

**RITES LIMITED**  
**(A Government of India Enterprise)**

**E-TENDER DOCUMENT FOR**

**“TENDER FOR GEOTECHNICAL INVESTIGATION WORK AT LEH AND KARGIL CITY FOR  
FEASIBILITY ASSESSMENT OF INTEGRATED MASS TRANSIT SYSTEM AND ALLIED  
INFRASTRUCTURE PROJECT IN LEH AND KARGIL”**

**Tender No.: RITES/RCED/GT/IMTS /UT-Leh/DRILLING/2023**

**APRIL 2023**



**RCED SBU, 5<sup>th</sup> Floor, Right Wing  
RITES Bhawan, Plot-1,  
Sector 29, Gurgaon-122 001, INDIA  
Tel No.: 0124-2571677 / Fax: 0124-2571660**

*Cost of Tender document: ₹ 2500/- (Rupees two thousand and five hundred only)*

# **SECTION 1**

# **NOTICE INVITING TENDER AND INSTRUCTIONS TO TENDERERS**

## **SECTION 1**

### **NOTICE INVITING TENDER AND INSTRUCTIONS TO TENDERERS**

#### **1.0 GENERAL**

##### **1.1 Tender Notice**

Tenders are invited through **E-Tendering system Single Packet System** by RITES Ltd., a Public Sector Enterprise under the Ministry of Railways, acting for and on behalf of RITES Ltd. (Employer) as an Agent/Power of Attorney Holder, from working contractors (including contractors who have executed works within the last seven years reckoned from the scheduled date of opening of tender) of Railways, CPWD, MES, DOT, RITES, State PWD or any other Central/State Government Department, Central/State Government Undertaking or their subsidiaries, Municipal Body, Autonomous Body of Central / State Governments or Public Ltd., Companies listed on Stock Exchange in India or Abroad or subsidiaries of such companies for the work of **“Geotechnical Investigation work at Leh and Kargil City for feasibility assessment of Integrated Mass Transit System & Allied Infrastructure Project in Leh and Kargil City”**

(Note: Throughout these bidding documents, the terms ‘bid’ and ‘tender’ and their derivatives are synonymous)

##### **1.2 Estimated Cost of Work**

The work is estimated to cost **₹ 34,20,000/- (Rupees Thirty Four Lakh Twenty Thousand only)** excluding GST. This Estimate, however, is given merely as a rough guide.

*\*Fill in the year, the percentage of enhancement, name of State (in case of PWD) and strike out whichever is not applicable.*

##### **1.3 Time for Completion**

The time allowed for completion will be **Two (02) months** from the date of start which is defined in Schedule F under Clause 5.1(a) of Clauses of Contract.

##### **1.4 Brief Scope of Work**

The brief scope of work includes broadly drilling of approx. 24 boreholes of depth ranging from 10m to 20m depth with total quantity of 360m of 150mm dia. borehole in all types of soil, conducting Standard Penetration test (SPT) at regular intervals, collecting undisturbed and disturbed soil samples and drilling of Nx/Nq size borehole with double tube core barrel in rock using appropriate diamond core drilling machine up to desired depth, collection of rock samples and preserving of same in the core boxes. The scope also includes logging of rock core, preparation of logs and marking water table wherever available including provision of air tight containers for packing, labelling and transporting the selected soil/rock samples to RITES Geotechnical laboratory, Shikhar, Rites Bhawan, Plot no. 1 Sector 29 Gurgaon, Haryana

The work consists of following:

- i) Mobilization of drilling rigs, other drilling tools and accessories including personnel for carrying out drilling work conducting SPT, collection of Undisturbed, disturbed soil samples.
- ii) De-mobilization drilling rigs, other drilling tools & accessories and personnel after completion of work.
- iii) Setting up of drilling machine at each borehole location as per the location coordinates including transportation of machinery from one borehole to another and construction of working platform, if any.
- iv) Drilling of 150mm diameter boreholes in all kinds of soil including gravels and cobbles and NX size boreholes in boulders and rocky strata. All boreholes shall be drilled up to specified depth maximum to 20m in case of overburden is encountered or wherever the rock is met with at shallow depth, the drilling shall be limited to 5m in hard rock or as instructed by the site engineer/representative of RITES.
- v) Collection of 100mm dia. meter, 450mm long undisturbed samples from bore holes and sealing the tube with molten wax at every 3.0m.
- vi) Conducting standard penetration test (SPT) in soil and collection of disturbed soil samples at every 3.0m.
- vii) Preparation and submission of field bore logs/geological logs in hard copy as well as in soft copy.
- viii) Preparation and submission of computerized bore logs/geological logs in hard copy as well as in soft copy.
- ix) Preserving of rock core sample in core boxes for onward submission to client.
- x) Selection of rock core sample in consultation with RITES representative and transportation of selected soil/rock core samples to RITES GT Laboratory at SHIKHAR, RITES BHAWAN, Plot No-1, Sector-29, Gurgaon. Haryana on weekly basis or as per direction of Engineer-in-charge.

#### 1.5 Availability of Site

The site for the work is available. The proposed Integrated Mass Transit System in Leh and Kargil City for which drilling to be done for Ropeway Towers/station locations and Pilot funicular corridor of approx. 24 boreholes out of which 13 Boreholes in Kargil and 11 in Leh city tentatively. The KMZ file of the proposed alignment and co-ordinates of the tentative boreholes to be drilled shall be shared on specific demand/request by the bidders if required.

#### 1.6 **Deadline for submission of bids** is 11:00 Hrs. on date 17.04.2023.

The Employer may extend the deadline for submission of Tenders by issuing an amendment in writing in accordance with Clause 6.3. The Employer may extend the deadline for submission of bids and/or the bid opening date and time, even otherwise, if it considers the same to be desirable / expedient. In case of such extension, all rights and obligations of the Employer and the Tenderer previously subject to the original deadline will be subject to new deadline. All Bidders are advised to see the website <https://etenders.gov.in/eprocure/app> for extension of deadline for submission of tenders and / or the bid opening date.

#### 1.7 **Eligibility Criteria for Participation in this Tender**

Subject to provisions in the Tender Document, participation in this Tender Process is open to all domestic bidders who fulfill the 'Eligibility' and 'Qualification criteria as prescribed in this tender document. Bidder should meet the following eligibility criteria as of the date of his bid submission and should continue to meet these till the award of the contract. Bidder shall be required to declare fulfillment of Eligibility Criteria in proforma-1. The Bidder, unless otherwise stipulated in the tender documents should meet following Eligibility Criteria:

- 1) The Bidder should be Private or Government Owned legal entity (individual, proprietary firm, firm in partnership, limited company (Private or Public Sector) or corporation).
- 2) The Bidder should not be (or proposes to be), a Joint Venture, **unless permitted explicitly as per clause 2.4 hereinafter and Critical Data Sheet**
- 3) Bidder should have valid registration with Employees Provident Fund organization under 'EPF and Miscellaneous Provisions Act, 1952'.
- 4) Only Class -I Local Suppliers, as defined in Make-in-India policy, unless otherwise mentioned in these documents.
- 5) Only those contractors/ bidders, who commit themselves to Integrity Pact as per details in Clause 11.2 herein under, would be considered competent to participate in the bidding process. **In other words, entering into this Pact would be a preliminary qualification. Any bid not accompanied by Integrity Pact duly signed by the bidder shall be considered to be a non-responsive bid and shall be rejected straight away.**
- 6) The Bidder should not have a conflict of interest, which substantially affects fair competition. The Bidder and any of its affiliates (associates, subsidiary, JV partner), should not have been engaged by Ministry/ Department/RITES/Employer to provide consultancy services for the preparation or implementation of this project. The prices quoted should be competitive and without adopting any unfair/ unethical/ anti-competitive means. No attempt should be made to induce any other bidder to submit or not to submit an offer for restricting competition.
- 7) The Bidder should not be insolvent, in receivership, bankrupt or being wound up, not have its affairs administered by a court or a judicial officer, not have its business activities suspended and must not be the subject of legal proceedings for any of these reasons.
- 8) The Bidder should not have been declared as Poor Performer by RITES and their name should not currently be in the 'Negative List' of RITES.
- 9) The Bidder (including their affiliates or subsidiaries or Contractors/ subcontractors for any part of the contract) should not be currently declared ineligible/suspended/ blacklisted/ banned/ debarred by RITES or by any Central/State Government Department/ Public Undertaking or Enterprise of Central/State Government and such ban should not be in force at the time of submission of the Bid or extended deadline for submission of bid.
- 10) The Bidder should not have an association (as a bidder/ partner/

director/ employee in any capacity) with

- a. The near relations (defined as first blood relations, and their spouses, of the bidder or the bidder's spouse) of persons involved in decision making in the procurement as mentioned in Clause 17.1 hereinafter.
- b. Of retired Gazetted or equivalent rank Officers of the Central or State Government or its Public Sector Undertakings as defined in clause 17.1 hereinafter

11) The Bidder must fulfill any other additional eligibility condition, if so prescribed, elsewhere in the Tender Document.

12) The Bidder should provide such evidence of their continued eligibility to the Employer/ RITES Ltd if so requested.

### 1.8 Purchase Preference Policies of the Government

As detailed in the Tender Document, RITES reserves its right to grant preferences to eligible Bidders under various Government Policies/ directives (policies relating to Make in India; MSEs; Start-ups etc.).

### 1.9 CRITICAL DATA SHEET

S. No	Description	Details
1.	Published Date Bid Document Download / Sale Start Date	<b>06.04.2023</b> <b>07.04.2023 from 0900 hrs</b>
2.	Pre-bid Query Receipt Start Time & Date	<b>07.04.2023 from 0900 hrs</b>
3.	Pre-bid Query Receipt End Time & Date	<b>10.04.2023 till 1100 hrs</b>
4.	Bid submission Start Date & Time	<b>07.04.2023 from 0900 hrs</b>
5.	Bid submission End Date & Time	<b>17.04.2023 till 1100 hrs</b>
6.	Bid Opening Date & Time	<b>18.04.2023 at 1100 hrs</b>
7.	Bid Validity (Refer Clause 8 below)	<b>75 Days from Date of submission</b>
8.	Tentative date of Opening of Financial Bid	<b>Same as bid opening date</b>
9.	Tentative date of issue of Letter of Acceptance	<b>01.05.2023</b>
10	The work for which the Tender is being invited falls under the category of (Refer Clause 2.2 below )	<b>Small</b>

S. No	Description	Details
11	The work for which this Tender has been invited falls under (Refer Clause 2.3 below)	<b>*Difficult</b>
12	In this tender Joint Venture is (Refer Clause 2.4 below)	<b>NOT ALLOWED.</b>
13	Correction slips to GCC as applicable (Refer Clause 4.1 below)	<b>Refer RITES website</b>
14	Correction slips to SECTION-1 (Refer Clause 4.1 below)	<b>Refer RITES website</b>
15	Whether Clause 11.2 (Integrity Pact) shall be applicable	<b>NO</b>
16	Cost of Tender Document: (Refer Clause 7 below)	<b>Rs.2500 (Rupees twenty-five hundred only)</b>
17	Earnest Money Deposit (EMD) – (Refer Clause 7 and 9 below)	<b>Rs.68,400/- (Rupees Sixty Eight Thousand Four Hundred only)</b>
18	Name, Address and email ID of IEM 1 (Refer Clause 11.2A below)	<b>Not Applicable</b>
19	Name Address and email ID of IEM 2 (Refer Clause 11.2A below)	<b>Not Applicable</b>
20	Eligibility of Local Suppliers and Non-local Suppliers as per Make in India Policy (Refer Clause- 12.15 below)	<b>Class -I Local Suppliers</b>
21	Officer to be contacted regarding inspection of site. (Refer Clause-13 below)	<b>Dr. Yogesh Kumar (Sr. DGM/GT/RITES) in writing or by E-mail/mobile at the following address: yogeshkumar@rites.com, Phone- 0124-2818278</b>

## 2.0 QUALIFICATION CRITERIA TO BE SATISFIED

- 2.1** The Qualification Criteria to be satisfied are given at Annexure I enclosed.
- 2.2** The Qualification Criteria to be satisfied will depend on the category of works, whether Small, Normal or Large. The work for which the Tender is being invited falls under the category of **Small**.
- 2.3** The Qualification Criteria to be satisfied will also depend on whether the Work falls in Normal area or difficult area. Difficult area includes North East States, Jammu & Kashmir, Ladakh, Andaman & Nicobar Islands and the 60 districts

requiring Integrated Action Plan of Government of India (List available at Annexure IX). Normal area covers all areas other than difficult area.

The work for which this Tender has been invited falls under \*Normal/\*Difficult area.

**2.4** In this tender Joint Venture is \*allowed/\*not allowed.

**2.5** The documents to be furnished by the Bidder to prove that he is satisfying the qualification Criteria laid down, should all be in the Bidder's name, except in cases where through the name has changed, the owners continued to remain the same and in cases of amalgamation of entities.

### **3.0 FORMAT AND CHECK LIST FOR SUBMISSION OF INFORMATION ON QUALIFICATION CRITERIA**

The information to be furnished and the documents to be enclosed shall be as per Clause 28.0 hereinafter. Documents/information complete in all respects, in support of meeting the Qualification Criteria should be submitted in one go. Submission of additional documents shall not be permitted. Only clarifications and filling of gaps/missing information in the submitted documents, may be permitted.

### **4.0 CONTENTS OF TENDER DOCUMENT**

**4.1** Each set of Tender or Bidding Document will comprise the documents listed below and addenda issued in accordance with Clause 6 herein below:

#### **PART-1: - Technical Bid Packet**

(Read with Correction Slip Nos. 1... to ....)

- Section 1 Notice Inviting Tender and Instructions to Tenderers including Annexures
- Section 2 Additional Conditions of contract
- Section 3 Special Conditions of contract
- Section 4 Schedules A to F
- Section 5 Technical Specifications
- Section 6 Drawings

#### **PART-2: - FINANCIAL BID PACKET**

Schedule of Quantities (Bill of Quantities)

#### **PART-3: - General Conditions of Contract for Works**

(Read with Correction Slip Nos. 1 to ....)

- Section 7 Conditions of Contract for Works
- Section 8 Clauses of Contract
- Section 9 RITES Safety Code

Section 10 RITES Model Rules for Protection of Health and  
Sanitary Arrangements for Workers

Section 11 RITES Contractor's Labour Regulations

**4.2** Part-3: General Conditions of Contract for Works (Compilation of section 7 to 11) as also Correction Slips to GCC are available on RITES website [www.rites.com](http://www.rites.com) under the link 'Tenders'.

**4.3** Part-3 of the tender, i.e., General Conditions of Contract for Works (Compilation of Section 7 to 11) is not uploaded as a part of this tender document because as stated in sub-clause 4.2 above, the same is available separately on RITES' website and can be seen/downloaded from there. **The bidder need not submit/upload Part 3 of the tender as a part of his offer. So far as Part-1 is concerned, the bidder is required to submit/upload only the documents mentioned in Clause 28.0 of Section 1 thereof. Rest of the Part-1 need not be uploaded. The bidder must, nevertheless, read the same. It shall be presumed that the bidder has read the contents of Part 1: Technical Bid Packet and Part 3: General Conditions of Contract and upto date Correction Slips there to and the same will be binding upon him.** The successful bidder will be required to sign the complete tender document i.e., Part 1, Part 2, Part 3 and Correction Slips, if any, thereto.

## **5.0 INSTRUCTIONS ON ACCESSING/PURCHASING OF BID DOCUMENTS AND SUBMISSION THEREOF**

**5.1** To participate in the E-Bid submission for RITES, it is mandatory for the bidders to get their firms registered with E-Procurement Portal <https://etenders.gov.in/eprocure/app>

**5.2** The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

## **5.3 REGISTRATION**

a) Bidders are required to enrol on the e-Procurement module of the Central Public Procurement Portal (URL: <https://etender.gov.in/eprocure/app>) by clicking on the link "**Online Bidder Enrolment**" on the CPP Portal which is free of charge.

b) As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.

c) Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.

d) Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India with their profile.

- e) Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC's to others which may lead to misuse.
- f) Bidder can log in to the site through the secured log-in by entering their user ID/Password and the password of the DSC/e-Token.

#### **5.4 SEARCHING FOR TENDER DOCUMENTS**

- a) There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for tenders, wherein the bidders may combine a number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.
- b) Once the bidders have selected the tenders they are interested in, they may download the required documents/tenders schedules. These tenders can be moved to the respective 'My Tenders' folder. This would enable the CPP Portal to intimate the bidders through SMS/E-mail in case there is any corrigendum issued to the tender document.
- c) The bidder should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification/help from the Helpdesk.

#### **5.5 PREPARATION OF BIDS**

- a) Bidder should take into account any corrigendum published on the tender document before submitting their bids.
- b) Bidder is advised to go through the tender advertisement/NIT and the tender document carefully to understand the documents required to be submitted as part of the bid. Bidder may please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- c) Bidder, in advance, should get ready the bid document to be submitted as indicated in the tender document/schedule and generally, they can be in PDF/XLS/RAR/JPG formats. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.
- d) To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN Card copy, Annual Reports, Auditor Certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other Important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the

time required for bid submission process.

## 5.6 SUBMISSION OF BIDS

- a) Bid can be submitted only during validity of registration of bidder with CPPP E- Procurement Portal.
- b) Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
- c) The Bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
- d) Bidder has to select the payment option as “offline” to pay the cost of tender document and EMD as applicable and enter details of the instruments.
- e) Bidder should prepare the financial instruments of the Cost of Tender Documents and EMD as per the instructions specified in Clause 7.0 (f) hereinafter. The originals should be posted/couriered/given in person to the concerned official, so as to reach him within a week from the date of opening. The details of the DD/any other accepted instrument, physically sent, should tally with the details available in the scanned copy and the data entered during bid submission time. If the date of issue of DD/any other accepted instrument, physically sent, is on or before the bid submission end date, the same shall also be accepted even if the details are different from the scanned copy uploaded along with the bid. Otherwise the uploaded bid will be rejected.
- f) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender documents, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the Sky Blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- g) The server time (which is displayed on the bidders’ dashboard) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
- h) All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 Bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is

subjected to symmetric encryption using a system generated symmetric key. Further this key is subjected to asymmetric encryption using buyers/bid openers public keys.

- i) The uploaded tender documents become readable only after the tender opening by the authorized bid openers.
- j) Upon the successful and timely submission of bids (i.e. after clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid ID to the bid. A bid summary will be displayed with the bid ID and the date & time of submission of the bid with all other relevant details.
- k) The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. The acknowledgement may be used as an entry pass for any bid opening meetings.

## 5.7 ASSISTANCE TO BIDDERS

- a) Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787, E-mail id: [support-eproc@nic.in](mailto:support-eproc@nic.in)
- b) Bidders information useful for submitting online bids on the CPP Portal may be obtained at: <https://etenders.gov.in/eprocure/app?page=BiddersManualKit&service=page>
- c) It is mandatory for all bidders to have Class-III Digital Signature Certificate (DSC) in the name of the person along with name of Company who will digitally sign the bid from any of licensed Certifying Agency (CA). Bidders can see the list of licensed CAs from the link <https://www.cca.gov.in>
- d) Bidder shall ensure use of registered Digital Signature Certificate (DSC) only and safety of the same.
- e) In case the Digital Signature Certificate (DSC) holder who is digitally signing the bid and the person having Authority to Sign as per Clause 11 are different, even then all the terms and conditions of the tender document will be binding upon the bidder.

## 5.8 CLARIFICATIONS ON TENDER DOCUMENTS

A prospective Tenderer requiring any clarification on the Tender Document may notify through queries, on line only within the specified period (refer clause 1.9-Critical Data Sheet herein before)

Request for clarifications including request for Extension of Time for submission of Bid, if any, must be received not later than 10 (ten) days prior to the deadline for submission of tenders. Details of such queries raised, and clarifications furnished will be uploaded in CPP website <https://etenders.gov.in/eprocure/app> without identifying the names of the bidders who had raised the queries. Any modification of the Tender Document

arising out of such clarifications will also be uploaded on CPP website.

## **6.0 AMENDMENT OF TENDER DOCUMENT**

- 6.1** Before the deadline for submission of tenders, the Tender Document may be modified by RITES Ltd. by issue of addendum/corrigendum.
- 6.2** Addendum/Corrigendum, if any, will be hosted on website <https://etenders.gov.in/eprocure/app> and shall become a part of the tender document. All tenderers are advised to see the website for addendum/corrigendum to the tender document which may be uploaded up to 7 days prior to the deadline for submission of tender as finally stipulated.
- 6.3** To give prospective tenderers reasonable time in which to take the addenda/corrigenda into account in preparing their tenders, extension of the deadline for submission of tenders may be given before bid submission end date and time as considered necessary by RITES. Sometimes due to administrative reasons, the deadline for submission of tenders may be extended latest by the deadline for opening of tender as stipulated including extension given earlier. All tenderers are advised to see the website for extension of deadline for submission of tenders.
- 6.4** Tenderer who has downloaded the tender from Central Public Procurement Portal (CPPP) website <https://etenders.gov.in/eprocure/app> shall not tamper/modify the tender form including downloaded Price Bid Template in any manner. In case if the same is found to be tampered/modified in any manner, tender will be completely rejected and EMD would be forfeited and tenderer is liable to be banned from doing business with RITES Ltd.

## **7.0 PREPARATION AND SUBMISSION OF BIDS**

- a) Part-1 and Part-2 of tender document may be downloaded from CPPP and Part-3 from RITES website <https://www.rites.com> under the link 'Tender' – 'RITES GCC for Works' well before the deadline for submission of bids. The bids (Part-2 only) along with the information and documents specified in Clause 28 herein after, shall be submitted online following the instructions appearing on the screen. **Documents specified in Clause 28 of Section 1, Part-1 are required to be uploaded along with Part-2 (Financial Bid); the rest of Part-1 and the whole of Part-3 of the tender document need not be submitted online but it shall be deemed to have been submitted.** Users are requested to map their system as per the System settings available on the link <https://etenders.gov.in/eprocure/app?page=BiddersManualKit&service=page> on the CPP portal.
- b) After downloading/ getting the tender document/ schedules from <https://etenders.gov.in/eprocure/app> the Bidder should go through them carefully and then submit the documents as asked, otherwise bid will be rejected. It is construed that the bidder has read all the terms and conditions before submitting their offer. Bidders are advised that prior to bid submission they should read the bid submission manual available on

CPP Portal

<https://etenders.gov.in/eprocure/app?page=BiddersManualKit&service=pagewebsite>

- c) Bidders may ensure that all the pages of the documents mentioned in Clause 28 must be signed & stamped by authorised signatory and serially numbered. In case, it is found that bidder has not complied with the same, the documents shall be deemed to be signed and stamped as this is a digitally signed e-tender.
- d) The bids shall be submitted online following the instructions appearing on the screen. Bidders may insert their e-Token/Smart Card in their computer and Log onto CPP portal <https://etenders.gov.in/eprocure/app> using the User-Id and Password chosen during registration. Then they may enter the password of the e-Token/SmartCard to access the DSC.
- e) Prior to bid submission, bidder should get ready with the documents to be uploaded as part of the bid as indicated in the tender document/schedule. Generally, they can be in Excel/PDF/RAR/JPG formats. No other format is accepted. If there is more than one PDF document, then they can be clubbed together in a Zip file for uploading. There is no limit for uploading file. Bids shall be submitted online only at CPP website <https://etenders.gov.in/eprocure/app>

Tenderer/Contractor are advised to follow the instructions provided in the 'Instructions to the Contractors/Tenderer for the e-submission of the bids online through the Central Public Procurement Portal for e-procurement at <https://etenders.gov.in/eprocure/app>

Bid documents may be scanned with 100 dpi with black and white option which helps in reducing size of the scanned document.

Intending tenderers are advised to visit CPPP website <https://etenders.gov.in/eprocure/app> till the specified date and time of opening of tender to check if there is any extension of deadline of submission of tender.

**f) Cost of Tender Document & Earnest Money Deposit (EMD)**

During bid submission the bidder has to select the payment option as offline to pay the Cost of Tender Document and EMD and enter details of the instruments. In case of exemption from payment of cost of tender document and EMD as a matter of Govt. Policy, the scanned copy of document in support of exemption will have to be uploaded by the bidder during bid submission. The onus of proving that the bidder is exempted from payment of cost of tender document and/or EMD lies on the bidder. In this connection, it should be noted that mere opening of bid does not mean that the bid has to be considered by RITES as a valid bid. If later, it is discovered from the uploaded documents that bidder is not exempted from payment of cost of tender and/or EMD, his bid shall be treated as non-responsive. It may be noted that the benefits under Public Procurement

Policy for Micro and Small Enterprises (MSEs) Order, 2012 are applicable to only Supply and Service Contracts only. **For this tender, the benefits under Public Procurement Policy for Micro and Small Enterprises (MSEs) Order, 2012 are not applicable.**

- i. **Cost of Tender Document:** The Cost of Tender Document is **₹ 2,500/- (Rupees Two thousand five hundred only)** which is non-refundable. It shall be in the form of a Account Payee Banker's Cheque/Pay Order/Demand Draft in favour of "RITES Ltd." issued by a scheduled Commercial Bank, payable at Gurgaon/Delhi. **No other mode of payment will be acceptable.**
- ii. **Earnest Money Deposit (EMD) –** The total Earnest Money deposit (EMD) is **₹ 68,400/- (Rupees Sixty Eight Thousand Four Hundred only)**. The bids shall be accompanied by Earnest Money Deposit (EMD) of an amount and in the form specified in Clause 9 hereinafter.

Bidders are required to upload scanned copy of acceptable instruments for EMD and Cost of Tender document in different files (Either in PDF or Zip format) during on-line submission of Bid. These documents shall be deposited in "ORIGINAL" in a sealed envelope within a week from the date of opening to **AGM/RCED, 2nd Floor, Right Wing, RITES Bhawan, Plot No.1, Sector 29, Gurgaon, Haryana – 122001**. Failing which the bid shall be rejected and the bidder shall be debarred from tendering in RITES Ltd. for a period of 02 (two) years unless the lapse is condoned by the Accepting Authority at the request of the bidder for valid reasons. The envelope should bear the tender details (Tender No., Tender Name etc.)

- (b) The bid should be submitted online in the prescribed format. No other mode of submission is accepted.
- (c) Bid shall be digitally signed by a representative of the bidder and submitted "on- line". No hard copy of the documents (except those specifically asked for in the tender document) are required to be submitted.
- (d) The bidders will have to accept unconditionally the online user portal agreement which contains the Terms and Conditions of NIT including General and Special Terms & Conditions and other conditions, if any, along with on-line undertaking in support of the authenticity regarding the facts, figures, information and documents furnished by the bidder on-line in order to become an eligible bidder.
- (e) The bidder has to digitally sign and upload the required bid documents one by one as indicated. Bidders to note that the very act of using DSC for downloading the bids and uploading their offers shall be deemed to be a confirmation that they have read all sections and pages of the tender/bid document including terms and conditions without any exception and have understood the entire document and are clear about tender requirements which will be binding upon the bidder.

- (f) The bidders are requested to submit the bids through online e-tendering system before the deadline for submission of bids (as per Server System Clock displayed on the portal). RITES will not be held responsible for any sort of delay or the difficulties faced during online submission of bids by the bidders at the eleventh hour.
- (g) The bidder may seek clarification online only within the specified period. The identity of bidder will not be disclosed by the system. RITES Ltd. will clarify the relevant queries of bidders as far as possible. The clarifications given will be visible to all the bidders intending to participate in that tender. The clarifications may be asked from the day of “Pre Bid Query Receipt Start Date and Time” till “Pre Bid Query Receipt End Date and Time”.

## 8.0 TENDER VALIDITY

- 8.1 The Tender shall be valid for a period of **75 days** from the due date for submission of Tender or any extended date as indicated in sub para below.
- 8.2 In exceptional circumstances, during the process of evaluation of tenders and prior to the expiry of the original time limit for Tender Validity, the Employer may request that the Tenderers may extend the period of validity unconditionally for a specified additional period. The request and the tenderer’s response shall be made in writing/ e- mail. A Tenderer may refuse the request without forfeiting his Earnest Money. A Tenderer agreeing to the request will not be permitted to modify his Bid but will be required to extend the validity of the Earnest Money for the period of the extension.

## 9.0 EARNESTMONEY

- 9.1 The Tender should be accompanied by earnest money of **Rs. 68,400/- (Rupees Sixty Eight Thousand Four Hundred only)** as per following:

Estimated Value of the Workin Rupees	Earnest Money Deposit (EMD) in Rupees
₹ 34,20,000/- (Rupees Thirty-Four Lakh Twenty Thousand only ).	₹ Rs.68,400/- (Rupees Sixty Eight Thousand Four Hundred only)

The EMD shall be deposited in any of the following forms: -

Insurance Surety Bonds or Account Payee Banker’s Cheque /Pay Order / Demand Draft or Fixed Deposit Receipts/ Bank Guarantee (including e-Bank Guarantee) issued by any Scheduled Commercial Bank drawn in favour of RITES Ltd. and payable at Gurgaon / Delhi.

Insurance Surety Bonds/ Fixed Deposit Receipts/ Bank Guarantee (including e-Bank Guarantee) should have validity for 180 days or more from the last date of receipt of bids. The Bank Guarantee (including e-Bank Guarantee) should be submitted in the format given at Annexure-X.

- 9.2 Any Tender not accompanied by scanned copies of the instruments for payment of Earnest Money and Cost of tender document in an acceptable

form (or, if applicable, the scanned copy of documents in support of exemption) shall be rejected by the Employer as non-responsive.

### **9.3 Refund of Earnest Money**

The Earnest Money of the Tenderers whose Technical Bid is found not acceptable will be returned without interest within 30 days after scrutiny of Technical Bid has been completed by the Employer subject to provisions of Clause 9.4(a) and Clause 9.4 (b). The Earnest Money of the Tenderers whose Technical Bid is found acceptable but who are neither the lowest nor the second lowest will be returned without interest within 07 days of opening of Financial Bid. The Earnest Money of the remaining unsuccessful bidders will be released within seven days of the Accepting Authority's decision on acceptance or otherwise of the tender subject to provisions of Clause 9.4(a) and Clause 9.4(b). The bidder shall submit RTGS/NEFT Mandate Form as per Proforma given in Annexure VII, dully filled in.

The Earnest Money (EMD) of the successful bidder shall be returned when the bidder has furnished the required Performance Guarantee in terms of Clause 1 of the Clauses of Contract (Section-8) and signed the Agreement in terms of Clause 9 (a) of Conditions of Contract (Section-7).

### **9.4 The Earnest Money is liable to be forfeited automatically without any notice to bidder/Contractor.**

- (a) if after bid opening, but before expiry of bid validity or issue of Letter of Acceptance, whichever is earlier, any Bidder
  - i. withdraws his tender; or
  - ii. makes any modification in the terms and conditions of the tender which are not acceptable to the Employer
  - iii. impairs or derogates from the tender in any respect within the period of validity of the tender
  - iv. If the bidder does not accept the correction of his price during evaluation
- (b) in case any information/document which may result in the Bidder's disqualification is concealed by the Bidder or any statement/information/document furnished by the Bidder or issued by a Bank/Agency/Third Party and submitted by the Bidder, is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party.
- (c) in the case of a successful Bidder, if the Bidder fails to furnish the Performance Guarantee within the period specified under Clause 1 of "Clauses of Contract".

In case of forfeiture of Earnest Money as prescribed herein above, the Bidder shall not be allowed to participate in the retendering process of the work.

### **10.0 MODIFICATION/ SUBSTITUTION/ WITHDRAWAL OF BIDS**

- 10.1** The Tenderers shall submit offers which comply strictly with the requirements of the Tender Document as amended from time to time as indicated in Clause 6.0 above. Alternatives or any modifications by the tenderer shall render the Tender invalid.
- 10.2** The bidder can modify, substitute, re-submit or withdraw its E-bid after submission but prior to the deadline for submission of bids or the extended deadline, as the case may be. No Bid shall be modified, substituted or withdrawn by the bidder on or after the deadline for submission of bids or the extended deadline, as the case may be. Withdrawal of bid after such deadline would result in the forfeiture of EMD.
- 10.3** Any modification in the Bid or additional information supplied subsequently to the deadline for submission of bids or the extended deadline, as the case may be, unless the same has been explicitly sought for by RITES, shall be disregarded.
- 10.4** For modification of E-bid (Technical Bid), bidder has to detach its old bid from CPP portal and upload / re-submit digitally signed modified bid.
- 10.5** For withdrawal of bid, bidder has to click on withdrawal icon at CPP portal and can withdraw its E-bid.
- 10.6** After the bid submission on the portal, an acknowledgement number will be generated by the system which should be printed by the bidder and kept as a record of evidence for online submission of bid for the particular tender and will also act as an entry pass to participate in the bid opening.
- 10.7** The time settings fixed in the server side & displayed at the top of the tender site, will be valid for bid submission, in the e-tender system. The bidders should follow this time during bid submission.
- 10.8** All the data being entered by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered will not be viewable by unauthorized persons during bid submission & will not be viewable by any one until the date & time specified for bid opening.
- 10.9** The bidder should logout of the tendering system using the normal logout option available in the portal and not by selecting the (X) exit option in the browser.
- 11.0 AUTHORITY TO SIGN**
- a) If the applicant is an individual, he should sign above his full type written name and current address.
  - b) If the applicant is a proprietary firm, the Proprietor should sign above his full type written name and the full name of his firm with its current address.
  - c) If the applicant is a firm in partnership, the Documents should be signed by all the partners of the firm above their full type written names and current addresses. Alternatively, the Documents should be signed by the person holding Power of Attorney for the firm in the Format at **Annexure III**.
  - d) If the applicant is a limited Company, or a Corporation, the Documents

shall be signed by a duly authorized person holding Power of Attorney for signing the Documents in the Format at Annexure III.

- e) If the applicant is a Joint Venture, the Documents shall be signed by the Lead Member holding Power of Attorney for signing the Document in the Format at Annexure IV. The signatory on behalf of such Lead Partner shall be the one holding the Power of Attorney in the Format at **Annexure III**.

### **11.1 Points to be kept in mind while preparing the bid**

While filling in Qualification Information documents and the Financial Bid, followings should be kept in mind:

- i. There shall be no additions or alterations except those to comply with the instructions issued by the Employer or as necessary to correct errors, if any, made by the Tenderers.
- ii. Conditional Offer/ Tender will be rejected. Unconditional rebate/discounts in the Financial offer will however be accepted.
- iii. The Employer reserves the right to accept or reject any conditional rebate/discounts. While evaluating the Bid Price, the conditional rebates/discounts which are in excess of the requirements of the bidding documents or otherwise result in accrual of unsolicited benefits to the Employer, shall not be taken into account.
- iv. The bidder has to quote value only in figures in the BOQ.
- v. In case of Item Rate Tenders, the bidders have to compulsorily quote rates of all the BOQ items as also all items of Item Rate Schedule/Sheet in a Mixed (Item Rate Schedule and Percentage Schedule) Tender.
- vi. In case of Item Rate Tenders, if the same item figures in more than one section/part of Schedule of Quantities, the Tenderer should quote the same rate for that item in all sections/parts. If different rates are quoted for the same item, the least of the different rates quoted only shall be considered for evaluation of that item in all sections/parts of the Schedule of Quantities.
- vii. In case of item wise BOQ, the bidder is required to quote his rate for all items. For the items not quoted by the bidder, it will be presumed that the bidder has included the cost of that/those item(s) in the rates of other items and the rate for such item(s) shall be considered as Zero and the tender will be evaluated by the Employer accordingly and the work executed by the successful bidder accordingly.
- viii. In case of Percentage Rate BOQ, the bidder has to select Excess (+) or Less (-) and enter the valid percentage for that BOQ.
- ix. Deduction/recovery/credit items, if any, are placed in a separate sub-head and in a separate sheet of BOQ. In case of credit items/recovery items/deduction items for which the bidder has to pay the amount to Employer, the bidder is not allowed to make negative entry and the rate quoted by the bidder shall be taken as negatively default. The amount so

calculated shall be considered as negative and deducted from the total of other sub-heads of BOQ to work out the total bid amount.

## **11.2 INTEGRITY PACT-NOT APPLICABLE**

- 11.2B The Guidelines on Banning of Business Dealings as per **Annexure-VIA** are applicable to all Tenders/contracts whether Integrity Pact is applicable as per Clause 11.2A above or not.

If business dealings with the Bidder/Contractor have been banned as per “The Guidelines on Banning of Business Dealings” as per Annexure-VIA, then such a Bidder/contractor individually and also any Joint Venture wherein such Bidder/contractor is a member, will not be eligible during the period till such ban is in force to participate in tenders of any work(s) which may be invited by RITES. In case the Bidder/contractor is a Joint Venture, the JV as well as all members of the JV individually or as member(s) of any other Joint Venture (JV) will not be so eligible. In case the Bidder/contractor is a company then, in

addition to the aforesaid provisions, the Associate Companies and Subsidiary Companies (as defined under Companies Act, 2013), of the company with whom Business Dealings have been banned, will also not be eligible”.

## **12.0 TENDER OPENING, EVALUATION AND CLARIFICATIONS**

- 12.1 The Employer will open all the Tenders received, in the presence of the Tenderers or their representatives who choose to attend at **1100 hours on 18th April 2023 in the office of AGM/RCED, 2nd Floor, Right Wing, RITES Bhawan , Plot No.1, Sector 29, Gurgaon, Haryana – 122001** In the event of the specified date of the opening being declared a holiday by the Employer, the Tenders will be opened at the appointed time and location on the next working day.
- 12.2 Opening of bids will be done through online process. RITES reserves the right to postpone or can cancel a scheduled bid opening at any time prior to its opening. Information of the same will be displayed at <https://etenders.gov.in/eprocure/app> CPPportal.
- 12.3 Bid opening committee will open the bids online in the presence of bidders or their authorized representatives who choose to attend on opening date and time. Also, the bidders can participate online during the bid opening process from their remote end through their dashboard. The bidder’s representatives, who are present, shall sign in an attendance register. At the time of technical bid opening, each bidder will be able to view on-line through CPPP, the technical bids of the bidders who have participated in the tender and whose bids have been opened.
- 12.4 Bids will be opened as per date/time as mentioned in the Tender Critical Data Sheet unless the same is extended. On completion of Technical Bid Opening, each bidder will be able to view the technical bid documents of the bidders

whose bids have been opened. Similarly, on the completion of Financial Bid Opening each bidder will be able to view the Financial as well as technical bid documents of the bidders whose bids have been opened.

**(a) Mere Opening of Bid to be No Guarantee of its Validity**

It may be noted that mere opening of a bid does not mean that the bid has to be considered by RITES as a valid bid. All bids will be evaluated to decide whether the bids are responsive or non-responsive.

- 12.5** RITES shall subsequently examine and evaluate the bids in accordance with the provisions set out in the tender document.
- 12.6** The results of technical and financial qualification of bidders will be available on the CPP Portal at <https://etenders.gov.in/eprocure/app> and intimated to the bidder through system generated email or SMS.
- 12.7** It will be the bidder's responsibility to check the status of their Bid on-line regularly after the opening of bid till award of work.
- 12.8** The bids will be checked for the eligibility as defined in clause 1.7 hereinbefore and for submission of documents as per clause 28.0 hereinafter and will be evaluated for qualification criteria as mentioned in Clause -2 hereinbefore and also in conjunction with provisions of Sub-Clauses 1.8, 12.15 and 12.16 and/or provisions given elsewhere in this Tender Document. RITES shall not be responsible for any postal delay in receipt of all original documents including the cost of tender document and EMD, as applicable. In case of non-receipt of these documents in original within the specified period, the bid will be treated as non-responsive.
- 12.9** Request for clarification/deficient documents from the bidder can be asked for either through the system or through E-mail. A system generated SMS alert will be sent to the bidder when clarifications/deficient documents are called through the system. In such a case, no separate communication will be sent in this regard. Non-receipt of email and/or SMS will not be accepted as a reason of non-submission of deficient documents or confirmatory documents within prescribed time. The date and time of submission of deficient documents cannot be extended.
- 12.10** After evaluation of Technical-Bid, the bidder will be able to view uploaded Tender Committee evaluation results as also the date and time of Financial Bid Opening.
- 12.11** The bidder will be able to view (through his Login Id) BOQ Sheets of other bidders, Comparative Chart and Financial Evaluation Summary uploaded by Tender Evaluation Committee. Without login, bidder will be able to view only Comparative Chart.

**12.12 SINGLE PACKET SYSTEM**

Envelope 1 containing scanned copy of Earnest Money along with Mandate Form as per **Annexure VII**, Cost of tender document of all the Tenderers and Authority to Sign as per Clause 11.0 will be opened first and checked. If Earnest Money and Cost of Tender Document are not furnished as per tender

stipulations, the Envelope 2 of Technical bid and Envelope 3 containing Financial bid will not be opened and the bid will be rejected as non-responsive unless the bidder has established that it is exempted from payment of Cost of Tender Document and Earnest Money Deposit. The Envelope 2 containing Technical Bid and Envelope 3 containing Financial Bid of other Tenderers who have furnished scanned copies of Earnest Money and cost of Tender document as per tender stipulations will then be opened simultaneously.

### **12.13 TWO PACKET SYSTEM-NOT APPLICABLE**

### **12.14 Evaluation of Bids**

- (a) After opening of the Bids, as mentioned hereinbefore, The Employer will evaluate the Tenders, confidentially
- (i) Information relating to the examination, clarification, evaluation and comparison of bids, and recommendations for the award of a contract, shall not be disclosed to bidders or any other person not officially concerned with such a process until the award to the successful bidder has been announced (unless mentioned otherwise in other clauses of this Tender document).
  - (ii) From the time of bid opening to the time of contract award, no bidder shall contact the Employer/RITES Ltd. on any matter related to the bid, except on request and prior written permission.
  - (iii) Any effort by the bidder to influence Employer/RITES Ltd. in bid evaluation, bid comparison or contract award decisions will vitiate the process and will result in the rejection of the bidder's bid.
- (b) The Employer will scrutinize the Technical Bids accepted for evaluation to determine whether each Tenderer.
- (i) Has submitted '**Authority to sign**' as per Clause 11.0 above and **Integrity Pact** (where applicable) duly signed and witnessed as per Clause 11.2 above.  
**A Bidder who has not submitted 'Authority to sign' and/or Integrity Pact (where applicable) duly signed by the bidder shall not be evaluated further and will be disqualified at this stage.**
  - (ii) Meets the Eligibility Criteria as defined in Clause 1.7 and has submitted documents as per clause 28.0 and meets the Qualification Criteria stipulated in Clause 2.0 and also in conjunction with Provisions of sub-clauses 1.8, 12.15, 12.16 and/or Provisions given elsewhere in Tender document.
- (c) If required, the Employer may ask any such Tenderer for clarifications/deficient documents on his Technical Bid through CPPP or through E-mail. The tenderer shall furnish the same online only in case clarifications are sought through CPPP and through E-mail if clarifications are sought through E-mail. If a Tenderer does not submit the clarification/document requested, by the specified time, the bid of such Tenderer is likely to be rejected.

- (d) The Employer, reserves its right to, but without any obligation to do so, to waive or seek any shortfall information/ documents, as mentioned above, only in case of historical documents which pre-existed at the time of the Bid Opening, and which have not undergone change since then and does not grant any undue advantage to any bidder.
- (e) Unless otherwise stipulated in these Tender Documents, the following are some of the crucial aspects for which a bid shall be liable to be rejected as nonresponsive:
- (i) The tender is not in the prescribed format or is not submitted as per the stipulations in the Tender Document.
  - (ii) Required cost of tender document and EMD have not been submitted in the requisite form.
  - (iii) Bidder is not eligible to participate in the bid as per laid down eligibility criteria.
  - (iv) The bid validity is shorter than the required period.
  - (v) The bid departs from the essential requirements stipulated in the bidding document.
  - (vi) Non-submission or submission of illegible scanned copies of stipulated documents/ declarations
  - (vii) Any other conditions stipulated elsewhere in the tender documents
- (f) The financial bid shall be opened as follows:**
- (i) **Applicable to Single Packet System:** Both technical bid and financial bid shall be opened simultaneously and shall be evaluated.
- (g) Financial Evaluation (Applicable to both single packet system and two packetsystem) :** After opening of Financial Bids as mentioned in sub clause 12.14(f)(i) & (ii) as applicable, all responsive bids (Qualified in technical bid) are evaluated by the TC with a view to select the lowest (L1) bidder - the lowest evaluated, bid which meets the eligibility/ qualification criteria and techno-commercial aspects. While evaluating the financial bids the following procedure shall be followed:
- (i) In case the bidder does not quote his rate for any item(s) in Item Rate Tender or Mixed Tender containing one or more Item Wise Schedules, it will be presumed that the bidder has included the cost of that/those item(s) in the rates of other items and the rate for such item(s) shall be considered as Zero and the tender will be evaluated by the Employer accordingly and the work executed by the successful bidder accordingly.
  - (ii) In case of credit items/recovery items/deduction items for which the bidder has to pay the amount to RITES/Employer, the rate quoted by the bidder shall be taken as negative (bidder is allowed to make positive entry only) and the negative amount so calculated shall be

considered to work out the total bid amount.

- (h) As part of evaluation of financial bid, written clarification from Lowest (L1) bidder including detailed price analysis of its Bid price in relation to scope, schedule, resource mobilization, allocation of risks and responsibilities and any other requirements of the bid document may be sought by Employer.

### 12.15 Preference to make in India

To encourage 'Make in India' and promote manufacturing and production of goods and services in India with a view to enhancing income and employment, Department of Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce and Industry, Government of India, issued Public Procurement (Preference to Make in India), Order 2017 (Latest order being Order No. No. P-45021/2/2017-PP (BE-II) 16<sup>th</sup> September, 2020). The Order is applicable on the procurement of Goods, Works and Services. The Provisions of the Make in India Policy 2017 issued by Govt. of India, as amended from time to time, shall be followed for consideration of the present tender.

The salient features of the policy and specific provisions as applicable to this tender are indicated below. In case of any contradiction of the provisions mentioned herein below and the original policy as mentioned above, the provisions of the policy issued by Department for Promotion of Industry and Internal Trade (Public Procurement Section) shall take precedence:

#### 1. Definitions:

**'Local content'** means the amount of value added in India which shall be the total value of the item procured (excluding net domestic indirect taxes) minus the value of imported content in the item (including all customs duties) as a proportion of the total value, in percent.

**'Class-I local supplier'** means a supplier or service provider, whose goods, services or works offered for procurement, has local content equal to or more than 50%, as defined under this clause.

**'Class-II local supplier'** means a supplier or service provider, whose goods, services or works offered for procurement, has local content more than 20% but less than 50%, as defined under this clause.

**'Non - Local supplier'** means a supplier or service provider, whose goods, services or works offered for procurement, has local content less than or equal to 20%, as defined under this clause.

**'L1'** means the lowest tender or lowest bid or the lowest quotation received in a tender, bidding process or other procurement solicitation as adjudged in the evaluation process as per the tender or other procurement solicitation.

**'Margin of Purchase Preference'** means the maximum extent to which the

price quoted by a "Class-I local supplier" may be above the L1 for the purpose of purchase preference.

**'Procuring entity'** means RITES Ltd

**'Works'** means all works covered in the scope of work in this tender.

**2. Eligible bidder in this tender : 'Class-I local supplier'**

**Notes for Guidance of Tender Preparing Authority and Tender document approving Authority:**

***Note 1-** As per para 3 (a) of the 'Make in India', Policy issued vide No. P-45021/2/2017-PP (BE-II) dated 16th September, 2020 only 'Class-I Local Supplier' are eligible to Bid for "Works" tenders where sufficient local capacity and competence is available, irrespective of the Purchase value. Accordingly, only Class-I Local suppliers have been allowed to bid in this Tender.*

***Note 2-** In case of special works which can allow participation of Class-II Local Supplier/ Non- Local Supplier besides Class-I Local suppliers, cases shall be dealt as per the provisions of 'Make in India Policy'. Accordingly, the Provisions of this clause 12.15 shall be prepared by Tender preparing Authority and shall be checked by Tender document approving authority before according approval.*

**3. Purchase Preference**

(a) In the present tender only 'Class-I local supplier', shall be eligible to bid irrespective of purchase value.

**4. Type of this Tender/Work: Works**

**5. The minimum local content for this tender shall be equal to or more than 50%.**

**6. Verification of local content:**

(a) The 'Class-I local supplier' at the time of tender, bidding or solicitation shall be required to indicate percentage of local content and provide self- certification that the item offered meets the local content requirement for 'Class-I local supplier'. They shall also give details of the location(s) at which the local value addition is made.

(b) In cases of procurement for a value in excess of Rs. 10 crores, the 'Class-I local supplier' shall be required to provide a certificate from the statutory auditor or cost auditor of the company (in the case of companies) or from a practicing cost accountant or practicing

chartered accountant (in respect of suppliers other than companies) giving the percentage of local content.

Note- Bidder's attention is invited to Para XV in Proforma 1

- (c) In case of false declaration by Class-I local supplier or submission of false certificate, Banning of Business Dealings shall be done with defaulter as per the Guidelines given in Sub-clause 11.2B.

## **12.16 Restrictions on procurement from a bidder of a country which shares a land border with India**

*Orders (Order No. F-7/10/2021-PPD(I) Dated 23.02.2023 issued by Department of Expenditure, Ministry of Finance, Govt. of India (Order No. F-7/10/2021-PPD(I) Dated 23.02.2023) or any other latest order on the subject matter; also referred to as "the Order" in this clause) restricting procurement of Works from Bidders from certain countries that share a land border with India shall apply to this procurement.*

*Salient provisions of the policy are given below. However it will be the responsibility of the bidder to go through the complete policy and see if it is eligible in terms of the policy and meets the criteria required as per the policy. In case of any contradiction of the provisions mentioned herein below and the original policy as mentioned above, the provisions of the policy issued by Department of Expenditure, Ministry of Finance, Government of India shall take precedence.*

*Any bidder from the countries sharing a land border with India, will be eligible to bid in any procurement of works (including turnkey projects) only if the bidder is registered with the Competent Authority and if otherwise eligible to Bid as per eligibility conditions.*

*Any bidder (including an Indian bidder) who has a Specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India will be eligible to bid only if the bidder is registered with the Competent Authority and if otherwise eligible to Bid as per eligibility conditions.*

The Competent Authority for registration will be the Registration Committee constituted by the Department for Promotion of Industry and Internal Trade (DPIIT), Government of India.

*The provision of the Order on restrictions based on land borders will not be applicable for cases mentioned in Para 12 hereinunder:*

### **Definitions**

1. "**Bidder**" for the purpose of the Order (including the term 'tenderer', 'consultant', 'vendor' or 'service provider' in certain contexts) means any person or firm or company, including any member of a consortium or

joint venture (that is an association of several persons, or firms or companies), every artificial juridical person not falling in any of the descriptions of bidders stated herein before, including any agency, branch or office controlled by such person, participating in a procurement process.

2. **"Tender"** for the purpose of the Order will include other forms of procurement, except where the context requires otherwise.

3. **"Transfer of Technology"** means dissemination and transfer of all forms of commercially usable knowledge such as transfer of know-how, skills, technical expertise, designs, processes and procedures, trade secrets, which enables the acquirer of such technology to perform activities using the transferred technology independently. (Matters of interpretation of this term shall be referred to the Registration Committee constituted by the DPIIT and the interpretation of the committee shall be final).

4. **"Specified Transfer of Technology"** means a transfer of technology in the sectors and/ or technologies, specified in the order.

5. **"Procuring entity"** means RITES Ltd.

6. **"Bidder (or entity) from a country which shares a land border with India"** for the purpose of the Order means

- a. An entity incorporated, established or registered in such a country; or
- b. A subsidiary of an entity incorporated, established or registered in such a country; or
- c. An entity substantially controlled through entities incorporated, established or registered in such a country; or
- d. An entity whose beneficial owner is situated in such a country; or
- e. An Indian (or other) agent of such an entity; or
- f. A natural person who is a citizen of such a country; or
- g. A consortium or joint venture where any member of the consortium or joint venture falls under any of the above.

7. **"Beneficial owner"** for the purpose of paragraph 6 (d) above will be as under:

- i. In case of a company or Limited Liability Partnership, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person(s), has a controlling ownership interest or who exercises control through other means.

Explanation--

- a) "Controlling ownership interest" means ownership of, or entitlement to, more than twenty-five percent of shares or capital or profits of the company;
- b) "Control" shall include the right to appoint the majority of the directors or to control the management or policy decisions, including by virtue of their shareholding or management rights or shareholders

- agreements or voting agreements;
- ii. In case of a partnership firm, the beneficial owner is the natural person(s) who, whether acting alone or together, or through one or more juridical person, has ownership of entitlement to more than fifteen percent of capital or profits of the partnership;
  - iii. In case of an unincorporated association or body of individuals, the beneficial owner is the natural person(s), who, whether acting alone or together, or through one or more juridical person, has ownership of or entitlement to more than fifteen percent of the property or capital or profits of such association or body of individuals;
  - iv. Where no natural person is identified under (i) or (ii) or (iii) above, the beneficial owner is the relevant natural person who holds the position of senior managing official;
  - v. In case of a trust, the identification of beneficial owner(s), shall include identification of the author of the trust, the trustee, the beneficiaries with fifteen percent or more interest in the trust and any other natural person exercising ultimate effective control over the trust through a chain of control or ownership.
8. **"Agent"** for the purpose of the Order is a person employed to do any act for another, or to represent another in dealings with third persons.

Note:

1. A person who procures and supplies finished goods from an entity from a country which shares a land border with India will, regardless of the nature of his legal or commercial relationship with the producer of the goods, be deemed to be an Agent for the purpose of this Order.
2. However, a bidder who only procures raw material, components etc. from an entity from a country which shares a land border with India and then manufactures or converts them into other goods will not be treated as an Agent

**9. Sensitive Sectors/ Technologies (relevant only for the provisions on ToT arrangements ):**

The Order may be referred for sectors/Technologies which have been identified as sensitive from the National Security Point of View. The bidder with ToT arrangement in any sensitive Sector/Technology with a country which shares a land border with India shall require registration as indicated in Para 11 below. The Order may be referred for details of sensitive sectors/Technologies.

**Requirement of registration**

10. Any bidder from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority i.e. Department for Promotion of Industry and Internal Trade (DPIIT).
11. Further, any bidder (including bidder from India) having Specified Transfer of

Technology (ToT) arrangement with an entity from a country which shares a land border with India will be eligible to bid in any procurement whether of goods, services (including consultancy services and non-consultancy services) or works (including turnkey projects) only if the bidder is registered with the Competent Authority i.e. Department for Promotion of Industry and Internal Trade (DPIIT). The requirement of registration for bidders covered in this paragraph shall apply to all tenders are issued/published after 01.04.2023.

**12 .** The provision of the Order on restrictions based on land borders will not be applicable for cases mentioned herein under:

- a. In projects which receive international funding with the approval of the Department of Economic Affairs (DEA), Ministry of Finance, the procurement guidelines applicable to the project shall normally be followed, notwithstanding anything contained in this order and without reference to the competent Authority. Exceptions to this shall be decided in consultation with DEA.
- b. This order shall not apply to procurement by Indian mission and by offices of government agencies/undertaking located outside India.
- c. This order will not apply to bidders (or entities) from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects. Updated lists of countries to which lines of credit have been extended or in which development projects are undertaken are given in the website of the Ministry of External Affairs.
- d. Procurement of spare parts and other essential service support like Annual Maintenance Contract (AMC) I Comprehensive Maintenance Contract (CMC), including consumables for closed systems, from Original Equipment Manufacturers (OEMs) or their authorized agents, shall be exempted from the requirement of registration.

### **13. Sub-contracting in works contracts**

In works contracts, including turnkey contracts, contractors shall not be allowed to sub-contract works to any contractor from a country which shares a land border with India unless such contractor is registered with the Competent Authority i.e. Department for Promotion of Industry and Internal Trade (DPIIT). The definition of "contractor from a country which shares a land border with India" shall be as in paragraph 6 above. This shall not apply to sub-contracts already awarded on or before 23.07.2020.

[Note: Procurement or raw material, components, etc. does not constitute sub-contracting.]

### **14. Validity of registration**

In respect of tenders, registration should be valid at the time of submission of bids and at the time of acceptance of bids. In respect of supply otherwise than by tender, registration should be valid at the time of placement of order. If the bidder was validly registered at the time of acceptance/ placement of order, registration shall not be a relevant consideration during contract execution.

## **15. Model Certificates**

Model Certificates, which may be inserted in tenders/obtained from Bidders are given as under:

### **a. Model Certificate for Tenders:**

*"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India; I certify that this bidder is not from such a country or, if from such a country, has been registered with the competent Authority i.e DP/IT. I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered (Where applicable, evidence of valid registration by the Competent Authority i.e. DP/IT shall be attached) "*

### **b. Model Certificate for Tenders for Works involving possibility of sub-contracting:**

*"I have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries; I Certify that this bidder is not from such a country or, if from such a country, has been registered with the Competent Authority i.e. DP/IT and will not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority i.e. DP/IT I hereby certify that this bidder fulfills all requirements in this regard and is eligible to be considered (Where applicable, evidence of valid registration by the Competent Authority i.e. DPIIT shall be attached)"*

### **c. Model additional Certificate by Bidders in the cases of Specified ToT:**

*"I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (I'oT) arrangement. I certify that this bidder does not have any ToT arrangement requiring registration with the competent authority. "*

OR

*"I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (I'oT) arrangement. I certify that this bidder has valid registration to participate in this procurement. " (Evidence of valid registration by the Competent Authority i.e. DPIIT shall be attached)*

**Bidder's attention is invited to Para xiv of Proforma-1 in this regard**

## **13.0 INSPECTION OF SITE BY THE TENDERERS**

Tenderers 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 (as far as is practicable), the form and nature of the site, the means of access to the site, local conditions, working hours, working conditions, availability of water, electricity, construction Labour, construction materials and other relevant requirements connected with work, 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 Tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed. The Tenderer 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 Tenderer 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 done and of conditions and rates at which stores, tools and plant etc. will be issued to him by the Employer and local conditions and other factors having a bearing on the execution of the work. The bidders may contact **AGM/RCED at RCED SBU, 2nd Floor, Right Wing, RITES Ltd, Shikhar, Plot No.1, Sector 29, Gurgaon, Haryana – 122001 Phone No +91-124-2818275.**

#### **14.0 EMPLOYER'S RIGHT ON ACCEPTANCE OF ANY TENDER**

- (i) If required, the Employer may ask any Tenderer the breakdown of unit rates. If the Tenderer does not submit the clarification by the date and time set in the Employers request for clarification, such Tender is likely to be rejected.
- (ii) The competent authority on behalf of the Employer does not bind himself to accept the lowest or any other Tender and reserves to himself the authority to reject any or all the Tenders received without the assignment of any reason. All Tenders in which any of the prescribed conditions is not fulfilled or any condition is put forth by the Tenderer shall be summarily rejected.

#### **15.0 CANVASSING PROHIBITED**

Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the Contractors who resort to canvassing will be liable to rejection.

#### **16.0 EMPLOYER'S RIGHT TO ACCEPT WHOLE OR PART OF THE TENDER**

The competent authority on behalf of the Employer reserves to himself the right of accepting the whole or any part of the tender and the Tenderer shall be bound to perform the same at the rates quoted.

#### **17.0 MISCELLANEOUS RULES AND DIRECTIONS**

**17.1** The Tenderer shall not be permitted to tender for works if his near

relations/relative is posted as Associated Finance Officer between the grades of AGM(F) and J.M (F) in the concerned SBU Unit of RITES or as an officer in any capacity between the grades of GGM/GM and Engineer (both inclusive) of the concerned SBU of the Employer/RITES. He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any Officer of Engineer rank and above in the organization of the Employer and RITES. Any breach of this condition by the Tenderer would render his Tender to be rejected.

No Officer of Engineer rank and above employed in Engineering, Finance or Administrative duties in an Engineering and Finance Department of the Organization of the Employer/RITES is allowed to work as/or for a contractor for a period of Two years after his retirement from the Employer's/RITES service without the previous permission of the Employer/RITES in writing.

Further, The Bidder should not have an association (as a bidder/ partner/ director/ employee in any capacity), of retired Manager (of Gazetted Rank) or a retired Gazetted Officer of the Central or State Government or its Public Sector Undertakings if such a retired person has not completed the cooling-off period of two years after his retirement. However, this shall not apply if such managers/ officers have obtained a waiver of the cooling-off period from their erstwhile organization and bidder shall inform Employer/RITES in writing about such waiver.

The contract is liable to be cancelled if either the Contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Employer/RITES/Erstwhile organization as aforesaid before submission of the tender or engagement in the Contractor's service.

Any breach of this condition by the contractor shall be treated as concealing of information and appropriate action will be taken for banning of business dealings with such contractors as per clause 11.2 B.

- 17.2** If required by the Employer, the Tenderers shall sign a declaration under the officials Secret Act 1923, for maintaining secrecy of the tender documents drawings or other records connected with the work given to them. The unsuccessful Tenderers shall return all the drawings given to them.
- 17.3** In the case of any Item rate tender where unit rate of any item/items appears unrealistic, such tender will be considered as unbalanced and in case the Tenderer is unable to provide satisfactory explanation, such a tender is liable to be disqualified and rejected.
- 17.4** Goods and Services Tax (GST)-

**GST Registration Status:**

- (a) All the prospective bidders should ensure that they are GST compliant and their quoted tax structure/rates are as per GST Act/ Rules.
- (b) Bidder should be registered under GST and furnish GST Registration number and copy of GST Registration Certificate in their offer unless they are specifically exempted from GST registration under specific notification/ circular/ section/ rule issued under GST Law and to be clearly stated.
- (c) The prospective bidder has to furnish the GST Registration Number of the State / Verticals, in case of multiple registrations in a state, from which supply / services are to be made.
- (d) If the Bidder has opted for a composition levy under Section 10 of CGST ACT, he should declare the fact while bidding along with GST Registration number and copy of GST registration certificate.
- (e) If a bidder is not liable to take GST registration, i.e., having turnover below threshold at the time of bidding, he shall submit an undertaking along with a valid certificate from practicing Chartered Accountant (CA)/ Cost Accountant with Unique Document Identification Number (DIN) to the effect that Bidder fulfils all conditions prescribed in the notification exempting him from registration. Such bidder/ dealer shall not charge any GST (and/or cess wherever applicable) in the bill/ invoice. Further, Bidder should notify and submit to the employer within 15 days from the date of becoming liable to registration under GST Law.
- (f) State-wise registration of Employer is indicated in Annexure-XI
- (g) While quoting the basic rate, the bidder should offset the input tax credit available/ to be availed as per the GST Act, and shall inclusive of all taxes, duties, cess etc. other than GST.

**Payment of GST under the contract:**

- (a) The payment of GST and GST Cess to the contractor shall be made only on the latter submitting a GST compliant Tax invoice indicating the appropriate HSN code and applicable GST rate thereon duly supported with documentary evidence as per the provision of relevant GST Act and the Rules made there under. The delivery shall be shown being made in the name, location/ state, and GSTIN of the place where supply is to be made, as per applicable law; irrespective of location/state of employer where LOA is issued.
- (b) While claiming reimbursement of duties, taxes etc. (like GST) from the Employer, as and if permitted under the contract, the contractor/supplier shall also certify that in case it gets any refund out of such taxes and duties from the concerned authorities at a later date, it (the contractor/supplier) shall refund to the Employer, Employer's share out of such refund received by him from the concerned authorities, immediately.
- (c) All necessary adjustment vouchers such as Credit Notes/ Debit Notes for any short/ excess supplies or revision in prices or any other reason under the contract

shall be submitted to the Employer in compliance with GST provisions.

- (d) Liquidated damages or any other recoveries should be shown as deductions on the invoice, and GST shall be applicable only on the nett balance payment due. In case of Gross Invoice, Credit Note shall be issued for the amount derived for Liquidated Damages before payment and payment shall be made on net.
- (e) GST shall be paid as per the rate at which it is liable to be assessed or has been assessed provided the transaction of the supply is legally liable to such taxes and is payable as per the terms of the contract subject to the following conditions:
  - (i) The Employer shall not be bound to pay a higher GST rate if leviable due to any misclassification of HSN number or incorrect GST rate incorporated in the contract due to supplier's / contractor's fault. Wherever the contractor invoices the Goods at GST rate or HSN number, which is different from that incorporated in the contract, payment shall be made as per GST rate, which is lower of the GST rates incorporated in the contract or billed.
  - (ii) The payment against Tax Invoice shall be subject to the TDS (Tax deducted at Source) U/s 51 of the CGST Act, 2017 in addition to applicable TDS under Income Tax Act, 1961. On deduction at source, Employer shall be depositing the same to the credit of the respective Government, file return and issue TDS Certificate in favour of the contractor to that respect.
  - (iii) Payment of GST on running account bill shall be made on regular basis taking the GST Compliance behaviour of the contractor (i.e. regular/timely deposit of taxes to the credit of the Government and filing of regular and proper return under GST etc.). The GST so paid should get reflected in employer's GST portal before the payment of GST in next RA bill **unless** both the invoices are raised in the same tax period, for which time limit for deposit of taxes have not elapsed and/or time limit for filing statutory return is not over. In such case, payment of GST may be made subject to GST Compliance Behaviour of the contractor and the claim is not against Final Bill.
  - (iv) In case of final bill, GST amount shall only be paid/reimbursed after through checking in GSTR- 2B of the employer, showing eligible for ITC and correctness of GST amount reflected in all running bills so far paid.  
Regarding Payment/reimbursement of GST against invoices/RA bill of the contractor, the decision of the Engineer-In-Charge shall be final and binding on the contractor.
  - (v) Employer has the absolute right to check the GST Compliance behaviour of the contractor through GSTIN portal, its GSTR-2B, documentary evidence submitted by the contractor etc. while making payment/reimbursement.
  - (vi) Employer shall have the right to recover any GST paid against invoices, from any amount payable to such agency unless the GST amount is reflected in the GSTR-2B (and shown as eligible) for the purpose of ITC. Amount to be recovered/with held shall relate only to the extent of GST not

deposited or adjusted within the due date of filing return.

- (vii) If Employer fails to take ITC, due to the non-deposit of GST/ wrong filing of return, the amount of GST paid shall be recovered from any amount payable along with interest, penalty, etc. and Contractor shall indemnify the employer all loss incurred, interest/penalty imposed by the authorities due to such bad tax behaviour of the contractor.
- (viii) Employer shall not be held responsible for the contractor's tax payment or duty under a misapprehension of the law.
- (ix) Contractor is required to adjust his basic price to the extent required by a higher tax rate billed as per invoice to match the all-inclusive price mentioned in the contract.
- (x) In case of profiteering by the contractor/supplier relating to GST tax, the Employer shall treat it as a violation of the Code of Integrity in the contract and avail any or all punitive actions thereunder, in addition to recovery and action by the GST authorities under the Act.
- (xi) The contractor shall issue Receipt vouchers, as per provision of GST, immediately on receipt of advances against provision of services as per terms of contract, wherever applicable.

**Statutory Variation Clause:**

Any increase or decrease in rate of taxes, duties levies, cess etc., under any law, including GST, under the period of contract on supply shall be governed by terms and conditions of contract. Any increase or decrease in rates of GST during the currency of the contract, on supply, shall be under Employer's account unless and otherwise stated in the contract.

**17.5** Each Bidder shall submit only one Bid either as an individual or as a Proprietor in a Proprietary firm or as a Partner in a Partnership firm or as a Director of a Limited Company/Corporation or as a Partner in a Joint Venture. Any Bidder who has submitted a Bid for a work, shall not be a witness for any other Bidder for the same work. Failure to observe the above stipulations would render all such Tenders submitted as a Bidder and/or as a witness, liable to summary ejection.

**17.6** The Contractor shall be fully responsible for all matters arising out of the Performance of the Contract and shall, at his own expense, comply with all laws/acts/enactments/orders/regulations/obligations whatsoever of the Government of India, State Government, Local Body and any Statutory Authority.

**18.0 SIGNING OF CONTRACT AGREEMENT**

**18.1** The Tenderer whose tender has been accepted will be notified of the award by the Employer by issue of a 'Letter of Acceptance' prior to expiration of the Bid Validity period.

The Letter of Acceptance will be sent to the Contractor in two copies one of which he should return promptly, duly signed and stamped. The Letter of

Acceptance will be a binding Contract between the Employer and the Contractor till the formal Contract Agreement is executed.

- 18.2** Within the period as specified in Clause 1 of 'Clauses of Contract', from the date of issue of Letter of Acceptance, the successful Tenderer shall deliver to the Employer, Performance Guarantee in the format prescribed.
- 18.3** The Tenderer whose Tender is accepted shall be required to submit at his cost stamp papers of appropriate value as per the provisions of Indian Stamp Act within 15 days of the date of issue of Letter of Acceptance.
- 18.4** At the same time the Employer notifies the successful Tenderer that his Tender has been accepted, the Employer will direct him to attend the Employer's office within 28 days of issue of Letter of Acceptance for signing the Agreement in the proforma at Annexure V. The Agreement will however be signed only after the Contractor furnishes Performance Guarantee and hence, where justified, the period of 28 days stipulated above will be extended suitably.

**18A Amendment to Contract**

The conditions and clauses of this contract cannot be varied except through a written Supplementary Agreement with mutual consent of both the parties to the contract.

**19.0 PRE-QUALIFICATION PROFORMA**

The bidder shall fill the pre-qualification Proforma at Annexure VIII. The bid will be evaluated considering only those details as mentioned in Annexure VIII and corresponding documents uploaded along with the bid and no other details/certificate/document will be taken into consideration while evaluating the bid to decide whether the bidder is qualified or not.

## 20.0 BRIEF NOTICE INVITING E-TENDERS

The AGM/RCED /SBU Head, RITES Ltd invites on behalf of RCED unit Online item percentage rate bids on Single Packet System for the following work. No other mode of submission shall be accepted.

S. No.	NIT No.	Name of Work & Location	Cost of Tender Document	Estimated Cost putto Bid	Earnest Money	Period of Completion	Last Date & Time of submission of Bid, EMD, Cost of Tender Document and Other Documents as specified in the Press Notice	Time & Date of Opening of Bid
1	2	3	4	5	6	7	8	9
1.	E-Tender Notice No.: RITE S/RC ED/G T/ IMTS /UT- Leh/D RILLI NG/2 023	E-Tender for " GEOTEC HNICAL INVESTI GATION WORK AT LEH AND KARGIL CITY FOR FEASIBIL ITY ASSESS MENT OF INTEGRATED MASS TRANSIT SYSTEM AND ALLIED INFRASTR UCTUR E PROJEC T IN LEH AND KARGIL	₹2500/- (Rupees two thousand and five hundred only)	₹ 34,20,000/- (Rupees Thirty Four Lakh Twenty Thousand only ).	Rs.68,400/- (Rupees Sixty Eight Thousand d Four Hundred only)	Two months from the date of issue of Letter of Acceptance	At 1100 hrs on 17th April 2023	At 1100 hrs on 18th April 2023

21.0 The bid document consisting of tender drawings, 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 on CPP Portal <https://etenders.gov.in> free of cost.

- 22.0 After submission of the bid the bidder can re-submit revised bid any number of times but before last time and date of submission of bid as notified.
- 23.0 While submitting the revised/modified Financial bid, the bidder can revise/modify the rate of one or more item(s) any number of times (he need not re-enter rate of all the items) but before last time and date of submission of bid as notified.
- 24.0 The bid submitted shall become invalid if:
- (i) The bidder is found ineligible.
  - (ii) The bidder does not upload all the documents as stipulated in the bid document.
  - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted physically by the lowest bidder in the office of bid opening authority.
  - (iv) The bidder does not deposit physical instruments of EMD and Cost of Tender Document within a week of opening of technical bid.
- 25.0 Those contractors not registered on the website mentioned above, are required to get registered beforehand. If needed they can go to CPP Portal <https://eprocure.gov.in/eprocure/app?page=BiddersManualKit&service=page> bidders manual kit.
- 26.0 The intending bidder must have valid Class-III digital signature to submit the bid.
- 27.0 On opening date, the bidder can login and see the bid opening process. After opening of bids he will be able to view the competitors' bid documents.

**28.0 List of Documents to be scanned and uploaded within the period of bid submission: -**

1. Account Payee Banker's Cheque/Pay Order/Demand Draft towards cost of Tender Document in accordance with Clause 7.0 (f) hereinbefore.

OR

Document in support of exemption from payment of cost of Tender Document, if applicable due to any Govt. Policy.

2. Insurance Surety Bonds or Account Payee Banker's Cheque/ Pay Order/ Demand Draft towards Earnest Money Deposit (EMD) in accordance with Clause 9 hereinbefore and Bank Guarantee if applicable in accordance with Clause 9 hereinbefore

OR

Document in support of exemption from payment of EMD, if applicable as per any Govt. Policy.

3. Authority to Sign (if required as per Clause 11.0 hereinbefore) in the format given at Annexure III or (Annexure III & Annexure IV) as applicable.
4. RTGS/NEFT details as per Annexure-VII.(Mandate form)
5. Self-attested copy of Certificates in support of meeting the criterion of Similar Work Experience in accordance with Para 2(a) of Annexure I.

6. Declaration by the Bidder in the format given in Proforma 1 of Annexure I, including certificates mentioned therein.
7. Self-attested copy of Guidelines on Banning of Business Dealings as per Annexure-VIA.
8. Pre-Qualification Proforma at Annexure VIII duly filled in.
9. Self-Attested Copy of Partnership Deed/Memorandum and Articles of Association of the firm.
10. Self-Attested copy of Corrigendum(s), if any/ minutes of Pre-bid meeting, if any.
11. Self-attested copy of GST Registration Certificate (As applicable).
12. Self-attested copy of certificates as per requirement of sub-clause 6 (verification of local content) of clause 12.15(Preference to Make in India)
13. Self-attested documents as per clause 12.16 (Restriction on Procurement from a bidder of a country which shares a land border with India) if applicable.
14. Self-attested copy of valid registration with EPFO under 'EPF and Miscellaneous Provisions Act, 1952'.
15. Self-attested copy of any other document if specified in tender document and the corrections slips to the Tender Document.

Note: - Any clarification / deficient document(s) sought by RITES Ltd. as per provisions of these tender documents shall be submitted by the bidder online only.

**29.0 List of Documents to be submitted physically by Lowest (L1) Bidder within a week of the opening of Financial Bid:-**

1. Self-attested copy of PAN/TAN issued by income Tax Department.
2. Self-attested copy of registration under Labour Laws like PF, ESI etc.
3. Self-attested copy of the statement of the details of bidder's jurisdictional GST Assessing officer (designation, address and email address)
4. Self-attested copy of ISO 9000 Certificate. (If any)
5. Self-attested copies of all the documents specified in Clause 28.0 above.

**30.0** RITES Ltd. may approach any Bank, Individual, Employer, Firm or Corporation, whether mentioned in the documents submitted by bidders or not, to verify the credentials and general reputation of the bidder and where JV is allowed the credentials and general reputation of lead member & each Member of Joint Venture.

**31.0** With reference to Clause 3, Sub-clause 3(a), 3(a) (i), 3(b) and Clause 52.7 of Clauses of Contract of RITES GCC for works (Section-8), the name of the contractor declared as "Poor Performer" as per clause 52.7 and the contractor, whose Contract is determined as per clause 3 and deemed to be declared as "Poor Performer" as per Sub-clause 3(a) (i) will be placed in RITES' 'Negative List of Contractors' and then such a contractor individually and also any Joint

Venture wherein such contractor is a member, will not be eligible for a period of upto two years, to participate in tenders of other works and in the tendering process for balance work as per sub-clause 3(b) which may be invited by RITES. In case the contractor is a Joint Venture, the JV as well as all members of the JV individually or as member(s) of any other Joint Venture (JV) will not be so eligible. In case the contractor is a company then, in addition to the aforesaid provisions, the Associate Companies and Subsidiary Companies (as defined under Companies Act, 2013), of the company included in the Negative list, will also not be eligible.

## ANNEXURE – I

### QUALIFYING CRITERIA FOR WORKS CONTRACTS

#### 1. ANNUAL FINANCIAL TURNOVER-NOT APPLICABLE

#### 2. WORK EXPERIENCE

##### a) Similar Works Experience

##### (i) For works in Difficult Areas

The Bidder should have satisfactorily **completed or substantially completed** in his own name or proportionate share as a member of a Joint Venture, at least **one** similar work of minimum value of **₹ 17,10,000/- (Seventeen lakhs ten thousand only)** OR at least **two** similar works each of minimum value of **₹ 13,68,000/- (Thirteen lakhs sixty-eight thousand only)** of during the last **7 (Seven)** years prior to the last stipulated date for submission of the Bid. Works completed prior to the cut-off date shall not be considered.

##### Similar Works

Similar Works shall mean the work of carrying out “**drilling work in soil and rock including conducting SPT, collection of Undisturbed, disturbed soil samples and rock core sample in hilly area**” carried out in India under a single contract (including additional work carried out under the contract),

In case the Bidder (Indian Company) wishes to rely on a work completed abroad, the value of such completed work in foreign convertible currency shall be converted into Indian Rupees. The conversion rate shall be decided by RITES based on the rates of currency on the date of completion of work (the bidder to also submit the currency conversion rate as on completion date of the Credential Certificate relied upon by the bidder for the purpose of work experience). Further, such a bidder (Indian Company) should have also completed at least one Similar work of value minimum 40% of estimated cost of work, in India in the last seven years prior to the last stipulated date for submission of the Bids.

##### Notes:

- I. A weightage of 7% (compounded annually from the date of completion of the work to the last stipulated date for submission of the Bids) shall be given for equating the value of works to the last stipulated date for submission of the Bids. For example, for a similar work of Rs 1,00,000/- completed on 31.12.2017 and the last stipulated date for submission of the bids was 31.08.2020, the value of work that shall be considered after

giving weightage is [Rs 1,00,000\*1.07\*1.07] { 1+[(7/100)\*(244/366)]}= Rs 119832.87, rounded off to Rs 119833/-

- II. Works shall be considered as “Completed Works” where physical completion of entire work is over or commissioning of work has been done, whichever is earlier.
- III. Substantially Completed Work means an ongoing work in which payment equal to or more than 90% of the present contract value (excluding the payment made for adjustment of Price variation (PVC), if any) has been made to the contractor in that ongoing contract, Functional completion of the Project has been achieved and no proceedings of termination of contract on Contractor's default has been initiated.
- IV. In case of completed work, the value of final bill (gross amount) including the PVC amount (if paid) shall be considered as the completion cost of work. In case final bill is pending, only the total gross amount already paid including the PVC amount (if paid) shall be considered as the completion cost of work.
- V. In case of substantially completed work, the total gross amount already paid including the PVC amount (if paid), as mentioned in the certificate, shall be considered as the cost of substantially completed work.
- VI. Certificate for substantial completion of project/work/asset should contain three parts. Part-I shall contain financial value of work done, PVC amount and present contract value. Part-II shall contain ‘certificate of functional completion of project/work/asset’. Part-III shall contain that no proceedings of termination of contract on contractor's default has been initiated. The credential certificate in this regard should have been issued not prior to 60 days of date of invitation of present tender.
- VII. In case a work is considered similar in nature for fulfillment of technical credentials, the overall cost including the PVC amount (if paid) of that completed work or substantially completed work, shall be considered and no separate evaluation for each component of that work shall be made to decide eligibility.
- VIII. Value of a completed work done by a Member in an earlier JV shall be reckoned only to the extent of the concerned member's share in that JV for the purpose of satisfying his/her compliance to the above-mentioned criteria in the tender under consideration.
- IX. In case of a Certificate from a Public Limited Company or its subsidiary, the Bidder should also submit documentary proof that the Public Ltd. Company was listed in Stock Exchange in India or Abroad when the work was executed for it.
- X. The Bidder should submit the details of such similar completed/Substantially Completed works as per the format given in Annexure-VIII.
- XI. Works carried out by another Contractor on behalf of the Bidder on a back to back basis will not be considered for satisfaction of the Qualification Criterion by the Bidder.
- XII. Credential certificates issued by Government Organizations/Semi

Government Organizations of Central or State Government; or by Public Sector Undertakings/ Autonomous Bodies of Central/State Government or their subsidiaries/by Public Ltd. Companies listed in Stock exchange in India or Abroad or subsidiaries of such companies shall only be accepted for assessing the eligibility of a Tenderer. Certificates issued by one of the aforesaid organizations as a lead member (having equity stake of 51% or more) of a Joint Venture (JV) for a work executed for the JV, will also be acceptable. In case of PPP projects, if the bidder has executed a work for a concessionaire who is one of the aforesaid organizations, then the certificate issued by such concessionaire or by the public authority concerned, will also be acceptable.

- XIII. The cutoff date shall be calculated backwards from the last stipulated date for submission of Tender i.e. for a Tender having the last stipulated date for submission on 06.08.2014, the cutoff date shall be 07.08.2007.
- XIV. In case JV is permitted the following provisions will apply:- **NOT APPLICABLE**

**3. SERVICING OF LOAN / CREDIT LIMIT- NOT APPLICABLE**

**4. PROFITABILITY- NOT APPLICABLE**

**5. NET WORTH- NOT APPLICABLE**

**6. POINTS TO NOTE ON SATISFACTION OF QUALIFYING CRITERIA IN CASE OF BOTH LARGE AND NORMAL WORKS- NOT APPLICABLE**

**7. DISQUALIFICATION ON CERTAIN GROUNDS**

Even though the Bidders may meet the above qualifying criteria, they are subject to be disqualified if they have.

- a) Concealed any information/document which may result in the Bidder's disqualification or if any statement/information/document furnished by the Bidder or issued by a Bank/Agency/Third party and submitted by the Bidder, is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party. In such a case, besides Bidder's liability to action under Clause 9.4 of Instructions to Tenderers, the Bidder is liable to face the penalty of banning of business dealings with him by RITES.
- b) Records of any contract awarded to them, having been determined during the past three years prior to the dead line for submission of bids i.e. last stipulated date for submission of bids.
- c) Been declared as Poor Performer by RITES and their name is currently in the 'Negative List' of RITES.
- d) Their business banned or suspended by any Central/State Government Department/ Public Undertaking or Enterprise of Central/State Government and such ban is in force.
- e) Not submitted all the supporting documents or not furnished the relevant details

as per the prescribed format.

A declaration to the above effect in the form of affidavit on stamp paper of Rs. 10/- duly attested by Notary/Magistrate should be submitted as per format given in Proforma 1 enclosed.

## Proforma 1

### DECLARATION BY THE BIDDER

(Affidavit on Non-Judicial Stamp Paper of Rs.10/- duly attested by Notary/Magistrate)

This is to certify that We, M/s....., in submission of this offer confirm that: -

- i) We (including our affiliates or subsidiaries or constituents) are not insolvent, in receivership, bankrupt or being wound up, not have our affairs administered by a court or a judicial officer, not have our business activities suspended and are not the subject of legal proceedings for any of these reasons;
- ii) We are not convicted (within three years preceding the last date of bid submission) or stand declared ineligible/ suspended/ blacklisted/ banned/ debarred by appropriate agencies of Government of India from participation in Tender Processes, for offences mentioned in Tender Document in this regard. We have neither changed our name nor created a new "Allied Firm", consequent to the above disqualifications.
- iii) Do not have any association (as bidder/ partner/ Director/ employee in any capacity) with such retired public official or near relations of such officials of Procuring Entity, as indicated, in the Tender Document.
- iv) We have no conflict of interest, which substantially affects fair competition. The prices quoted are competitive and without adopting any unfair/ unethical/ anti-competitive means. No attempt has been made or shall be made by us to induce any other bidder to submit or not to submit an offer to restrict competition.
- v) We have visited the site of work and seen the working conditions, approach road/path, availability of water, electricity, construction labour, construction materials and other relevant requirements connected with the work.
- vi) We have neither concealed any information/document which may result in our disqualification nor made any misleading or false representation in the forms, statements and attachments in proof of the qualification requirements;
- vii) During the past three years prior to the deadline for submission of bids, no

contract awarded to us has been determined.

- viii) No Central/State Government Department/Public Sector Undertaking or Enterprise of Central/State Government has banned/suspended business dealings with us as on date.
- ix) We have submitted all the supporting documents and furnished the relevant details as per prescribed format and we agree to submit, without delay additional information/documents which may be demanded by RITES Ltd.
- x) List of Similar Works satisfying Qualification Criterion indicated in Annexure VIII does not include any work which has been carried out by us through a Subcontractor on a back to back basis.
- xi) The information and documents submitted with the Tender and those to be submitted subsequently by way of clarifications are correct and we are fully responsible for the correctness of the information and documents submitted by us.
- xii) We have not failed to service the principal amount or interest or both of a loan account/credit limit from any Bank or Financial Institution during a period of one year prior to the deadline for submission of bids.
- xiii) \*The original instruments of EMD and Cost of Tender Document, in physical form shall be deposited by us with RITES Ltd. within a week from the date of opening of Technical Bid failing which RITES Ltd. may reject the bid and also take action to debar us from participating in Tenders invited by RITES Ltd. for a period of two years.

OR

\*We are exempted from payment of cost of Tender Document and EMD and the certified copies of original documents in support of such exemption shall be deposited by us with RITES Ltd. within a week from the date of opening of Technical Bids and original documents produced on demand, failing which RITES Ltd. may reject the bid and also take action to debar us from participating in Tenders invited by RITES Ltd. for a period of two years.

(\* Delete whichever is not applicable)

xiv) I/We have read the clause regarding restrictions on procurement from a bidder of a country which shares a land border with India and on sub-contracting to contractors from such countries and solemnly certify that I/we fulfill all requirements in this regard and are eligible to be considered I/We Certify that: -

(a) This bidder is not from such a country or, if from such a country, has been registered with the Competent Authority i.e. DPIIT (Where applicable, evidence of valid registration by the Competent Authority i.e. DPIIT shall be attached.)

(b) I/We shall not sub-contract any work to a contractor from such countries unless such contractor is registered with the Competent Authority i.e. DPIIT. (Where applicable, evidence of valid registration by Competent Authority i.e. DPIIT shall be attached).

(c) I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that this bidder does not have any ToT arrangement requiring registration with the competent authority

or

I have read the clause regarding restrictions on procurement from a bidder having Transfer of Technology (ToT) arrangement. I certify that this bidder has valid registration to participate in this procurement." ***(Evidence of valid registration by the Competent Authority i.e. DPIIT shall be attached)***

xv) I have read the "Make in India Policy" and certify that I meet the eligibility criteria of Class-I Local Supplier and certify that percentage of Local content will be more than .....*(Fill in the percentage of Local content)* as specified in the tender document. **We are enclosing a certificate as per requirement of sub clause 6 (verification of local content) of clause 12.15 (Preference to Make in India)**

- xvi) I/we am/ are a startup firm registered by ....., Department of Industries Policy and Promotion (DIPP) and my registration number is ....., valid upto.....(Copy enclosed). We confirm that we are not holding more than 2 contracts under relaxed credentials at this point of time.
- xvii) We hereby undertake that observance and compliance related to Government/Regulatory/Statutory guidelines on Environmental, social and ethical aspects are ensured by us.
- xviii) We understand that in case any information/document which may result in our disqualification is concealed by us or any statement/information/document furnished by us or to be furnished by us in connection with this offer or issued by Bank/Agency/Third Party is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party, business dealings with us may be banned.

SEAL, SIGNATURE & NAME OF THE BIDDER

Signing this document

**ANNEXURE II**

**DRAFT MEMORANDUM OF UNDERSTANDING EXECUTED BY MEMBERS OF  
THE JOINT VENTURE**

**(On each firm's Letter Head)**

**NOT APPLICABLE**

**ANNEXURE III**

**FORMAT FOR POWER OF ATTORNEY TO AUTHORISED SIGNATORY  
POWER OF ATTORNEY**

(To be executed on non-judicial stamp paper of the appropriate value in accordance with relevant Stamp Act. The stamp paper to be in the name of the firm/company who is issuing the Power of Attorney)

We, M/s..... (name of the firm/company with address of the registered office) hereby constitute, appoint and authorize Mr./Ms.....

(Name and residential address) who is presently employed with us and holding the position of..... and whose signature is given below as our Attorney to do in our

name and our behalf all or any of the acts, deeds or things necessary or incidental to our bid for the work ..... (name of work), including signing and submission of application/proposal, participating in the meetings, responding to queries, submission of information/documents and generally to represent us in all the dealings with RITES or any other Government Agency or any person, in connection with the works until culmination of the process of bidding, till the Contract Agreement is entered into with RITES and thereafter till the expiry of the Contract Agreement.

We hereby agree to ratify all acts, deeds and things lawfully done by our said Attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid Attorney shall always be deemed to have been done by us.

*(Add in the case of a Joint Venture)*

Our firm is a Member/Lead Member of the Joint Venture of..... ,  
..... and .....

Dated this the ..... day of ..... 20.....

.....  
(Signature and name of authorized signatory being given Power of Attorney)

.....  
(Signature and name in block letters of \*All the partners of the firm, \*Authorized Signatory for the Company)

*(\*Strike out whichever is not*

*applicable)* Seal of firm/ Company

Witness 1:

Witness 2:

Name:

Name:

Address:

Address:

Occupation:

Occupation:

Notes:

- In case the Firm/Company is a Member of a Joint Venture, the authorized signatory has to be the one employed by the Lead Member.
- The mode of execution of the Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executant(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.

**ANNEXURE IV**

**FORMAT FOR POWER OF ATTORNEY TO LEAD MEMBER OF JOINT  
VENTURE**

**NOT APPLICABLE**

**ANNEXURE V**

**FORM OF AGREEMENT**

**(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)**

Agreement No. .... dated .....

THIS AGREEMENT is made on ..... day of ..... Two thousand ..... between RITES Ltd. a Government of India Enterprise and a Company registered under Companies Act, 1956 having its registered office at SCOPE Minar, Laxmi Nagar, Delhi - 110092 and its Corporate Office at RITES BHAWAN, Plot No.1, Sector 29, Gurgaon (Haryana)-122001 representing through ....., RITES LIMITED acting for and on behalf of and as an Agent/Power of Attorney Holder of.....hereinafter called the Employer (which expression shall, wherever the context so demands or requires, include their successors in office and assigns) on one part and M/s.....hereinafter called the Contractor (which expression shall wherever the context so demands or requires, include his/ their successors and assigns) of the other part.

WHEREAS the Employer is desirous that certain works should be executed viz. .... (brief description of work) and has by Letter of Acceptance dated ..... accepted a tender submitted by the Contractor for the execution, completion, remedying of any defects therein and maintenance of such works at a total Contract Price of Rs..... (Rupees only)

NOW THIS AGREEMENT WITNESSETH as follows: -

1. In this Agreement words and expressions shall have the same meaning as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents in conjunction with addenda/corrigenda to Tender Documents shall be deemed to form and be read and construed as part of this agreement viz.

The Letter of Acceptance dated .....

Priced Schedule (Bill) of Quantities

Notice Inviting Tender and Instructions to

Tenderers. Additional conditions of contract

Special Conditions of

contract Schedules A to F

Technical

Specifications

Drawings

Amendments to Tender Documents (List enclosed)

General Conditions of Contract (read with Correction Slip Nos. 1 to --) comprising of

(i) Conditions of Contract

(ii) Clauses of Contract

- (iii) RITES Safety Code
- (iv) RITES-Model Rules for the protection of Health and Sanitary arrangements for Workers
- (v) RITES – Contractor’s Labour Regulations.

3. In consideration of the payment to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute, complete, remedy defects therein and maintain the works in conformity in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay to the Contractor in consideration of the execution, completion, remedying of any defects therein and maintenance of the works, the contract price or such other sum as may become payable under the provisions of the contract at the time and in the manner prescribed by the Contract.

IN WITNESS whereof the parties hereto have caused their respective common seals to be hereinto affixed (or have herewith set their respective hands and seals) the day and year first above written.

SIGNED, SEALED AND DELIVERED BY

<p>.....</p> <p>In the capacity of .....</p> <p>On behalf of M/s .....</p> <p>(The Contractor)</p> <p>In the presence of</p> <p>Witness (Signature, Name &amp; Designation)</p> <p>1.</p> <p>2.</p>	<p>.....</p> <p>Representing RITES LIMITED In the capacity of Agent/Power of Attorney Holder</p> <p>For and on behalf of .....</p> <p>(The Employer)</p> <p>In the presence of</p> <p>Witness (Signature, Name &amp; Designation)</p> <p>1.</p> <p>2.</p>
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**ANNEXURE VI/1-NOT APPLICABLE**

**ANNEXURE VI/2- NOT APPLICABLE**

**ANNEXURE VI/3- NOT APPLICABLE**

## Guidelines on Banning of Business Dealings

### 1. Introduction

- 1.1 RITES, being a Public Sector Enterprise and 'State', within the meaning of Article 12 of Constitution of India, has to ensure preservation of rights enshrined in Chapter III of the Constitution. RITES has also to safeguard its commercial interests. It is not in the interest of RITES to deal with Agencies who commit deception, fraud or other misconduct in the execution of contracts awarded / orders issued to them. In order to ensure compliance with the constitutional mandate, it is incumbent on RITES to observe principles of natural justice before banning the business dealings with any Agency.
- 1.2 Since banning of business dealings involves civil consequences for an Agency concerned, it is incumbent that adequate opportunity of hearing is provided and the explanation, if tendered, is considered before passing any order in this regard keeping in view the facts and circumstances of the case.

### 2. Scope

- 2.1 The procedure of (i) Suspension and (ii) Banning of Business Dealing with Agencies, has been laid down in these guidelines.
- 2.2 It is clarified that these guidelines do not deal with the decision of the Management not to entertain any particular Agency due to its poor/inadequate performance or for any other reason.
- 2.3 The banning shall be with prospective effect, i.e., future business dealings.

### 3. Definitions

In these Guidelines, unless the context otherwise requires:

- i) 'Bidder / Contractor / Supplier' in the context of these guidelines is indicated as 'Agency'.
- ii) **'Competent Authority' shall mean the Executive Director of the Division.**
- iii) **'First Appellate Authority' shall mean Director in charge of the Division and**
- iv) **"Second Appellate Authority" shall mean the CMD, RITES.**
- v) 'Investigating Department' shall mean any Department, Division or Unit investigating into the conduct of the Agency and shall include the Vigilance Department, Central Bureau of Investigation, the State Police or any other department set up by the Central or State Government having powers to investigate.
- vi) 'Banning Committee' shall mean a Committee constituted for the purpose of these guidelines **by the CMD**. The members of this Committee shall not, at any stage, be

connected with the tendering process under reference.

#### **4. Initiation of Banning/Suspension**

Action for banning/suspension business dealings with any Agency should be initiated by the department/unit having business dealings with them after noticing the irregularities or misconduct on their part.

#### **5. Suspension of Business Dealings**

- 5.1 If the conduct of any Agency dealing with RITES is under investigation by any department, the Competent Authority may consider whether the allegations under investigation are of a serious nature and whether pending investigation, it would be advisable to continue business dealing with the Agency. If the Competent Authority, after consideration of the matter including the recommendation of the Investigating Department/Unit, if any, decides that it would not be in the interest to continue business dealings pending investigation, it may suspend business dealings with the Agency. The order to this effect may indicate a brief of the charges under investigation. The order of such suspension would operate for a period not more than six months and may be communicated to the Agency as also to the Investigating Department.

The Investigating Department/Unit may ensure that their investigation is completed and whole process of final order is over within such period.

- 5.2 As far as possible, the existing contract(s) with the Agency may be continued unless the Competent Authority, having regard to the circumstances of the case, decides otherwise.
- 5.3 If the Agency concerned asks for detailed reasons of suspension, the Agency may be informed that its conduct is under investigation. It is not necessary to enter into correspondence or argument with the Agency at this stage.
- 5.4 It is not necessary to give any show-cause notice or personal hearing to the Agency before issuing the order of suspension. However, if investigations are not complete in six months time, the Competent Authority may extend the period of suspension by another three months, during which period the investigations must be completed.

#### **6. Grounds on which Banning of Business Dealings can be initiated**

- 6.1 If the security consideration, including questions of loyalty of the Agency to the State, so warrants;
- 6.2 If the Director/Owner of the Agency, proprietor or partner of the firm, is convicted by a Court of Law for offences involving moral turpitude in relation to its business dealings with the Government or any other public sector enterprises or RITES, during the last five years;
- 6.3 If there is strong justification for believing that the Directors, Proprietors, Partners, owner of the Agency have been guilty of malpractices such as bribery, corruption, fraud, substitution of tenders, interpolations, etc.;
- 6.4 If the Agency employs a public servant dismissed/removed or employs a person convicted

for an offence involving corruption or abetment of such offence;

- 6.5 If business dealings with the Agency have been banned by the Govt. or any other public sector enterprise;
- 6.6 In case any information/document which may result in the tenderer's disqualification is concealed by the Tenderer or any statement/information/document furnished by the Tenderer or issued by a Bank/Agency/third party and submitted by the tenderer, is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party.
- 6.7 If the Agency uses intimidation/threatening or brings undue outside pressure on the Company (RITES) or its official in acceptance/performances of the job under the contract;
- 6.8 If the Agency indulges in repeated and/or deliberate use of delay tactics in complying with contractual stipulations;
- 6.9 Based on the findings of the investigation report of CBI/Police against the Agency for malafide /unlawful acts or improper conduct on his part in matters relating to the Company (RITES) or even otherwise;
- 6.10 Established litigant nature of the Agency to derive undue benefit;
- 6.11 Continued poor performance of the Agency in several contracts;

*(Note: The examples given above are only illustrative and not exhaustive. The Competent Authority may decide to ban business dealing for any good and sufficient reason).*

## **7. Banning of Business Dealings**

- 7.1 A decision to ban business dealings with any Agency shall apply throughout the Company.
- 7.2 If the Competent Authority is prima-facie of view that action for banning business dealings with the Agency is called for, a show-cause notice may be issued to the Agency as per paragraph 8.1 and an enquiry held accordingly.

## **8. Show-cause Notice**

- 8.1 In case where the Competent Authority decides that action against an Agency is called for, a show-cause notice has to be issued to the Agency. Statement containing the imputation of misconduct or mis-behaviour may be appended to the show-cause notice and the Agency should be asked to submit within 30 days a written statement in its defence. If no reply is received, the decision may be taken ex-parte.
- 8.2 If the Agency requests for inspection of any relevant document in possession of RITES, necessary facility for inspection of documents may be provided.
- 8.3 On receipt of the reply of the Agency, or in case no reply is received within the prescribed time, the Competent Authority shall refer the case along with relevant details to the Banning Committee, which shall examine the reply of the Agency and other facts and circumstances of the case and submit its final recommendation to the Competent Authority for banning or otherwise. In case the action contemplated against the Agency

includes forfeiture of EMD also besides Banning of Business Dealings, the Banning Committee will also examine whether Clause 9.4 of Tender and Contract Document is attracted and recommend forfeiture or otherwise of EMD considering all facts and circumstances of the case. A final decision on forfeiture or otherwise of the EMD and for Company-wide banning or otherwise shall be taken by the Competent Authority. The Competent Authority may consider and pass an appropriate speaking order:

- a) For completely exonerating the Agency; or
- b) For forfeiture of EMD but for not banning of business dealings with the Agency; or
- c) For forfeiture of EMD and banning the business dealing with the Agency.

8.4 The decision should be communicated to the Agency concerned along with a reasoned order. If it decided to ban business dealings, the period for which the ban would be operative may be mentioned.

## **9. Appeal against the Decision of the Competent Authority**

**9.1 The Agency may file an appeal against the order of the Competent Authority banning business dealing, etc. to the First Appellate Authority.**

**9.2 In the event the Agency is dissatisfied with the decision of the First Appellate Authority, it shall file a second appeal to the Second Appellate Authority.**

**9.3 The Appeals shall be preferred within one month from the receipt of the order of the Competent Authority or First Appellate Authority, as the case may be.**

9.4 Appellate Authorities would consider the appeal and pass appropriate order which shall be communicated to the Agency as well to the Competent Authority.

## **10. Review of the Decision by the Competent Authority**

Any petition/application filed by the Agency concerning the review of the banning order passed originally by Competent Authority under the existing guidelines either before or after filing of appeal before the Appellate Authority or after disposal of appeal by the Appellate Authority, the review petition can be decided by the Competent Authority upon disclosure of new facts/circumstances or subsequent development necessitating such review.

## **11. Circulation of the names of Agencies with whom Business Dealings have been banned.**

11.1 Depending upon the gravity of misconduct established, the Competent Authority of RITES may circulate the names of Agency with whom business dealings have been banned, to the Ministry of Railways and PSUs of Railways, for such action as they deem appropriate.

11.2 If Ministry of Railways or a Public Sector Undertaking of Railways request for more information about the Agency with whom business dealings have been banned a copy of the report of Inquiring Authority together with a copy of the order of the Competent

Authority/Appellate Authority may be supplied.

## **12. Restoration**

- 12.1 The validity of the banning order shall be for a specific time & on expiry of the same, the banning order shall be considered as "withdrawn".
- 12.2 In case any agency applies for restoration of business prior to the expiry of the ban order, depending upon merits of each case, the Competent Authority which had passed the original banning orders may consider revocation of order of suspension of business/lifting the ban on business dealings at an appropriate time. Copies of the restoration orders shall be sent to all those offices where copies of BanOrders had been sent.

## **13. Power of Superintendence**

**CMD, RITES shall have overall power to take suo-moto action on any information available or received by him and pass such order(s) as he may think appropriate, including modifying the order(s) passed by any authority under these Guidelines.**

\*\*\*\*

**MANDATE FORM**

To  
 RITES Ltd.  
 .....  
 .....

Dear Sir,

Authorization for payments through Electronic Fund Transfer System (RTGS/NEFT)

Whereby authorize RITES Ltd. to make all our payments, including fund of Earnest Money, through Electronic Fund Transfer System (RTGS/NEFT). The details for facilitating the payments are given below:

(TO BE FILLED IN CAPITAL LETTERS)

1	NAME OF THE BENEFICIARY	
2	ADDRESS WITH PIN CODE	
3	(A) TELEPHONE NO. WITH STD CODE	
	(B) MOBILE NO.	
4	BANK PARTICULARS	
A	BANK NAME	
B	BANK TELEPHONE NO. WITH STD CODE	
C	BRANCH ADDRESS WITH PIN CODE	
D	BANK FAX NO. WITH STD CODE	
E	11 CHARACTER IFSC CODE OF THE BANK (EITHER ENCLOSE A CANCELLED CHEQUE OR OBTAIN BANKCERTIFICATE AS APPENDED)	
F	BANK ACCOUNT NUMBER AS APPEARING IN THE CHEQUE BOOK	
G	BANK ACCOUNT TYPE (TICK ONE)	SAVING/CURRENT/ LOANCASH/ CREDIT/ OTHERS
H	IF OTHERS, SPECIFY	
I	PERMANENT ACCOUNT NUMBER (PAN)	
J	E-MAIL ADDRESS	

I / We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit it not effected at all for reasons of incomplete or incorrect information, I / We would not hold RITES Ltd. responsible. Bank charges for such transfer will be borne by us.

Date:

SIGNATURE  
 (AUTHORISED SIGNATORY)  
 Name.....

**BANK CERTIFICATION**

It is certified that the above-mentioned beneficiary holds bank account No ..... with our branch and the Bank particulars above are correct.

Date:

SIGNATURE  
 (AUTHORISED SIGNATORY)  
 Name .....  
 OFFICIAL STAM

**ANNEXURE VIII**

**PRE-QUALIFICATION PROFORMA**

Name of work					
Tender No.					
Name of the Bidder					
Details of Cost of Tender Document paid by Account Payee Banker's Cheque/Pay Order/Demand Draft in favour of "RITES Ltd."	Name & Address of Issuing Bank	Amount	Date of Issue	Instrument placed at	Remarks
Details of EMD paid by Insurance Surety Bondsor Account Payee Banker's Cheque/Pay Order/Demand Draft/Bank Gurantee (Indemnity e-BankGuarantee) in favour of "RITES Ltd."					

**Similar Work Experience**

**(i) For Completed works:**

S. No.	Name of work	Name of Client and address	Agreement/ Letter of Award No. and date	Actual Date of Start	Actual Date of Completion	Actual Completion Cost (Rs)	Completion Certificates placed at:	Remarks
1								
2								
3								
4								

**Notes:** In support of having completed above works, attach self-attested copies of the

completion certificate from the owner/client or Executing Agency/Consultant appointed by Owner/Client indicating the name of work, the description of work done by the Bidder, date of start, date of completion (contractual & actual) and contract value as awarded and as executed by the Bidder.

**(ii) For substantially completed works**

S. No.	Name of Work	Name & address of client	Agreement/ Letter of Award No. & date	Actual Date of start	Actual Cost of work completed (Rs)	Present Contract value (Rs)	% Work completed	Status of functionality (whether functional or non-functional)	Whether any proceedings of termination of contract has been initiated. (Yes/No)	Substantial completion certificate placed at	Remarks
1											
2											
3											

Notes: Certificate for substantial completion of project/work/asset should contain three parts. Part-I shall contain financial value of work done, PVC amount and present contract value. Part-II shall contain certificate of functional completion of project/work/asset. Part-III shall contain that no proceedings of termination of contract on contractor's default has been initiated.

**Other Documents to be submitted along with Tender Documents:**

S. No.	Particulars	Documents placed at:	Remarks
1	Declaration by the Bidder as per Proforma-1 of Annexure-I including certificates mentioned therein.		
2	Self-attested copy of Partnership Deed/Memorandum and Articles of Association of the Firm		
3	Self-attested copy of Written Power of Attorney of the signatory of the Tender on behalf of the tenderer. <b>“(Annexure-III or Annexure-III &amp; Annexure IV) as applicable)”</b>		

S. No.	Particulars	Documents placed at:	Remarks
4	Self-attested copy of valid registration with EPFO under EPF and Miscellaneous Provisions Act, 1952		
5	Integrity Pact as per Annexure-VI/1, VI/2 and VI/3 as mentioned in clause 11.2		
6	Self-attested copy of Guidelines on Banning of Business Dealings as per Annexure-VI A		
7	Self-attested copy of Corrigendum / Minutes of Pre-Bid Meeting, if any.		
8	RTGS/NEFT details as per Annexure- VII (Mandate form)		
9	Self-attested copy of GST Registration Certificate		
10	Self-attested copy of the JV agreement/MoU as per Annexure-II ( where JV is allowed) to be executed by each member of JV individually.		
11	Power of attorney in favour of Lead member as the Lead Member of JV (where JV is allowed) as per Annexure-IV to be executed by all the members of JV individually.		
12	Self-attested copy of certificates as per requirement of Sub – clause 6 (verification of Local content) of clause 12.15 (Preference to Make in India)		
13	Self-attested documents as per clause 12.16 (Restrictions on procurement from a bidder of a country which shares a land border with India), if applicable.		

S. No.	Particulars	Documents placed at:	Remarks
14	Declaration by Each Partner of JV (in case of Large works)/ Lead Member (in case of Normal works) as per Para 3 (Servicing of Loan/ Credit Limit) of Annexure-I		
15	Undertaking/ Declaration by Bidder/ Each Partner of JV in case of Large works/ Lead Member of JV in case of Normal works that "Audited Balance Sheets, Profit and Loss Statements and other financial statements for the immediately preceding year are not available" as per Para 1 (g) (Annual Financial Turnover), Para 4 (Profitability) and Para 5 (Net Worth) of Annexure-I, if applicable.		
16	Self-attested copy of any other document if specified in tender document and correction slips totender document		

## ANNEXURE IX

### List of 60 Districts covered under IAP

S. No.	State	District
1	Andhra Pradesh	Adilabad
2	Andhra Pradesh	Khammam
3	Bihar	Arwal
4	Bihar	Aurangabad
5	Bihar	Gaya
6	Bihar	Jamui
7	Bihar	Jehanabad
8	Bihar	Nawada
9	Bihar	Rohtas
10	Chhatisgarh	Bastar
11	Chhatisgarh	Bijapur
12	Chhatisgarh	Dantewada
13	Chhatisgarh	Jashpur
14	Chhatisgarh	Kanker
15	Chhatisgarh	Kawardha
16	Chhatisgarh	Koriya
17	Chhatisgarh	Narayanpur
18	Chhatisgarh	Rajnandgaon
19	Chhatisgarh	Surguja
20	Jharkhand	Bokaro
21	Jharkhand	Chatra
22	Jharkhand	Garhwa
23	Jharkhand	Gumla
24	Jharkhand	Hazaribagh
25	Jharkhand	Kodarma
26	Jharkhand	Latehar
27	Jharkhand	Lohardaga
28	Jharkhand	PachimSinghbhum
29	Jharkhand	Palamu
30	Jharkhand	PurbiSinghbhum

S. No.	State	District
31	Jharkhand	Ram Garh
32	Jharkhand	Saraikela
33	Jharkhand	Simdega
34	Madhya Pradesh	Anuppur
35	Madhya Pradesh	Balaghat
36	Madhya Pradesh	Dindori
37	Madhya Pradesh	Mandla
38	Madhya Pradesh	Seoni
39	Madhya Pradesh	Shahdol
40	Madhya Pradesh	Sidhi
41	Madhya Pradesh	Umaria
42	Maharashtra	Gadchiroli
43	Maharashtra	Gondiya
44	Orissa	Balangir
45	Orissa	Debagarh / Deogarh
46	Orissa	Gajapati
47	Orissa	Kalahandi
48	Orissa	Kandhamal / Phulbani
49	Orissa	Kendujhar / Keonjhar
50	Orissa	Koraput
51	Orissa	Malkangiri
52	Orissa	Mayurbhanj
53	Orissa	Nabarangapur
54	Orissa	Nuapada
55	Orissa	Rayagada
56	Orissa	Sambalpur
57	Orissa	Sonapur
58	Orissa	Sundargarh
59	Uttar Pradesh	Sonbhadra
60	West Bengal	Paschim Medinipur

## ANNEXURE X

### PROFORMA FOR BANK GUARANTEE FOR EARNEST MONEY DEPOSIT (EMD)

(On Non-Judicial Stamp Paper of Appropriate Value)

To,

RITES LTD.

1. WHEREAS RITES Ltd. Acting for and on behalf as Agent/Power of Attorney Holder of ..... (hereinafter called 'The Employer') (which expression shall unless repugnant to the subject or context include its successors and assigns) has invited bids by way of E-tender Number-..... dated ..... (hereinafter called 'the Tender') for ..... (*description of the tender work*);
2. AND WHEREAS.....(*name of the bidder*) (hereinafter called 'the Bidder') has submitted a bid for the Tender to the Employer.
3. AND WHEREAS a Bank Guarantee for Rs..... (Rupees.....only) (*Amount of EMD*) in favour of RITES Ltd (hereinafter called the "Beneficiary") valid till.....(*the date of validity of this Guarantee from the date of the submission of Tender's offer*) is required to be submitted by the Bidder as EMD along with the Tender.
4. We ..... (*Name of the bank*) having our office at.....(*Address of the bank*) (hereinafter called 'the Bank') hereby give this Bank Guarantee and hereby agree unequivocally and unconditionally to pay to RITES Ltd. immediately on demand and without demur to the extent of the said sum of Rs (Rupees ..... only) for which payment well and truly to be made to the said Beneficiary, the Bank binds itself, its successors and assigns by these presents on default of any of the conditions of the Tender as follows:
  - i. if the Bidder after bid opening, but before expiry of bid validity or issue of Letter of Acceptance, whichever is earlier,
    1. withdraws his tender; or
    2. makes any modification in the terms and conditions of the tender which are not acceptable to the Employer
    3. impairs or derogates from the tender in any respect within the period of validity of the tender
    4. If the bidder does not accept the correction of his price during evaluation
  - ii. in case any information/document which may result in the Bidder's disqualification is concealed by the Bidder or any statement/information/document furnished by the Bidder or issued by a Bank/Agency/Third Party and submitted by the Bidder, is subsequently found to be false or fraudulent or repudiated by the said Bank/Agency/Third Party.
  - iii. in the case of a successful Bidder, if the Bidder fails to furnish the Performance Guarantee within the period specified under Clause 1 of "Clauses of Contract".
5. We undertake to pay to the Beneficiary up to the above amount upon receipt of its first written demand, without the Beneficiary having to substantiate its demand, provided that in its demand the Beneficiary will note that the amount claimed by it is due to its owing to the occurrence of one or more of the conditions mentioned above, specifying the occurred condition or conditions.
6. This guarantee will remain in force up to.....and any demand in respect thereof should reach the Bank

not later than the above date.

7. NOTWITHSTANDING ANYTHING CONTAINED HEREIN:

- I. Our liability under this Bank Guarantee shall not exceed Rs. .... (Rupees ..... only)
- II. This Bank Guarantee shall be valid up to .....
- III. It is a condition of our liability for payment of the guaranteed amount or any part thereof arising under this Bank Guarantee that we receive a valid written claim or demand for payment under this Bank Guarantee on or before..... failing which our liability under the guarantee will automatically cease.

Seal:

(Authorised Signatory of the Bank)

Date:

## ANNEXURE XI

### STATE / UNION TERRITORY IN WHICH GST REGISTRATION OF RITES

S. No	State	Regular GST Reg. No.(Final)
1	Jammu & Kashmir	01AAACR0830Q1ZK
2	Punjab	03AAACR0830Q1ZG
3	Haryana	06AAACR0830Q1ZA
4	Delhi	07AAACR0830Q1Z8
5	Rajasthan	08AAACR0830Q1Z6
6	Uttar Pradesh	09AAACR0830Q1Z4
7	Bihar	10AAACR0830Q1ZL
8	Tripura	16AAACR0830Q1Z9
9	Meghalaya	17AAACR0830Q1Z7
10	Assam	18AAACR0830Q1Z5
11	West Bengal	19AAACR0830Q1Z3
12	Jharkhand	20AAACR0830Q1ZK
13	Orissa	21AAACR0830Q2ZH
14	Chattisgarh	22AAACR0830Q1ZG
15	Madhya Pradesh	23AAACR0830Q1ZE
16	Gujarat	24AAACR0830Q1ZC
17	Maharashtra	27AAACR0830Q1Z6
18	Karnataka	29AAACR0830Q1Z2

**STATE / UNION TERRITORY IN WHICH GST REGISTRATION OF RITES**

<b>19</b>	Goa	<b>30AAACR0830Q1ZJ</b>
<b>20</b>	Kerala	<b>32AAACR0830Q1ZF</b>
<b>21</b>	Tamilnadu	<b>33AAACR0830Q1ZD</b>
<b>22</b>	Andaman & Nicobar Islands	<b>35AAACR0830Q1Z9</b>
<b>23</b>	Telengana	<b>36AAACR0830Q2Z6</b>
<b>24</b>	Andhra Pradesh	<b>37AAACR0830Q1Z5</b>

**SECTION 2**

**ADDITIONAL CONDITIONS  
OF CONTRACT – NOT  
APPLICABLE**

**SECTION - 2**  
**ADDITIONAL CONDITIONS OF CONTRACT**

**1.0 DEFINITIONS**

**1.1 Owner**

Owner shall mean the UT of Ladakh and shall be represented by its representative.

**1.2 Client**

Client shall mean the RITES Ltd. and shall be represented by SBU Head/RCED or his authorized representative.

**1.3 Agency/ Contractor / Sub – Consultant**

Agency/ Contractor / Sub – Consultant shall mean the firm/company appointed in connection with the work to discharge its duty as per the scope of services. It shall be represented by their executors, administrators, successors and permitted assigns.

**1.4 Engineer –in-Charge**

The Engineer-in-charge for this project shall be AGM/RCED of RITES Ltd. who shall supervise and be in-charge of the work and who shall sign the Contract as mentioned in Schedule 'F'. The Engineer-in-charge, at his own discretion, may entrust, to his authorized representative, his responsibility to act on his behalf and perform any or all the functions of the Engineer-in-Charge under the Contract.

**2.0 SETTLEMENT OF DISPUTES & ARBITRATION**

If at any time, any question, disputes or differences whatsoever shall arise between Client and Agency with regard to or in relation to or in connection with the terms and conditions, whether during the progress of work or after its completion the matter shall be referred to SBU Head/RCED/RITES Ltd. for his decision. In case his decision is not acceptable, the matter shall be dealt as per RITES GCC (updated with all amendments) on the written request of the aggrieved party.

**3.0 FORCE MAJEURE**

If at any time, during the continuance of this contract, the performance in whole or in part by either party of any obligation under this contract shall be prevented or delayed by reason of any war, hostility, acts of public enemy, civil commotion, sabotage, serious loss or damage by fire, explosions, epidemics, strikes, lockouts or acts of God (hereinafter, referred to events) provided, notice of the happening of any such event is given by either party within 10 days from the date of occurrence thereof, neither party shall by reason of such event, be entitled to terminate this contract nor shall either party have any claim for damages against the other in respect of such non-performance of delay in performance, and works under the contract shall be resumed as soon as practicable after such event has come to an end or ceased to exist, and the decision of the Client as to whether the works have been so resumed or not shall be final and conclusive, provided further that if the performance in whole or in part of any obligation under this contract is prevented or delayed by reason of any such event for a period exceeding ninety days, either party may at its option terminate the contract by giving notice to the other party.

**4.0 ADDITIONAL PERFORMANCE GUARANTEE**

The successful tenderer may be required to submit Additional Performance Guarantee (APG) in the

form of Bank Guarantee from any scheduled bank to the extent of total quoted price lower by more than 25% of the estimated cost given in tender within 21 days of issue of LOA. The APG shall be released 60 days beyond the release of final payment.

## **5.0 NOTICE**

Any notice to be given hereunder will be sent by registered post / courier/ hand receipt at the last known head office address of the “Agency” &/or at the address for communication intimated by the “Agency” and shall be deemed to have been served at the time at which the letter would be delivered in the ordinary course of post.

## **6.0 LIQUIDATED DAMAGE/ PENALTY FOR DELAY**

**6.0** Agency” shall be responsible to complete the work within stipulated period of time as mentioned therein.

**6.1** Time is the essence of contract. In case of delay or default on part of Agency for any **activity described under Section 5**, the Agency shall be liable to pay the Client “Compensation at the rate of 1.5 % of tendered value per month of delay to be computed on per-day basis, subject to maximum of 10% (ten percent) of the total fee of the Agency or such amount as may be fixed by the “Client”.

## **7.0 INSURANCE & SAFETY**

~~7.0 The contractor has to follow clause 47 of GCC for applicable insurance policies. Professional Liability Insurance (PLI) including deficiencies / inadequacies in the topographic and hydrographic survey for the minimum period of three years or as per applicable Law if specifies longer period with a minimum coverage equal to Agency’s total quoted fee shall have to be obtained by the Agency and proof of obtaining such PLI insurance shall be submitted to the Client.~~

**7.1** Employers Liability and worker’s compensation Insurance in respect of the personnel of the Agency and any of its Sub - Consultants, in accordance with the relevant provisions of the agreement and of any such life, health, accident, level or other insurance as may be appropriate shall have to be taken by Agency as defined in **Schedule F**. It may please be noted that all insurance and policies should start from the date of commencement of services and remain effective as per relevant requirements of Contract agreement, or up to completion of consultancy contract, whichever is longer except PLI which shall be for the period as provided above.

**7.2** The Contractor shall, at his own expense, arrange for the safety provisions including life jacket, safety tube & other things as required by the Engineer, in respect of all labor directly or indirectly employed for performance of the work and shall provide all facilities in connection therewith, extending to the Engineer at site. In case the Contractor fails to make arrangements to provide necessary facilities as aforesaid, the Engineer shall be entitled to do so and recover the cost thereof, from the Contractor.

## **8.0 GENERAL**

### **8.1 Foreclosure of contract**

Client reserve the right for foreclosure of contract without assigning any reason whatsoever. The payments in the event of foreclosure of contract shall be restricted to the amount defined for each activity independently and in the event of such termination the Agency shall be entitled to all such fee for the services actually completed and liable to refund the excess payment if any made to them over and above what is due in terms of this agreement on the date of termination. The Owner/Client may make full use of all or any of the drawings prepared by the Agency. In case of an activity is partly completed at the time of foreclosure of contract, client shall asses and decide the part fee

payable to Agency and his decision shall be final and binding and no claims shall be entertained.

## 8.2 Rescinding of contract

In the event of failure on the part of the Agency to complete work in time or to the complete satisfaction of the Client or in the event of committing breach of any one or more of terms and conditions of the agreement, Client shall be entitled to rescind this contract without prejudice to the right to claim damages or remedies under the law. The period of notice to be given to rescind contract will be 15 days and in the event of such termination, Agency shall be liable to return the excess payment, if any made to them over and above due to them on the date of termination and Client will be entitled to make full use of all or any of the drawings / documents prepared by Agency. In such case Client shall have power to engage another Agency and/or carry out the work through its own resources to complete the balance work. In this case the excess amount, if any incurred by the client shall be debited to the Agency subject to a maximum of **10%** (Ten percent) of the total fee which would have been paid. Agency shall pay to Client such excess expenditure within 30 days of issue of notice failing which Agency shall be debarred from consultancy jobs of Client in future besides taking other course of action to recover such amount.

## 8.3 Copyright / Proprietary right

The Agency hereby agree that the fee to be paid as provided in this agreement will be in full and final for functions to be performed by him and no claim whatsoever shall be made against Client in respect of any part relating to the plans, drawings and other documents submitted by Agency.

## 8.4 Variation of Work

Total quantum of work as indicated in Schedule of Quantities of financial bid is approximate and liable to vary up to an extent of +25 %. (Twenty-five percent) The Contractor shall be bound to execute the additional work, if any, on the same terms and conditions. No compensation will be paid in case of reduction of work.

## 8.5 Mobilization of Team

The agency is expected to mobilize within 7 days of award of contract and start the work physically at site. The 7-day time should be sufficient to take all permissions for equipment and personnel planned to be used on this work.

## 8.6 Payment Terms

- i. Billing and payments in respect of the services shall be Stage wise after submission and acceptance/approval of respective reports by RITES/UT Admn. Sub-consultant will be paid stage-wise as a percentage of the contract value as per the schedule given below:

Stage	Description of the submission	Payment as percentage of Contract Price
I	On completion of field work and submission of field logs & data	60%
II	On submission of all types of samples to RITES GT Lab at RITES BHAWAN, Plot No 1, Sector 29, Gurgaon (Haryana) and submission of field data and borehole logs in soft copy	20%
III	On submission of all data after review by RITES in editable formats (soft) & hard copy	20%

Stage	Description of the submission	Payment as percentage of Contract Price
	including submission of core boxes & all other deliverables and acceptance by RITES	
Total		<b>100%</b>

**Note:** No payment shall become eligible for the next stage till the sub-consultant, completes to the satisfaction of RITES, the work pertaining to the preceding stage.

**8.7** The agency shall extend full support to RITES at site / office in Gurgaon in assisting verification of submittals at various stages by deploying competent staff with computer and required software backup.

**8.8** Mode of payment

The Payment shall be released to the successful bidder through Electronic Clearing system (ECS)/ Electronic Fund Transfer (EFT) as per Consent in a mandate form, enclosed as Annexure -VII for receipt of payment through Electronic Clearing System (ECS) / Electronic Funds Transfer (EFT).

**8.9** Incidental Cost

Bidders to note that the rate quoted shall be inclusive of all statutory payments and other incidental costs towards performing all the activities as specified under section 5. Nothing extra shall be paid on any account except GST on the quoted fee.

**8.10** RITES **reserve** the right for making payment for the item on reduced rate if in the opinion of RITES, item has not been executed fully as per specified. The reduced rate shall be determined by Engineer-in-Charge and shall be binding on the contractor.

**8.11** Responsibilities of the sub-consultant/contractor

- **Accuracy of Project work and submittals**

- The Sub Consultant shall be responsible for accuracy of the data collected by him, and all other details prepared & submitted by him as part of these services.
- The Sub Consultant shall indemnify the RITES Ltd. against any inaccuracy in the work which might surface during implementation of the project.
- The Sub Consultant shall also be responsible for correcting, at his own cost and risk including any re-redrilling of borehole / investigations etc. if required during the execution of the Services.

**SECTION 3**  
**SPECIAL CONDITIONS**  
**OF CONTRACT-NOT APPLICABLE**

## **SECTION 4**

# **PROFORMA OF SCHEDULES**

## SECTION-4

### PROFORMA FOR SCHEDULES

#### **Schedule 'A'**

Schedule of quantities (As per Bill of Quantities attached)

#### **SCHEDULE-A (BILL OF QUANTITIES)**

**Name of the Work- " GEOTECHNICAL INVESTIGATION WORK AT LEH AND KARGIL CITY FOR FEASIBILITY ASSESSMENT OF INTEGRATED MASS TRANSIT SYSTEM AND ALLIED INFRASTRUCTURE PROJECT IN LEH AND KARGIL "**

Points to be noted while quoting rates:

- 1) Where Tender has been invited on Percentage Rate basis, Percentages on the Estimated Cost (whether above or below) are to be quoted for each of the Schedules.
- 2) Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender documents, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the Sky Blue coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BOQ file is found to be modified by the bidder, the bid will be rejected.
- 3) Depending on scope and nature of work, additional points may be incorporated by the Authority Competent to approve Tender Documents under Item 3.0 of SOP.

## SCHEDULE OF ITEMS, QUANTITIES AND RATES

S No.	Description of Item	Unit	Qty	Rate (In Figures)	Rate (In Words)
1	Mobilization and Demobilization of adequate drilling machine equipment its accessories and manpower to site and back to head quarter.	Nos.	2		
2	Erection and construction of working platform for drilling machine including making of approaches and transportation of machinery from one borehole to another.	Nos.	24		
3	Drilling of 150mm diameter bore hole at various locations in all types of soil, gravel, pebble and cobble including conducting SPT at every 3.0 m interval or at change of soil strata, starting from first sample at 1.5m depth recording of "N" value, collection of Undisturbed soil samples at every 3.0m interval alternatively with SPT, disturbed sample, transporting soil samples and drilling of 76mm diameter bore hole in rock including collection of rock core samples, preservation of rock cores in core boxes and transporting selected rock core samples to RITES laboratory at ROC-I, RITES BHAWAN, Plot no. 1, Sector -29, Gurgaon (Haryana) for lab testing .	m	360		
<b>Total</b>					

### Schedule 'B'

-Not Applicable-

### Schedule 'C'

-Not Applicable-

### Schedule 'D'

-Not Applicable-

### Schedule 'E'

*(Refer Clause 10 CC of Clauses of Contract)*

*(To be worked out and filled by Tender document Approving Authority. The Components and their percentages may be modified depending on the nature of work)*

## Clause 10 CC

-Not Applicable-

### Schedule 'F'

#### Reference to General Conditions of Contract

RITES General Conditions of Contract for works– February 2023 (with up-to-date correction slips)

Name of Work: **GEOTECHNICAL INVESTIGATION WORK AT LEH AND KARGIL CITY FOR FEASIBILITY ASSESSMENT OF INTEGRATED MASS TRANSIT SYSTEM AND ALLIED INFRASTRUCTURE PROJECT IN LEH AND KARGIL”**

Estimated cost of work: **₹ 34,20,000/- (Rupees Thirty Four Lakh Twenty Thousand only)**

Earnest money: **₹ 68,400/- (Rupees Sixty thousand four hundred only)**

Performance Guarantee (Ref.Clause1) **3% of Tendered Value**

Security Deposit: (Refer clause 1A) **5% of Tendered Value**

#### Notice Inviting Tender and Instruction to Tenderers

Officer inviting tender: **AGM/SBHU Head RCED, 5th Floor, Right Wing, RITES Bhawan (Shikhar), Plot No.1, Sector 29, Gurgaon, Haryana – 122001**

### CONDITIONS OF CONTRACT

#### Definitions

2(iv) Principal/ Employer: **RITES Ltd. for Central Railway**

2(v) Engineer-in-Charge: **Additional General Manager/C/RCED**

2 (vii) Accepting Authority: **Additional General Manager/C/ SBU Head/RCED**

2 (ix) Percentage on Cost of materials and Labour to cover all overheads and profit: **Not Applicable**

2 (x) Standard Schedule of Rates: **Not Applicable**

2(xiii) Date of commencement of work: **07 days from the date of issue of LOA or the first day of handing over of site whichever is later.**

9 (a) (ii) General Conditions of Contract:

RITES General Conditions of Contract for Works **February** Edition as modified & Corrected up to latest Correction Slip (Refer RITES website)

## CLAUSES OF CONTRACT

### Clause 1

1 (i) Time allowed for submission of P.G. from the date of issue of Letter of Acceptance  
*(subject to maximum of 15 days)*

**15 Days**

Maximum allowable extension beyond the period provided in(i)above  
*(subject to maximum of 07 days)*

**07 Days**

### Clause 2

Authority for fixing compensation under Clause 2

**Additional General Manager/C/SBU Head/RCED.**

### Clause 2 A:

Whether Clause 2A shall be applicable

**No**

### Clause 5:

5.1 (a) Time allowed for execution of work

**Two (02) months** from the date of start

Date of start:

**07 Days** from the date of issue of Letter of Acceptance or the first date of handing over of Full/Part site whichever is later  
*(Incase only part site is to be handed over initially, indicate the time schedule for handing over of the site)*

5.1 (b) TABLE OF MILESTONE(S):

As elaborated in Clause 5 of Section 5 of this document

### Clause 5 A

Shifting of stipulated date of completion:

Competent Authority

**Additional General  
Manager/C/SBU Head/RCED**

**Clause 6 A**

Whether Clause 6 or 6A applicable:

**Only clause 6 is applicable.**

**Clause 7**

Gross work to be done together with net Payment/adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment:

**NOT APPLICABLE**

**Clause 10 A**

i) Whether Material Testing Laboratory is to be provided at site.

**NOT APPLICABLE**

ii) If "YES" list of equipment to be provided

**NOT APPLICABLE**

**Clause 10 B**

Whether Clause 10 B (ii) to (v) applicable

**NOT APPLICABLE**

**Clause 10 CC**

Whether Clause 10CC applicable

**NOT APPLICABLE**

**Clause 11**

Specifications to be followed for execution of work: **Technical Specification As specified in Section 5.**

**Clause 12**

Clause 12.2 Deviation Limit beyond which 12.3 & 12.5 Clauses 12.2, 12.3 & 12.5 shall apply

- i) For Non-foundation items
 

Plus	25%
Minus	No limit
- ii) For Foundation Items
 

Plus	100%
Minus	No limit

*Note: For Earthwork, individual classification quantity can vary to any extent but overall Deviation Limits will be as above.*

**Clause 12.5**

Definition of Foundation item if other than that described in Clause 12.5

**NOT APPLICABLE**

**Clause 16**

Competent Authority for deciding reduced rates

**Additional General Manager/C/SBU Head/RCED**

**Clause 17**

Maintenance Period

**NOT APPLICABLE**

**Clause 18**

List of machinery, tools & plants to be deployed by the Contractor at site (Commensurate with approved work schedule)

**As per work requirement detailed in Section 5 to complete the work in stipulated time - Technical Specification.**

**Clause 25**

25 (i) Appellate Authority

**Additional General Manager/C/SBU Head/RCED**

Appointing Authority

**ED/UI, RITES Ltd Gurgaon**

Whether Clause 31 or 32 is applicable

**NOT APPLICABLE**

**Clause 36 (i) & (iii)**

Minimum Qualifications & Experience required and Discipline to which should belong:

Designation	Minimum Qualification	Minimum working experience	Discipline to which should belong	Number
Site Engineer /In charge	Diploma / Degree in Civil	3 - 5 years' experience in related relevant geotechnical investigations.	Civil Engineering	1
Site Geologist / In Charge	Post Graduate Degree in Geology	3 - 5 years' experience in related relevant geotechnical investigations	M.Sc. Geology	1

**Clause 36 (iv)**

Recovery for non-deployment of Site Engineer and Site Geologist:

Designation	Rate of Recovery per month (in Rs.) for non-deployment
Site Engineer / In Charge	50000/- per month or pro rata on weekly basis
Site Geologist / In Charge	50000/- per month or pro rata on weekly basis

**Clause 42**

**NOT APPLICABLE**

**Clause 46**

**Clause 46.10**

Details of temporary accommodation including number of rooms and their sizes as well as furniture to be made available by the Contractor.

**NOT APPLICABLE**

Whether Clause 46.11.1A applicable

**No**

Whether Clause 46.13A applicable

**No**

**Clause 46.17**

City of Jurisdiction of Court:

**GURGAON**

**Clause 47.2.1**

Sum for which Third Party Insurance to be obtained:

**Rs 10 Lakhs per occurrence with insurance valid for 4 occurrences at all times.**

**Clause 55**

Whether clause 55 shall be applicable.

**NOT APPLICABLE**

# **SECTION 5**

# **TECHNICAL SPECIFICATIONS**

## SECTION 5

### TECHNICAL SPECIFICATIONS

#### **1.0 TECHNICAL SPECIFICATIONS**

##### **1.1 Introduction**

It is proposed to drill approximately approx. 24 boreholes of depth ranging from 10m to 20m depth with total quantity of 360m of 150mm dia. borehole in all types of soil, conducting Standard Penetration test (SPT) at regular intervals, collecting undisturbed and disturbed soil samples and drilling of Nx/Nq size borehole with double tube core barrel in rock using appropriate diamond core drilling machine up to desired depth, collection of rock samples and preserving of same in the core boxes. The scope also includes logging of rock core, preparation of logs and marking water table wherever available including provision of air-tight containers for packing, labelling and transporting the selected soil/rock samples to RITES Geotechnical laboratory, Shikhar, Rites Bhawan, Plot no. 1 Sector 29 Gurgaon, Haryana

***The Quantum of work may vary depending upon site conditions.***

##### **1.2 Scope of Work**

The scope of work includes:

- i) Mobilization of drilling rigs, other drilling tools and accessories including personnel for carrying out drilling work conducting SPT, collection of Undisturbed, disturbed soil samples.
- ii) De-mobilization drilling rigs, other drilling tools & accessories and personnel after completion of work.
- iii) Setting up of drilling machine at each borehole location as per the location coordinates including transportation of machinery from one borehole to another and construction of working platform, if any.
- iv) Drilling of 150mm diameter boreholes in all kinds of soil including gravels and cobbles and NX size boreholes in boulders and rocky strata. All boreholes shall be drilled up to specified depth maximum to 20m in case of overburden is encountered or wherever the rock is met with at shallow depth, the drilling shall be limited to 5m in hard rock or as instructed by the site engineer/representative of RITES.
- v) Collection of 100mm dia. meter, 450mm long undisturbed samples from bore holes and sealing the tube with molten wax at every 3.0m.
- vi) Conducting standard penetration test (SPT) in soil and collection of disturbed soil samples at every 3.0m.
- vii) Preparation and submission of field bore logs/geological logs in hard copy as well as in soft copy.
- viii) Preparation and submission of computerized bore logs/geological logs in hard copy as well as in soft copy.
- ix) Preserving rock core sample in core boxes for onward submission to client.
- x) Selection of rock core sample in consultation with RITES representative and transportation of selected soil/rock core samples to RITES GT Laboratory at

SHIKHAR, RITES BHAWAN, Plot No-1, Sector-29, Gurgaon. Haryana on weekly basis or as per direction of Engineer-in-charge.

## 2.0 FIELD INVESTIGATIONS – IN SOIL

### 2.1 BORING

#### i) General Requirements

- a) Boreholes shall be taken at specified locations to obtain information about the sub-soil profile, its nature and strength and to collect soil samples for strata identification and conducting laboratory tests. The minimum diameter of the bore shall be 150 mm and boring shall be carried out in accordance with the provisions of IS: 1892 as per this specification.
- b) All bore holes shall extend up to depths as directed by the Engineer. If the strata with Standard Penetration Test (SPT) `N' value greater than 100 with characteristics of rock is met with, prior to the specified depth, the bore hole shall be advanced further by chiseling. Chiseling shall be continued for a maximum depth of 20 cm or up to 2 hours whichever is earlier. During chiseling rock fragments shall be collected. Identification of rock strata shall be on the basis of visual examination of SPT sample and rock fragments.
- c) Casing pipe shall be used in the borehole to support its sides when a side fall is suspected to occur inside the borehole. When casing pipe is used, it shall be ensured that its bottom end is at all times less than 15 cm above the bottom of the borehole and not below the level at which the test has to be conducted or sampling has to be done. In case of cohesion less soils the advancement of the casing pipe shall be such that it does not disturb the soil to be tested or sampled. The casing shall be advanced by slowly turning the casing pipe and not by driving. **NO EXTRA PAYMENT SHALL BE MADE FOR PROVIDING CASING.**
- d) In-situ tests shall be conducted or undisturbed samples (UDS) shall be collected in the bore holes at regular intervals and at change of strata or as decided by the Engineer. Representative disturbed samples shall be preserved for conducting various identification tests in the laboratory. Water table in the borehole shall be carefully recorded and reported.
- e) The bore hole shall be cleaned using suitable tools up to the depth of testing or sampling, ensuring that there is minimum disturbance of the soil at the bottom of the bore hole. The process of jetting through an open tube sampler shall not be permitted. In cohesive soils, the bore hole may be cleaned using a bailer with a flap valve. Gentle circulation of drilling fluid shall be done when rotary mud circulation boring is adopted.
- f) On completion of the bore hole, including the borehole in which special tests are conducted, bore hole shall be backfilled as directed by the Engineer. **THE COST OF BACKFILLING SHALL BE BORN BY THE CONTRACTOR FOR WHICH NOTHING EXTRA SHALL BE PAID**
- g) In sandy and non-cohesive strata, soil samples shall be collected with due care that the samples collected truly represents the strata and is not vitiated in any way by washing out of fines.
- h) During drilling, depth of water table, joint set, joint Nos. & description should be recorded as per IS Standards.
- i) During drilling, all samples shall be systematically collected, correctly identified, and properly stored in steel/wooden boxes as per IS Standards.

- j) It has to be ensured that casing does not advance ahead of the borehole under any circumstances.
- k) While drilling, it is necessary to detect the presence of explosive inflammable gases within the strata.

**ii) Rotary Mud Circulation Boring**

This method can be used in all types of soil below water table. In this method boring shall be done by rotating the bit fixed at the bottom of the drill rod. Proper care shall be taken to keep firm contact between the bit and the bottom of the bore hole. Bentonite mud shall be used as the drilling fluid to prevent caving in of the bore hole sides. Use of percussion tool shall be permitted in hard clays and dense sandy deposits.

**3.0 STANDARD PENETRATION TEST**

This test shall be conducted in all types of soil deposits met within a bore hole, to find the variation in the soil stratification by correlating with the number of blows required for unit penetration of standard penetrometer. This test shall be conducted at 3.0m intervals and every change of strata and as per the direction of the Engineer. The starting depth of performing SPT shall be between 1.0 and 2.0 m depth below ground level. This depth shall be staggered in alternate boreholes. The depth interval between the top levels of Standard Penetration Test and next undisturbed sampling shall not be less than 0.5m. The specifications for the equipment and other accessories, procedure for conducting the test, presentation of test results and collection of the disturbed soil samples shall conform to IS: 2131.

This test shall be carried out by driving a standard split spoon sampler in the bore hole by means of a 63.5 kg hammer having a free fall of 0.75m. The sampler shall be driven using the hammer and blows shall be recorded for 450mm penetration. While driving the number of blows for every 150 mm penetration and the penetration for every 50 blows shall be recorded. The number of blows for the last 300 mm drive shall be reported as N value. This test shall be discontinued when the blows count is equal to 100 at the penetration shall be recorded. Refusal shall be considered to be met with when the blow count is equal to or greater than 100. At the location where the test is discontinued the penetration and the number of blows shall also be reported. Sufficient quantity of disturbed soil samples shall be collected from the split spoon sampler for identification, and laboratory testing. The sample shall be visually classified and recorded at the site and shall be properly preserved and labeled for future identification.

It may not be possible to conduct SPT test wherever boulders/cobbles/pebbles/gravels are encountered in bore holes drilled in top overburden debris. However, attempt will be made to get SPT values wherever soil is encountered up to the required depth.

**4.0 SAMPLING**

**General**

- a) Sufficient number of soil samples shall be collected for reliable estimation of soil properties. The samples collected shall be either disturbed or undisturbed. Disturbed soil samples shall be collected for field identification and conducting tests

such as sieve analysis, index properties etc. Undisturbed samples shall be collected to estimate the strength and settlement properties of the soil.

- b) All the accessories required for sampling and the method of sampling shall conform to IS: 2132. All the disturbed and undisturbed samples collected in the field shall be classified at the site as per IS: 1498.
  - c) All the samples shall be identified with date, bore hole or trial pit number, depth of sampling, etc. It is also essential to mark an arrow pointing towards the top surface of the sample. Care shall be taken to keep the undisturbed soil samples and box samples vertically with the arrow directing upwards. The tube samples shall be properly trimmed at both ends and sealed with molten paraffin wax at both ends immediately after extracting the samples from the bore hole and suitably capped on both sides.
  - d) Precaution shall be taken to ensure that there shall not be any change in moisture content and disturbance of the soil samples and they shall be placed in a temporary store at the end of the day's work. All the samples shall be kept over a bed of sand, jute bags, saw dust, etc. and covered over on top with similar material. The bed and top cover shall be kept moist till they are properly packed in wooden boxes. Care should be taken for packing and transporting of all the samples from site to the laboratory after sampling with proper protection against loss and damage.
  - e) All the samples shall be packed in wooden boxes using sand, saw dust etc. all around the samples before transportation to laboratory for testing.
- ii) **Disturbed sample**  
Disturbed soil samples shall be collected in bore holes at regular intervals to provide complete description of soil profile and its variation. Samples shall be immediately stored in airtight or polythene bags and labeled with bore hole number and depth.
- iii) **Undisturbed Samples**  
In each bore hole undisturbed sample shall be collected at every change of strata and at regular intervals of 3.0 m and as directed by the Engineer. The starting depth of collection of UDS shall be between ground level and 1.0 m below ground level and as decided by the Engineer. The starting depth shall be staggered in alternate boreholes. In cohesive soils collection of UDS shall be preferred in place of SPT. The depth interval between the top level of undisturbed sampling and standard penetration test shall be at least 0.5m. Undisturbed samples shall be 100 mm dia. and 450 mm length. Samples shall be collected in such a manner that the structure of the soil and its moisture content do not get altered. The specifications for the accessories required for sampling and the sampling procedure shall conform to IS: 1892 and IS: 2132. The sampling tube shall have a smooth finish on both surfaces and minimum effective length of 450 mm. The area ratio of sampling tubes shall be less than 12.5%. However, in case of very stiff soils, area ratio up to 20% shall be permitted.
- iv) **Relaxation During Sampling**
- a) The Sampler shall be pushed into the soil and driving of sampler shall be resorted to only when it cannot be pushed into the soil.
  - b) In clays when N value is above 50, undisturbed samples may be replaced by standard penetration test.

## 5.0 GROUND WATER

Ground water shall be recorded in bore holes as per IS: 6935.

## 6.0 FIELD INVESTIGATION- ROCK

### 6.1 ROCK DRILLING

#### i) General Requirements

Rock core drilling equipment may be used for drilling of vertical holes. The core barrel employed for rock drilling shall be HX/HQ or NX/NQ Size double tube, longitudinally split inner tube for good rock with diamond core bit. For softer rock, tungsten carbide chips can be used, with a harder matrix so that the bit lasts longer. For hard rock, diamonds are used in a soft matrix, so that plenty of cutting material is exposed.

Rock drilling shall be carried out as per BIS-6926. Quality drilling is important in maintaining a reasonable straight vertical hole and nearly circular cross-section. The rotary drilling machine shall also be capable of drilling angular holes where required by the prevailing geological site conditions.

As the driller rotates the drill string, downward pressure and abrasion from the bit cuts into the rock, pushing core into the core barrel. Water, bentonite slurry or drilling mud may be used as flushing medium to cool the bit, lubricate the core, remove the loose bits of rock (called the cuttings), and help stabilize the hole.

#### ii) Equipment

- a) Core drilling shall be done by rotary motion using diamond bit. The feed or thrust to the drilling bit shall be actuated by hydraulic type. The equipment or set up shall be capable of recovering 75% of the drilled volume. The rotary core drilling equipment and procedure for drilling shall conform to IS: 6926. The equipment shall be provided with necessary facilities to regulate the spindle speed bit, pressure and water pressure during core drilling to get good core recovery.
- b) Drilling shall be carried out with HX/HQ or NX/NQ size diamond tipped drill bits or impregnated diamond bit depending on the type of rock encountered. Double tube swivel core barrel of Type B conforming to IS: 6926 may be used to ensure good core recovery and to pick up cores from all layers of rock. Suitable core catches shall be used to ensure continuous and good core recovery. For ensuring maximum core recovery in weak rocky formation, triple tube core barrel including split type core barrel may also be used.

#### iii) Procedure

- a) The drilling fluid shall be clean water. Circulation of the drilling fluid shall be started before the core barrel reaches the bottom of the hole to prevent cuttings or sludge from entering the core barrel at the start of coring. Drilling fluid shall be circulated continuously down the hollow rods and the sludge conveying the rock cuttings to the surface shall be collected. Bentonite as drilling fluid will be used only when warranted.
- b) When drilling through soft/weathered/fractured rock water circulation must be reduced so as to avoid shattering/breaking the core.
- c) The rotational speed of the bit (spindle speed) the amount of downward pressure applied on the bit (bit pressure) and water pressure shall be suitably adjusted and properly monitored so that the core is collected with least disturbance and avoid

shearing of the Core from its base Bit-speed, bit pressure, water pressure for the type of bit for various rocks type shall be as given in Appendix A of IS: 6926.

- d) If at any time a blocking of the bit or grinding of the core is indicated, the core barrel shall be immediately withdrawn from the borehole regardless of the length of drill run completed.

iv) **Observations**

- a) The depths through which a uniform rate of penetration was maintained, sudden fall of drill rod occurs, or the depth of any blockage of drill bit causing core loss, if any shall be recorded.
- b) Any heavy vibration or torque noticed during drilling should be recorded together with the depth of Occurrence.
- c) Special conditions like the depth at which grouting was done during drilling, presence of artesian conditions, loss of drilling fluid observation of gas discharge with return water etc., shall also be observed and recorded.
- d) Data from the driller's daily records and geologist's field log shall be edited interactively for preparation of graphical / geological log.
- e) Other special conditions, which may be peculiar to individual cases during drilling operation, shall be recorded.

v) **Core Samples**

The rock core samples collected from the bore holes shall be kept in steel/wooden core boxes and these core boxes shall be handed over to the Engineer-in-charge of RITES Ltd after completion of work.

- vi) **In case, the core recovery obtained is less than 50%, the drill run shall be reduced to 0.75m so enable to obtain good core recovery.**

- vii) **In case of rock, the termination criteria shall be 5m length in fresh/hard rock with RQD shall be >50% for continuous 3m length.**

**Relevant BIS Codes to be used for the work.**

IS : 1892 Code of practice for sub-surface investigation for foundations.

IS : 2131 Method for standard penetration test.

IS : 2132 Method for collection of Undisturbed soil samples.

IS : 6935 Method for determination of water table in boreholes.

IS : 8763 Guide for undisturbed sampling in sands.

Any other relevant codes & specifications as per requirement.

## **SECTION 6**

# **DRAWINGS/RELATED DOCUMENTS**

**SECTION 6**

<https://drive.google.com/drive/folders/1NCBWvz0EbleSeFhjvIADbV3WAHmGvj61?usp=sharing>