



सत्यमेव जयते

Government of Gujarat

Department of Science and Technology

Government of Gujarat



**Volume II**

**CONTRACT  
OF**

**CONSTRUCTION OF RESIDENTIAL FACILITIES AT GUJARAT BIOTECHNOLOGY UNIVERSITY**

**GUJARAT BIOTECHNOLOGY UNIVERSITY**



Gujarat Biotechnology University  
GIFT Urban Extension Area, GIFT city road  
Gandhinagar- 382355

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Draft Only

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## CONSTRUCTION CONTRACT

THIS CONSTRUCTION CONTRACT ("Contract" or "Agreement") is entered into at [●] on this [●] day of [●] ("Effective Date"),

**By and between:**

**Gujarat Biotechnology University**, represented by **Registrar**, and having its office at **GIFT UDA, GIFT City road, Gandhinagar- 382355, Gujarat, India**, hereinafter referred to as "**GBU**" or "**Authority**" (which expression shall, unless repugnant to the context or meaning thereof, include its administrators, successors and assigns) of the **First Part**;

**AND**

{[insert name of single entity being a company/ trust/ society/ firm/sole-proprietorship<sup>1</sup>], a [●] incorporated/ registered under the provisions of the [insert name of relevant statute] and having its registered office at [●], (hereinafter referred to as the **Contractor "Contractor"** which expression shall, unless repugnant to the context or meaning thereof, include its successors, permitted assigns and substitutes) of the **OTHER PART**.}<sup>2</sup>

For the purpose of this Contract, both the "Authority" and "Contractor" are collectively referred to as the "**Parties**" and individually as a "**Party**".

**WHEREAS:**

- (A) The Authority has resolved to develop Residential Facilities at its Site at Gandhinagar ("Project") in accordance with the terms and conditions set forth in this Contract.
- (B) The Authority had accordingly invited proposals by its Request for Proposal dated [●] (the "**Request for Proposal**" or "**RFP**") for selection of Contractor for construction and development of Residential Facilities at its Site situated in Gandhinagar.
- (C) After evaluation of the bids received, the Authority had accepted the bid of the [●] ("**Selected Bidder**") and issued its Letter of Award No. .... dated [●] (hereinafter called the "**LOA**") to the Selected Bidder requiring, inter alia, the execution of this Contract and same was acknowledged by the Selected Bidder vide its letter dated [●].
- (D) The Selected Bidder has requested the Authority to accept it as the entity which shall undertake and perform the obligations and exercise the rights of the Contractor including the obligation to enter into this Contract pursuant to the LOA for executing the Project.

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<sup>1</sup>Specify nature of entity

<sup>2</sup> In case the Selected Bidder being a single entity executes the contract with the Authority.

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(E) The Authority has agreed to the said request of the Selected Bidder, and has accordingly agreed to enter into this Contract with the Contractor for execution of the Project, subject to and on the terms and conditions set forth hereinafter.

**NOW THEREFORE**, in consideration of the premises, the covenants set forth herein, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Parties agree as follows:

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## ARTICLE 1: DEFINITIONS AND INTERPRETATION

### 1.1 DEFINITIONS

- 1.1.1 The words and expressions beginning with capital letters and defined in this Contract) shall, unless the context otherwise requires, have the meaning ascribed to them in Schedule 1 (Definitions) Interpretation
- 1.2.1 In this Contract, unless the context otherwise requires,
- a) Reference to the singular shall include reference to the plural and vice-versa and a reference to any gender shall include a reference to the other genders, except where the context otherwise requires.
  - b) The headings in this Contract are included for ease of reference, and shall not affect the meaning or the interpretation of this Contract.
  - c) The Schedules to this Contract form an integral part of this Contract and will be of full force and effect. The provisions of this Contract and the Schedules hereto shall be interpreted harmoniously.
  - d) The preamble and the recitals shall form an integral part of this Contract and shall be interpreted harmoniously.
  - e) Unless the context otherwise requires, a reference to any clause, recital, schedule shall be to a Clause, Recital, Schedule of this Contract respectively, except where the context otherwise requires.
  - f) Reference to any law or regulation having force of law includes a reference to that law or regulation, as amended, modified, supplemented, extended or re-enacted from time to time.
  - g) Reference to time shall, except where the context otherwise requires, be construed as a reference to Indian Standard Time. Any reference to calendar shall be construed as reference to the Gregorian calendar.
  - h) The words "include" or "including" shall be deemed to be followed by "without limitation" or "but not limited to" whether or not they are followed by such phrases.
  - i) Unless the context otherwise requires, any period of time referred to shall be deemed to expire at the end of the last date of such period.
  - j) In case of any discrepancy between words and figures, the words shall prevail over the figures.
  - k) Whenever provision is made for the giving of notice, approval or consent by any Person, unless otherwise specified, such notice, approval or consent shall be in writing and the words "notify" and "approve" shall be construed accordingly.
  - l) Provisions including the word "agree", "agreed", "agreement" require the agreement to be recorded in writing.

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- m) The terms "written" or "in writing" mean hand-written, type-written, printed or electronically made, and resulting in a permanent record.
  - n) Any reference to a document is to that document as amended, varied or novated from time to time otherwise than in breach of this Contract or that document.

1.2.2 Unless expressly provided otherwise in this Contract, any documentation required to be provided or furnished by the Contractor to the Authority shall be provided free of cost and in three copies, and if the Authority is required to return any such documentation with its comments and/or approval, it shall be entitled to retain two copies thereof.

1.2.3 The rule of construction, if any, that a contract should be interpreted against the parties responsible for the drafting and preparation thereof, shall not apply.

1.2.4 Any word or expression used in this Agreement shall, unless otherwise defined or construed in this Agreement, bear its ordinary English meaning and, for these purposes, the General Clauses Act, 1897 shall not apply.

## 1.2 **Measurements and arithmetic conventions**

All measurements and calculations shall be in the metric system and calculations done to 2 (two) decimal places, with the third digit of 5 (five) or above being rounded up and below 5 (five) being rounded down.

## 1.3 **Intentionally Deleted**

## 1.4 **Priority of Documents**

1.4.1 This Contract, and all other agreements and documents forming part of or referred to in this Contract are to be taken as mutually explanatory and, unless otherwise expressly provided elsewhere in this Contract, the priority of this Contract and other documents and agreements forming part hereof or referred to herein shall, in the event of any conflict between them, be in the following order:

(a) the Contract; and

(b) all other agreements and documents forming part hereof or referred to herein.

i.e, the Contract at (a) above shall prevail over the agreements and documents at (b) above.

1.4.2 Subject to the provisions of Clause 1.4.1, in case of ambiguities or discrepancies within this Contract, the following shall apply:

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- (a) between two or more Clauses of this Contract, the provisions of a specific Clause relevant to the issue under consideration shall prevail over those in other Clauses;
  - (b) between the Clauses of this Contract and the Schedules, the Clauses shall prevail and between Schedules and Annexes, the Schedules shall prevail;
  - (c) between any two Schedules, the Schedule relevant to the issue shall prevail;
  - (d) between the written description on the Drawings /Specifications and Bill of Quantities, the former shall prevail;
  - (e) between the dimension scaled from the Drawing and its specific written dimension, the latter shall prevail; and
  - (f) between any value written in numerals and that in words, the latter shall prevail.

1.4.3 In the event that clause 1.4.1 and clause 1.4.2 are unable to resolve the discrepancies, the most restrictive provision(s) among the alternatives shall prevail.



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## ARTICLE 2: SCOPE OF THE PROJECT AND VARIATION OF WORK

### 2.1 SCOPE OF PROJECT

Under this Contract, the Scope of the Project (the "**Scope of Project**") shall mean and include:

- a) construction and development of the Project on the Site set forth in **Schedule 2** including operation and maintenance of major equipments like lift, HVAC, ELV, BMS, DG Set, Transformer etc in accordance and conformity with the Technical Specifications and Standards set forth in **Schedule 3** and the provisions of this Contract;
- b) procurement and installation of Works including all [trees, plants, shrubs, models, artifacts, equipment, instruments, support systems and as required for the project] as planned for the Project and as set forth in **Schedule 2** and in conformity with the Technical Specifications and Standards set forth in **Schedule 3** and the provisions of this Contract; and
- c) performance and fulfilment of all other obligations of the Contractor in accordance with the provisions of this Contract and matters incidental thereto or necessary for the performance of any or all of the obligations of the Contractor under this Contract.

2.2 Unless otherwise expressly mentioned in this Contract, the execution of relevant Scope of Project by the Contractor shall be strictly according to the applicable Technical Specifications and Standards, and/or other directions/requirements of the Authority.

2.3 Any Works not found to be as per the relevant Technical Specifications and Standards and/or directions/requirements of the Authority shall be rejected, and the Contractor shall have to redo, rectify or remedy the same at its own cost and responsibility. In case of failure of the Contractor to rectify such defects, the Authority shall get the Works rectified at the risk and cost of the Contractor.

2.4 The Contractor shall not subcontract the whole or substantially the whole of its relevant Scope of Project and obligations under this Contract without the prior written approval of the Authority. No such assignment or subcontract shall relieve the Contractor from any of its obligations under this Contract, and the Contractor shall be liable for its entire Scope of Project as if none of it has been assigned or subcontracted to any third party and the entire Scope of Project has been executed by the Contractor itself/ themselves.

### 2.5 VARIATION

The term "Variation" as used under this clause means the alteration or modification of the design, quality or quantity of work as shown upon the drawings, scope of works, specification or included in the Bill of quantities (schedule 10) and desired by or referred to in the schedule of quantities and includes the addition, omission or

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substitution of any work, the alteration of the kind of standard or any of the materials or goods to be used in the work, and removal from the site of any works materials or goods executed or brought thereon by the Contractor for the purpose of work other than work materials or goods which are not in accordance with this contract. For avoidance of doubt, it is clarified that variation shall include the following but not limited to:

- (a) New items of works i.e., items completely new and in addition to the items of Contract. These are known as extra or additional items ("**Extra Item**").
- (b) Substituted items i.e., items which substitute the existing one or are taken up in lieu of those already provided in the Contract. There can be slight modifications of technical modifications or partially omitting items of work in the Contract ("**Extra Item**").
- (c) Deviation in quantities of items, i.e., where there is increase or decrease in the quantities initially contracted as per the Contract. In other words, the nomenclature of work remains the same, but the quantities vary with those provided in the agreement ("**Excess Item**").

It is further clarified that description of items mentioned in the BOQ is an integral part of Technical Specifications and Standards in Schedule 3 & Scope of Works in Schedule 2.

The detailed estimates have been prepared based on approved plans and drawings so that variations during execution of work are kept to the minimum. However, if some change has to be made, the same may be done with the approval of competent authorities.

Contractor is required to execute additional work of any kind necessary for the completion of the works and no such variation shall in any way validate or invalidate the contract, but the value, if any, of all such variations shall be taken into account in ascertaining the amount of the Contract Price.

#### 2.5.1 Right to vary the Work

During the Contract, the Authority shall have a right to seek variation in the Work ("**Variation**") by way of a written proposal at any time prior to issuing of the Works Completion Certificate. Provided, the Variation shall not exceed 10% (ten percent) of the Contract Price ("**Variation Limit**"). However, the Contractor shall seek Authority's prior permission for any variation.

#### 2.5.2 Authority's right to vary the Work

- i. The Authority may give a proposal for Variation to the Contractor at any time prior to issuing of the Works Completion Certificate and may issue any such directions which are not necessarily stipulated herein if it deems necessary for the fulfilment of the

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Project requirements. The Contractor shall execute and be bound by each Variation (as applicable to it) proposed by the Authority.

- ii. Once the Contractor agrees and becomes bound by the Variation proposed by the Authority, it shall respond to the Authority in writing as soon as practicable, and submit:
  - (a) a description of the proposed design of the Variation to be performed and a programme for its execution;
  - (b) a proposal for any necessary modifications to the Programme Schedule set out in Schedule 4 (Programme Schedule) and to the Construction Period; and
  - (c) a proposal for adjustment to the Contract Price in terms of the Clause 2.5.4.
- iii. The Authority shall, as soon as practicable after receiving such proposal, respond with approval, disapproval or comments, and the Contractor and the Authority shall mutually agree to the terms and conditions of the Variation, including the change in Works, terms relating to increase in Contract Price (taking into account reasonable profit for the Contractor), the schedule of payments and extension of Contract (if applicable). It is clarified that the Contractor shall not execute any services or works forming part of the proposed Variation unless the Parties have agreed to the change in Works, terms relating to increase in Contract Price (taking into account reasonable profit for the Contractor), the schedule of payments and extension of Contract (if applicable) resulting from such proposed Variation.

#### 2.5.3 Intentionally Deleted

#### 2.5.4 Determination of the Contract Price in case of Variation

In the event of the Variation of the Work in terms of the Clause 2.5.2 above for categories (a) and (d) as per clause 2.5, the adjustment in the Contract Price shall be determined in the following manner:

- (a) If rate for varied item of Work is specified in the Bill of Quantities, the Contractor shall carry out the varied item of Work ("**Varied Work**") at the rate adjusted with the mark- up quoted by the Contractor for any variations.
- (b) If the rate for any Varied Work is not specified in the Bill of Quantities, the rate for the such item of the Varied Work shall be derived from the rate for the nearest similar item specified in the Bill of Quantities and the decision of the Authority as to the nearest comparable item shall be final and binding on the Contractor.

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(c) If the rates of any Varied Work is not included in the Bill of Quantities, such item of Work shall be carried out as per the Gujarat Government approved schedule of rates applicable for the year in which the tender was received. In the event if item is unavailable therein, Work shall be carried out as per the Delhi Schedule of Rates applicable for the year in which the tender was received.

(d) If the rate for any Varied Work cannot be determined in the manner specified in (a) to (c) above, then the Contractor will be paid at such fair and reasonable rates as worked out by the Authority on the basis of rate analysis and/or material and labour required to execute the item and allowing 12 percent (twelve percent) towards overhead charges and Contractor's profit.

No extra claim shall be entertained of such items. The decision of the Authority shall be final and binding in this regard.

In the event of the Variation in quantities of items as per schedule-10 (categories (c) as per clause 2.5), the adjustment in the Contract Price shall be determined in the following manner:

i. The Contractor shall be paid only for the actual amount of work done no other extra claim shall be entertained in this regard.

ii. Unless otherwise stipulated, the accepted variation in the quantity of each contract item would be up to 30% of the quantity initially contracted. The Contractor shall be bound to carry out the service at the agreed rates and shall not be entitled to any claim or compensation whatsoever up to the limit of 30% variation in the quantity of the individual item of services.

iii. If the Authority decides to increase or decrease the variation beyond 30% of contracted quantity, the rates and acceptability shall be determined in the following manner:-

a) the Contractor will be paid for the quantity in excess of 30% at the estimated rate/rate entered in the Road and Building Department, Govt of Gujarat S. O. R./rate entered in CPWD/Delhi S. O. R. of the year during which the excess in quantity is first executed or tender rate, whichever is less.

No extra claim shall be entertained of such items. The decision of the Authority shall be final and binding in this regard.

2.5.5 For the avoidance of doubt, Variation shall include:

- (a) change in Technical Specifications and Standards of any item of Works;
- (b) omission/ addition of any item of Work not implied from the Sope of the Project defined in Clause 2.1;

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2.5.6 No Variation shall be executed unless the Authority and Contractor have mutually agreed to change in Scope of Project in accordance with Clause 2.5.2 above save and except any change in Scope of Project which is necessary for meeting any emergency i.e., a condition or situation that is likely to endanger the safety or security of the individuals connected to the Project, including users thereof, or which poses an immediate threat of material damage to the Works or any of the Project Assets. For the avoidance of doubt, it is clarified that in such a situation of Emergency the Authority shall not be required to issue a proposal for change in Scope of Project to the Contractor and the Contractor shall be required to execute the Variation upon mere intimation by the Authority and without waiting for any mutual agreement between the Parties on any proposed Variation.

2.5.7 Provided that no order in writing shall be required for increase or decrease in the quantity of any work where such increase or decrease is not the result of an order given under this Clause but is the result of the quantities exceeding or being less than those stated in the Scope of Works. Such increase and decrease of quantities to be recorded in the Measurement Book and duly certified by Authority's Representative as per clause 2.6.

## 2.6 Measurement and Modifications

**(i) Quantities in Contract:** The quantities set out in the contract (Schedule-10, BOQ) are the estimated quantities of the Works, and they shall not be taken as the actual and correct quantities of the Works to be executed by the Contractor to fulfil his obligations under the Contract. Payment shall be made for the actual quantities deployed/ delivered; however, payments shall not be made for quantities over and above those indicated in the Contract unless extra quantity has been approved in a written order by the Authority or Authority's representatives.

**(ii) Measurements:**

- a. The measurement sheets or measurement books (called MB hereinafter) is the initial record of works accounts and is the basis of all accounts of quantities of work done by the Contractor ("**Measurement Book**"). The payment for all works done and for all materials received through a contract shall be made on the basis of detailed measurements recorded in MB. MB shall be maintained very carefully and accurately as these may have to be required for all billing purposes.
- b. The Authority and/or Authority's representative and/or DTA shall take joint measurements of the work as it progresses and record them directly in the MB.
- c. It shall be ensured that the method of measurements is in accordance with the Contract. Any point of disagreement/dispute with the agency pertaining to mode of measurements shall be promptly referred to the Authority
- d. Extra/deviated items, as claimed by the Contractor, shall not be recorded in MB until they are approved by the Authority.

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- e. The items or measurement shall be authenticated / signed after the procurement or installation or execution, as the case may be, by concerned parties.
  - f. Work at different levels/facilities/floors shall be kept scrupulously separate. Location notes should be made opposite the respective dimension entries on MB.
  - g. Checking of measurements shall be as under. It shall not be brief and should reveal errors, accidental or deliberate, by the staff. It should also serve as a process of instructions to junior staff.
  - h. The initial record of measurements will be done by the Authority's representative and/ or DTA along with Contractor's authorized representatives.
  - i. All measurements should be recorded neatly and directly in the MB at the site of work. Measurement Book should be shared fortnightly with the DTA and Authority. The Authority's engineer-in-charge shall be responsible for checking the MB including any hidden measurements.

(iii) **Measurements for inadmissible items:** In case of items which are claimed by the Contractor but are not admissible, measurements should be taken for record purposes only and without prejudice so that in case it is subsequently decided to advise the Contractor, there should be no difficulty in determining the quantities of such items. A suitable reason should however be made against such measurements to ensure that payments are not made in the ordinary way.

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## ARTICLE 3: CONDITIONS PRECEDENT

### 3.1 Conditions Precedent

- 3.1.1 Save and except as expressly provided in Article 3 or unless the context otherwise requires, the respective rights and obligations of the Parties under this Contract shall be subject to the satisfaction in full of the conditions precedent specified in this Clause 3.1 (the "**Conditions Precedent**").
- 3.1.2 The Contractor may, at any time upon fulfilling its Conditions Precedent specified in Clause 3.1.3, by notice require the Authority to satisfy any or all of the Conditions Precedent set forth in this Clause 3.1.2 within a period of 15 (fifteen) days of the notice, or such longer period not exceeding 30 (thirty) days as may be specified therein, and the Conditions Precedent required to be satisfied by the Authority shall be deemed to have been fulfilled when the Authority shall have procured for the Contractor the Right of Way to the Site in accordance with the provisions of Clause 7.2.
- 3.1.3 The Conditions Precedent required to be satisfied by the Contractor within a period of 15 (fifteen) days from the Effective Date or such longer period not exceeding 30 (thirty) days as may be agreed in writing by the Authority, as the case may be, shall be deemed to have been fulfilled when the Contractor shall have:
- (a) procured all the required Approvals to start the work unconditionally or if subject to conditions then all such conditions shall have been satisfied in full and such Approvals are in full force and effect;
  - (b) provided to the Authority, the Performance Security as per clause 5.1 of this Contract.
- 3.1.4 Upon request in writing by any of the Parties, the other Party may, in its discretion, waive any of the Conditions Precedent set forth in this Article 3 or permit additional time to meet any of the Conditions Precedent set forth in this Article 3; and no such waiver shall affect or impair any right, power or remedy that the Authority may otherwise have.
- 3.1.5 The date on which the Conditions Precedent are satisfied by the Authority and the Contractor shall be the "**Commencement Date**" for the Contract.

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### **3.2 Damages for delay by the Contractor**

In the event that (i) the Contractor does not procure fulfilment or waiver any or all of the Conditions Precedent set forth in Clause 3.1.3 within a period prescribed under said clause, and (ii) the delay has not occurred as a result of failure to fulfil the obligations under Clause 3.1.2 or other breach of this Contract by the Authority or due to Force Majeure, the Contractor shall pay to the Authority, Damages of an amount calculated at the rate of 0.1% (zero point one per cent) of the Performance Security for each day's delay until the fulfilment of such Conditions Precedent, subject to a maximum of 10% of the Performance Security. Provided that in case the Performance Security has not been furnished, the Authority shall be entitled to encash an equivalent amount towards the aforesaid Damages from the Bid Security.

### **3.3 Termination of Contract in case of failure to achieve Commencement Date**

If the Damages specified in Clause 3.2 is reached to its maximum limit, then the Authority shall have the right to immediately terminate this Contract through a written notice to the Contractor. Upon such termination, this Contract shall cease to be effective and binding on the Parties and except as provided in this Contract, neither Party shall have any further liability to each other.

However, where the limit on the Contractor's liability in Clause 3.2 has been reached or exceeded and the Contractor has failed to pay the amount of Damages due and payable by it to the Authority in accordance with Clause 3.2 within 7 (seven) days from the date of the termination notice issued by the Authority under this Clause 3.3, then notwithstanding the Termination of this Contract in accordance with this Clause 3.3, the Authority shall be entitled to encash the Bid Security or Performance Security, as the case may be and appropriate proceeds thereof as Damages.



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## ARTICLE 4: TERM OF THE CONTRACT

### 4.1 TERM OF THE CONTRACT

- 4.1.1 Subject to the terms and conditions contained hereinafter, this Contract shall come into force on and from the Commencement Date and shall end on 5<sup>th</sup> anniversary of Completion Date or on expiry of Maintenance period of major equipments (including Defect Liability Period) as per the terms of the Contract, whichever is later (“**Term**” and/or “**Contract Period**”). The term shall be divided as Construction Period and Defect Liability Period (including maintenance of major equipments).
- 4.1.2 Unless otherwise terminated in accordance with the terms of this Contract, this Contract shall remain valid for the Contractor till the expiry of the relevant Defect Liability Period as applicable to the Contractor.
- 4.1.3 The expiry or termination of this Contract shall not affect any accrued rights, obligations and liabilities of the Parties from the Commencement Date, including but not limited to those specifically provided in this Contract nor shall it affect any continuing obligations which this Contract provides either expressly or by necessary implication, which are to survive its expiry or termination.

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## ARTICLE 5: PERFORMANCE SECURITY, PERFORMANCE GUARANTEE AND RETENTION MONEY

### 5.1 Performance Security

- a. The Contractor shall, for the performance of its obligations hereunder, provide to the Authority, an irrevocable and unconditional performance bank guarantee for a sum equivalent to Rs. [●] (5% (Five) of the Contract Price) as per the format specified in Part A of Schedule 8 ("**Performance Security**"). The Contractor shall maintain and keep in force the Performance Security valid for a period of 3 (three) months after issuance of Work Completion Certificate as specified in Clause 11.6. Till the time the Performance Security is provided by the Contractor pursuant to this clause 5.1 and the same comes into effect, the Bid Security shall remain in force and effect, and upon such provision of the Performance Security pursuant hereto, the Authority shall release the Bid Security to the Contractor.
- b. The Performance Security shall be in a form and manner as may be prescribed by or approved by the Authority and shall be subject to provisions of Clauses 3.2. and 3.3. All costs associated with obtaining, providing and maintaining the relevant Performance Security shall be borne solely by the Contractor. The Contractor shall at least 30 (thirty) days before the expiry of the Performance Security replace the Performance Security with another Performance Security or extend the validity of the existing Performance Security which shall remain valid and in force till the same is released. If the Contractor fails to renew or extend the validity of its Performance Security, when required, then the Authority may encash the same in full and hold the proceeds as cash security.
- c. If the Contract Price increases for any reason whatsoever pursuant to the terms of this Contract, in that case, the Authority shall give notice and require Contractor to revise Performance Security, to ensure that they remain at a value not less than the percentages specified in Clause 5.1 and the Contractor shall comply with the same within 7(seven) days of receipt of notice.

### 5.2 Performance Guarantee

- a. The Contractor shall, for the performance of its obligations hereunder during the Maintenance Period, provide to the Authority no later than 30 (thirty) days prior to expiry of the Performance Security Period, an irrevocable and unconditional guarantee from a Nationalised Bank or any other bank specified in Government of Gujarat, GR No: FD/MSM/e-file/4//2023/0057/D.M.O. dated April 21, 2023 (and as amended from time to time) for a sum equivalent to Rs. [●] (5% (Five) of the Contract Price) in the form set forth in Part B of Schedule 8 (the "**Performance Guarantee**"). Until such time the

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Performance Guarantee is provided by the Contractor pursuant hereto and the same comes into effect, the Performance Security shall remain in force and effect, and upon such provision of the Performance Guarantee pursuant hereto, the Authority shall release the Performance Security to the Contractor. If the Contractor fails to renew or extend the validity of its Performance Guarantee, when required, then the Authority may encash the same in full and hold the proceeds as cash security. It is clarified that during the Maintenance Period, the value of Performance Guarantee will be progressively reduced by 20% of the Performance Guarantee's value upon expiry of each year of Maintenance Period.

- b. Notwithstanding anything to the contrary contained in this Agreement, in the event Performance Guarantee is not provided by the Contractor within a period of 30 (thirty) days prior to expiry of the Performance Security Period, the Authority may encash the Performance Security and appropriate the proceeds thereof as Damages, and thereupon all rights, privileges, claims and entitlements of the Contractor under or arising out of this Agreement shall be deemed to have been waived by, and to have ceased with the concurrence of the Contractor, and this Agreement shall be deemed to have been terminated by mutual agreement of the Parties.
- c. The Performance Guarantee shall remain in force till the expiry of 90 (ninety) days from the end of Maintenance Period and shall be released after 60 (sixty) days of its expiry ("Performance Guarantee Period").

### 5.3 **Appropriation of Performance Security or Performance Guarantee**

5.3.1 The Authority shall have the absolute and unqualified right to encash and draw down the amount of Performance Security and/or Performance Guarantee, as the case may be, in terms of this Article 5, including but not limited to:

- i. at any time if the Contractor has failed to observe any of the terms, conditions or provisions of this Contract or perform any of its obligations under this Contract.; or
- ii. upon occurrence of a Contractor's event of default described in Clause 16.1.1; or
- iii. at any time if the Contractor has failed to mobilize the Contractor's Personnel, machinery and requisite infrastructure for undertaking the Works in terms of this Contract to the satisfaction of Authority; or
- iv. on or after the date which is [30 (thirty) days] prior to the scheduled expiration of such Performance Security and/or Performance Guarantee if on such date the Authority is not yet obliged under this Contract to release such Performance Security and/or Performance Guarantee but the Contractor has not provided replacement Performance Security and/or Performance Guarantee conforming to the terms of this Contract.

5.3.2 Upon such encashment and appropriation from the Performance Security and/or Performance Guarantee, the Contractor shall, within 30 (thirty) days thereof,

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replenish, in case of partial appropriation, to its original level the Performance Security and/or Performance Guarantee, and in case of appropriation of the entire Performance Security and/or Performance Guarantee provide a fresh Performance Security and/or Performance Guarantee, as the case may be, and the Contractor shall, within the time so granted, replenish or furnish fresh Performance Security and/or Performance Guarantee as aforesaid failing which the Authority shall be entitled to terminate the Contract in accordance with Article 16 Contractor shall be entitled to an additional Cure Period of 30 (thirty) days for remedying the default mentioned in Clause 5.5.1, and in the event of the Contractor not curing its default within such Cure Period, the Authority shall be entitled to encash and appropriate such Performance Security and/or Performance Guarantee as Damages, and to terminate this Contract in accordance with Article 16.

#### **5.4 Release of Performance Security**

The Authority shall release the Performance Guarantee within 90 (ninety) days of the expiry of the Defects Liability Period or the extended Defects Liability Period, as the case may be, under this Contract. Notwithstanding the aforesaid, the Parties agree that the Authority shall not be obliged to release the Performance Guarantee until all Defects identified during the Defects Liability Period or the extended Defects Liability Period, as the case may be, have been rectified. The Authority shall release Performance Security within 30 (thirty) days after the receipt of Performance Guarantee.

**5.5** The Contractor agrees and acknowledges, and shall ensure that the Performance Security shall be assignable by the Authority.

#### **5.6 Retention Money**

- i. For works carried out on monthly basis, effective payment shall be made in accordance with the provisions of Schedule 6 (the "**Retention Money**").
- ii. Upon occurrence of a Contractor's Default during the Term, the Authority shall, without prejudice to its other rights and remedies hereunder or in law, be entitled to appropriate the relevant amounts from the Retention Money as Damages for such Contractor's Default.
- iii. The Retention Money shall remain in force and effect for a period of 3 (three) months from issuance of Works Completion Certificate, subject to adjustment as provided in this Clause 5.9. However, the Authority shall have right to retain balance Retention Money, up to satisfactory completion of Works as per the Authority, for a maximum period of 6 (six) months from the date of Works Completion Certificate.
- iv. The Parties agree that in the event of termination of this Contract, the Retention Money specified in this Clause 5.9 shall be treated as if they are Performance

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Security and shall be reckoned as such for the purposes of Termination Payment under Article 16.

### **5.7 Additional Performance Security**

The successful Bidder shall also furnish to the Authority an irrevocable and unconditional guarantee from a Bank in the same format as provided in Schedule 8 towards an Additional Performance Security (The “Additional Performance Security”) for an amount calculated as under:

- i. If the Contract Price offered by the Selected Bidder is lower than 10% but upto 20% of the Estimated Cost of Project, then the Additional Performance Security shall be calculated @ 20% of the difference in the (i) Estimated Cost of Project (as mentioned in Bid Document) - Minus 10% of the Estimated Cost of Project and (ii) Contract Price offered by the selected Bidder.
- ii. If the Contract Price offered by the Selected Bidder is lower than 20% of the Estimated Project Cost, then the Additional Performance Security shall be calculated @ 30% of the difference in the (i) Estimated Project Cost (as mentioned in Bid Document) - Minus 10% of the Estimated Project Cost and (ii) Contract Price offered by the selected Bidder.
- iii. This Additional Performance Security shall be in accordance with clause 5.2.

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## **ARTICLE 6: Representations and Warranties**

### **6.1 Representations and Warranties of the Contractor**

The Contractor hereby represents and warrants to the other Party as follows:

#### **6.1.1 Due Organisation**

It is a company/trust/society/firm/sole proprietorship<sup>3</sup> duly organised, validly existing and in good standing under the Applicable Laws of the jurisdiction where it is incorporated and has all requisite power and authority to own and operate its business and properties and to carry on its business as such business is now being conducted and is duly qualified to do business in India and in any other jurisdiction in which its performance of the Contract makes such qualification necessary.

#### **6.1.2 Due Authorization; Binding Obligation**

It has full power and authority to execute and deliver the Contract and to perform its obligations hereunder, and the execution, delivery and performance of the Contract by it have been duly authorized by all necessary action on its part. This Contract has been duly executed and delivered by it and is such Party's legal, valid and binding obligation enforceable in accordance with its terms.

#### **6.1.3 No Insolvency**

It is not in liquidation or subject to an administration order and no administrator, administrative receiver or receiver has been appointed over the whole or a substantial part of its property, assets or undertaking, and no equivalent or analogous event has occurred.

#### **6.1.4 Non-Contravention**

The execution, delivery and performance of the Contract by it and the consummation of the transactions contemplated hereby do not and will not contravene the certificate of incorporation, constitutional documents, or by-laws of such Party, and do not and will not conflict with or result in a breach of or default under any indenture, mortgage, lease, agreement, instrument, judgment, decree, order or ruling to which such Party is a party or by which it or any of its properties is bound or affected.

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<sup>3</sup> Mention relevant nature of entity

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### 6.1.5 **Commercial Interest**

The execution and performance of the Contract by it is in its commercial interest and to its corporate benefit and it has assessed and satisfied itself as to the existence of such corporate benefit.

### 6.1.6 **Regulatory Approvals**

All Approvals including governmental or other authorisations, approvals, orders or consents required (if any) in connection with the execution, delivery and performance of the Contract by it have been obtained (or will be obtained in a timely manner) to allow Completion of the Works during the Term.

### 6.1.7 **Compliance with Applicable Laws**

It has not contravened any Applicable Laws or conditions of any Approvals granted to it, as on the Effective Date, which contravention would have an adverse effect on the Project or any license, registration, permission, consent or approval held by it in relation to the Project. Further, it has not violated any intellectual property right related laws, rules and regulations, nor does any infringement of any intellectual property rights of any third party exist.

## 6.2 **Representations and Warranties of the Authority**

The Authority represents, warrants, and covenants to the Contractor that:

- (a) it has full power and authority to execute, deliver and perform its obligations under this Contract and to carry out the transactions contemplated herein and that it has taken all actions necessary to execute this Contract, exercise its rights and perform its obligations, under this Contract;
- (b) it has taken all necessary actions under Applicable Laws to authorise the execution, delivery and performance of this Contract;
- (c) it has the financial standing and capacity to perform its obligations under this Contract;
- (d) this Contract constitutes a legal, valid and binding obligation enforceable against it in accordance with the terms hereof;
- (e) it has no knowledge of any violation or default with respect to any order, writ, injunction or any decree of any court or any legally binding order of any Government Instrumentality which may result in any material adverse effect on the Authority's ability to perform its obligations under this Contract; and

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- (f) it has good, legal and valid right and title to the Site, and has the power and authority to handover the Site to the Contractor for the development of the Project in accordance with the terms of this Contract.

### **6.3 Continuing Representations**

Each representation and warranty given by the Parties in this Article 6 (Representations and Warranties) and elsewhere in the Contract shall be deemed repeated on a continuing basis throughout the term of the Contract.

### **6.4 Disclosure**

In the event that any occurrence or circumstance comes to the attention of either Party that renders any of its aforesaid representations or warranties untrue or incorrect, such Party shall immediately notify the other Party of the same. Such notification shall not have the effect of remedying any breach of the representation or warranty that has been found to be untrue or incorrect nor shall it adversely affect or waive any obligation of either Party under this Contract.

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## **ARTICLE 7: OBLIGATION OF THE AUTHORITY**

### **7. OBLIGATIONS OF THE AUTHORITY**

7.1 The Authority shall, at its own cost and expense, undertake, comply with and perform all its obligations set out in this Contract or arising hereunder.

7.2 The Authority shall be responsible by itself or through its representative for the correctness of the Scope of the Project, Technical Specifications and Standards and the criteria for Testing of the completed Works.

#### **7.3 Approvals**

The Authority shall provide all required assistance and support to the Contractor that may be required under law or otherwise for obtaining all Approvals which are required for the Authority to develop, construct, own and operate the Project. It is agreed and acknowledged by the Parties that the responsibility of obtaining all required Approvals shall be with the Contractor, who shall obtain such Approvals in the name of the Authority including but not limited to NoC, building construction permission and building use permission. However, the Authority shall borne the statutory fees required for such approvals. It is further clarified that, the cost towards the liaising, documentation and etc. shall be borne by the Contractor. It is also acknowledged by the Contractor that the Authority shall not in any way be responsible for the timely procurement of the Approvals so long as the Authority has provided its assistance as and when required by the Contractor.

#### **7.4 Procurement of Right of Way**

7.4.1 The Authority, in accordance with the terms and conditions set forth herein, hereby grants to the Contractor, commencing from the Commencement Date, licence rights in respect of the Site (along with any buildings, constructions or immovable assets, if any, thereon) comprising the Site which is described, delineated and shown in the Schedule 2 hereto on an "as is where is" basis, free of any encumbrances, to undertake the Project, together with all and singular rights, liberties, privileges, easements and appurtenances whatsoever to the said Site, hereditaments or premises or any part thereof belonging to or in any way appurtenant thereto or enjoyed therewith, for the duration of the Term, for the purposes permitted under this Contract, and for no other purpose whatsoever.

The Contractor shall be responsible for making their own arrangement for drawing water and electricity from the single interconnection point provided by the Authority. In case of non-availability, the Contractor shall have to make the arrangement for drawing water and electricity with necessary approval from authority. The application

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for electricity and water (if applicable) must be obtained in the name of the Authority. However, water and electricity meters shall be installed and maintained by the Contractor on its own cost. The electricity and water charges during the entire term of contract shall be borne by the Contractor. In case water or electricity charges are paid by the Authority, then based on the utilization amount of the respective utility, the Contractor shall be required to reimburse the relevant amount to the Authority by the way of pro-rata adjustment of the utilization amount from monthly payments, and the Contractor hereby unconditionally agrees to the same. Reimbursement shall be at the utilization rate as notified by the Authority in writing. Site illumination shall be responsibility of the Contractor.

It is further clarified that all liasoning and coordination with the concerned departments (if required) to obtain the connection will be the responsibility of the Contractor.

All equipment like switches, power backup machines, DG or anything else required for the operation shall be procured and maintained by the Contractor on its own cost and with prior approval from the Authority. The same shall be placed/ stored within the Project Site.

7.4.2 The Authority shall provide space for accommodating all the equipment and components required for the Works throughout the term. The location and the area of the same shall be mutually decided by the Authority and the Contractor. . In case, the Contractor required additional space from the approved space allotted by the Authority then Contractor shall make their own arrangement at their own cost and Authority is not liable to provide any additional space.

7.4.3 **Intentionally Deleted**

7.5 **Authority's Representative**

7.5.1 The Authority shall appoint a duly authorised representative ("**Authority's Representative**") to act on its behalf under this Contract. The Authority's Representative shall be such person whose name, address, contact number and designation have been provided in Schedule 5 (Authority's Representative).

The Authority's Representative shall carry out the duties assigned to them, and shall exercise the authority delegated to them, by the Authority. Unless and until the Authority notifies the Contractor otherwise by written notice, the Authority's Representative shall be deemed to have the full authority of the Authority under this Contract, except in respect of termination by the Authority under Clause 16.1 (Termination for Contractor's Default).

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If the Authority wishes to replace any person appointed as Authority's Representative, the Authority shall, within 2 (two) days of such replacement, give Contractor notice of the substituted Authorized Representatives name, address, duties and authority, and of the date of appointment.

However, it is acknowledged by the Contractor that any action, omission or failure to take action on part of the Authority's Representative under this Clause 7.5 shall not in any way relieve the Contractor from its obligations under this Contract.

7.5.2 The Authority at its own cost and expense, has appointed a Design and Technical Agency (“DTA”) to be the independent consultant under this Contract to monitor the Project during the Term. The DTA shall discharge its duties and functions substantially in accordance with Article 13 and the terms of reference set forth in Schedule 9. The Design and Technical Agency for the Project is M/s Suresh Goel and Associates.

7.5.3 The Authority may also engage or appoint its engineer(s) or its official(s) to observe and monitor the Project during the Term of the Contract.

#### 7.6 **Other Authority's Personnel**

The Authority or the Authority's Representative may, from time to time, assign duties and delegate authority to assistants, and may also revoke such assignment or delegation. These assistants may include a resident engineer and/or independent inspectors appointed to inspect and/or test items of equipment and/or materials. The assignment, delegation or revocation shall not take effect until a copy each of such assignment, delegation or revocation has been received by the Contractor. Assistants shall be suitably qualified persons, who are competent to carry out these duties and exercise this authority.

#### 7.7 **Delegated Persons**

The Authority's Representative and assistants, to whom duties have been assigned or authority has been delegated, shall only be authorised to issue instructions to the Contractor to the extent defined by the delegation and disclosed to the Contractor in writing. Any approval, check, certificate, consent, examination, inspection, instruction, notice, proposal, request, test, or similar act by a delegated person, in accordance with the delegation, shall have the same effect as though the act had been an act of the Authority.

#### 7.8 **Payments**

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The Authority shall make payments to the Contractor in accordance with Article10 (Contract Price and Payment) in consideration of the Contractor performing the Scope of Project and other obligations under this Contract for the Project.

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## **ARTICLE 8: OBLIGATIONS OF THE CONTRACTOR**

### **8. OBLIGATIONS OF THE CONTRACTOR**

#### **8.1 General Obligations of the Contractor**

##### **8.1.1 Performance of Scope of Project**

The Contractor hereby acknowledges and agrees that it shall perform the Works forming part of the Scope of Project in accordance with this Contract, Schedule 2 (Scope of Works), Schedule 3 (Technical Specifications and Standards), Schedule 10 (Bill of Quantities) and Applicable Laws.

##### **8.1.2 Site Data**

The Contractor shall be responsible for obtaining all necessary information as to risks, contingencies and other circumstances which may influence or affect the Contractor and its performance of Scope of Project. The Contractor is deemed to have inspected and examined the Site, its surroundings, and other available information, and to satisfy themselves about the Scope of Project under this Contract, including, without limitation:

- (a) the form and nature of the Site, including sub-surface conditions, local conditions etc.;
- (b) the hydrological and climatic conditions;
- (c) the extent and nature of services and goods necessary for the execution and Completion of the Works and the remedying of any defect;
- (d) the Applicable Laws, procedures and labour practices of the state in which the Project shall be located; and
- (e) the Contractor's requirements for access, accommodation, facilities, personnel, power, transport, water and other services.
- (f) The Contractor needs to ensure he has studied all existing and proposed design, all relevant data, all documents, and any other details with required to complete the project. In case of any clarification required in any of details, Contractor is required to ask the same in pre-bid conference prior to execution of this Contract.

The Contractor shall be responsible for verifying and interpreting all such data and the Authority shall have no responsibility for the accuracy, sufficiency or completeness of any such data.

##### **8.1.2A Approvals for the Project**

The Contractor shall in addition to its obligations elsewhere set out in this Contract:

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- i. Make or cause to be made, necessary applications to the relevant Governmental Instrumentality with such particulars and details as may be required for obtaining the required Approvals and obtain and keep in force and effect such Approvals in conformity with the Applicable Laws as are required to perform its obligations under this Contract; and procure as required, the appropriate proprietary rights, licenses, agreements and permissions for materials, methods, processes and systems used or incorporated into the Works.
  - ii. The Authority will reimburse the Contractor for the statutory costs incurred in obtaining the necessary Approvals like BU Certificate, Fire NOC, Lift NOC, Electrical and Equipment NOC if any, Fitness certificate for rides if any etc. However, all expenses related to liaison and coordination with relevant authorities for seeking Approvals shall be the responsibility of the Contractor. The Contractor is required to seek Approvals, regardless of whether such requirement is explicitly mentioned in the BOQ.
  - iii. The Contractor shall submit to the Authority, copies of all such Approvals required to be obtained by the Contractor and have been obtained by them.
  - iv. The Contractor shall procure and provide Authority MoU(s) with companies (Shortlisted companies as per Make list) of major equipment's including Lift, HVAC, Transformer, DG Set, ELV, BMS etc as required by Authority including 5-year O&M.

#### **8.1.3 Compliance with Applicable Laws**

The Contractor is expected to know all the Applicable Laws related to its Scope of Project and its obligations under this Contract, and shall undertake the Project in accordance with the Applicable Laws. The Contractor shall comply with the terms and conditions of all Approvals in the performance of its obligations under this Contract.

The Contractor shall submit to the Authority, copies of all such Approvals required to be obtained by the Contractor and have been obtained by them.

#### **8.1.4 Conduct**

The Contractor shall at all times during the progress of the Contract use its best endeavours to prevent any unlawful, riotous or disorderly conduct or behaviour by or amongst its employees and the labour of its Subcontractors.

#### **8.1.5 Labour and Other Statutory Compliance**

The Contractor shall in respect of employees/workers employed by it either directly or through any of its Subcontractors for execution of the Scope of Project, comply with all Applicable Laws including relevant labour laws for such employment.

The Contractor shall provide and maintain such accommodation and amenities, as it may consider necessary for all its staff and labour, employed / engaged for the purpose of or

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in connection with the Contract, including all fencing, water supply (both for drinking and other purposes), electricity supply, sanitation, cookhouses, fire prevention and firefighting equipment, and other requirements in connection with such accommodation or amenities in compliance with the Good Industry Practice. The Contractor shall be responsible for the development, safety, housekeeping, and security of the allotted space, in case allotted by authority and shall be liable for damages in case of non-compliance towards the safety, housekeeping, and security of the allotted space.

If the Contractor intends to use Authority's land for stacking materials as well as for construction of temporary hutments etc. rent will be recovered from the Contractor. The rent will be recovered as per the table below:

Sl. No.	Area	Rates
1.	One hectare or less	Rs 5 Per Month
2.	More than 1 hectare & upto 2 hectares	Rs 10 Per Month
3.	More than 2 hectare & upto 3 hectares	Rs 15 Per Month
4.	More than 3 hectare & upto 4 hectares	Rs 20 Per Month

The area and location of the space shall be mutually decided between the Authority and Contractor and decision of the Authority shall be final in this regard. If Authority intends to develop the allocated space for the new development of the facilities or any other purposes, then Authority reserves the right to ask the Contractor to vacate the allotted space and Contractor needs to develop the labor colony to new location.

The Contractor shall be responsible for obtaining and maintaining the statutory license as per local municipal laws for the development and maintenance of the labor colony. The Contractor shall also ensure that all the labor residing and working in campus shall have necessary police verification. For Labor Colony, the Contractor shall be responsible for making their own arrangements for drawing water and electricity from single point of connection. In case the same is provided by the authority in any place in the campus the same shall be on chargeable basis.

#### 8.1.6 Obligations relating to Contractor's Personnel

The Contractor shall ensure and procure that the personnel engaged by it or by its Sub-contractors for performance of its obligations under this Agreement are at all times appropriately qualified, skilled and experienced in their respective functions in conformity with Applicable Laws and Good Industry Practice.

The Authority's engineer may, for reasons to be specified in writing, direct the Contractor to remove any member of the Contractor's or Sub-contractor's personnel from the Project provided that any such direction issued by the Authority's engineer shall specify the reasons for the removal of such person.

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The Contractor shall, on receiving a direction from the Authority's engineer under the provisions of the above stated clause, ensure and procure the removal of such person or persons from the Project with immediate effect. The Contractor shall further ensure that such persons have no further connection with the Project.

#### **8.1.7 Obligations relating to Contractor's care of the Works**

The Contractor shall bear full risk in and take full responsibility for the care of Works, and of Materials, goods and equipment for incorporation therein, on and from the Commencement Date and until issuance Completion Certificate, with respect to the Works referred to in the Scope of Work.

#### **8.1.8 Co-operation**

The Contractor shall, as specified in this Contract or as instructed by the Authority, allow appropriate opportunities for carrying out work to:

- (a) the Authority's personnel;
- (b) any other Contractors employed by the Authority; and
- (c) the personnel of any legally constituted public authorities who may be employed in the execution on or near the Site of any work not included in the Contract.

If, under the Contract, the Authority is required to give the Contractor possession of any foundation, structure, plant or means of access in accordance with Contractor's Documents, the Contractor shall submit such documents to the Authority in the time and manner stated in the Authority's requirements.

#### **8.1.9 Quality Assurance**

The Contractor shall ensure quality assurance and demonstrate compliance with the requirements of the Contract in accordance with the terms contained in this Contract. The Authority shall be entitled to inspect any aspect to ensure compliance of this provision.

Compliance with this quality assurance provision shall not relieve the Contractor of any of its duties, obligations or responsibilities under the Contract.

The Contractor shall, within 30 (thirty) days of the Commencement Date, submit to the Authority its Quality Assurance Plan ("**QAP**") which shall include the following:

- (a) organisation, duties and responsibilities, procedures, inspections and documentation;
- (b) quality control mechanism including sampling and testing of Materials, test frequencies, standards, acceptance criteria, testing facilities, reporting, recording and interpretation of test results, approvals, check list for site activities, and proforma for



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testing and calibration in accordance with the Specifications and Standards and Good Industry Practice; and

(c) internal quality audit system.

The Authority/DTA shall convey its comments to the Contractor within a reasonable time stating the modifications, if any, required, and the Contractor shall incorporate those in the QAP to the extent required for conforming with the provisions of this Clause 8.1.8.

#### **8.1.10 Training**

The Contractor shall carry out the training of the Authority's Personnel as applicable regarding the operation of the Project including training in relation to Fire, electrical and mechanical items in the project within 2 (two) months after the completion of construction activity. During this period, personnel of the Authority would work side by side with the Contractor and Contractor's Personnel.

The minimum personnel to be deployed by the Contractor during the Term are as specified in the Programme Schedule submitted and approved by the Authority. It is further clarified that Contractor shall be responsible for the complete development of the Project within the Term, including deployment of any additional personnel as required.

#### **8.2 Other Obligations of the Contractor**

8.2.1 The Contractor shall, during the Term of this Contract, perform its Scope of Project and all other obligations under this Contract consistent with the requirements set forth in this Contract and Applicable Laws, and the terms and conditions of the applicable Approvals. The details and particulars of the Scope of Project to be performed by the Contractor under this Contract are specified in Schedule 2 (Scope of works).

8.2.2 The Contractor agrees to perform the Scope of Project and do all other things required/considered prudent so to do, in relation thereto, in accordance with the parameters set forth in Clauses 8.1 and 8.2. As part of its obligations under this Contract, the Contractor will procure and pay for, in its own name as an independent Contractor and not as an agent of the Authority, all materials, equipment, supplies, manufacturing, fabrication, services necessary in connection with performance of the Scope of Project in accordance with this Contract. All employees, representatives or Subcontractors (if any) engaged by the Contractor in connection with the performance of its Scope of Project and obligations under this Contract will be under the complete control of the Contractor and will not be deemed to be employees of the Authority, and nothing contained in this Contract or in any sub-contract awarded by the Contractor will be construed to create any contractual relationship between any such employees, representatives or Subcontractor and the Authority.

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8.2.3 The Contractor shall be solely responsible for all means, methods, techniques, sequences and procedures in connection with the performance of the Scope of Project and obligations under the provisions of this Contract. Without limiting the generality of the foregoing, the Contractor shall perform the Scope of Project:

- (a) in a continuous manner in accordance with the Programme Schedule;
- (b) in its entirety, in compliance with Applicable Laws and the applicable Technical Specifications and Standards, by using methods which are acceptable as per Good Industry Practice; and
- (c) by ensuring that all design and engineering is based on the design criteria set out in the Technical Specifications and Standards (or as may be agreed with the Authority). Failing any reference in the Technical Specifications and Standards or such agreement, the design criteria specified by the Authority shall be binding on the Contractor.

8.2.4 The Contractor shall also perform all works and services, not specifically stated in this Contract, but which:

- (a) can be reasonably inferred from this Contract as being required for the Project;
- (b) can be reasonably inferred in accordance with Good Industry Practice, that the performance or causing the performance of such works or service, was contemplated as part of this Contract; or
- (c) are necessary to enable the Contractor to fulfil its obligations under this Contract,

in each case, as if such works and services were expressly mentioned in this Contract and the same shall be considered a part of its Scope of Project and shall be performed by the Contractor, without any additional cost to the Authority.

8.2.5 The Contractor shall carry out and complete its Scope of Project in relation to its design and engineering obligations, in accordance with the Technical Specifications and Standards, Good Industry Practice, design criteria, functional specifications, , Applicable Laws and other engineering requirements and information provided by the Authority. The Contractor shall be responsible for developing such additional information, as may be required to perform the pre-engineering survey and engineering of the Project. The Contractor shall prepare the engineering documents, specifications and other supporting documents set out in its Scope of Project and submit the same to the Authority/DTA.

8.2.6 Except as otherwise expressly provided in this Contract, the Contractor agrees and acknowledges that it shall perform all its obligations and responsibilities under this Contract at its own risk, cost, and expense.

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8.2.7 In the absence of any standard specification in relation to any part of its Scope of Project, the instructions/directions of the Authority/Authority's Representative regarding all technical matters, shall be binding on the Contractor provided such instructions/directions are necessary to meet the functional requirements specified in the Technical Specification and Standards.

8.2.8 The Contractor shall at all times take all precautions to maintain the health and safety of the Contractor's Personnel, health and safety infrastructure and all necessary welfare and hygiene requirements in terms of the Applicable Laws and Good Industry Practice during the Term.

8.2.9 Care shall be taken by the Contractor during execution of the work to avoid damage to the existing structures around the Site. The Contractor shall be responsible for repairing all such damages and restoring the same to the original state at its cost. Contractor shall also remove all unwanted and waste materials arising out of the installation from the site of work from time to time.

8.2.10 All fossils, coins, articles of value or antiquity, and structures and other remains or items of geological or archeological interest found on the Site shall be placed under the care and authority of the Authority. The Contractor shall take reasonable precautions to prevent Contractor's Personnel or other persons from removing or damaging any of these findings. The Contractor shall, upon discovery of any such finding, promptly give notice to the Authority, who shall issue instructions for dealing with it. If the Contractor suffers delay and/or incurs cost from complying with the instructions, the Contractor shall give a further notice to the Authority and shall be entitled to an extension of time for any such delay, if completion is or will be delayed. After receiving this further notice, the Authority shall accordingly decide.

**8.2.11 Obligations relating to information**

Without prejudice to the provisions of Applicable Laws and this Contract, upon receiving a notice from the Authority for any information that it may reasonably require or that it considers may be necessary to enable it to perform any of its functions, the Contractor shall provide such information to the Contractor forthwith and in the manner and form required by the Authority.

After receiving a notice from the Authority for reasoned comments on the accuracy and text of any information relating to the Contractor's activities under or pursuant to this Contract which the Authority proposes to publish, the Contractor shall provide such comments to the Authority in the manner and form required by the Authority.

**8.2.12 Ethics and Corrupt Practices**

The Contractor acknowledges that the Authority and the Authority's Personnel have a longstanding reputation for honesty and integrity in their business dealings and for their policies promoting lawful and ethical behavior. The Authority is committed to

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upholding that reputation. The Authority's Personnel are prohibited from accepting bribes or kickbacks in any form and further, are prohibited from accepting goods or services provided by a Subcontractor, supplier or vendor for the personal benefit of the Authority's Personnel, his or her relatives, or any entity in which the Authority's Personnel or his or her relatives has a personal interest. This prohibition includes, but is not limited to the work performed on an Authority's Personnel's residence and applies regardless of whether the beneficiary of the goods or services pays for them. Therefore, if the Contractor offers or provides a bribe or a kickback to any Authority's Personnel, or offers or provides goods and services to any Authority's Personnel, his or her relatives, or any entity in which the Authority's Personnel or his relatives has a financial interest, the Contractor will be considered to be in material breach of the Contract.

The Contractor shall ensure that it does not give or offers to give (directly or indirectly) to any person any bribe, gift, gratuity, commission or other thing of value, as an inducement or reward:

- (a) for doing or forbearing to do any action in relation to the Contract; or
- (b) for showing or forbearing to show favour or disfavor to any person in relation to the Contract,

and shall ensure that none of the Contractor's Personnel, agents or Subcontractors gives or offers to give (directly or indirectly) to any person any such inducement or reward as is described in this clause.

The Contractor undertakes to inform the Authority of any action by any entity or person associated with the Site or the Works that the Contractor believes violates any Applicable Laws, rule or regulation or any clause of this Contract.

The Contractor's violation of any of the foregoing shall be considered as a Contractor's default, and the Authority shall be entitled to its rights and remedies under the provisions of this Contract and Applicable Laws.

The Contractor represents and warrants that the Contractor and, to the best knowledge of the Contractor after due inquiry, the Contractor's Personnel are in compliance in all respects with all Applicable Laws in relation to the construction and performance of the Works.

The Contractor represents and warrants, and undertakes to the Authority that the Contractor (nor any of their directors, officers, agents or employees), nor to the best of knowledge of the Contractor after due inquiry, none of the Contractor's Personnel, is aware of, or has taken any action while acting on behalf of the Contractor or its Subcontractors or vendors, directly and indirectly, that would result in a violation by such persons of any legislation in any jurisdiction dealing with bribery or corruption, including, without limitation, making use of the mails or any means or instrumentality of interstate commerce corruptly in furtherance of an offer, payment, promise to pay or authorization of the payment of any money, or other property, gift, promise to give,

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or authorization of the giving of anything of value to any domestic or foreign official, public authority, political party or official thereof or any candidate for any political office, in contravention of any legislation in any jurisdiction dealing with bribery or corruption.

The Contractor represents and warrants, and undertakes to the Authority that the Contractor and Contractor's Personnel have, to the best of knowledge of the Contractor after due inquiry, conducted their businesses in compliance with Applicable Laws and have instituted and maintained policies and procedures designed to ensure, and which are reasonably expected to continue to ensure, continued compliance therewith.

The Contractor represents and warrants, and undertakes to the Authority that the Contractor (nor any of their directors, officers, agents or employees) have not, and to the best of knowledge of the Contractor after due inquiry, no director, employee, agent or any other person authorized, acting on behalf of the Contractor has, directly or indirectly:

- (a) used any corporate funds (i) to offer or make any political contribution or gift for any purpose relating to any political activity that would be unlawful under Applicable Law, (ii) offered or made any payment to any governmental official that would be unlawful under Applicable Law;
- (b) made any payoff, influence payment, bribe, rebate, kickback or payment to any governmental official (whether in the form of property or services, or in any other form), that would be unlawful under Applicable Law;
- (c) committed, offered or attempted to take any of the actions described in subsections (a) and (b) hereinabove.

The provisions of this Clause shall be incorporated into any subcontract the Contractor enters into with the Subcontractor, in connection with the performance of the Work.

#### **8.2.13 Unforeseeable difficulties**

Except as otherwise specified in the Agreement:

- (a) the Contractor accepts complete responsibility for having foreseen all difficulties and costs of successfully completing the Works;
- (b) the Contract Price shall not be adjusted to take account of any unforeseen difficulties or costs; and
- (c) the Construction Completion Date shall not be adjusted to take account of any unforeseen difficulties or costs.

For the purposes of this Clause, unforeseeable difficulties include physical conditions like man-made or natural physical conditions including sub-surface and hydrological conditions which the Contractor encounters at the Site during execution of the Works.

#### **8.2.14 Other Contractor**

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The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities and the Authority. The Authority may modify any benefits from the facilities provided to the contractor, at any time, provided that the Authority shall notify the Contractor of any such modifications.

**8.2.15 Access to the Site**

The Contractor shall allow any person authorized by the Authority access to the Site, to any place where work in connection with the Contract is being carried out or is intended to be carried out and to any place where materials or plants are being manufactured/ fabricated/ assembled for the works.

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## ARTICLE 9: SUBCONTRACTORS

9.1 The Contractor shall not subcontract the whole or substantially the whole of its relevant Scope of Project and obligations under this Contract without the prior written approval of the Authority. The Contractor shall be responsible for the proper performance by the Subcontractor(s) and also be liable for the acts or defaults of its Subcontractor(s), its agents or employees, as if they were the acts or defaults of the Contractor. The Contractor shall give the Authority not less than [21(twenty one)] days' notice of:

- (a) the intended appointment of a Subcontractor, with detailed particulars which shall include its scope and other relevant experience; and
- (b) the intended commencement of Subcontractor's work.

The Authority shall review the above notice and relevant documents mentioned in this Clause 9.1 within a period of 14 days from receipt. The Authority will then either approve or reject the proposed Subcontractor to be appointed by the Contractor. The decision of the Authority shall be final in this matter.

9.2 The labour required during Term may be hired through third party entities or subcontracted without requiring any prior approval of the Authority.

9.3 The Contractor shall pay and satisfy, or cause to be paid and satisfied, all undisputed invoices and claims issued in accordance with the subcontracts of any Subcontractor in so far as they relate to the Scope of Project. The Contractor shall ensure that Subcontractors comply with the terms and conditions of, the Approvals and requirements of Applicable Laws.

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## ARTICLE 10: CONTRACT PRICE AND PAYMENT

### 10. CONTRACT PRICE AND PAYMENT

#### 10.1 Contract Price

The consideration for the Contractor for executing the Scope of Project set out in Schedule 2 (Scope of Works) of this Contract and performing its obligations under this Contract shall be the Contract Price as specified in Schedule 6 (Contract Price and Payment) of the Contract. The Contract Price shall be **excluding applicable Goods and Service Tax (GST)** but inclusive of all other applicable taxes and duties under the Applicable Laws for undertaking the Project. The Contract Price will be paid in a manner provided in Schedule 6 (Contract Price and Payment). The Contract Price is not subject to any adjustment or escalation except in consequence of situations expressly specified in this Contract. All payments of the Contract Price shall be made by the Authority to the Contractor in INR. Subject to adjustments as provided under this Contract, the Authority shall pay amounts under each Invoice directly to such bank account(s) of the Contractor, as may be instructed by the Contractor to the Authority.

10.1.1 The Contractor shall be deemed to have satisfied themselves as to the correctness and sufficiency of its Contract Price after taking into consideration all unforeseeable difficulties and costs involved in executing its Scope of Project and obligations under this Contract. Unless otherwise stated in this Contract, the Contract Price cover respectively all of the Contractor's obligations under this Contract and all things necessary for the proper design, execution and Completion of the Works during the Term and the remedying of any defects during the Defect Liability Period.

10.1.2 No payment by the Authority to the Contractor shall be deemed to constitute acceptance by the Authority of the Works or any part(s) thereof and shall not relieve the Contractor of any of its obligations under this Contract.

#### 10.2 Terms and procedure of payment of Contract Price

10.2.1 The Contractor will raise Invoice for its Scope of Project to the DTA on successful completion of Works as provided in Schedule 6 (Contract Price and Payment) of this Contract. The Invoices shall be accompanied with relevant supporting documents evidencing achievement of Works and any other documents required by the Authority/DTA in this regard. For avoidance of doubt, it is clarified that the Contractor shall, be required to submit the supporting documents to estimate the completion of Works and the value of the completed Works (in value terms) as per Schedule 6, from the Bill of Quantities in Schedule 10. The same shall be technically verified by the DTA in line with the terms of contract and submitted to the Authority with necessary recommendations. The pro-forma of the Invoice and the documents and details to accompany it, shall be mutually discussed and agreed to by the Parties, provided that



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the Contractor shall at all times ensure that invoices are raised in accordance with the relevant provisions of Applicable Laws, so as to enable the Authority to avail credit of the taxes indicated in the said invoice.

10.2.2 In the event the Authority raises any objection to the invoices raised by the Contractor, such matter shall be mutually discussed and settled in an amicable manner. Notwithstanding any such objection or dispute, the Authority shall make payment of the undisputed amount within 90 (ninety) days after receipt by the Authority of such invoice, and the disputed amount shall be paid immediately after the settlement. Further, the Authority has the right to withhold the whole or part of any payment claimed by the Contractor under the invoice (including the disputed amount under the invoice) which, in the opinion of the Authority, is necessary for protection of the Authority from loss on account of claims against the Contractor or failure by the Contractor to make due payment to the Authority, its Subcontractors or employees or not having paid taxes, dues, fees, charges etc.

For the avoidance of doubt, it is clarified that if an invoice is not accompanied by the supporting documents or if the invoice amount is disputed or withheld for any reason by the Authority in accordance with the terms of this Contract, then such amounts of the invoice shall not be due and payable by the Authority, until the dispute is resolved or the supporting documents have been provided by the Contractor, as the case may be. Further, the withholding or non-payment of any amounts by the Authority pursuant to this Clause 10.2.2 shall not constitute or be considered as Authority's Default under Clause 16.3.1 of this Contract.

Other than amounts properly withheld pursuant to Clause 10.2.2, the Authority shall pay all undisputed payments within 90 (ninety) days of receipt of the invoices along with required supporting documents, if any ("**Payment Due Date**") from the Contractor. In any case the authority shall not be liable to pay any interest on balance payment to the Contractor.

10.2.3 In event of the weight of cement in the approved Mix Design is less than the weight of cement mentioned in the description of items in the Bill of Quantity, the rate of item will be adjusted on the pro rata basis. No additional payment will be done if the weight of cement in the approved Mix Design is more than the weight of cement mentioned in the description of items in the Bill of Quantity.

10.2.4 The submission of an invoice by the Contractor shall be deemed to be a confirmation by the Contractor that it has no additional claims, except as may already have been submitted in writing, for anything that has occurred up to and including the last day of the period covered by such invoice.

10.2.5 Each Party shall be responsible for respective taxes in relation to its obligations and Scope of Project under this Contract. The Authority shall withhold from payments to be made to the Contractor, and pay to the relevant Government Instrumentality, any

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and all taxes, cess and levies required to be withheld pursuant to Applicable Laws and the Contract Price shall be deemed to include such taxes, levies or cess. A certificate for such tax deducted at source would be provided by the Authority to the Contractor immediately on deposit of such taxes with the relevant Government Instrumentality.

10.2.6 The payment for the reinforcement / steel shall be done as per the Schedule 12.

**10.3A No Payment in case of wrong execution of work**

In case Contractor executes Works in violation to the terms of the Part A (Works) of Schedule 2, Schedule 3- Technical Specifications including drawings and other terms and conditions of the Contract, then the Authority has right to withhold payments of said Works and the Contractor shall be required to rectify said Works at its own risk and cost to ensure that it shall be in adherence to terms. In case, the Authority has already made payment of such defective Works, then it shall have right to offset the said payment against subsequent amount payable by the Authority to Contractor.

**10.3 Taxes and Duties**

10.3.1 In case the Contractor desires income tax deduction as well as works contract tax at source at a lower rate, under any legislation, double taxation treaty and/ or any advance ruling, then the Contractor shall be responsible for obtaining the necessary authorization from the concerned tax authority authorising the deduction of tax at source at a lower rate/value and shall provide Authority with the original copy of such authorisation.

10.3.2 The Contractor shall be fully responsible for meeting all tax obligations that legally vest upon the Contractor and shall keep the Authority fully indemnified in this regard.

10.3.3 If the Authority is eligible for deemed export benefits, such benefits, to the extent applicable, would be passed on by the Contractor to the Authority. The Contractor will inform the Authority of the conditions required to be met/documents required to be submitted by the Authority in order to avail such benefits within reasonable timelines. Any rejection/ delay in availing such benefit, due to any default of the Contractor, would be to the Contractor's account and the Authority would be eligible for reimbursement of deemed export benefits.

10.3.4 The Authority shall deduct tax and issue the relevant certificates for tax deduction at source in accordance with Applicable Laws, from the payments made by the Authority to the Contractor.

10.3.5 All the Parties to this Project shall obtain a tax registration number with the Indian tax authorities i.e. Permanent Account Number (PAN). In case any Party does not furnish its PAN, the payer shall deduct tax at source as provided in the Income Tax Act, 1961, or in the relevant Finance Act, or at such higher rate as may be required by Section 206AA of Indian Income Tax Act, 1961, from time to time.

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10.3.6 Under this Contract, the Contractor shall furnish the requisite documents and declarations which may be required by the Authority at the time of withholding tax on payments to be made.

#### 10.4 Final Payment Statement

(i) Within 30 (thirty) days after receiving the Works Completion Certificate under Clause 11.6, the Contractor shall submit to the Authority and DTA for consideration 6 (six) copies of a Final Payment Statement (the “**Final Payment Statement**”) for Works, with supporting documents showing in detail, in the form prescribed by the DTA:

- a) the amounts received from the Authority against each claim; and
- b) any further sums which the Contractor considers due to it from the Authority.

If the DTA disagrees with or cannot verify any part of the Final Payment Statement, the Contractor shall submit such further information as the DTA may reasonably require. The DTA shall deliver to the Authority:

- i. an Interim Payment Certificate for those parts of the Final Payment Statement which are not in dispute, along with a list of disputed items which shall then be settled in accordance with the provisions of Article 18; or
- ii. a Final Payment Certificate in accordance with Clause 10.6 if there are no disputed items.

(ii) If the DTA does not prescribe the form referred to in Clause 10.4 (i) within 15 (fifteen) days of the date of issue of the Works Completion Certificate, the Contractor shall submit the statement in such form as it deems fit.

#### 10.5 Discharge

Upon submission of the Final Payment Statement for Works under Clause 10.4, the Contractor shall give to the Authority, with a copy to the DTA, a written discharge confirming that the total of the Final Payment Statement represents full and final settlement of all monies due to the Contractor in respect of this Contractor for all the Works arising out of this Contract, except for any monies due to either Party on account of any Defect. Provided that such discharge shall become effective only after the payment due has been made in accordance with the Final Payment Certificate issued pursuant to Clause 10.6.

#### 10.6 Final Payment Certificate

Within 30 (thirty) days after receipt of the Final Payment Statement for Works under Clause 10.4, and the written discharge under Clause 10.5, and there being no disputed items of claim, the DTA shall deliver to the Authority, with a copy to the Contractor, a final payment certificate (the “**Final Payment Certificate**”) stating the amount which, in the opinion of the DTA, is finally due under this Agreement or otherwise. For the avoidance of doubt, before issuing the Final Payment Certificate, the DTA shall ascertain from the Authority all amounts previously paid by the Authority and for all sums to which the Authority is entitled, the

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balance, if any, due from the Authority to the Contractor or from the Contractor to the Authority, as the case may be.

### 10.7 Price Adjustment.

Contract price shall be adjusted for increase or decrease in rates and price of materials in accordance with the following principles and procedures and as per formula given:

1. The price adjustment shall apply for the work done from the start date given in the contract data up to end of the initial intended completion date or extensions granted by the Authority and shall not apply to the work carried out beyond the stipulated time for reasons attributable to the contractor.
2. The price adjustment shall be determined during each month from the formula given in the contract data.
3. The cement and steel brought by the contractor on site of work shall be used only after the same is tested by the Authority or its representative. If such materials are not found as per the requirement of I.S. specification, the same shall be removed by the contractor for which no claim shall be entertained.

R = Total value of work done during the month. It would include the amount of secured advance granted, if any, during the month less the amount of secured advance recovered, if any during the month. It will exclude value for works executed under variations for which price adjustment will be worked separately based on the terms mutually agreed.

#### Price Adjustment for Labour:

Prices adjustment for increase or decrease in the cost due to labour shall be paid in accordance with the following formula:

$$V_L = 0.85 \times (P_L/100) \times R \times (L_i - L_0)/L_0$$

$V_L$  = Increase or decrease in the cost of work during the month under consideration due to changes in rates for local labour.

$L_0$  = The consumer price index for industrial workers for the State on 28 days preceding the scheduled date of opening of technical Bids as published by Labour Bureau, Ministry of Labour, Government of India

$L_i$  = The consumer price index for industrial workers for the State for the month under consideration as published by the Labour Bureau, Ministry of Labour, Government of India.

PL = Percentage of Labour component of the work

#### Price Adjustment for Cement:

Prices adjustment for increase or decrease in the cost of cement procured by the contractor

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$$V_c = 0.85 \times (P_c/100) \times R \times (C_i - C_0)/C_0$$

$V_c$  = Increase or decrease in the cost of work during the month under consideration due to changes in rates for cement.

$C_0$  = The all India wholesale price index for Ordinary Portland Cement on 28 days preceding the scheduled date of opening of technical bid as published by the Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry.

$C_i$  = The all India average wholesale price index for Ordinary Portland Cement for the month under consideration as published by Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry.

$P_c$  = Percentage of cement component of the work

#### **Price Adjustment for Steel:**

Prices adjustment for increase or decrease in the cost of steel procured by the contractor shall be paid in accordance with the following formula:

$$V_s = 0.85 \times (P_s/100) \times R \times (S_i - S_0)/S_0$$

$V_s$  = Increase or decrease in the cost of work during the month under consideration due to changes in rates for steel.

$S_0$  = The all India wholesale price index for steel (Mild Steel - Long Products Rebars) on 28 days preceding the date of opening of Bids as published by the Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry.

$S_i$  = The all India average wholesale price index for steel (Mild Steel - Long Products Rebars) for the month under consideration as published by Office of the Economic Adviser, Department for Promotion of Industry and Internal Trade, Ministry of Commerce & Industry.

$P_s$  = Percentage of Steel component of the work

**Note :** For the application of this clause, the index of Mild Steel- Long products Rebars has been chosen to represent the steel group

4. To the extent that full compensation for any rise or fall in costs to the contractor is not covered by the provisions of this or other clause in the contract, the unit rates and prices included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.

#### **10.8 Correction of Interim Payment Certificates**

The DTA may by an Interim Payment Certificate make any correction or modification in any previous Interim Payment Certificate issued by the DTA.

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## 10.9 Change in Law

Change in Law means the occurrence of any of the following after the Effective Date :

(a) the enactment, coming into effect, adoption, promulgation, amendment, modification or repeal (without re-enactment or consolidation) in India, of any Applicable Laws (other than levy of additional/new taxes or change in the rate of applicable taxes), including rules and regulations framed pursuant to such Applicable Laws;

(b) any change in the interpretation or application of any Applicable Laws (other than tax Laws) by any Governmental Instrumentality or any competent court of law having the legal power to interpret or apply such Applicable Laws;

(c) the imposition of a requirement for obtaining any consents, clearances and permits which was not required earlier under Applicable Laws;

(d) any change required in the terms and conditions of the Contract prescribed for obtaining any consents, clearances and permits or the inclusion of any new terms or conditions for obtaining such consents, clearances and permits; or

However, notwithstanding anything contained in this Contract, Change in Law shall not cover any change on account of any change in rate of taxes (including tax applied on the income of a Contractor) or change in tax as per Applicable Laws.

10.9.1 If as a result of Change in Law, the Contractor suffers any additional costs in the execution of the Works or in relation to the performance of its other obligations under this Contract, the Contractor shall, within 7 (seven) days from the date it becomes reasonably aware of such addition in cost, notify the Authority with a copy to the Authority Representative of such additional cost due to Change in Law. The Contractor shall also provide documentary proof of any increase in its costs for establishing the impact of Change in Law.

10.9.2 If as a result of Change in Law, the Contractor benefits from any reduction in costs for the execution of this Contract or in accordance with the provisions of this Contract, either Party shall, within 15 (fifteen) days from the date it becomes reasonably aware of such reduction in cost, notify the other Party with a copy to the Authority's Representative of such reduction in cost due to Change in Law.

10.9.3 The Authority's Representative shall, within 15 (fifteen) days from the date of receipt of the notice from the Contractor or the Authority, determine any addition or reduction to the Contract Price, as the case may be, due to the Change in Law.

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## ARTICLE 11: EXECUTION & COMPLETION OF WORKS

### 11. EXECUTION AND COMPLETION OF WORKS

#### 11.1 Execution of Works

##### 11.1.1 Commencement of Works

The execution of the Works by the Contractor shall be deemed to have been commenced from the Commencement Date.

##### 11.1.2 Programme Schedule

- i. The Contractor, in consultation with the Authority, shall prepare and submit to the Authority a consolidated programme schedule for the Works ("**Programme Schedule**") within 15 (Fifteen) days from the Commencement Date. The Programme Schedule submitted by the Contractor under this Contract shall be a base line programme and the Contractor shall be responsible to execute its Scope of Project in accordance with the Programme Schedule. Unless otherwise stated in this Contract, the Programme Schedule shall include:
  - a. Project Construction Plan in MS Project with level-4 scheduling which include but not limited to mobilization plan, procurement plan, design drawing deliverables, content approvals and execution of construction works.
  - b. The sequence and timeframe in which the Contractor will carry out the Works forming part of its scope, including the anticipated timing of each major stage of the Works;
  - c. Sequence and timeframe in which the Contractor shall do the procurement of materials, vendor etc.
  - d. The sequence and timing of inspections and tests of the completed Works specified in this Contract;
  - e. Skilled and technical manpower deployment plan
  - f. Labor deployment plan
  - g. Site logistics plan including machinery deployment
  - h. Labor colony construction and operations plan
  - i. Monthly cashflow plan
  - j. a supporting report on the progress of the Works which shall also include a general description of the methods which the Contractor intend to adopt for the execution of each major stage of the Works forming part of its scope.
  - k. Detailed Project Milestones along with the time of completion for each sub activity, clearly specifying the estimated time for their completion.

The Programme Schedule should be in line with the below provided milestone:

- Milestone 1 i.e. 10% on 136 days.

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- Milestone 1 i.e. 40% on 272 days.
  - Milestone 1 i.e. 80% on 408 days.
  - Milestone 1 i.e. 100% on 545 days.
- ii. The Authority and the Authority's Representative shall review the Programme Schedule within 21 (twenty-one) days of receipt and may either approve it or provide feedback for potential changes. The Contractor shall incorporate the suggested changes from the Authority and resubmit the revised Programme Schedule for further approval, as required. This process will continue until the Authority grants final approval to the Programme Schedule. After approval of the Authority, the timelines for completion of respective milestones shall become unconditionally binding and any delay in completion of the same that is not caused due to Force Majeure or Authority's Default, shall be liable for payment of Liquidated Damages for such delay as per Clause 11.7.
- iii. The Authority and the Authority's Representative shall be entitled to rely upon the Programme Schedule when planning its activities under this Contract. However, it is hereby clarified that the Contractor shall be solely responsible for ensuring that the Works are carried out in accordance with the Programme Schedule and are completed during the Term or as mentioned otherwise.
- iv. Without prejudice to anything contained herein, in case the Authority shall have reasonably determined that the rate of progress of Works is such that Completion of the Project is not likely to be achieved by the Completion Date, it may notify the same to the Contractor, and the Contractor shall, within 15 (fifteen) days of such notice, by a communication inform the Authority in reasonable detail about the steps it proposes to take to expedite progress and the period within which it shall achieve the Completion Date.
- v. With the consent of the Authority, the Contractor may revise the Programme Schedule from time to time considering the actual progress of the Works. However, if the Authority, within 21 (twenty-one) days after receiving a revised program schedule from the Contractor, fails to give notice to the Contractor stating its objection to the revised program schedule or highlighting the extent to which the revised program schedule does not comply with the terms of this Contract, the Contractor can proceed in accordance with the revised program schedule, subject to its other obligations under this Contract.
- vi. The Contractor shall promptly give notice to the Authority of specific probable future events or circumstances which may adversely affect or delay the execution of the Works. In this event, or if the Authority gives notice to the Contractor that a programme fails (to the extent stated) to comply with this Contract or to be consistent with actual progress, the Contractor shall submit a revised program schedule to the Authority in accordance with this clause.



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### 11.1.3 Contractor's equipment and material

- i. The Contractor shall be responsible for all materials and equipment required for the execution of its Scope of Project as per the Programme Schedule. If and when such materials and equipment are brought on to the Site shall be deemed to be exclusively intended for the execution of the Works.
- ii. The Contractor shall ensure proper safety of all workmen, material and equipment belonging to it or to the Authority or to others working at the Site. The Contractor shall also be responsible for provision of all safety notices and safety equipment required both by the Applicable Laws and the Authority. The Contractor shall also provide necessary barriers, warning signals and other safety measures while laying conduits, cables etc. or wherever necessary so as to avoid accident.
- iii. All equipment used in construction and erection by the Contractor shall meet Indian/International standards and where such standards do not exist, the Contractor shall ensure the equipment to be absolutely safe. All equipment shall be strictly operated and maintained by the Contractor in accordance with the manufacturer's operation manual and safety instructions.
- iv. The Contractor shall dispatch materials to Site in consultation with the DTA. Suitable lockable storage accommodation shall be made by Contractor at their own cost. Watch and ward shall be the responsibility of Contractor. The programme of dispatch of material shall be framed keeping in view the construction progress. Safe custody of all machinery and equipment supplied by the Contractor shall be the responsibility of the Contractor till the Term of this Contract.
- v. The Mix Design specified in the Bill of Quantities shall be tested at GERI, a government-approved laboratory, or any government institution as approved by the Engineer in Charge. The cost of testing the Mix Design shall be borne by the Contractor. No RCC work shall commence until the Mix Design has been approved by the appropriate Authority.

#### 11.1.3A Staff and Labour

- i. Engagement of Staff and Labour
  - a) The Contractor shall make its own arrangements for the engagement of all personnel and labour, local or otherwise, and for their payment, feeding and transport.
  - b) The Contractor has verified/ shall verify the identity and address of all its employees and officials related to the Works by collecting necessary documentary proof.
  - c) The Contractor shall seek a self-declaration from its employees that they have not been convicted of any criminal offence by any court and if any criminal proceedings/charge-sheets have been pending/filed against them. The Contractor shall not employ persons with criminal track record on the project. In cases where it comes to notice later that the employee concerned has concealed any such fact in his

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self-declaration or commits a criminal offence during the course of his employment, the Contractor shall remove such person from the project.

- d) The employees and personnel of the Contractor shall work under the supervision, control and direction of the Contractor and the Contractor shall be solely responsible for all negotiations with its employees and personnel relating to their salaries and benefits, and shall be responsible for assessments and monitoring of performance and for all disciplinary matters. All employees / personnel, executives engaged by the Contractor shall be in sole employment of the Contractor and the Contractor shall be solely responsible for their salaries, wages, statutory payments, etc and under no circumstances the personnel shall be deemed to be the employees of the Authority. Under no circumstances the Authority shall be liable for any payment or claim or compensation of any nature to the employees and personnel of the Contractor.

ii. Returns of Labour

The Contractor shall deliver to the Authority a detailed return in such form and at such intervals as the Authority may prescribe, showing the details including names, payment details and terms of appointment of the several classes of labour employed by the Contractor from time to time for the Works. The Contractor shall, in its returns certify that all dues of the workers or labour have been fully paid.

iii. Labour Laws

- a) The Contractor shall obtain all relevant labour registrations and comply with all relevant labour laws applying to its employees, and shall duly pay them and afford to them all their legal rights.
- b) The Contractor shall make all deductions of tax at source and all contributions to the Payment of Gratuity, Provident Fund (including Employees contribution) and Employees' State Insurance Scheme as may be required by Applicable Laws , Schedule 11 and deposit the aforesaid contributed amount with the appropriate authority/(s).
- c) The Contractor shall require all personnel engaged in the Works to obey all Applicable Laws and regulations. The Contractor shall permit Authority to witness labour payments for the Contractors direct labour, or the Subcontractors labour. The Contractor shall ensure that all its Subcontractors strictly comply with all labour laws.
- d) The Authority shall not be liable for any delay/default of the Contractor in compliance of the labour laws.

iv. Facilities for Staff and Labour

In accordance with the terms of this Contract, the Contractor shall provide and maintain all necessary accommodation and welfare facilities for personnel engaged for the Works. The Contractor shall not permit any personnel engaged for the Works to maintain any temporary or permanent living quarters within the structures forming part of the Works.

v. Health And Safety

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- a) The Contractor shall at all times take all reasonable precautions to maintain the health and safety of the Contractor's Personnel. In collaboration with local health authorities, the Contractor shall ensure that medical staff, first aid facilities, sick bay and ambulance service are available at all times at the Site and at any accommodation for Contractor's and Authority's Personnel, and that suitable arrangements are made for all necessary welfare and hygiene requirements and for the prevention of epidemics.
  - b) The Contractor shall appoint an accident prevention officer at the Site, responsible for maintaining safety and protection against accidents. This person shall be qualified for this responsibility, and shall have the authority to issue instructions and take protective measures to prevent accidents. Throughout the Term, the Contractor shall provide whatever is required by this person to exercise this responsibility and authority. The Contractor shall send, to the Authority, details of any accident as soon as practicable after its occurrence. The Contractor shall maintain records and make reports concerning health, safety and welfare of persons, and damage to property, as the Authority may reasonably require.

#### **11.1.4 Intentionally Deleted.**

#### **11.1.5 Intentionally Deleted.**

#### **11.1.6 Monitoring of Works**

The Authority or the DTA appointed by it, shall be entitled to monitor the progress of the Works during the Term as required by the Authority. The Contractor shall afford every reasonable assistance to the Authority/ DTA for doing so. However, the DTA shall not be authorized to relieve the Contractor, in any way, of its duties or obligations under this Contract.

#### **11.1.7 Progress Report**

The Contractor shall send daily progress reports to the Authority/ its representatives, covering the planned activities for the day, labour schedule, material and equipment schedule etc. The Contractor, shall also submit monthly progress reports to the Authority showing the progress of the Works under this Contract. The monthly progress reports shall be prepared by the Contractor and submitted to the Authority no later than 7 (seven) days after the close of every month in 4 (Four) copies. Each monthly progress report shall include:

- (b) charts and detailed descriptions of progress, including each stage of Completion of the Works;
- (c) photographs showing the status of progress on the Site;
- (d) safety statistics, including details of any hazardous incidents and activities relating to environmental aspects and public relations;

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- (e) comparisons of actual and planned progress, with details of any events or circumstances which may jeopardize the Completion in accordance with this Contract, and the measures being (or to be) adopted to overcome delays; and
  - (f) any other information as the Authority may require to satisfy itself about the timely Completion of the Works.
  - (g) details of work subcontracted and the performance of Sub-contractors.
  - (h) records of manpower and Contractor's equipment on the Site.
  - (i) details of any unresolved disputes or claims, in relation to the Project.
  - (j) status of various Approvals and compliance of conditions therein.
  - (k) declaration towards compliance with Applicable Laws including but not limited to environmental and labour legislations.
  - (l) details of various insurances required to be taken by the Contractor; and
  - (m) The Contractor in consultation with Authority shall make proper arrangements to carry Videography and photography of all major activities, day to day progress, hindrances etc. as per requirement of the employer without charging any additional cost to them and shall submit the same to Authority as directed.

#### 11.1.8 Contractor's Documents

- i. Contractor shall prepare and maintain a set of documents (referred to as "**Contractor's Documents**") relating to the execution of its Scope of Project. The Contractor's Documents shall comprise of the following:
  - (a) the Technical Specifications and Standards of the Works being performed by them and Test Reports;
  - (b) documents required to satisfy the terms and conditions of all regulatory Approvals under Applicable Laws pertaining to the execution of Works being performed by them;
  - (c) an up-to-date, complete set of "as-built" records of the execution of the Works, showing the exact as-built locations, sizes and details of the Works as executed As-Built Documents ("**As-Built Documents**");
  - (d) Staff training documents; and
  - (e) any other documents as may be specified by the Authority.
- ii. The Contractor shall submit a copy of its Contractor's Documents to the Authority from time to time for review. Unless otherwise stated in this Contract, each review period of the Contractor's Document by the Authority shall not exceed [21 (twenty one)] days, calculated from the date on which the Authority receives a Contractor's Document.
- iii. The Authority may, within the review period, give notice to the Contractor that the Contractor's Documents fails (to the extent stated) to comply with this Contract. If the

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Contractor's Document so fails to comply, it shall be rectified, and resubmitted for review by the Authority at the Contractor's cost.

- iv. For each part of the Works, and except to the extent that the Parties otherwise agree:
- a. execution of such part of the Works shall not commence prior to the expiry of the review periods for all the Contractor's Documents which are relevant to its design and execution;
  - b. execution of such part of the Works shall be in accordance with the Contractor's Documents, as submitted for review; and
  - c. if the Contractor wishes to modify any design or document which has previously been submitted for review, the Contractor shall immediately give notice to the Authority. Thereafter, the Contractor shall submit revised documents to the Authority in accordance with the above procedure. If errors, omissions, ambiguities, inconsistencies, inadequacies or other defects are found in the Contractor's Documents, they and the Works shall be corrected at the Contractor's cost, notwithstanding any consent or approval, by the Authority.

## 11.2 Completion of Works

Unless there is an extension of time granted by the Authority to the Contractor under the terms of this Contract for Completion of its Works, the Contractor shall, acting in a co-ordinated manner, ensure that its Works are completed and are performed in a manner such that the entire Project is completed by on or before 18 (Eighteen) months from the Commencement Date ("**Completion Date**"). However, without prejudice to the generality of the foregoing, the overall responsibility of ensuring Completion of the Project on or before the mentioned timeline will solely rest with the Contractor.

For avoidance of doubt, it is clarified that the entire or any section of the Works would be considered as complete when the execution of such Works under this Contract is complete in all respect and accepted by the Authority for the purpose of issuing the Works Completion Certificate in respect of those Works.

## 11.3 Extension in Completion Date

11.3.1 There shall be no extension in the Completion Date unless such an extension:

- (a) has been expressly agreed by the Authority under a Variation or a Contractor's Claim; and
- (b) is required due to a delay, impediment or prevention caused by or attributable to the Authority, the Authority's Personnel, or the Authority's other Contractors on the Site.
- (c) is required due to the occurrence of a Force Majeure Event.

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- (d) any other cause or delay which entitles the Contractor to time extension in accordance with the provisions of this Contract.

11.3.2 If the Contractor considers itself to be entitled to an extension for its Scope of Project due to reasons specified in Clause 11.3.1 above, Contractor shall give notice to that effect to the Authority as a Contractor's Claim. When determining each extension of time, the Authority shall review previous determinations and may accept the notice for extension on such terms and conditions as it may deem fit. If such extension in the Project is granted for the Works of the Contractor, the Completion Date for the Project shall be extended accordingly.

It is further clarified that, the Contractor shall, no later than 30 (thirty) days from the occurrence of an event or circumstance specified in Clause 11.3.1, inform the Authority by notice in writing, with a copy to the Authority, stating in reasonable detail with supporting particulars, the event or circumstances giving rise to the claim for extension in time in accordance with the provisions of this Contract. Provided that the period of 30 (thirty) days shall be calculated from the date on which the Contractor became aware, or should have become aware, of the occurrence of such an event or circumstance.

11.3.3 When any of the cases above have occurred because of the demands, the Contractor shall have to assess and justify the extension of time required to satisfy such demand or requirement of extension in the Completion Date.

11.3.4 The Authority shall, on receipt of a claim in accordance with the provisions of Clause 11.3.2, examine the claim expeditiously within the time frame specified herein. In the event the Authority requires any clarifications to examine the claim, the Authority shall seek the same, as soon as possible, from the date of receiving the claim. The Contractor shall, on the receipt of the communication of the Authority requesting for clarification, furnish the same to the Authority within 10 (ten) days thereof. The Authority shall, within a period of 30 (thirty) days from the date of receipt of such clarifications, forward in writing to the Contractor its determination of time extension. The Authority shall approve Extension of Time (EOT) with or without eligible contractual price escalation, at its sole discretion. In this process, the Contractor shall assist the Authority in every required manner to support the reasonability and necessity of such extension.

In the event of the failure of the Contractor to issue to the Authority a notice in accordance with the aforementioned timelines, the Contractor shall not be entitled to any extension in time and shall forfeit its right to any such claims in future. For the avoidance of doubt, in the event of failure of the Contractor to issue notice as specified in this Clause 11.3.2, the Authority shall be discharged from all liability in connection therewith.

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#### 11.4 Tests

The Authority and its Representatives or DTA requires the Contractor to carry out or cause to be carried out tests as per the Schedule 3B to check if it Works been completed as per the terms of this Contract and more specifically in a manner and applying the criterion as set out in the Technical Specifications and Standards. The Authority, or its designated representatives, shall be entitled to attend the tests and/or inspections conducted pursuant to this Clause 11.4.1. However, it is clarified that inspection of the Works or the presence of Authority or its designated representatives during any tests and/or inspection, shall in no way relieve the Contractor of its obligations under this Contract.

11.4.1 In accordance with the instructions of Authority and its representatives, the Contractor shall, with due diligence, carry out minimum 10% of tests at GERI. In case any of the test is not carried by GERI Labs, the testing will be done at any of the Government Institutes approved by the Authority. Remaining balance of the tests shall be done from a lab that is accredited to National Accreditation Board for Testing and Calibration Laboratories (NABL) or Government approved Lab by R&B Department. It is also necessary to carry out testing of all components, elements as per the frequency norms prescribed in Technical Specifications or as per the relevant Indian Standards. 1% of the amount of work done shall be deducted from R.A. Bill of the contractor for testing the quality of material workmanship, irrespective of actual charges.

Further, Agency has to establish testing laboratory on site for the various test to be carried out in the work for this purpose agency shall construct a pukka laboratory building with all facility on site at location specified by the engineer in charge.

11.4.2 If the Project (or any part of the Project) fails to pass any tests required for the Project (or any part of the Project), then the Authority may reject the Works or part thereof by giving notice to the Contractor giving reasons and require the Contractor to promptly make good the defects (at no extra cost to the Authority) so as to ensure that the rejected item(s) of the Works are in compliance with the Technical Specifications and the requirements of the Applicable Laws. The Contractor shall carry out remedial measures and furnish a report to Authority in this behalf. The Contractor shall carry out or cause to be carried out tests to determine that such remedial measures have brought the Works or part thereof into compliance with the Technical Specifications, and the procedure shall be repeated until such Works or part thereof conform to the Technical Specifications. For the avoidance of doubt, the cost of such tests and remedial measures shall be solely borne by the Contractor.

11.4.3 If the defects in the Works deprive the Authority of substantially the whole benefit of the Works or major part of the Works, then the Authority may terminate this Contract as a whole or in respect of such part of the Works which cannot be put to the intended use, and without prejudice to any other right under this Contract, the Authority shall

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be entitled to recover from the Contractor all sums paid for the Works or for such part, as the case maybe, plus the financing costs, if any and the costs of dismantling the same, clearing the Site and the returning the plant and materials to the Contractor.

#### **11.4.4 Rejection**

If, as a result of an inspection, measurement or testing, any plant, materials, design or workmanship is found to be defective or otherwise not in accordance with the provisions of this Contract, the Authority and its representatives shall reject the plant, materials, design or workmanship by giving notice to the Contractor, with reasons. The Contractor shall then promptly make good the defect and ensure that the rejected item complies with the requirements of this Contract.

If the Authority and its representatives requires the plant, materials, design or workmanship to be retested, the tests shall be repeated under the same terms and conditions, as applicable in each case. If the rejection and retesting cause the Authority to incur any additional costs, such cost shall be recoverable by the Authority from the Contractor; and may be deducted by the Authority from any monies due to be paid to the Contractor.

#### **11.4.5 Remedial Work**

- (i) Notwithstanding any previous test or certification, the Authority and its representatives may instruct the Contractor to:
  - a. remove from the Site and replace any plant or materials which are not in accordance with the provisions of this Contract.
  - b. remove and re-execute any work which is not in accordance with the provisions of this Contract and the Technical Specifications
- (ii) If the Contractor fails to comply with the instructions issued by the Authority and its representatives under Clause 11.4.5(i), within the time specified in the Authority and its representatives notice or as mutually agreed, the Authority have the work executed by another agency. The cost so incurred by the Authority for undertaking such work shall, without prejudice to the rights of the Authority to recover Damages in accordance with the provisions of this Contract, be recoverable from the Contractor and may be deducted by the Authority from any monies due to be paid to the Contractor.

#### **11.5 Intentionally Deleted**

#### **11.6 Works Completion Certificate**

- (i) Upon successful Completion of all Works, the Contractor shall request Authority/DTA to issue completion certificate ("**Works Completion Certificate**"). Before making such request, the Contractor shall clear all plants, equipment, surplus materials, wreckage, rubbish, and temporary work from the Site.



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(ii) The Authority shall after receiving the Contractor's notice and after being satisfied that the entire Works has been completed as per the terms of this Contract and more specifically in a manner and applying the criterion as set out in the Technical Specifications and after determining that tests are successful, and the Site has been cleared of all plants, equipment, surplus materials, wreckage, rubbish, and temporary work by the Contractor:

- (a) issue Works Completion Certificates to the Contractor for its Works as specified under the Scope of Project, stating the date on which its Works was completed in accordance with this Contract, except for any minor outstanding works and defects which will not substantially affect the use of the Project or part thereof for its intended purpose;
- (b) reject the application, giving reasons and specifying the Works required to be done to enable it to issue Works Completion Certificates. The Contractor shall then complete the Works before applying further for Works Completion Certificate.
- (c) After the Works Completion Certificate has been issued, each Party shall remain liable for the fulfilment of any obligation which remains unperformed at that time. For the purposes of determining the nature and extent of unperformed obligations, the Contract shall be deemed to remain in force.

## **11.7 Delay/ Liquidated Damages**

11.7.1 If the Contractor fails to ensure or undertake the Works due to reasons other than Force Majeure or due to a delay, impediment or prevention caused by or attributable solely to the Authority, then the Contractor shall pay to the Authority a sum equivalent to 0.1% (Zero point One percent) of Contract Price for each day of delay up to a maximum of 10% (Ten Percent) of Contract price of delay reckoned from the Completion Date or for each interim Project Milestone as defined in Clause 11.1.2 , as the case may be, and until such Completion Date is achieved; provided that if the period for any or Completion Date is extended in accordance with the provisions of this Contract, the Completion Date shall be deemed to be modified accordingly, and the provisions of this Contract shall apply as if Completion Date has been amended as above, For the avoidance of doubt, it shall be considered as liquidated damages for such delay and not as penalty, without prejudice to the Authority's other rights under the Contract or Applicable Laws.

The Authority shall notify the Contractor of its decision to impose Damages in pursuance with the provisions of this Clause 11.7.1. Provided that no deduction on account of Damages shall be effected by the Authority without notifying the Contractor of its decision to impose the Damages, and taking into consideration the representation, if any, made by the Contractor within 7 (seven) days of such notice. The Parties expressly agree that the total amount of Damages under Clause 11.7.1

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shall not exceed 10% (ten percent) of the Contract Price. If the damages exceed 10% (ten percent) of the Contract Price, the Contractor shall be deemed to be in default of this Contract having no cure and the Authority shall be entitled to terminate this Contract.

11.7.2 The payment of such damages by the Contractor shall not relieve the Contractor from its obligations to complete the Project or from any other obligation and liabilities under the Contract.

11.7.3 If the Contractor fails to pay the amount of liquidated damages within the said period of 7 (seven) days of its demand, the Authority shall be entitled to recover the said amount of the liquidated damages by invoking the Performance Security and/or Performance Guarantee. If the then Performance Security and/or Performance Guarantee is for an amount which is less than the amount of the liquidated damages payable by the Contractor to the Authority under this Clause 11.7.3, the Contractor shall be liable to forthwith pay the balance amount. For avoidance of doubt it is clarified that this clause will survive the termination or expiry of this Contract.

11.7.4 The Contractor shall comply with the Programme Schedule prepared by the Contractor (and which has been approved by the Authority), and perform its Works in such manner that the Contractor is able to ensure Completion of the Works on or before the Construction Completion Date (as may be extended under Clause 11.3).

11.7.5 Other Liquidated Damages for the Term shall be as follows:

In the case of inadequate safety measures, poor housekeeping practices and low quality of Works during the Construction Period, the following provisions for damages shall apply:

<b>Sr. No</b>	<b>Description</b>	<b>Liquidated Damages (in Rs.) (Without any Maximum Limit)</b>
1	Absence of Project Manager, Project Engineer, Sr. Civil Engineer, Structural Engineer, MEPF Engineer, per day	Rs. 2000/- per day
2	Non-Rectification/compliance of safety and Quality observations raised by the Authority and Authority representative in scheduled time	INR 2000 per instance per day

3	Absence of all manpower other than mentioned in Sr. 1, per day	Rs 1000/- per day
4	Improper Uniform/ Card	Rs.200 per instance per person per day
5	Non submission of reports (Weekly, monthly or as scheduled)	INR 2000 per instance per day
6	Improper housekeeping, cleaning, unhygienic conditions at site / labour colony/ or any other space provided to CMA	INR 2000 per instance
7	Delay in obtaining and maintaining the statutory approvals, licenses, insurance	Statutory penalty + INR 20,000 per day per approval/ license/insurance
8	Delay in submission of Programme Schedule	INR 10,000 per day
9	Non removal of Garbage from the site	Rs. 2,000/- per instance
10	Non-deployment of Machinery / Lab Testing Equipments in full working condition.	0-3 Days: NIL 4-7 Days: Rs.1,000 per equipment per day 7-14 Days: Rs.5,000 per equipment per day Then after: Rs.10,000 per equipment per day
11	Unsafe Construction and violation of Safety Standards	Rs. 2000/- per instance

Note: All Liquidated Damages' amounts, mentioned above or in the Agreement, are at the sole discretion of the Authority and are exclusive of applicable taxes.

#### 11.8 Defect Liability Period:

- i. The Scope of Project shall be subject to a cumulative Defect Liability Period (DLP) of 60(Sixty) months from the date of issuance of Works Completion Certificate. The Defect Liability Period of 60 (Sixty) months shall be inclusive of any guarantee/warranty provided by the manufacture/supplier of the Works, equipment. During the Defect Liability Period, the Contractor shall, at its own cost and

responsibility, rectify all defects in the Works performed by them in accordance with the Contract. The Authority shall notify the Contractor, in writing, regarding the Defects at the Project. The Contractor, within the time notified by the Authority as per Good Industry Practice, shall repair or rectify the Defect or deficiency.

- ii. The Contractor agrees that in the event of failure of any particular part of any equipment and/or the equipment, for more than three times during the DLP, it shall not be repaired but the complete part and/or equipment shall be replaced by the Contractor. However, during the DLP, the Contractor shall be liable for complete replacement of any equipment only once. In case it is found that the above mentioned failure is due to some connected part of the equipment, that part shall also be rectified or replaced by the Contractor to avoid such failure. For electrical motors during the DLP, if some important part of motor like starter winding shaft bearing squirrel cage, motor etc. becomes defective the Contractor shall replace the same at its own cost and no repairs shall be allowed. Until such time the defects are not remedied, Defect Liability Period shall be deemed to be extended. Any materials or Works with Defects identified as above and replaced or repaired during the Defects Liability Period or the extended Defects Liability Period, as the case may be, would be further warranted for a period of twelve (12) months from the date of completion of such repair or replacement. The Contractor shall upon termination or expiry of this Contract, or upon expiry of the Defects Liability Period, assign any outstanding benefit in respect of any subcontract or any warranty from any Subcontractor, to the Authority or to such other person as the Authority may direct.
- iii. The Contractor shall repair defects or deficiencies within the time limit mentioned below or as stated by Authority,

S.N.	Nature of defect or deficiency	Time limit for rectification
1	Breach or blockade of the pavement/ walkways/ Within the museum and the utilities building	4 hours
2	Damage to or silting of culverts and side drain during and immediately preceding the rainy season.	4 hours
3	Damages/defects in retaining wall, weep holes, apron stone pitching/culverts, cover slabs etc.	7 days
4	Any failure of the exterior lighting (including street lighting) and telecom	12 hours
5	Any failure/defect of escalators and elevators	12 hours
6	Defects in electrical/mechanical/HVAC	12 hours
7	Cracks/gaps	2 days
8	Damages in joineries/flooring, walls etc.	2 days
9	Damages to septic tank, STP	6 hours
10	Damages to tube wells & pumps including water tank	6 hours
11	Damages to CCTV and security system	4 hours
12	Damages to electrical substation/transformer	3 hours

S.N.	Nature of defect or deficiency	Time limit for rectification
13	Damages to DG set	12 hours
14	Damages to indoor and outdoor furniture	7 days
15	Projectors	1 days (repair) 7 days (replacement)
16	Server/ Network/ Wi-Fi system/ entertainment system, computer system	6 hours (repair) 7 days (replacement)
17	All other Minor repairs not mentioned above	2 days
18	All other Major repairs/replacement not mentioned above	15 days

The Contractor agrees, that in the event that the Contractor fails to repair or rectify such Defect or deficiency within the aforementioned period, the Authority at its discretion, may undertake to get the same repaired, rectified or remedied at the Contractor's cost so as to make the Project conform to the Technical Specifications and Standards and the provisions of this Contract. All costs consequent thereon shall, after due consultation with the Authority and the Contractor, be determined by the Authority. The cost so determined, and an additional amount equal to 50% (fifty per cent) of such cost as Damages, shall be recoverable by the Authority from the Contractor and may be deducted by the Authority from Performance Security and/or Performance Guarantee or subsequent bills/invoices or retention money of the Contractor.

#### 11.9 Steps before end of the Term of the Contract

The Contractor shall, 4 months prior to the expiry of Term of the Contract:

- (i) initiate steps for transfer and/or delivery of all Contractor's Documents and the property and ownership in all materials, plant and works and the Project including but not limited to intellectual properties in relation to Works and, Approvals etc. to the Authority in a manner which shall be whole, free from any encumbrances; and
- (ii) provide requisite training to the Authority's Personnel's, share all available know how, documents, services manuals, guidance notes and processes etc. regarding equipments installed in Project to the satisfaction of the Authority free of cost.
- (iii) Assist Authority on the on-boarding of operation and maintenance agency, if any.

#### 11.10 Environmental Compliance Report

The Contractor shall, if applicable, prepare and submit "Environmental Compliance Report of Stipulated Conditions of Environmental Clearance" for every six months duration of the Term and as directed by the Authority, at no additional cost. The scope of the report shall include but not be limited to:

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1. Furnish brief description of the Project,
  2. Furnish compliance of various stipulated conditions of environmental clearance as required by Ministry of Environment, Forest and Climate Change (MoEF),
  3. Test, monitor and report Ambient Air Quality, Ambient Noise, ground water quality, soil quality/conditions etc as per MoEF requirement. All tests as required shall be conducted by MoEF approved/empanelled laboratories and/or NABL laboratories as applicable, and
  4. Submit a detailed report in format as approved by the Authority.

Draft Only

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**ARTICLE 12: Intentionally Deleted**

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## **ARTICLE 13: DESIGN AND TECHNICAL AGENCY**

### **13.1 Appointment of Design and Technical Agency (DTA)**

The Authority has appointed a consulting engineering agency as the Design and Technical Agency (DTA) for the Project. The DTA shall also provide services of an independent consultant under this Contract. The term of the DTA shall be till end of Contract Period.

### **13.2 Duties and Functions**

DTA's broad scope of work shall include design of the facilities and Supervision of the work throughout the execution at site during the term. The DTA shall discharge its duties and functions substantially in accordance with terms of reference set forth in Schedule 9.

The Contractor shall provide full assistance and cooperation to the DTA, on a best effort basis, for performance of its obligations hereunder.

It is further clarified that for all the technical submissions prepared by the Contractor, a signoff/consent/instruction will be issued by the Authority at its discretion only after the review, recommendation /approval by the DTA. Any observations and/or shortcomings in the submission has to be duly evaluated, examined and/or addressed by the Contractor.

Technical submissions would among other include the following:

- a) QAP and Health Safety and Environment Plan
- b) Manufacturer shop drawings
- c) All finishing items including but not limited to acoustics, lighting and electrical fixtures, interiors, furniture, external glazing, floor finish, colors, textures, dry theming, mock-up of wall finish etc.
- d) As-built documents

### **13.3 Remuneration**

The Authority shall appoint the DTA at its own cost and expense and the DTA shall be paid directly by the Authority.

### **13.4 Dispute Resolution**

If either Party disputes any advice, instruction, decision, direction of the DTA, or failure to assert jurisdiction, the Dispute shall be resolved in accordance with the dispute resolution procedure set forth in Article 18.



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## ARTICLE 14: Insurance

14.1 During the entire Term of the Contract, the Contractor shall independently, obtain following insurance cover to secure Scope of Project under this Contract:

- (a) at its sole cost and expense, obtain, maintain and keep in full force and effect during the Term of this Contract including but not limited to insurance for Works and Contractor's equipments, against injury to persons including labour, workmen and damage to property, third party insurance etc.;
- (b) require all its Subcontractors to obtain, maintain and keep in full force and effect throughout the time during which they are engaged to perform any Works required to be performed by it including but not limited to insurance for Works performed by them and Subcontractors equipments, against injury to persons and damage to property, third party insurance etc.;
- (c) obtain, maintain and keep applicable insurance policies in accordance with the Applicable Laws, circulars issued by the Government of Gujarat and Good Industry Practice. For avoidance of doubt all applicable insurances for the Works shall be obtained by the Contractor or in the name of the Contractor; and
- (d) obtain and keep in force all the necessary insurances required for the operations of the facility (from local statutory bodies) and for its employees/Subcontractors in terms of the Applicable Laws, circulars issued by the Government of Gujarat and Good Industry Practice.

If the Contractor shall fail to effect and keep in force all insurances for which it is responsible pursuant hereto, the Authority shall have the option to either keep in force any such insurances, and pay such premia and recover the costs thereof from the Contractor by invoking its Performance Security and/or deducting the amount paid towards such premia from the Payment due to the Contractor by the Authority, or in the event of computation of a Termination Payment, treat an amount equal to the Insurance Cover as deemed to have been received by the Contractor.

14.2 Subject to the provisions of Force Majeure, the Contractor shall, in accordance with the provisions of this Contract, be liable to bear the cost of any loss or damage that does not fall within the scope of this Article 14 or cannot be recovered from the insurers.

14.2A The Contractor shall fully indemnify, hold harmless and defend the Authority from and against any and all losses, damages, costs, charges and/or claims with respect to:

- (a) the death of or injury to any person; or
- (b) the loss of or damage to any property,

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that may arise out of or in consequence of any breach by the Contractor of this Contract during the execution of the Works or the remedying of any defects therein.

#### **14.3 Proof of Insurance**

No later than 15 (fifteen) days from the Effective Date, Contractor shall provide to the Authority all certificates, documents and other proofs evidencing that the insurance which the Contractor is obliged to procure under this Contract have been procured and are in full force and effect.

#### **14.4 Deductibles**

Any and all deductibles and all losses or damages in excess of the insured limits in the insurance policies required under this Contract shall be to the account of the Contractor, unless otherwise expressly stated in this Contract.

#### **14.4 Insurance Policy Cancellation**

In case of cancellation of any insurance policy required to be carried by this Contract, or the insolvency, bankruptcy or failure of any such insurance company that has issued a policy hereunder, the Contractor shall promptly notify the Authority and obtain new insurance policies in the amounts and coverage required hereby.

#### **14.5 Alteration to the Policy Terms**

The Contractor shall not make or agree to any material alteration to the terms of any insurance policies without the prior approval of the Authority.

#### **14.6 Insurance policies not to limit Contractor's liability**

The insurance policies required to be maintained by the Contractor shall in no way affect, nor are they intended as a limitation of its obligation under the Contract.

#### **14.7 Failure to obtain insurance**

If the Contractor fails to take out and/or maintain in effect the applicable insurances required under this Contract, the Authority may take out and maintain in effect any such insurances and may from time to time deduct from any amount due to the Contractor under the Contract towards the premium of such insurances, or may otherwise recover such amount as a debt due from the Contractor and the Contract Price shall be adjusted accordingly.

#### **14.8 Loss Payee**

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The Contractor shall ensure that all such insurance policies obtained for the Project in terms of this Contract shall be endorsed in the name of the Authority, or any other person designated by the Authority, is named as the first loss payee in all insurance contracts effected by the Contractor pursuant to this Article 14.

#### **14.9 Waiver of subrogation**

All insurance policies in respect of the insurance obtained by the Contractor pursuant to this Article 14 shall include a waiver of any and all rights of subrogation or recovery of the insurers thereunder against, inter alia, the Authority, and its assigns, successors, undertakings and their subsidiaries, affiliates, employees, insurers and underwriters, and of any right of the insurers to any set-off or counterclaim or any other deduction, whether by attachment or otherwise, in respect of any liability of any such person insured under any such policy or in any way connected with any loss, liability or obligation covered by such policies of insurance.

#### **14.10 Contractor's waiver**

The Contractor hereby further releases, assigns and waives any and all rights of subrogation or recovery against, inter alia, the Authority and its assigns, undertakings and their subsidiaries, Affiliates, employees, successors, insurers and underwriters, which the Contractor may otherwise have or acquire in or from or in any way connected with any loss, liability or obligation covered by policies of insurance maintained or required to be maintained by the Contractor pursuant to this Agreement (other than third party liability insurance policies) or because of deductible clauses in or inadequacy of limits of any such policies of insurance.

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## ARTICLE 15: FORCE MAJEURE

### 15.1 Affected Party

15.1.1 Each of the Parties shall not be liable for its failure to comply with any of its obligations under this Contract to the extent, and for the period, that such failure results from a Force Majeure Event. A Party claiming a Force Majeure Event ("**Affected Party**") shall make all reasonable diligent efforts, including all reasonable expenditures, necessary to avoid, cure, mitigate or remedy the effects of a Force Majeure Event.

15.1.2 Any event of Force Majeure shall be deemed to be an event of Force Majeure affecting the Parties only if the Force Majeure event affects their ability to perform obligations as per the terms of the Contract.

### 15.2 Force Majeure

15.2.1 A '**Force Majeure/Force Majeure Event**' means any event or circumstance or combination of events and circumstances including those stated below that wholly or partly prevents or unavoidably delays an Affected Party in the performance of its obligations under this Contract, but only if and to the extent that such events or circumstances are not within the reasonable control, directly or indirectly, of the Affected Party and could not have been avoided if the Affected Party had taken reasonable care or complied with Good Industry Practices:

(a) Natural Force Majeure Events: Act of God including, but not limited to drought, fire and explosion (to the extent originating from a source external to the Site), earthquake, volcanic eruption, landslide, flood, cyclone, typhoon, tornado, or exceptionally adverse weather conditions which are in excess of the statistical measures for the last hundred (100) years.

(b) Non-Natural Force Majeure Events:

(i) Direct Non-Natural Force Majeure Events

(A) Nationalization or compulsory acquisition by any Indian Government Instrumentality of any material assets or rights of the Authority; or

(B) the unlawful, unreasonable or discriminatory revocation of or refusal to renew, any consents, clearances and permits required by the Authority to perform its obligations under any related agreement or any unlawful, unreasonable or discriminatory refusal to grant any other consents, clearances and permits required for the development of the Project, provided that a competent court of law declares the revocation or refusal to be unlawful, unreasonable and discriminatory and strikes the same down; or

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(C) any other unlawful, unreasonable or discriminatory action on the part of an Indian Government Instrumentality which is directed against the Project, provided that a competent court of law declares the action to be unlawful, unreasonable and discriminatory and strikes the same down.

(ii) Indirect Non - Natural Force Majeure Events

(A) act of war (whether declared or undeclared), invasion, armed conflict or act of foreign enemy, blockade, embargo, revolution, riot, insurrection, lockdown on account of pandemic, terrorist or military action; or

(B) radioactive contamination or ionising radiation originating from a source in India or resulting from any other Indirect Non Natural Force Majeure Event mentioned above, excluding circumstances where the source or cause of contamination or radiation is brought or has been brought into or near the Site by the Affected Party or those employed or engaged by the Affected Party; or

(C) industry wide or State-wide strikes and labour disturbances, having a nation/state wide impact in India.

### 15.3 Force Majeure Exclusions

15.3.1 Force Majeure shall not include: (a) any event or circumstance which is within the reasonable control of the Parties, and (b) the following conditions, except to the extent that they are consequences of an event of Force Majeure:

(i) Unavailability, late delivery, or changes in cost of the machinery, equipment, materials, spare parts etc. required for the Works or the Project;

(ii) Delay in the performance of any Subcontractor appointed by the Contractor or its agents;

(iii) Non-performance resulting from normal wear and tear typically experienced in transmission materials and equipment;

(iv) Strikes or labour disturbance at the facilities of the Affected Party;

(v) Insufficiency of finances or funds or the Contract becoming onerous to perform; and

(vi) Non-performance caused by, or connected with the Affected Party's:

(A) negligent or intentional acts, errors or omissions;

(B) failure to comply with an Applicable Laws; or

(C) breach of, or default under this Contract.

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#### **15.4 Notification of Force Majeure**

15.4.1 The Affected Party shall give notice to the other Party of any event of Force Majeure as soon as reasonably practicable, but not later than 7 (seven) days after the date on which such Party knew or should reasonably have known of the commencement of the event of Force Majeure. If an event of Force Majeure results in a breakdown of communications rendering it unreasonable to give notice within the applicable time limit specified herein, then the Party claiming Force Majeure shall give such notice as soon as reasonably practicable after reinstatement of communications, but not later than 1 (one) day after such reinstatement.

Provided that such notice shall be a pre-condition to the Affected Party's entitlement to claim relief under this Contract. Such notice shall include full particulars of the event of Force Majeure, its effects on the Party claiming relief and the remedial measures proposed. The Affected Party shall give the other Party regular reports on the progress of those remedial measures and such other information as the other Party may reasonably request about the Force Majeure.

15.4.2 The Affected Party shall give notice to the other Party of (i) the cessation of the relevant event of Force Majeure; and (ii) the cessation of the effects of such event of Force Majeure on the performance of its rights or obligations under this Contract, as soon as practicable after becoming aware of each of these cessations.

#### **15.5 Consequences of Force Majeure**

15.5.1 Except as expressly provided in this Contract, no Party shall be in breach of its obligations pursuant to this Contract or otherwise liable to the other Party for any hindrance or delay in performance or non-performance of any such obligations if and to the extent that such hindrance, delay or non-performance is due to a Force Majeure Event.

15.5.2 If the Contractor is prevented from performing any of its obligations under the Contract by Force Majeure of which notice has been given under Clause 15.4(Notification of Force Majeure) and Completion of the Works is or will be delayed as a result, the Contractor shall be entitled to an extension of time (but not reimbursement of any associated cost) for any such delay under Clause 11.3.

#### **15.6 Force Majeure affecting Subcontractor**

If any Subcontractor is entitled under any contract or agreement relating to the Works to relief from force majeure on terms additional to or broader than those specified in this Clause or such additional or broader force majeure events or circumstances shall not excuse the Contractor's non-performance or entitle the Contractor to any relief under this Clause.

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**15.7 Optional Termination**

If the execution of the Scope of Project by Contractor is prevented for a continuous period of 180 days by reason of Force Majeure of which notice has been given under Clause 15.4 (Notification of Force Majeure) (or for multiple periods which totals more than 180 days due to the same notified Force Majeure), then the Authority may give to the Contractor a notice of termination of this Contract. If a termination notice is issued by the Authority pursuant to this Clause 15.7, the termination shall take effect 7 (seven) days after the notice is given. Upon such termination, the Authority will be required to release the Performance Security provided by the Contractor, it being specified that the release will only be granted when all amounts payable by the Contractor under this Contract to the Authority have been irrevocably paid in full. Upon such termination, the Authority shall pay to the Contractor the amounts payable by the Authority for any Works already carried out by the Contractor in terms of the Contract.

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## ARTICLE 16: TERMINATION OF THE CONTRACT

### 16.1 Termination for Contractor's default

16.1.1 In addition to the other termination events specified in this Contract, the Authority shall have the right to terminate this Contract in relation to the Scope of Project of the Contractor, if unless the default has occurred as a result of any breach of this Contract by the Authority or due to Force Majeure, the Contractor:

- (a) fails to submit or replenish the Performance Security / Performance Guarantee in accordance with the terms of this Contract or does not comply with any notice of the Authority to make good any failure under the Contract with the date specified in such notice;
- (b) abandons any Works or services forming part of its Scope of Project or otherwise plainly demonstrates the intention not to continue performance of its obligations under the Contract;
- (c) without reasonable excuse fails to proceed with any Works or services forming part of its Scope of Project in accordance with the terms of the Contract;
- (d) the Contractor does not achieve the latest outstanding Project Milestone due in accordance with the provisions of Programme Schedule and in accordance with the terms of Contract;
- (e) the Completion Date does not occur within the specified period or any extension thereof;
- (f) the Contractor fails to rectify any Defect, the non-rectification of which shall have a Material Adverse Effect on the Project, within the time specified in this Contract or as directed by the Authority;
- (g) subcontracts the whole of the Works forming part of its Scope of Project, assigns or purports to assign its obligations under the Contract without the required agreement or consent of the Authority or in contravention of the terms of this Contract;
- (h) is in material breach of any of its obligations under this Contract;
- (i) the Contractor has failed to fulfil any obligation, for which failure termination has been specified in this Contract;
- (j) any representation or warranty of the Contractor herein contained which is, as of the date hereof, found to be materially false or the Contractor is at any time hereafter found to be in breach thereof;
- (k) the Contractor issues a termination notice in violation of this Contract; or
- (l) becomes bankrupt or insolvent, goes into liquidation, has a receiving or administration order made against it, compounds with its creditors, or carries on business under a receiver, trustee or manager for the benefit of its



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creditors, or if any act is done or event occurs which (under Applicable Laws) has a similar effect to any of these acts or events.

16.1.2 If any of the events or circumstances mentioned in Clause 16.1.1 above has been caused by reasons solely attributable to the Contractor, the Authority may by giving written notice to the Contractor require it to cause rectification of the default. If the Contractor fails to rectify such default within the next 30 (thirty) days from the date on which the notice is delivered by the Authority to the Contractor asking the latter to cure the breach or default specified in such notice (“**Cure Period**”) or any other extended period as may be agreed between the Authority and the Contractor, the Authority can terminate the Contract with immediate effect and expel the Contractor from the Site.

16.1.3 The termination of the Contract (or part of the Contract vis-à-vis the Scope of Project of the Contractor) by the Authority shall not prejudice any other rights of the Authority against the Contractor under the Contract or otherwise.

16.2 **Consequences of Termination for Contractor’s default**

Upon termination of the Contract (or part of the Contract) by the Authority vis-à-vis the Contractor under Clause 16.1, the Contractor shall immediately cease all work and services, and if applicable, vacate the Site, and submit all its Contractor’s Documents and Approvals lying with it (to the extent possible under law), to the Authority. However, the Contractor shall use its best efforts to comply immediately with any reasonable instructions included in the notice of termination (a) for the assignment of any Subcontract, and (b) for the protection of life or property or for the safety of the Project.

Upon receipt of a notice of termination and payment by the Authority of all amounts due to the Contractor within 60 (sixty) days of notice of termination, for the Scope of Work already completed under the Contract, the Contractor shall, to the extent legally possible and if Authority so requires, assign to Authority all its right, title and benefits (not obligations) under any subcontracts between it and its Subcontractors, including all warranties, performance guarantee or other continuing benefits arising under such subcontracts.

After termination, the Authority may complete the Contractor’s Scope of Project and/or arrange for any other entities to do so. The Authority and these entities may then use any Contractor’s Documents and other documents made by or on behalf of the Contractor.

The Authority shall then give notice that the Contractor's plant, machinery and other equipment (if any) will be released to the Contractor at or near the Site. The Contractor shall also promptly arrange for the removal of all its plant, machinery and other equipment (if any) from the Site at its own risk and cost. However, if the

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Contractor fails to make a payment due to the Authority under the Contract, these items may be sold by the Authority in order to recover its payment. Any balance of the proceeds shall then be paid to the Contractor.

The Authority shall be entitled to invoke the Performance Security for recovering all losses incurred by it on account of termination of the Contract under this Clause 16.2 owing to Contractor's default.

### **16.3 Termination for Authority's Default**

16.3.1 In addition to any other termination events described in the Contract, the Contractor shall be entitled to terminate the Contract to the extent of its Scope of Project if unless the default has occurred as a result of any breach of this Agreement by the Contractor or due to Force Majeure:

- a. The Authority is made bankrupt or goes into liquidation other than for a reconstructions or amalgamation.

16.3.2 In any of these events or circumstances, the Contractor may, give written notice to the Authority to rectify the default within 30 days from the date on which the notice is delivered by the Contractor to the Authority asking the latter to cure the breach or default specified in such notice ("**Cure Period**") or any other extended period as may be agreed between the Authority and the Contractor, and if the default is not rectified within the said period of 30 (thirty) days or such extended period as may be agreed to between the Parties, terminate the Contract.

16.3.3 The termination of the Contract by the Contractor shall not prejudice any other rights of the Authority, under the Contract or otherwise.

### **16.4 Consequences of Termination for Authority's Default**

16.4.1 Upon termination pursuant to Clause 16.3, the Contractor shall: (a) cease to carry out further Works (except for such works as may have been instructed by the Authority for the protection of life or property or for safety of the Project) and deliver to the Authority, the part of the Works that have been completed by it until the date of termination; (b) to the extent legally possible, assign to the Authority all right, title and benefit of the Contractor's Works as on the date of termination, and as may be required by the Authority, in any contracts concluded between the Authority and its Subcontractors; (c) deliver and handover to the Authority, Contractor's Documents prepared by it or its Subcontractors in relation to the Works, material and other works (for which the Contractor has received payment); and (d) if applicable, arrange for removal of all its plant, machinery and other equipment from the Site at its own risk and cost and cause all its employees and Subcontractors to leave the Site.

### **16.4.2 Termination Payment due to termination for Authority's default**

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As soon as practicable after a termination under Clause 16.3 has taken effect, the Authority shall subject to adjustment of any dues of Contractor, immediately return the Performance Security, provided by the Contractor and shall proceed to determine the balance amount of the Contract Price not already paid to the Contractor. The Authority shall within 60 (Sixty) days of such determination, pay the balance Contract Price to the Contractor in terms of this Contract.

#### **16.5 Release from performance under Applicable Laws**

Notwithstanding any other provision of this Contract, if any event or circumstance outside the control of the Parties (including, but not limited to Force Majeure Event) arises which makes it unlawful for any Party to fulfil its contractual obligations under the Contract or which, under the Applicable Laws governing the Contract, entitles the Party to be released from further performance of the Contract, then upon notice by either Party to the other Party of such event or circumstance:

- (a) the Parties shall be discharged from further performance, without prejudice to the rights of either Party in respect of any previous breach of the Contract, and
- (b) the sum payable by the Authority to the Contractor shall be the same as under the optional termination of the Contract by the Parties under Clause 15.7.

#### **16.6 Requirements after Termination**

Upon termination of this Contract in accordance with the provisions of this Article 16, the Contractor shall comply with and conform to the following:

- a) deliver to the Authority all Plant and Materials which shall have become the property of the Authority under this Article 16;
- b) deliver all relevant records, reports, intellectual property and other licences pertaining to the Works, other design documents;
- c) transfer and/or deliver all Approvals to the Authority to the extent permissible under Applicable Laws; and
- d) vacate the Site within 5 (five) days.

#### **16.7 Other rights and obligations of the Authority**

Upon termination of the Contract for any reason whatsoever, the Authority shall:

- (a) be deemed to have taken possession and control of the Project forthwith;
- (b) take possession and control of all the Works, materials, stores, implements, construction plants and equipment on or about the Site in relation to the Project without any encumbrances.
- (c) be entitled to restrain the Contractor and any person claiming through or under the Contractor from entering upon the Site or any part of the Project;

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- (d) take possession and control of all Approvals with the Contractor in respect of Project; and
  - (e) execute such deeds of conveyance, documents and other writings as the Authority may reasonably require for conveying, divesting and assigning all the rights, title and interest of the Contractor in the Project, including manufacturers' warranties in respect of any plant or equipment and the right to receive outstanding insurance claims, to the extent due and payable to the Authority, absolutely unto the Authority or its nominee.

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## ARTICLE 17: INDEMNITY AND LIABILITY

### 17.1 General Indemnity

The Contractor shall indemnify, defend, save and hold harmless the Authority and its officers, servants, agents, Government Instrumentalities and Government owned and/or controlled entities/enterprises, (the “**Authority Indemnified Persons**”) against any and all suits, proceedings, actions, demands and third party claims for any loss, damage, cost and expense of whatever kind and nature, whether arising out of any breach by the Contractor of any of its obligations under this Contract or from any negligence under the Contract, including any errors or deficiencies in the design documents, or tort or on any other ground whatsoever, except to the extent that any such suits, proceedings, actions, demands and claims have arisen due to any negligent act or omission, or breach or default of this Contract on the part of the Authority Indemnified Persons.

### 17.2 Indemnification by the Contractor

Without limiting the generality of Clause 17.1, during the Term of this Contract, the Contractor shall independently in relation to its specified obligations under this Contract indemnify and hold harmless the Authority and Authority Indemnified Persons against and from all claims, damages, losses and expenses (including legal fees and expenses) in respect or arising out of:

- (a) bodily injury, sickness, disease or death, of any person whatsoever arising out of or in the course of or by reason of the design, execution and Completion of the Works and the remedying of any defect, unless attributable to any default of Authority and Authority Indemnified Persons;
- (b) breach of the Contract by the Contractor;
- (c) failure of the Contractor to comply with Applicable Laws and Approvals;
- (d) damage to or loss of any property, real or personal (other than the Works), to the extent that such damage or loss:
  - (i) arises out of or in the course of or by reason of the design, execution and Completion of the Works and the remedying of any defects, and
  - (ii) is not attributable to any negligence, wilful act or breach of the Contract by the Authority, the Authority's Personnel, its agents, or anyone directly or indirectly employed by any of them.

### 17.3 Limitation of Liability

17.3.1 Neither Party shall be liable for loss of any profit/ contract nor for any indirect or consequential loss/ damage which may be suffered by the other Party under the Contract.

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17.3.2 Subject to Clause 17.3.1 above, the total liability of the Contractor to the Authority under this Article 17 shall be in case of any fraud, deliberate default or reckless misconduct be unlimited.

17.3.3 Subject to Clause 17.3.1 above, the total liability of the Authority to the Contractor under this Article 17 shall be limited to the Contract Price.

#### **17.4 Undertaking by the Contractor**

17.4.1 The Contractor unequivocally acknowledges, agrees and confirms that it shall be responsible in the performance of the obligations of the Contractor under its Scope of Project, as set out in Schedule 2 (Scope of Works) to this Contract and in conformity with Schedule 3 (Technical Specifications and Standards), so as to ensure seamless and uninterrupted interface among all obligations of the Contractor under its Scope of Project, including without limitation, the following:

- (a) achieving, in a timely manner, the milestones set out in the Contracts and performing all obligations under the Contract;
- (b) to meet the Technical Specifications and Standards and achieve Completion of the Works during the Construction Period in cost effective manner as per the terms and conditions set out in the Contract; and
- (c) correction of all defects during the Defect Liability Period.

17.4.2 Notwithstanding anything contained in this Contract, the Contractor hereby agrees and undertakes that it shall be liable for coordinating the execution of the Works and for the overall performance of this Contract, and shall not deny such liability solely on the ground that the claim was not covered under its Scope of Project. Further, the Contractor hereby undertakes and acknowledges that should any gap, deficiency or uncertainty arise with respect to the obligations of the Contractor under its Scope of Project, then such gap, deficiency or uncertainty shall be promptly remedied (or caused to be remedied) by the Contractor at no cost or expense to the Authority.

17.4.3 Notwithstanding the fact that the Contractor having diverse Scope of Project under the Contract, it is solely responsible to perform Works as per the scope of Project and obligations and the Contractor hereby agrees and undertakes to guarantee the due performance of the Contractor's Scope of Project set out in Schedule 2 (Scope of Works). The Contractor hereby agrees and confirms that in case of non-performance or inadequate performance by the Contractor of Scope of Project, the Contractor will perform (or cause performance) of such obligation without any additional cost to the Authority.

#### **17.5 Survival on Termination**

The provisions of this Article 17 shall survive Termination.

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## ARTICLE 18: CLAIMS, DISPUTE RESOLUTION & GOVERNING LAW

### 18.1. Authority's Claim

18.1.1 The Authority shall be entitled to raise a claim ("**Authority's Claim**") against the Contractor in the following cases:

- (a) If the Authority has paid any amount which is attributable to the breach of any terms and conditions of the Contract by the Contractor; and
- (b) Any other claim otherwise specifically stated so in this Contract.

In the above cases, the Authority shall give notice and particulars to the Contractor as soon as practicable but not later than 7 (seven) days after the date on which the Authority became aware of the event or circumstances giving rise to the Authority's Claim.

18.1.2 The notice of the Authority in terms of Clause 18.1.1, shall specify the particulars which form the basis of the Authority's Claim, and shall include substantiation of the amount and/or extension to which the Authority considers it is entitled in connection with such Authority's Claim. A notice relating to any extension of the Defect Liability Period shall be given before the expiry of such period. The Authority shall then proceed to agree to determine (i) the amount which the Authority is entitled to be paid by the Contractor and/or (ii) extension in the Defect Liability Period. While determining any such matter the Authority shall consult the Contractor in an endeavour to reach an agreement. If an agreement is not achieved, the Authority shall make a fair determination in accordance with this Contract, taking due regard of all relevant circumstances.

18.1.3 The Authority shall give notice to the Contractor of each agreement or determination with supporting particulars. Each Party shall give effect to each agreement or determination, unless the Contractor gives a notice to the Authority of its dissatisfaction with a determination within 14 (fourteen) days of receiving it. Either Party may then try to amicably settle the dispute.

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18.1.4 The Authority may deduct such amount from any moneys due or to become due to the Contractor or otherwise claim against the Contractor under the Contract.18.4

**18.2 Intentionally Deleted**

**18.3 Intentionally Deleted**

**18.4 Arbitration and Conciliation**

- (i) If the Contractor is of the view that a decision by the Authority's representative is inconsistent with the terms of the Contract, The Contractor shall refer such issue to the Engineer-in-Charge within 14 (fourteen) days from the date of occurrence of such.
- (ii) If the issue is not resolved, either Party may refer the matter for conciliation within 15 (fifteen) days from the date of decision by the Engineer-in-Charge. If the Parties fail to resolve the issue via conciliation, the Parties shall refer such dispute to Building Works Committee, GBU.
- (iii) If the dispute is not resolved through conciliation, either Party may refer the dispute to Gujarat Public Works Contract Dispute Arbitration Tribunal.
- (iv) The reference to arbitration proceeding under this clause shall not;
  - (a) affect the right of both the parties under the contract to take possession of all or any tools plants materials and stores in or upon the works of site thereof belonging to the Contractor or procured by him and intended to be used for the execution of the work or any part thereof.
  - (b) Preclude the Authority from utilizing the materials purchased by the Contractor in any work or from removing such materials to other places, during the period the work is stopped or suspended in pursuance of notice given to the Contractor.
  - (c) Entitle the Contractor to stop the progress of the work or the carrying out the additional or altered work in accordance with the provisions of Contract.

**18.5 Continuance of Performance**

Performance of this Contract by the Parties shall continue during any dispute resolution process referred to in this Clause 18.4.

**18.6 Governing Law and Jurisdiction**

The Contract shall be construed and interpreted in accordance with and governed by the laws of India, and subject to the provisions of Clause 18.4 the courts at Gandhinagar shall have exclusive jurisdiction over the matters arising out of or relating to this Contract.



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## **ARTICLE 19: MISCELLANEOUS PROVISIONS**

### **19.1 Confidentiality**

#### **19.1.1 Confidential Information**

All information or documentation provided by any Party to the other Party for the development of the Project in terms of this Contract, as well as the terms and conditions of this Contract (collectively "**Confidential Information**"), shall be considered as confidential and except as otherwise provided herein, may not be disclosed to third parties without the prior written consent of the disclosing Party, provided that any Party may grant access to the Confidential Information to (a) its employees and authorized Subcontractors, vendors, representatives and agents which access is necessary to fulfil the terms of this Contract, (b) the financing parties and (c) potential investors, lenders or partners in the Project (including its advisors, attorneys, consultants Contractor and other designees), who shall be bound by the terms of this confidentiality arrangements.

#### **19.1.2 Exclusions from Confidential Information**

The Confidential Information shall not include information that (a) the receiving Party can demonstrate as rightfully in its possession prior to receiving it from the other Party; (b) is or becomes publicly known through no act omission or commission of the receiving Party; (c) is approved for release by written authorization of the disclosing Party; (d) is required to be disclosed by the receiving Party pursuant to legal requirements applicable to it or a legal process (so long as prior to furnishing such Confidential Information, the receiving Party notifies the disclosing Party and gives the disclosing Party the opportunity to object to the disclosure and/or to seek a protective order); provided, however, that any Confidential Information required to be so disclosed shall retain its confidential status for all other purposes; or (e) has been rightfully furnished to the receiving Party without any restriction on use or disclosure and not in violation of the rights of the other Party.

#### **19.1.3 Survival of confidentiality obligation**

The confidentiality obligations under this Article 19 shall remain in force and effects from the Effective Date and until 24 (twenty-four) months after termination of this Contract.

### **19.2 Intellectual or industrial property rights**

The Contractor shall be responsible to ensure that there is no infringement of any all intellectual or industrial property rights covering materials, equipment, or process used in the execution of the Works in terms of this Contract. The Contractor shall alone be liable for any damage or claim for such infringement and shall keep the Authority indemnified in that regard. The Contractor shall, at its own cost and expenses, defend

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all suits or proceedings that may be instituted for alleged infringement of any such intellectual or industrial property rights. In the event of any suit or proceedings instituted against the Authority, the same shall be defended at the cost and expenses of the Contractor who shall also satisfy/comply the decree, order or award made against the Authority.

### 19.3 Notices

Any notice or other communication to be given under this Contract must be in writing and may be delivered or sent by hand delivery, post, fax or email to the Party to be served at its address as follows:

To Authority at:	To the Contractor at:
(Address)(Fax)	(Address)
(E-mail)	(Fax)
(Designated / Authority Signatory)	(E-mail)
	(Designated / Authority Signatory)

or at such other address, fax number or email address as such Party may have notified to the other Party in accordance with this Clause 19.3.

### 19.4 Authority's Instructions

The Authority may issue to the Contractor instructions which may be necessary for the Contractor to perform its obligations under the Contract. Each instruction shall be given in writing and shall state the obligations to which relates and the Sub-clause (or other term of the Contract) in which the obligations are specified. If any such instruction constitutes a Variation, Clause 2.5 shall apply.

### 19.5 Assignment and Novation

The Contractor, with prior written consent of the Authority, (i) may assign or transfer the whole or any part of the Contract or any benefit, interest, obligation or liability in or under the Contract; and (ii) may create security in favour of a bank, financial institution or other party providing financing, pledge or assign its right to any moneys due, or to become due, under the Contract.

### 19.6 Amendments

No purported alteration or amendment of this Contract shall be effective unless it is in writing, refers specifically in this Contract and is duly executed by each of the Parties to this Contract.

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## 19.7 **Entirety**

This Contract contains the entire agreement between the Parties, and supersedes all previous agreements between the Parties, relating to the transactions contemplated herein. Further, this Contract along with its clauses, schedules and annexures are intended by the Parties as the final expression of its agreement and are intended also as a complete and exclusive statement of the terms of its agreement.

## 19.8 **No waiver**

19.8.1 No waiver by any Party of any default or defaults by the other Party in the performance of any of the provisions of the Contract:

- (a) shall operate or be construed as waiver of any other or further default or defaults; and
- (b) shall be effective unless it is in writing and is duly executed by the authorized representative of such Party.

19.8.2 Neither the failure by either Party to insist on any occasion upon the performance of the terms and conditions of the Contract nor time or other indulgence granted by one Party to the other shall act as a waiver of such breach or acceptance of any variation or the relinquishment of any such right or any other right under this Contract, which shall remain in full force and effect.

## 19.9 **Assignment and Charges**

- (i) This Contract shall not be assigned by the Contractor to any person, save and except with the prior consent in writing of the Authority, which consent the Authority shall be entitled to decline without assigning any reason.
- (ii) Notwithstanding the provisions of Clause 19.9(i), the Contractor may pledge or hypothecate to its lenders, any materials or plant prior to their incorporation in the Works. Further, the Contractor may, by written notice to the Authority, assign its right to receive payments under this Agreement either absolutely or by way of charge, to any person providing financing to the Contractor in connection with the performance of the Contractor's obligations under this Contract. The Contractor acknowledges that any such assignment by the Contractor shall not relieve the Contractor from any obligations, duty or responsibility under this Contract.

## 19.10 **Severability**

The provisions contained in each clause of this Contract shall be enforceable independently of each of the others and its validity shall not be affected if any of the others are invalid.

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**19.11 Exclusion of implied warranties etc.**

This Contract expressly excludes any warranty, condition or other undertaking implied at law or by custom or otherwise arising out of any other agreement between the Parties or any representation by either Party not contained in a binding legal agreement executed by both Parties.

**19.12 Relationship of the Parties**

The Contractor is appointed by the Authority as independent Contractor dealing at arm's length, and this Contract shall not be interpreted or construed to create an association of persons, joint venture or partnership between the Parties or to impose any partnership, obligation or liability upon any Party. Notwithstanding anything contained in this Contract to the contrary, it is clarified that the intention of the Parties is not to carry on the business in common.

**19.13 Successors and assigns**

This Contract shall be binding upon, and inure to the benefit of the Parties and its successors and permitted assigns.

**19.14 Counterparts**

This Contract may be executed in any number of counterparts, whether signed originally or reproduced by facsimile, each of which shall be deemed to be an original, and all of which shall constitute one and the same instrument.

**19.15 Language**

All notices required to be given by one Party to the other Party and all other communications, documentation, proceedings and matters which are in any way relevant to this Contract shall be in writing and in English language.

**19.16 Communications**

Wherever this Contract provides for the giving or issuing of approvals, certificates, consents, determinations, notices and requests, these communications shall be:

- (a) in writing and delivered by hand (against receipt), sent by mail or courier, or transmitted using any of the agreed systems of electronic transmission as stated in Clause 19.3 (Notices); and
- (b) delivered, sent or transmitted to the address for the recipient's communications as stated in the Contract. However:
  - (i) if the recipient gives notice of another address, communications shall thereafter be delivered accordingly; and

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- (ii) if the recipient has not stated otherwise when requesting an approval or consent, communications may be sent to the address from which the request was issued.

**19.17 Stamp Duty**

This Contract shall be executed on payment of requisite stamp duty and registration fees under Applicable Law. Any stamp duty, registration charges or other fees, taxes or charges of any kind whatsoever pertaining to the execution of this Contract shall be borne by the Contractor.

**IN WITNESS WHEREOF**, intending to be legally bound hereby, the Parties have executed this Contract as of the date first set forth above.

**EXECUTED** by acting by the Authority,  
[Name], in the presence of: in the  
presence of:

.....  
[Registrar]

Witness's Signature: .....

Name: .....

Address: .....

**EXECUTED** by [Name of the  
Contractor] through [Name of the  
authorised signatory], a [Designation] in  
the presence of:

.....  
Director/Authorised Signatory/Attorney

Witness's Signature: .....

Name: .....

Address: .....

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## SCHEDULE 1 – DEFINITIONS

**“Affected Party”** shall have the meaning set forth in Clause 15.1.1;

**“Applicable Laws”** means all laws, brought into force and effect by GOI or the State Government including rules, regulations and notifications made thereunder, and judgements, decrees, injunctions, writs and orders of any court of record, applicable to this Contract and the exercise, performance and discharge of the respective rights and obligations of the Parties hereunder, as may be in force and effect during the subsistence of this Contract;

**“Applicable Permits”** means all clearances, licenses, permits, authorisations, no objection certificates, consents, approvals and exemptions required to be obtained or maintained under Applicable Laws in connection with the Project, during the subsistence of this Contract;

**“Commencement Date”** means the date on which the Conditions Precedent of both the Parties have been met or waived, as the case may be, and shall be deemed to be the date of commencement of the Term with respect to the Project;

**“Approvals”** means any authorization, clearance, license, no-objection certificate, exemption, privilege, approval, registration, permit, waiver, acknowledgement, agreement, or concession required to be obtained from or provided by any Government Instrumentality relating to the development, execution, operations and the Works or to the performance by Contractor of any obligations under this Contract;

**“As-Built Documents”** shall have the meaning set forth in Clause 11.1.8(c);

**“Authority”** means the Gujarat Biotechnology University ;

**“Authority’s Personnel”** means the Authority’s Representative and all other personnel whom the Authority utilise on Site, who may include staff, labour and other employees of the Authority and each Subcontractor appointed by the Authority itself, and any other personnel assisting the Authority during the execution of the entire Works by the Contractor;

**“Authority’s Representative”** shall have the meaning set forth in Clause 7.3;

**“Base Rate”** means the floor rate of interest announced by the State Bank of India for all its lending operations;

**“Bid Security”** means the security provided by the Contractor to the Authority along with the Bid in a sum of INR 104.5 Lakhs (Rupees One Crore and Four Lakh Fifty Thousand Only), in accordance with the Draft Tender Paper, and which is to remain in force until substituted by the Performance Security

**“Bill of Quantities”** shall be as defined in Schedule 10;

**“Change in Law”** shall have the meaning set forth in Clause 10.9;

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**“Completion”** means the testing, checking and the conduct of the various procedures by the Contractor upon completion of construction of the entire Project/Works or any part thereof in accordance with the Technical Specification and Standards, to ensure the operation of the Project;

**“Completion Date”** shall have the meaning set forth in Clause 11.2;

**“Confidential Information”** shall have the meaning set forth in Clause 19.1.1;

**“Construction Period”** means the period commencing from the Commencement Date and ending on the date of the Works Completion Certificate;

**“Contract”** means this Contract, its Recitals, the Schedules hereto and any amendments thereto made in accordance with the provisions contained in this Contract;

**“Contract Price”** means the consideration to be payable to the Contractor for execution of the Project in accordance with this Contract and as mentioned in Schedule 6 (Contract Price & Payment Milestones) of the Contract;

**“Contractor”** shall have the meaning attributed thereto in the array of Parties hereinabove as set forth in the Recitals;

**“Contractor’s Document”** shall have the meaning set forth in Clause 11.1.8;

**“Contractor’s Personnel”** means the Contractor’s Representative and all other personnel whom the Contractor utilise on Site, who may include staff, labour and other employees of the Contractor and each Subcontractor, and any other personnel assisting the Contractor in the execution of the entire Works;

**“Contractor’s Representative”** shall have the meaning set forth in Schedule 7;

**“Cure Period”** means the period specified in this Contract for curing any breach or default of any provision of this Contract by the Party responsible for such breach or default and shall:

(a) commence from the date on which a notice is delivered by one Party to the other Party asking the latter to cure the breach or default specified in such notice;

(b) not relieve any Party from liability to pay Damages or compensation under the provisions of this Contract;

provided that if the cure of any breach by the Contractor requires any reasonable action by the Contractor that must be approved by the Authority, the applicable Cure Period shall be extended by the period taken by the Authority to accord their approval;

**“Damages”** shall mean the damages payable by either Party to the other of them, as set forth in this Contract, whether on per diem basis or otherwise, are mutually agreed genuine pre-estimated loss and damage likely to be suffered and incurred by the Party entitled to receive the same and are not by way of penalty;

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**“Defect Liability Period”** shall have the meaning set forth in Clause 11.7;

**“Design and Technical Agency or DTA”** shall mean the Design and Technical Agency named M/s Suresh Goel and Associates, appointed by the Authority for the purpose of monitoring the Works;

**“Effective Date”** means the date of execution of this Contract;

**“Force Majeure/Force Majeure Event”** shall have the meaning set forth in Clause 15.2;

**“Good Industry Practice”** means the exercise of that degree of skill, diligence efficiency, reliability and prudence and those practices, methods, Technical Specifications and Standards and standards of equipment, safety, services and performance, as may change from time to time and which would reasonably and ordinarily be expected to be used by a skilled and experienced Contractor engaged in activities similar to the Works required to be carried out under this Contract;

**“Government Instrumentality”** means the Government of India, Governments of state of Gujarat, and any ministry, department, board, authority, agency, corporation, commission under the direct or indirect control of Government of India or any of the above state Government(s) or both, any political sub-division of any of them including any court or Appropriate Commission(s) or tribunal or judicial or quasi-judicial body of India;

**“Gregorian calendar”** means the internationally accepted civil calendar;

**“Hazardous Material”** means (i) any element, compound, substance, preparation, chemical, physio-chemical properties or biological derivative, radiation, noise, vibration, material or combination thereof which by reason of its composition or characteristics is defined in Applicable Law as a hazardous material, or (ii) any other material which any Government Instrumentality determines from time to time is harmful, toxic, or dangerous, or otherwise ineligible for handling, storage or disposal by unregulated means or is liable to cause harm to human beings, other living creatures, plant, micro-organism, property or the environment;

**“INR”** means the Indian Rupees;

**“Indian Standard Time”** means the time observed throughout India;

**“Interim Payment Certificate”** or **“IPC”** means the interim payment certificate issued by the DTA for payment to the Contractor in respect of Contractor’s claims for payment raised in accordance with the provisions of this Contract;

**“LOA”** means the Letter of Award dated [●], issued to the Contractor to establish the Project;

**“Performance Security”** shall have the meaning set forth in Clause 5.1;

**“Programme Schedule”** means the programme schedule set out in Schedule 4;



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**“Project”** means the construction of the Residential Facilities at GBU in accordance with the provisions of this Contract, and includes all Works, services and equipment relating to or in respect of the Scope of the Project;

**“Project Milestones”** means project milestones as set out in Schedule 4;

**“Residential Facilities”** means the amenities and infrastructure that will be constructed by the Contractor on the specified location (detailed in Schedule 2) through the execution of the specified tasks outlined in Schedule 2 and in accordance with the terms stipulated in the Contract;

**“Right of Way”** means the constructive possession of the Site, together with all way leaves, easements, unrestricted access and other rights of way, howsoever described, necessary for construction of the Project and real estate development in accordance with this Contract;

**“Rs.” or “Rupees”** means Indian Rupees, the lawful currency of India;

**“Site”** means the lands or other places, which is licensed to the Contractor for constructing the Project as per this Contract and as described in Schedule 2;

**“Staff Training documents”** means documents related to training of staff and personnel;

**“Subcontractor”** means any person or persons to whom a part of the Works has been subcontracted by the Contractor and the permitted legal successors in title to such person, but not an assignee to such person;

**“Technical Specifications and Standards”** means the Technical Specifications and Standards set out in Schedule 3;

**“Term”** shall have the meaning set forth in Clause 4.1;

**“Variation”** means any variation in the Scope of Works as more elaborately provided in Clause 2.2 of this Contract;

**“Works Completion Certificate”** means the certificate issued by the Authority pursuant to Clause 11.6 of this Contract on successful completion of Works;

**“Works”** means all things or tasks which the Contractor is, or may be, required to do to for the Completion of the Project, which includes, inter alia, construction of the Project, procurement and commissioning of the trees, plants, furniture and other components planned for the Project, taking delivery, transporting to Site, storing at Site, installing, erecting, testing of the Project components, procurement and Completion of the Project, in accordance with this Contract;

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**SCHEDULE 2 – SCOPE OF WORKS**

**Refer separate attachment**

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**SCHEDULE 3 A– TECHNICAL SPECIFICATIONS AND STANDARDS**

**Refer separate attachment**

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### SCHEDULE 3B– Testing of Materials

For ensuring quality control and workmanship, various test prescribed below corresponding to the material concerned shall be taken at periodic intervals as stipulated below.

Item No. as per Sch. B	Brief Description of Materials to be Tested	Prescription of Test which Shall be Carried Out	Frequency @which Test Shall be Carried Out	Total No. of Test to be Carried Out
	Coarse Aggregate (Metal, Kapchi, Gravel, etc.)	<ul style="list-style-type: none"> <li>• Gradation Test</li> <li>• Impact Value</li> <li>• Flakiness Index</li> <li>• Water Absorption</li> <li>• Stripping Value</li> </ul>	<ul style="list-style-type: none"> <li>• 1 to 100 Cum – 1 Test</li> <li>• 100 to 500 – 3 Test</li> <li>• 500 to 1500 – 5 Test</li> <li>• 1500 to 5000 – 7 Test</li> </ul>	
	Grit	<ul style="list-style-type: none"> <li>• Stripping Value</li> </ul>	<ul style="list-style-type: none"> <li>• One Test per Work</li> </ul>	
	Sand	<ul style="list-style-type: none"> <li>• Gradation</li> <li>• Fineness Modulus</li> <li>• Specific Gravity</li> <li>• Water Absorption</li> <li>• Silt Content</li> </ul>	<ul style="list-style-type: none"> <li>• One Test per 150 Cum or as per requirement of relevant specification</li> </ul>	
	Tiles	<ul style="list-style-type: none"> <li>• Dimension Test</li> <li>• Transverse Strength</li> <li>• Water Absorption</li> <li>• Abrasion Test</li> </ul>	<ul style="list-style-type: none"> <li>• One Test per 2000 Tiles</li> </ul>	
	Teakwood	<ul style="list-style-type: none"> <li>• Anatomy Test</li> <li>• Density Test</li> <li>• Moisture Content Test</li> </ul>	<ul style="list-style-type: none"> <li>• One Test per work</li> </ul>	
	Bricks	<ul style="list-style-type: none"> <li>• Dimension and Tolerance</li> <li>• Water Absorption</li> <li>• Effluence</li> <li>• Compressive Strength</li> </ul>	<ul style="list-style-type: none"> <li>• One Test @ 50,000 Bricks</li> </ul>	

	Cement	<ul style="list-style-type: none"> <li>• Consistency</li> <li>• Setting Time</li> <li>• Compressive Strength</li> <li>• Fineness</li> <li>• Chemical Analysis</li> <li>• Soundness</li> </ul>	<ul style="list-style-type: none"> <li>• Up to 50 MT – 1 Test</li> <li>• 50 – 100 MT – 2 Test</li> <li>• 100 – 200 MT – 3 Test</li> <li>• 200 – 300 MT – 4 Test</li> <li>• 300 – 500 MT – 5 Test</li> </ul>	
	Steel	<ul style="list-style-type: none"> <li>• Tensile Strength</li> <li>• Yield Stress</li> <li>• Elongation</li> <li>• Size</li> </ul>	<ul style="list-style-type: none"> <li>• One test / 40 tonnes / per category</li> </ul>	
	C.C. Cube test 1:2:4	<ul style="list-style-type: none"> <li>• Compressive Strength</li> </ul>	<ul style="list-style-type: none"> <li>• 1 to 5 Cum – 1 Test</li> <li>• 6 to 15 Cum – 2 Test</li> <li>• 16 to 20 Cum – 3 Test</li> <li>• 51 &amp; Above Cum- 4 + 1 for each additional 50 Cum or part thereof</li> </ul>	
	Aluminium Sections	<ul style="list-style-type: none"> <li>• Gauge, Section</li> </ul>	<ul style="list-style-type: none"> <li>• One Test for each section</li> </ul>	

Sign of Contractor

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#### **SCHEDULE 4 – PROGRAMME SCHEDULE**

The Programme Schedule shall be submitted by the Contractor after the execution of this Contract. Upon furnishing of the Programme Schedule to the Authority, the same shall form an integral part of the Contract.

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## SCHEDULE 5 – AUTHORITY’S REPRESENTATIVE

The details in relation to the Authority’s Representative would be shared by the Authority from time to time during the Term of the Contract.

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## SCHEDULE 6 - CONTRACT PRICE & PAYMENT MILESTONES

The Contract Price shall be calculated as a percentage of the estimated percentage \_\_\_\_\_ above/ below/ equal of the estimated cost, i.e., \_\_\_% of \_\_\_\_\_, amounting to Rs. [●] (\*\*\*\* amount in words \*\*\*\*), which is exclusive of applicable Goods and Service Tax (GST) but inclusive of all other applicable taxes and duties under the Applicable Laws for undertaking the Project.

Subject to the terms of this Contract, the Contract Price shall be paid by the Authority to the Contractor on monthly basis as per the following mechanism,

Payment stage	Description
Monthly progress payment on prorate basis	Amount payable for monthly payment for Works = 95% of monthly value of completed Works (in value terms) in the relevant month computed as per the percentage above/ below/ equal of BOQ (Schedule-10)  It is further clarified that all Works shall be executed as per scope defined in Clause 2.1.
Retention Money	Retention Money = 5% of monthly value of completed Works (in value terms) in the relevant month computed as per the percentage above/ below/ equal BOQ (Schedule-10)  The Retention Money shall remain in force and effect for a period of 3 (three) months from issuance of Provisional Certificate or Works Completion Certificate whichever is earlier, subject to adjustment as provided in this Clause 5.9. However, the Authority shall have right to retain balance Retention Money, up to satisfactory completion of Works as per the Authority, for a maximum period of 6 (six) months from the date of Provisional Certificate or Works Completion Certificate, whichever is earlier

Further, the monthly payments shall be made after verification of each activity completed by DTA and after getting approval of each activity. Authority shall entertain a minimum Invoice of Rs. 50,00,000/- only. (Only in special case, Authority Representative/ Engineer-in-Charge may use his discretion and allow an Invoice of amount lesser than prescribed herewith).

**For all the other BOQ items whose per unit price is more than INR 30 lakhs, the payment towards the works shall be made as per below mechanism:**

- 75% of the cost of line item to be considered towards value of works completed upon delivery at site and approval from the Authority/DTA
- 15% of the cost of line item to be considered towards value of works completed upon Assembly/ Installation at site as per approved location and approval from the Authority/DTA



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- 10% of the cost of line item to be considered towards value of works completed upon testing, commissioning, procurement of statutory permissions and approval from Authority/DTA.

**Note:**

1. The above bifurcation of payments are subject to sole discretion of the Authority. Authority may decide to release the payment of the above items on case-to-case basis.
2. All the above payments are subject to the retention clause as applicable.
3. Balance Contract Price for i.e., balance amount of Contract Price for Works, pending to be paid after 100% completion of Works in value terms shall be paid 3 months after issue of Works Completion Certificate by the Authority.
4. It is further clarified that all Works shall be executed as per scope defined in Clause 2 and Schedule 2, Schedule 3 and Schedule 10
5. It is hereby clarified that the aggregate amount computed by the way of arithmetic sum of all line items in the table given in Schedule 10 shall be sole basis for the Contract price. However, the actual payments shall be made basis the respective quantities which are utilized towards the event.
6. The Authority shall release the payments to the Contractor within 90 (ninety) days from the receipt of the duly completed invoice.

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**SCHEDULE 7 – Contractor’s Representative**

**Name of the Representative:**

**Designation:**

**Company:**

**Address:**

**Telephone No:**

**Fax Number:**

**Email Address:**

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## SCHEDULE 8 – Bank Guarantee (formats)

### Part A: PERFORMANCE SECURITY (as per clause 5.1)

Registrar,  
Gujarat Biotechnology University,  
GIFT City Road, Gandhinagar– 382 355,  
Gujarat, India.

#### WHEREAS:

- (A) .....<sup>4</sup>(the “**Contractor**”) and the Gujarat Biotechnology University, GIFT City Road, Gandhinagar – 3822355 (the “**Authority**”) have entered into a Construction Contract dated ..... (the “**Contract**”) whereby the Contractor has agreed to the undertake construction and development of Residential Facilities at Site of the Authority, in accordance with the provisions of the Contract.
- (B) The Contract requires the Contractor to furnish a Performance Security to the Authority for a sum of Rs. \*\*\*\*\* cr. (Rupees \*\*\*\*\* crore) (the “**Guarantee Amount**”) as security for due and faithful performance of its obligations, under and in accordance with the Contract, during the Construction Period (as defined in the Contract).
- (C) We, ..... through our Branch at .....<sup>5</sup> (the “**Bank**”) have agreed to furnish this Bank Guarantee by way of Performance Security.

NOW, THEREFORE, the Bank hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Bank hereby unconditionally and irrevocably guarantees the due and faithful performance of the Contractor’s obligations during the Term, under and in accordance with the Contract, and agrees and undertakes to pay to the Authority, upon its mere first written demand, and without any demur, reservation, recourse, contest or protest, and without any reference to the Contractor, such sum or sums upto an aggregate sum of the Guarantee Amount as the Authority shall claim, without the Authority being required to prove or to show grounds or reasons for its demand and/or for the sum specified therein.
2. A letter from the Authority, under the hand of an Officer duly authorized by the Chairman of the Authority, that the Contractor has committed default in the due and faithful performance of all or any of its obligations under and in accordance with the Contract shall be conclusive, final and binding on the Bank. The Bank further agrees that the Authority shall be the sole judge as to whether the Contractor is in default in due and faithful performance of its obligations during the

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<sup>4</sup> Insert name and address of Contractor

<sup>5</sup> Insert name of branch of bank in Gujarat

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Term under the Contract and its decision that the Contractor is in default shall be final, and binding on the Bank, notwithstanding any differences between the Authority and the Contractor, or any dispute between them pending before any court, tribunal, arbitrators or any other authority or body, or by the discharge of the Contractor for any reason whatsoever.

3. In order to give effect to this Guarantee, the Authority shall be entitled to act as if the Bank were the principal debtor and any change in the constitution of the Contractor and/or the Bank, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the Bank under this Guarantee.
4. It shall not be necessary, and the Bank hereby waives any necessity, for the Authority to proceed against the Contractor before presenting to the Bank its demand under this Guarantee.
5. The Authority shall have the liberty, without affecting in any manner the liability of the Bank under this Guarantee, to vary at any time, the terms and conditions of the Contract or to extend the time or period for the compliance with, fulfilment and/or performance of all or any of the obligations of the Contractor contained in the Contract or to postpone for any time, and from time to time, any of the rights and powers exercisable by the Authority against the Contractor, and either to enforce or forbear from enforcing any of the terms and conditions contained in the Contract and/or the securities available to the Authority, and the Bank shall not be released from its liability and obligation under these presents by any exercise by the Authority of the liberty with reference to the matters aforesaid or by reason of time being given to the Contractor or any other forbearance, indulgence, act or omission on the part of the Authority or of any other matter or thing whatsoever which under any law relating to sureties and guarantors would but for this provision have the effect of releasing the Bank from its liability and obligation under this Guarantee and the Bank hereby waives all of its rights under any such law.
6. This Guarantee is in addition to and not in substitution of any other guarantee or security now or which may hereafter be held by the Authority in respect of or relating to the Contract or for the fulfilment, compliance and/or performance of all or any of the obligations of the Contractor under the Contract.
7. Notwithstanding anything contained hereinbefore, the liability of the Bank under this Guarantee is restricted to the Guarantee Amount and this Guarantee will remain in force for the period specified in paragraph 8 below and unless a demand or claim in writing is made by the Authority on the Bank under this Guarantee, not later than 6 (six) months from the date of expiry of this Guarantee, all rights of the Authority under this Guarantee shall be forfeited and the Bank shall be relieved from its liabilities hereunder.

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8. The Performance Security shall remain in force and effect until Defects Liability Period prescribed under the Clause 11.7 of the Contract or unless a demand or claim in writing is made by the Authority to the Bank under this Guarantee.
  9. The Bank undertakes not to revoke this Guarantee during its currency, except with the previous express consent of the Authority in writing, and declares and warrants that it has the power to issue this Guarantee and the undersigned has full powers to do so on behalf of the Bank.
  10. Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred Branch, which shall be deemed to have been duly authorised to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the Authority that the envelope was so posted shall be conclusive.
  11. This Guarantee shall be encashable at ..... and shall come into force with immediate effect and shall remain in force and effect for a period until 3 (three) months from issuance of Works Completion Certificate and provision of Performance Guarantee as per the terms of the Contract or until it is released earlier by the Authority pursuant to the provisions of the Contract.

Signed and sealed this ..... Day of ....., 20..... at .....

SIGNED, SEALED AND DELIVERED

For and on behalf of the BANK by:

(Signature)

(Name)

(Designation)

(Code Number)

(Address)

NOTES:

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- (i) The bank guarantee should contain the name, designation and code number of the officer(s) signing the guarantee.
  - (ii) The address, telephone number and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.

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**Part B: PERFORMANCE GUARANTEE (as per clause 5.5)**

Registrar,  
Gujarat Biotechnology University,  
GIFT City Road, Gandhinagar– 382 355,  
Gujarat, India.

WHEREAS:

(A) ..... (the “**Contractor**”) and the Gujarat Biotechnology University, GIFT City Road, Gandhinagar – 3822355 (the “**Authority**”) have entered into a Construction and Maintenance Contract dated ..... (the “**Contract**”) whereby the Contractor has agreed to the undertake construction and development of Animal house and Greenhouse Facility at Site of the Authority, in accordance with the provisions of the Contract.

(B) The Contract requires the Contractor to furnish a Performance Security to the Authority for a sum of Rs. \*\*\*\*\* cr. (Rupees \*\*\*\*\* crore) (the “**Guarantee Amount**”) as security for due and faithful performance of its obligations, under and in accordance with the Contract, during the Maintenance Period (as defined in the Contract).

(C) We, ..... through our Branch at ..... (the “**Bank**”) have agreed to furnish this Bank Guarantee by way of Performance Guarantee.

NOW, THEREFORE, the Bank hereby, unconditionally and irrevocably, guarantees and affirms as follows:

1. The Bank hereby unconditionally and irrevocably guarantees the due and faithful performance of the Contractor’s obligations during the Term, under and in accordance with the Contract, and agrees and undertakes to pay to the Authority, upon its mere first written demand, and without any demur, reservation, recourse, contest or protest, and without any reference to the Contractor, such sum or sums upto an aggregate sum of the Guarantee Amount as the Authority shall claim, without the Authority being required to prove or to show grounds or reasons for its demand and/or for the sum specified therein.
2. A letter from the Authority, under the hand of an Officer duly authorized by the Chairman of the Authority, that the Contractor has committed default in the due and faithful performance of all or any of its obligations under and in accordance with the Contract shall be conclusive, final and binding on the Bank. The Bank further agrees that the Authority shall be the sole judge as to whether the Contractor is in default in due and faithful performance of its obligations during the Term under the Contract and its decision that the Contractor is in default shall be final, and binding on the Bank, notwithstanding any differences between the Authority and the Contractor, or any dispute between them pending before any court, tribunal, arbitrators or any other authority or body, or by the discharge of the Contractor for any reason whatsoever.

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3. In order to give effect to this Guarantee, the Authority shall be entitled to act as if the Bank were the principal debtor and any change in the constitution of the Contractor and/or the Bank, whether by their absorption with any other body or corporation or otherwise, shall not in any way or manner affect the liability or obligation of the Bank under this Guarantee.
  4. It shall not be necessary, and the Bank hereby waives any necessity, for the Authority to proceed against the Contractor before presenting to the Bank its demand under this Guarantee.
  5. The Authority shall have the liberty, without affecting in any manner the liability of the Bank under this Guarantee, to vary at any time, the terms and conditions of the Contract or to extend the time or period for the compliance with, fulfilment and/ or performance of all or any of the obligations of the Contractor contained in the Contract or to postpone for any time, and from time to time, any of the rights and powers exercisable by the Authority against the Contractor, and either to enforce or forbear from enforcing any of the terms and conditions contained in the Contract and/or the securities available to the Authority, and the Bank shall not be released from its liability and obligation under these presents by any exercise by the Authority of the liberty with reference to the matters aforesaid or by reason of time being given to the Contractor or any other forbearance, indulgence, act or omission on the part of the Authority or of any other matter or thing whatsoever which under any law relating to sureties and guarantors would but for this provision have the effect of releasing the Bank from its liability and obligation under this Guarantee and the Bank hereby waives all of its rights under any such law.
  6. This Guarantee is in addition to and not in substitution of any other guarantee or security now or which may hereafter be held by the Authority in respect of or relating to the Contract or for the fulfilment, compliance and/or performance of all or any of the obligations of the Contractor under the Contract.
  7. Notwithstanding anything contained hereinbefore, the liability of the Bank under this Guarantee is restricted to the Guarantee Amount and this Guarantee will remain in force for the period specified in paragraph 8 below and unless a demand or claim in writing is made by the Authority on the Bank under this Guarantee, not later than 6 (six) months from the date of expiry of this Guarantee, all rights of the Authority under this Guarantee shall be forfeited and the Bank shall be relieved from its liabilities hereunder.
  8. The Performance Guarantee shall be valid in full force and effect up to the end of the Defect Liability Period (exclusive of claim period), and provided the Contractor is not in breach of this Contract. Upon request made by the Contractor for release of the Performance Guarantee along with the particulars required hereunder, duly certified by a statutory auditor of the Contractor, the Authority shall release the Performance Guarantee forthwith.
  9. The Bank undertakes not to revoke this Guarantee during its currency, except with the previous express consent of the Authority in writing, and declares and warrants that it has the power to issue this Guarantee and the undersigned has full powers to do so on behalf of the Bank.



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10. Any notice by way of request, demand or otherwise hereunder may be sent by post addressed to the Bank at its above referred Branch, which shall be deemed to have been duly authorised to receive such notice and to effect payment thereof forthwith, and if sent by post it shall be deemed to have been given at the time when it ought to have been delivered in due course of post and in proving such notice, when given by post, it shall be sufficient to prove that the envelope containing the notice was posted and a certificate signed by an officer of the Authority that the envelope was so posted shall be conclusive.
11. This Guarantee shall be en-cashable at ..... and shall come into force with immediate effect and shall remain in force and effect for a period until Defects Liability Period or until it is released earlier by the Authority pursuant to the provisions of the Contract.

Signed and sealed this ..... Day of ....., 20..... at .....

SIGNED, SEALED AND DELIVERED

For and on behalf of the BANK by:

(Signature)

(Name)

(Designation)

(Code Number)

(Address)

NOTES:

- (i) The bank guarantee should contain the name, designation and code number of the officer(s) signing the guarantee.
- (ii) The address, telephone number and other details of the Head Office of the Bank as well as of issuing Branch should be mentioned on the covering letter of issuing Branch.

**SCHEDULE 9- SCOPE OF DTA**  
**[This would be limited to this Contract]**

The following is the scope of Services to be provided by the DTA

**i. Services during Design Phase**

<b>Activity</b>	<b>Deliverables (including but not limited to and after due approval of the Authority)-</b>
Concept Development	<b>Conceptual Masterplan/ Site plan</b>
	Conceptual Plans, Elevations & Sections with zoning & Areas demarcated for all proposed development options
	Rendered 3D views with walkthrough (walkthrough only if value of works more than 50 Crores)
	Block Cost Estimate with Finishing Schedule
Studies and Investigations	<b>Design Basis Report inclusive of</b>
	1. Contour /Topographic survey, Soil investigation or any other survey as per Project requirement.
	2. Facilities List for consideration and selection
	3. Associated concepts for incorporation as per best practice.
	<b>Environmental Clearance for the Project as per the norms</b>
Detailed Design and Cost Estimation	<b>Detailed Design Report:</b>
	1. Masterplan & Site plan with external services, coordinated plan and landscape drawings with hardscape & softscape details.
	2. Detailed architectural drawings with Plans, Elevations, Sections & various standard details and coordinated services.
	3. Interior package including details of all zones with all proposed elements/ facilities, laboratories(complete detailing for the research space including but not limited to workspace, hotdesking, meeting space, equipment space with supporting infrastructure),with false ceiling flooring & wall cladding/ partitions general as well as in line with a biotech research environment wherever required.

Activity	Deliverables (including but not limited to and after due approval of the Authority)-
	4. Final Rendered 3D views (including interiors) with updated walkthrough if any
	5. Detail drawings of all services including Structure, HVAC, Electrical, ICT, plumbing & firefighting & other specialized services.
	6. Detail cost estimate with Specifications and Make with finishing schedule including but not limited to components, fixtures and fittings, flooring, building finishes, roof and ceiling, interiors including furniture or seating area, laboratory furniture and fixtures and walls, show casings and enclosures.
	Inputs to Construction Contract:  Draft RFQ and contract document including all technical schedules, specifications, drawings and inputs as would be required for the Appointment of the CMA by the Authority.
Approval from Independent Engineer	Approval from independent engineer / R&B on the drawings provided. Independent Engineer shall be appointed by the Authority.

## II Services during Construction Phase

- The DTA shall, on behalf of Authority, apply for and obtain all the statutory approvals, licenses and permits required to commence the construction works.
- The DTA shall on finalisation of the Construction agency tender submit the timeline for submission and approval of drawings.
- The DTA shall prepare and submit working/construction drawings and details for proper execution of work during construction.
- The DTA shall ensure that all the construction is done as per the specifications to which the detailed design has been made.
- The DTA shall submit daily progress report and monthly report to the Authority on status of construction works with respect to the agreed schedule. The monthly report shall also include a progress bar chart with respect to the planned schedule.
- Monitor the construction obligations being discharged by the Construction / Implementing Agency and keep the Authority informed about its compliance.
- Keep the Authority informed about compliance or any variance from the completion schedule and recommend to the Authority steps or amendments

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(if any) required to ensure timely completion of the construction of the Project;

- The DTA shall maintain all records for quality compliance. Further, Review and report to the Authority as to whether the Quality Assurance System complies with the requirements of standards stipulated by the Authority and provide to the Authority details of the non-compliance, as soon as reasonably practicable;
- Review any issue/ concern raised by the CMA and suggest authority on the possible actions that can be taken within 7 days of receipt of such letter.
- Inspect completed works on receipt of a notice and advise Authority if the Construction Management / Implementation Agency has discharged all its obligations and if a completion certificate can be issued by the Authority;
- Conduct periodic audits of Operations and Maintenance obligations of the Construction Management / Implementation Agency for compliance with the Authority's requirements;
- Review the periodic condition surveys to establish compliance with the performance specifications specified in the Authority's requirements
- Any other obligations required by the Authority at the time of appointment of the Construction Management / Implementation Agency
- Suggest modifications in the Construction Management / Implementation Agency's work program method statements, material sources etc., including activity scheduling and resource programming for timely completion of work;
- The DTA shall approve the setting out of the works;
- The DTA shall verify, and if necessary, order correction of, the as-built drawings (if any) supplied by the CMA;
- The DTA shall ensure a system of Quality Assurance of works; approve materials and sources of materials; review all bituminous mix designs and concrete mix designs proposed by the CMA and approve/suggest modifications in the mix design, sampling and testing procedure and Quality Control measures to ensure required standard and consistency in quality.
- The DTA shall check the setting up of laboratory (including calibration of equipment) and field tests carried out by the CMA and develop a mechanism in consultation with Authority to carry out adequate number of independent tests other than the regular testing done by Contractor;
- The DTA shall make independent measurements, day to day records of material consumption in the format as approved by authority and quality checks towards realization of the CMA's milestone and ensure that all necessary documentation is provided in support of the realization of the works completed against the milestone
- The DTA shall monitor and check the day to day quality control of the works carried out under the Contract, keep all records as per the directions of the Authority and verify completion of milestones/ interim work, when the quality

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of the works is satisfactory, and the works have been carried out as the requirements laid in the contract.

- The DTA shall direct the CMA, on behalf of the Authority, in all matters concerning construction safety and care of the works (including the erection of the temporary signs at road-works) and, if required, to request the Contractor to provide any necessary lights, guards, fencing and watchmen;
- The DTA shall direct the CMA, on behalf of the Authority, to carry out all such works or to do such things as may be necessary in his opinion to avoid or to reduce the risk of any emergency affecting the safety of life or of adjoining property.
- The DTA shall direct the CMA to take all necessary steps including those mentioned in the construction contract to protect the environment on and off the site which may arise due to construction operations
- The DTA shall direct the CMA to take all necessary steps to maintain the rate of progress of works as per the approved Programme Schedule of the CMA on monthly basis; Further it should develop a program schedule in consultation with CMA in case of deviation of timelines by CMA.
- The DTA shall verify the As built drawings supplied by the CMA;
- The DTA shall assist/advise Authority for advance actions required to be taken for handing over of site and in achieving different milestones for completion of projects as per schedule;
- The DTA shall prepare and issue monthly and quarterly progress reports along with detailed quality control test statement in an approved format and also prepare detailed contract completion report; The copy of the same shall be submitted to Authority as well as CMA.
- DTA shall assist the Authority in co-ordination works with different executing agencies (if any) and support in timely implementation of the project;
- In the event that the CMA carries out any remedial works for removal or rectification of any defects or deficiencies, the DTA shall require the CMA to carry out, or cause to be carried out, tests to determine that such remedial works have brought the Construction Works into conformity with the Specifications and Standards
- DTA shall carry out planning, scheduling and monitoring of the projects using appropriate IT tools and techniques as approved by the Authority.
- The DTA shall deploy the manpower on full time and/or parttime as per the mutually agreed discussion between Authority and DTA. The DTA shall assess its scope during the construction phase and deploy manpower in addition to the above, as and when required.
- The DTA shall support the Construction and Maintenance Agency (CMA) for obtaining the Project Completion certificate from Authority on successful test run and commissioning of the Project. For the avoidance of doubt, it is clarified

that liaising and obtaining all statutory and necessary approvals required prior to commencement of construction shall be the responsibility of the DTA.

- Contract management and support in certification of milestones of the respective part of the Project.
- Handholding support to the Authority during various meetings/interactions with stakeholders as well as support the Authority in preparation of project specific presentations, project specific proposals, procurement outcomes, budget utilization report, drafting application for various approvals from concerned authorities.
- The DTA shall inform the authority for any variation in scope of CMA and ensure necessary approvals of authority for execution of the same.
- Manpower during Construction Phase. The DTA shall provide following manpower during the Construction Phase full time on project site.

Category	Value of Works	Position	No.s	Qualification
2	More than 15 Crores but less than 100 Crores	Construction/Project Manager	1	B.E. Civil Engineering + minimum 10 years of work experience
		Project Engineer - Civil/ Electrical/ Mech.	1	B.E. Civil/ Electrical/ Mech.+ minimum 5 years of work experience
		Subject Expert (Biotech background on intermittent basis to support in design and supervision for development of labs)	1	Postgraduation + min 7 years experience in biotechnology and allied discipline OR PhD + min 5 years experience in biotechnology and allied discipline

The above indicated manpower is the minimum expected manpower required to be deployed by the Service Provider during the Construction Phase. The DTA shall assess its scope during the construction phase and deploy manpower in addition to the above, as and when required.

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**SCHEDULE 10 – BILL OF QUANTITIES**

**Refer separate attachment**

Draft Only

**SCHEDULE 11 – Circular by R & B Government of Gujarat**

Labour Cess

ગુજરાત સરકાર,  
મર્ગ અને મકાન વિભાગ,  
પરિપત્ર ક્રમાંક:એસએસઆર-૧૦૨૦૦૪-આઈબી-૪૧(૨૪)સ,  
સચિવાલય, ગાંધીનગર  
તા. ૨૧/૧૧/૨૦૦૬

વિષય:- મકાનો અને અન્ય બાંધકામના કામદારોના કલ્યાણ સેસ, એક્ટ ૧૯૯૬ હેઠળ ૧% સેસ "ગુજરાત બિલ્ડીંગ એન્ડ અધર કન્સ્ટ્રક્શન વર્કસ વેલફેર બોર્ડ" માં જમાં કરાવવા અંગે.

સંદર્ભ:- (૧) શ્રમ અને રોજગાર વિભાગ, સચિવાલય, ગાંધીનગરનો ઠરાવ ક્ર:સીડબલ્યુએ-૨૦૦૪-૮૪૧-એમ-૩, તા. ૩૦-૧-૨૦૦૬  
(૨) શ્રમ અને રોજગાર વિભાગ, સચિવાલય, ગાંધીનગરનો ઠરાવ ક્રમાંક: સીડબલ્યુએ-૨૦૦૪-૧૮૩૧-એમ-૩, તા. ૯-૧૨-૨૦૦૫.

પરિપત્ર:-

ઉપરોક્ત વિષયના સંદર્ભમાં દર્શાવેલ શ્રમ અને રોજગાર વિભાગ, સચિવાલય, ગાંધીનગરના તા. ૩૦/૧/૦૬ તથા તા. ૯/૧૨/૦૫ના ઠરાવો (નકલ સામેલ છે.) તરફ સર્વે સંબંધિતોનું ધ્યાન દોરતાં આથી જણાવવામાં આવે છે. કે મંજૂર કરાતા ફાઈનલ ટેન્ડર્સ પેપર્સમાં 'સેસ' અંગે જોગવાઈ કરીને ઈજારદારોના દર મહિને કરેલ કામના બિલના ચુકવણીમાંથી ૧ (એક) ટકો સેસ કાપીને તે રકમ ગુજરાત બિલ્ડીંગ એન્ડ અધર કન્સ્ટ્રક્શન વર્કસ વેલફેર બોર્ડ" ના સંદર્ભ (૨) હેડગના ઠરાવથી નિયત હેડ-સબહેડ ખાતે સંબંધિત કાર્યપાલક ઈજનેરશ્રી ધ્વારા જમા કરાવવાની રહેશે. હવે પછી થી જે નવા અંદાજો મંજૂર કરવામાં આવે તેવા અંદાજની દરેક આઈટમના ભાવોમાં ૧% વધારો કરીને વધારેલ ભાવ મુજબ અંદાજો મંજૂર કરવાના રહેશે. તથા ફાઈનલ ટેન્ડર્સ પેપર્સમાં તે મુજબ રકમ મુકવાની રહેશે. મોટા અને સુવાચ્ય અક્ષરે ITB માં બીલમાંથી કપાત થનાર બધાંજ પ્રકારના ટેગ/સેસ વિગેરે નો ઉલ્લેખ કરવાનો રહેશે.

આ સૂચનાઓનો અમલ ચૂસ્ત પાં થાય તેની દરેક દરેક સંબંધિતોએ નોંધ લઈ તે મુજબ કાર્યવાહી અચૂક રીતે હાથ ધરવાની રહેશે.

અનંદ પટેલ  
ઉપસચિવ  
મર્ગ અને મકાન વિભાગ,

Responsible Engineering	વિજેન્દ્ર શ્રીઓ, મા.મ.વર્તુળ, અંચાલ મા.મ.વર્તુળ/ને.હા.વર્તુળ/એકસેસવે
A'bad City (R&B)	વર્તુળ રા.મા.યો.વર્તુળ/પાટનગર યોજના વર્તુળ, ત્યા ઈલેક્ટ્રીકલ મા.મ.વર્તુળ, સહીત.
Almudabba	સર્વે કાર્યપાલક ઈજનેરશ્રીઓ, ઉપરોક્ત વર્તુળો હસ્તકના સર્વે વિભાગો.
in the	સર્વે તાંત્રીક અધિકારીશ્રીઓ ના.કા.ઈ.શ્રી.મો સહીત, મા.મ.વિભાગ સચિવાલય, ગાંધીનગર.
D.	સર્વે પ્રોજેક્ટ શાખાઓ, મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
A.	સર્વે સિલેક્ટ સર્કલ-૨૦૦૬. સ-શાખા મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
O.S.	સર્વે સિલેક્ટ સર્કલ-૨૦૦૬. સ-શાખા મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
P.A.	સર્વે સિલેક્ટ સર્કલ-૨૦૦૬. સ-શાખા મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
E.	સર્વે સિલેક્ટ સર્કલ-૨૦૦૬. સ-શાખા મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર



## SCHEDULE 12 – Circular PDW -10 – 2017 – 01 - C

મકાનો તથા પુલોના આર.સી.સી. કામોમાં  
લોખંડના સળીયાના માપો લખવા તથા  
ચૂકવણમાં લેપ લેન્થ ની લંબાઈ  
ગણતરીમાં નહીં લવા બાબત

ગુજરાત સરકાર  
માર્ગ અને મકાન વિભાગ  
સચિવાલય, ગાંધીનગર  
પરિપત્ર ક્રમાંક:- PDW-10-2017-01-C  
તા.૧૫-૦૨-૨૦૧૭

**પરિપત્ર:-**

મકાન, રસ્તા અને પુલોના કામોમાં આર.સી.સી. આઇટમોમાં સમાવિષ્ટ સ્ટીલ રેઇનફોર્સમેન્ટના માપો લખવા અને ચૂકવણ દરમ્યાન લેપની લંબાઇ ગણતરીમાં લેવામા આવે છે. રેઇનફોર્સમેન્ટમાં લેપની વધુ સંખ્યાને પ્રોત્સાહન ન આપતા સળંગ રેઇનફોર્સમેન્ટ (સળીયા) જ મહદઅંશે વપરાય એ તાંત્રિક રીતે વધુ યોગ્ય છે.

MORT&H સ્પેશીફિકેશનના પ્રવર્તમાન ધારાધોરણ મુજબ રેઇનફોર્સ (સળીયા)ના ચૂકવણમાં લેપની લંબાઇના માપો ગણતરીમાં લેવામાં આવતા નથી. (Section 1608)

MORT&H સ્પેશીફિકેશનના પ્રવર્તમાન ધારાધોરણ મુજબ માર્ગ અને મકાન વિભાગ હેઠળ મકાન, રસ્તા અને પુલના રેઇનફોર્સ (સળીયા)ના સ્પેશીફિકેશનમાં Mode of Measurement & Payment માં હવે પછી નીચે મુજબના ફેરફાર કરવા આથી સુચના આપવામાં આવે છે


<u>EXISTING ITEM</u>	<u>PROPOSED AMENDMENT</u> (As per MORT&H Specification Item No.1608)
મકાનના સ્પેશીફિકેશન	મકાનના સ્પેશીફિકેશન
5.4.10 Providing an Mild Steel reinforcement for R.C.C. work including bending binding and placing in position etc. complete up to floor two level.	5.4.10 Providing an Mild Steel reinforcement for R.C.C. work including bending binding and placing in position etc. complete up to floor two level.
5.4.11 High yield deform bars steel reinforcement for R.C.C. work including bending, binding and placing in position complete up to floor two level.	5.4.11 High yield deform bars steel reinforcement for R.C.C. work including bending, binding and placing in position complete up to floor two level.
3.2 Reinforcement shall be measured in length including overlaps, separately for different diameters as actually used in the work. Where welding or coupling is resorted to in place lap joints, such	3.2 Reinforcement shall be measured in length including hooks, if any, separately for differencnt diameters as actually used in work, excluding overlaps. From the length so


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<p>joints shall be measured for payment as equivalent length of overlap as per design requirement. From the length so measured, the weight of reinforcement shall be calculated in tones on the same basis of as per M-18 even though steel is supplied to the contractor by the department on actual weight. Length shall include hooks at the ends Wastage and annealed steel wire for binding shall not be measured and the cost of these items shall be deemed to be included in the rate for reinforcement.</p>	<p><i>measured, the weight of reinforcement shall be calculated in tonnes on the basis of IS: 1732. Wastage, overlaps, couplings, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire or other methods for binding and placing shall not be measured and cost of these items shall be deemed to be included in the rates for reinforcement.</i></p>
<p><b><u>EXISTING ITEM</u></b></p>	<p><b><u>PROPOSED AMENDMENT</u></b> (As per MORT&amp;H Speciafication Item No.1608)</p>
<p><u>रस्ताला स्पेशलीकेशन</u> Item No. 39 : Providing steel reinforcement. a) Providing and placing in position mild steel bar reinforcement including cutting, bending, hooking and tying complete as per details. b) High yield strength deformed bars reinforcement. (10) Reinforcement shall be measured in length separately for different diameters as actually used in the work. from the length so measured the weight of reinforcement shall be calculated in tones on the same basis of IS : 1732 even though steel is supplied to the contractor by the Department on actual wieghment. Length shall ilcude hooks at ends. Wastage and annealed steel wire for binding shall not be measured and cost of thes items shall be deemed to be</p>	<p><u>रस्ताला स्पेशलीकेशन</u> Item No. 39 : Providing steel reinforcement. a) Providing and placing in position mild steel bar reinforcement including cutting, bending, hooking and tying complete as per details. b) High yield strength deformed bars reinforcement. (10) Reinforcement shall be measured in length including hooks, if any, separately for differencd diameters as actually used in work, excluding overlaps. From the length so measured, the weight * of reinforcement shall be calculated in tonnes on the basis of IS: 1732. Wastage, overlaps, couplings, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire or</p>

<p>included in the rates for reinforcement.</p>	<p><i>other methods for binding and placing shall not be measured and cost of these items shall be deemed to be included in the rates for reinforcement.</i></p>
<p><u>પુલના સ્પેશીફિકેશન</u>  <b>Item: 21 –Providing</b>          (A) Mild Steel Reinforcement          (B) High Yield Strength Deformed bars, reinforcements.          (10) Reinforcement shall be measured in length including overlaps, separately for different diameter, as actually used in the work, where welding or coupling is restored to, in place of lap-joints, such joints shall be measured for payment as the equivalent length of over lap as per design requirement. From the length so measured the weight of reinforcement shall be calculated in tones on the same basis of IS 1732 even though steel is supplied to the contractor by the Department on actual weighment. Length shall include hooks at ends. Wastage and annealed steel wire for binding shall not be measured and cost of these items shall be deemed to be included in the rates for reinforcement.</p>	<p><u>પુલના સ્પેશીફિકેશન</u>  <b>Item: 21 –Providing</b>          (A) Mild Steel Reinforcement          (B) High Yield Strength Deformed bars, reinforcements.          (10) <i>Reinforcement shall be measured in length including hooks, if any, separately for differencet diameters as actually used in work, excluding overlaps. From the length so measured, the weight of reinforcement shall be calculated in tonnes on the basis of IS: 1732. Wastage, overlaps, couplings, welded joints, spacer bars, chairs, stays, hangers and annealed steel wire or other methods for binding and placing shall not be measured and cost of these items shall be deemed to be included in the rates for reinforcement.</i></p>

  
**Divisional Accounts Officer**  
 P.i.U.-Tender Cell  
 Gandhinagar

  
 (એન. જી. પરમાર)  
 ખાસ ફરજ પરના અધિકારી(વિ.ચો.)  
 માર્ગ અને મકાન વિભાગ


પ્રતિ.

- 1) અગત સચિવશ્રી, સચિવશ્રીનું કાર્યાલય મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
- 2) અગત સચિવશ્રી, સચિવશ્રીનું કાર્યાલય, નર્મદા, જ.સં. પા.પુ. અને ક. વિભાગ, સચિવાલય, ગાંધીનગર
- 3) અગત સચિવશ્રી, અગ્ર સચિવશ્રીનું કાર્યાલય, આરોગ્ય, પ.ક. વિભાગ, સચિવાલય, ગાંધીનગર
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- 6) એકાઉન્ટન્ટ જનરલશ્રી, રાજકોટ / અમદાવાદ
- 7) સર્વે મુખ્ય ઈજનેરશ્રીઓ, મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
- 8) સર્વે મુખ્ય ઈજનેરશ્રીઓ, નર્મદા, જ.સં. પા.પુ. અને ક. વિભાગ, સચિવાલય, ગાંધીનગર
- 9) મેનેજીંગ ડીરેક્ટરશ્રી, ગુજરાત રાજ્ય માર્ગ વિકાસ નિગમ, નિર્માણ ભવન, ગાંધીનગર
- 10) મુ.ઈ. અને ડીરેક્ટરશ્રી, એન્જીનીયરીંગ સ્ટાફ ટ્રેનીંગ કોલેજ, ગાંધીનગર
- 11) ડીરેક્ટરશ્રી, ગુજરાત એન્જીનીયરીંગ રીસર્ચ ઇન્સ્ટીટ્યુટ (ગેરી), વડોદરા
- 12) ઉપ સચિવશ્રી, ગુજરાત તકેદારી આયોગ, તકેદારી ભવન, ગાંધીનગર
- 13) નાણાં સલાહકારશ્રી, મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
- 14) સર્વે અધિક્ષક ઈજનેરશ્રીઓ, મા.મ.વિભાગ (રાજ્ય, પંચાયત, ને.હા., પાટનગર યોજના વર્તુળ, વિદ્યુત વર્તુળ સહિત)
- 15) સર્વે કાર્યપાલક ઈજનેરશ્રીઓ, (ઉક્ત વર્તુળ હેઠળના.)
- 16) સર્વે તાંત્રિક અધિકારીશ્રીઓ, મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
- 17) સર્વે તાંત્રિક શાખાઓ, મા.મ.વિભાગ, સચિવાલય, ગાંધીનગર
- 18) પ્રમુખશ્રી, ગુજરાત કોન્ટ્રાક્ટર્સ એસોસીએશન, ગજજર હોલ, લો ગાર્ડન, લો કોલેજ રોડ, અમદાવાદ
- 19) શાખા સીલેક્ટ ક્વોર્ટલ - ૨૦૧૭

તા. ૨૧.૦૫.૧૭ / (અમદાવાદ) રવિવાર ૨૦૧૭/૧૭

તા. ૨૧/૦૫/૨૦૧૭

જાહેર પ્રતિ, અમદાવાદ ઈજનેરશ્રી તમામ. }  
કાર્યપાલક ઈજનેરશ્રી તમામ. } અહીં તથા અમદાવાદ શહેર  
તા. ૨૧.૦૫.૧૭ / રવિવાર - તમામ. }

  
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