 of any statutory modification or re-enactment thereof. The Arbitration may from time to time with the consent of the parties enlarge the time for making & publishing the award any interest in the award either for the Pre-reference period of pen dentine life. The venue of the Arbitration will be at Visakhapatnam, and the courts at Visakhapatnam will have exclusive jurisdiction on all matters with reference to this contract.

21.0 The tenderer will furnish a certificate that he is not related to any officer of Dredging Corporation of India Limited or any officer of the rank of asst. Secretary or above in the ministry of Shipping, Government of India. The tender should give a declaration along with their tender about the names of the relatives, who are employed in Dredging Corporation of India Limited. Pro-forma of declaration attached. (Pro- forma -I).

22.0 The tenderer shall give an undertaking that they have not made any payment or illegal gratification to any person/authority connected with the bid process so as to influence the Bid process and have not committed any offence under Prevention of Corruption Act in connection with the Bid process (Pro-forma-II) The tenderer shall disclose any payments made or proposed to be made to any intermediaries (agents) in connection with the bid (Pro-forma-II)

23.0 In case the tenderer fails to execute and complete the works within the stipulated period, liquidated damages @ 1% per week or part thereof up to a maximum of 10% of the contract value for delay in the completion of work will be levied on the value of the balance work to be completed as per work order for non-completion of the work.

24.0 The bidder should mention make, model Number ,etc. for each equipment or item for which they have submitted their offer. The details should be submitted along with the technical Bid.

25.0 Should interface with our ERP SQL 2006 Database, ERP SD – Micro dynamic 365.

SECTION 2

PART-I: TECHNICAL SPECIFICATIONS FOR SITC OF ACCESS CONTROL WITH TIME ATTENDENCE SYSTEM

I) ENTRY DEVICE:- FACE RECOGNITION WITH TIME AND ATTENDANCE AND ACCESS CONTROL SYSTEM

TECHNICAL COMPLIANCE SHEETS OF ENTRY DEVICE				
	Parameters	Technical Details	Compliance (Y/N)	Remarks if any
GENERAL	Credential Support	Face, Fingerprint, EM Proximity Card, PIN and Bluetooth		
DISPLAY	Display	3.5" IPS Display with Capacitive Touch Panel with Gorilla Glass		
	Display Resolution	480 x 320 Pixel (HVGA)		
CAPACITY	Max. User	50,000		
	Max. Fingerprint Template Storage	25,000 in 1: N Mode and 100,000 in 1:1 Mode		
	Max Face Template Storage	100,000 in 1:N Mode		
	Events Buffer	5,00,000		
AUDIO-VISUAL	User Photo Display	Yes		
	Buzzer	Yes		
Hardware	OS	Embedded LINUX		
	CPU	800 MHz ARM Cortex A8 based Processor		
	Flash Memory	512 MB Flash		
	RAM Memory	512 MB DDR3 RAM		
	Power	12 VDC @ 2A		
	Backup Battery	Yes, Up to 2 Hours (Rechargeable- 2 Batteries Additional)		
	Mounting Options	Wall Mounting		
	Dimensions	Wall Mount: 311mm(H) x 193mm(W) x 85mm(D)		
	Enclosure Material	Aluminium Metal		
ENVIRONMENTAL	Humidity	5% to 85% RH Non-Condensing		
	Operating Temperature	0°C to + 45°C (32°F to 113°F)		

	Thermal Sensor	Yes, Built-in to Indicate Overheat Conditions		
FINGERPRINT SENSOR SPECIFICATIONS	Sensor Name	Suprema Optical Sensor		
	Sensor Technology	Optical Technology		
	Encryption	256-bit AES		
	Equal Error rate (ERR)	<0.08%		
	Resolution (dpi)	500		
	Sensing Area	16.0mm x 18.0mm		
	Template Size	384 bytes		
	Image Size (Pixel)	288 x 288		
	Fingerprint Module	ISO 19794-2 Compliant		
ISO Card Support	Proximity - 125 KHz	No ISO Standards		

II Technical Specifications for Exit Controller				
	Parameters	Technical Details for Exist Device	Compliance (Y/N)	Remarks
GENERAL	Credential Support	Card		
	User Capacity	10,000		
	Type of Card	EM Proximity Card		
CAPACITY	Cards Per User	2		
	Events Buffer	50,000		
COMMUNICATION	RS-485	Yes (115.2 Kbps)		
	Battery Backup	No		
	Ethernet	Yes (10/100 Mbps)		
	PoE	Yes (IEEE 802.3 af)		
INTERFACES	Exit Switch	Yes		
	Door Status Sense	Programmable NO, NC, Supervised		
	Door Lock Relay	Form C, SPDT Relay (Max 1A@30 VDC)		
	Door Lock Power	Internal 12VDC @ 0.5A or External		
	Reader Interface types	RS 232, and Wiegand IN/OUT		
AUDIO-VISUAL	Buzzer	Yes		
	LED	Single LED (Tri-Color)		
CONFIGURATION	CPU	32 Bit Micro-controller		
	Flash Memory	512 KB Internal Memory + 4 MB External Flash		
	RAM Memory	128 KB SRAM		
ELECTRICAL	Input Power	12 VDC @ 2A		
ENVIRONMENTAL	Humidity	5% to 85% RH Non-Condensing		
OTHERS	System Integration	Software API for Software Integration		
	Operational Mode	Direct Door with Server		
	Tamper Detection	Yes		

	Real Time Clock	Rechargeable RTC with NTP Server/ GPS Clock		
	IP65	Verified		
	Certification	CE, BIS		

III) APPLICATION SOFTWARE:-

Application Software Platform			
Specifications	Compliance (Y/N)	Remarks if any	
Provides User License for 300Users			
Web based user friendly GUI application and real-time monitoring of door controllers from one place			
Built on 3-Tier, .NET Platform with MS-SQL and Oracle database, expandable and modular without change in the hardware			
Facilitates handling large corporations with multiple remote sites			
Supports automatic template distribution of credentials viz. palm vein, fingerprint, and RFID card			
Provides head count of number of users in the premises			
Provides basic door access feature to users			
Provides raw swipe events			
Allows configuration of various software modules			
Supports upto 65000 door controllers and 1 million users in the network			
Provides an administrator's interface to manage-monitor data and the individual application modules			
Provides creation of login roles & rights			
Provides user photo display on large screen during access			
Offers multiple user configuration at a time			
Provides a search tool to allow authorized system users to examine the audit log files			
Allows the assignment of operator levels to define the system components that each operator has access to view, operate, change or delete			
Facilitates the door controllers in network to automatically push the data to server			
Offers database browse-search functionality utilities to browse the database tables			
Supports Dynamic DNS facility, thus eliminating Static IP requirement			
Offers virtual message board facility for posting daily notices, news, announcements			
Offers integration through database to database, through API			
Allows integration with SAP, ERP, HRM, Payroll, Tally through Web API			
Provides integration with different hardwares like door controllers, locks, readers, electronic door controlling devices, etc.			
Supports database posting, retrieval, removal, backup and restore options			

Supports Active Directory integration		
Supports automatic and customized SMS & E-mail notifications		
Offers generation of informative reports & charts with various filters, customized report templates; and export reports in Excel, Word, RPT, PDF, CSV and XML etc.		
Supports automatic E-mail scheduler facility for different reports		
Supports automatic database backup facility at scheduled time		
Provides user enrolment management software module with user photograph upload facility, user verification functionality, mass enrolment functionality, user name and ID search functionality, etc.		
IV) Time-Attendance features		
Specifications	Compliance (Y/N)	Remarks if any
Facilitates superlative range of flexible functions such as Multiple Organizations, Late-In, Early-Out Policy, Overtime Policy, Absenteeism Policy, Multiple Holidays, Holiday Schedules, Manual Entry and corrections of Entry-Exit Events and Attendance Summary		
Allows to create multiple branches, department, sections, designations, grades and categories		
Offers the leave management module covering different leave type creation, organization-wise leaves, leave request and approvals, leave balance management, leave accumulation and carry forward option and leave encashment option for organized leave management		
Sends SMS / Email alerts for various pre-defined events such as User Events, Leave Application, Leave Approval/Rejection, Monthly Attendance, and Missing In/Out Punch to multiple users automatically on the occurrence of any such events		
Offers integration through API, database to database, and customized export template		
Allows seamless integration with third party Payroll, HRM, Tally, SAP, ERP, Active Directory, etc.		
Allows creating 150+ time-attendance, leave, and shifts related reports and colorful charts using various filters and formats, also offers customized reports		
Offers generation of various statutory reports		
Offers an option to assign a new shift automatically based on user's punch details		
Manages unlimited shifts and 999 schedules		
Manages continuous shifts as well as overnight shifts		
Interprets User punches for entry or exit depending on attendance policy configuration		
Monitors late-in entry and early-out exit of employees based on their shift timings		
Allows calculating overtime on a daily, weekly, or monthly basis		
Facilitates converting overtime hours to compensatory off hours and offer additional leave or encashment options		

Allows creating multiple shifts and schedules with break time, grace time, off day, repeat days, etc. to manage workforce of organization		
Allows creating 30 holiday schedule groups with 32 holidays in each group		
Facilitates corrections and manual entries of entry-exit events like attendance records, overtime/C-OFF hours, late-in/early-out timings, etc.		
Send customized SMS and email messages to announce gatherings, meetings, latest news, changed rules, etc.		
Offers User-wise and Period-wise options with Late-In, Early-Out, Overtime, C-OFF and Absenteeism Policies		
Generates past adjustment data automatically and includes it into current month's salary calculations		
Offers generation of attendance summary that includes various employee data like attendance, leaves, weekly off and holidays organization-wise, department-wise and user defined period-wise		
Offers creating up to two levels of authorization for leaves and tour approval		
Facilitates defining common rules and parameters like number of duplicate punches allowed, auto shift correction, maximum late-in/early-out allowed time, password security, etc. as templates that can be applied globally to all users		
V) Access Control features :-		
Specifications	Compliance (Y/N)	Remarks if any
Supports different access modes such as Palm Vein, Finger, Card, or combination of any.		
Real Time Monitoring and Database Storage to server through Auto Push Technology		
SMS and Email Notification during Access Rule Violation, Access Route Violation, Duress Detection, etc.		
Two person Authentication for high end security at defined Areas		
Anti-pass back restricts Second entry if exit punch not found for first entry		
Integration with door lock and exit reader from single door controller		
Controls user in defined Areas, once the space exceeds the user capacity		
System controls the number of users within designated area.		
Avoids tail-gaiting of doors		
Centralized monitoring connecting multi-location from a central place		
Capable enough to control Door, and supply power to exit switch and door lock		
Read range of 5 cm - 7.5 cm when used with the accepted compatible access card technology.		
Zone, Time and User based Access		
Minimum 99 time-zones to grant time based access rights		
99 access zones with different access levels ranging from 0 to 15 to door controllers and users		

Facility to encode a unique number string in a card as well as door controller. In case where there is failure between door controller and panel, it allows user to access the zone with this code		
Feature for cardholder, when forced to open a door under duress, shall be able to send a high priority alarm up to the operator, in order to alert security of the fact.		
Integration with Fire Alarm, Video Surveillance for high-end security		
Motion sensor, beam detector, vibration sensor, panic button should be integrated with biometric device		
Time stamping functionality takes snapshot of the person accessing a door and generates reports with the photograph.		
Generation of various reports like Access Rule Violation, Guard Tour, Anti - Pass Back, Access Route Violation, etc in PDF, excel, word etc.		

BILL OF QUANTITIES:-

SL.NO	Description of the Item	Quantity in Nos	RATE PER UNIT		TOTAL	
			RS.	PS.	RS.	PS.
01.	Plain RFID Card(EM Proxy)	300				
02.	ID-Includes RFID ,Tag ,holder ,ID Designing and printing charges (Premium Quality)	300				
03.	Face Recognition Time and attendance system with Access control as per the specifications mentioned at Section 2, I	05				
04.	RFID Access Controller for exit as per the specification mentioned at Section 2,II	05				
05.	Double door electro magnetic lock	05				
06.	L/U Bracket	10				
07.	12V-2AMPS Power Adaptor	05				
08.	Installation Charges Per Door	05				
	Total basic value					
	GST @ %					
	Grand Total					

NOTE:

The items mentioned are required for installation of Access Control with Time Attendance System at DCI, AOB, Dredge House, H.B Colony Main Road, Seethammadhara, Visakhapatnam- 22.

The tenderer should take into consideration the equipment/ materials required for Access Control With Time Attendance System and its related works/ materials required to complete the project in all respects other than the items mentioned in this SCOPE OF WORK also, if any.

FORM OF BANK GUARANTEE BOND FOR SECURITY DEPOSIT.

(To be executed on Rs. 100/- Non-judicial stamp paper)

In consideration of dredging Corporation of India Limited, a Company incorporated under the company Act 1956 and having its registered office at Core-2, Floor, Scope miner, plotNo.2A & 28, Laxmi Nagar District centre, Delhi-110091 (herein after called the DCI having agreed to exempt. M/s. ----- (indicate name & full address of the tenderer) (hereinafter called the said "Tenderer")From payment under the terms and conditions of the tender dated.-----No.-----made between the DCI. And the tender for -----(here in after called the said "tender") of earnest money deposit in cash for the due fulfilment by the said tenderer of the terms and conditions contained in the said tender on production of a bank Guarantee for Rs.------(Rupees.-----Only).

1. We -----(indicate the name of bank) (here in after referred as the bank) at the request of M/s.----- the said tenderer do here by undertaking to pay to the DCI an amount not exceeding Rs.----- against any loss or damage caused to or suffered or would be caused to or suffered by the DCI by reason of any breach by the said tenderer of any of the terms of conditions contained the said tender.

2. We ----- do here by undertaking to pay the amounts due and (indicate the name of Bank)-----Payable under this guarantee without any demur, merely on a demand from the DCI stating that the amount claimed is due by way of loss or damage caused to or damage caused to or said tenderer of any of the terms or conditions contained in the said tender. Any such demand made on the bank shall be conclusive as regards the mounts due and payable by the bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs,

3. We undertaking to pay to the DCI any money so demanded not withstanding any dispute or disputes raised by the said tenderer in any suit or proceeding pending before any course or Tribunal relating thereto our liability under this present being absolute and unequivocal. The payment made by us under this bond shall be valid discharged of our liability for payment there under mind the said tenderer shall have no claim against us for making such payment.

4. We------(indicate the name of bank) Further agree that the guarantee here in contained, 1 all remain in full force and effect during the period that would be taken for the performance of the said tender and that it shall continue to be enforceable ill all the dues of the performance of the OCI under off by virtue of the said tender have been fully paid and its claim satisfied or discharged for till the DCI certifies that the terms and conditions of the said tender have been fully and properly carried out by tile said tender and accordingly discharged this guarantee. Unless a demand of claim under this guarantee is made on I/s in written on or before -----, we shall be discharged from nil liability under this guarantee thereafter.

5. We -----(indicate the further agree that the DCI shall have the fullest liberty without our consent and with our affecting in any manner our obligations here under to vary any of the terms and conditions of the said tender or to extend time to time any of the terms and conditions relating to the said tender by the DCI against to the said tenderer and to forbear or enforce any of the terms and reason of any such variation or extension being granted to the said tenderer of for any forbearance, act or omission on the pan the DCI or any indulgence by the DCI to the said tenderer or by any such matter or thing whatsoever which under the law relating to sureties would, but (or this provision, have effect of so relieving us.

6. This guarantee will not be discharged to the change in the condition of the bank or the tenderer.

7. We,----- (indicate the name of bank) lastly undertake not to revoke this guarantee during its currency expect with the previous consent of the DCI in writing.

Date the ----- day of ----- 2009

For ----- (indicate the name of bank)

PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT

(TO BE EXECUTED ON NON-JUDICIAL STAMP PAPER WORTH OF. Rs 100/.)

To,

The Dredging Corporation of India Ltd,

“Dredge House “, H.B Colony,

Main Road, Seethammadhara,

Visakhapatnam :-530022

Whereas -----(indicate name &full address of the tenderer) (here in after called the “tenderer “) has submitted its tender dated ----- for the Execution of (Name of work) In favour of DREDGING CORPORATION IF INDIA LIMITED, Dredge House, H.B Colony Main Road , Seethammadhara, Visakhapatnam-22 (here in after called the “corporation”).

Know all men by these present that we,

(Bankers full address)(here after called “bank”) are bound unto the corporation for the sum of Rs. xxxxxxxxx(Rupees only) for which payment will and truly to be made to the said corporation, the bank binds itself its successors and assigns by these present.

THE CONDITIONS of this obligation are:

If the tenderer withdraws his tender

(a)During the period of validity of me tender specified in me tender (or)

(b) After having been notified of the acceptance of his tender by the corporation during me period of tender Validity.

2. Fails or refuses to execute the Agreement, if required. Or do not commence the work as per the letter of Intent or work order.

We undertake to pay to the Corporation up to the above amount upon receipt of their first written demand without the corporation having to substantiate their demand, provided that in their demand the Corporation will note that the amount claimed is due to him owing to the occurrence of one or more of the above conditions, specifying the occurred condition or conditions.

Notwithstanding anything here in contained our liability under this guarantee is limited to Rs.-----
------(Rupees -----only) and will remain in force up to 90 days from the date of opening of tender and any demand in respect thereof must reach the bank not later than the date of expiry of this guarantee failing which all the rights of the Corporation under the guarantee shall be forfeited and the bank shall be deemed to be relieved or discharged from all liabilities here under.

PROFORMA- I

Date: **.07.2020

To

M/s. Dredging Corporation of India Ltd.,
“Dredge House “. H.B Colony,
Main Road, Seethammadhara,
VISAKHAPATNAM-530022.

Sir,

Sub: Tender for Access control with time attendance system–Reg.

With reference to your Tender No. DCI/HR/06/E/Access Control/2020 Dated. 09/07/2020 and as per CI. No. 29 of general & Special conditions of the contract, we here by certify that we are not related to ay officer of Dredging Corporation of India Ltd., or any officer of the rank of the Asst. Secretary or above in the Ministry of Shipping, Government of India and also certify that we do not have any relatives employed in the Dredging Corporation of India Ltd.,

Thanking you,

Yours faithfully,

PROFORMA-II

Date: **.07.2020

To

M/s. Dredging Corporation of India Ltd.,
“Dredge House”, H.B Colony,
Main Road, Seethammadhara,
Visakhapatnam -530022.

Dear Sirs,

Sub: Tender for Access control with time attendance system -Reg.

With reference to your tender No. DCI/HR/06/E/Access Control/2020 Dt. 09/07/2020. And as per clause No 30 of general & special conditions of the contract, we here by certify that we have not made any payment of illegal gratification to any person /authority connected with the bid process so as to influence the bid process and have not committed any offence under the prevention of Corruption Act in connection with the bid.

Thanking you,

Yours faithfully,