



K/W-4

OFFICE OF THE MANAGING DIRECTOR,

BELAGAVI SMART CITY LIMITED- 590006

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TENDERS FOR THE WORK OF

CONVERSION OF LT OVER HEAD LINES BY LT UNDER GROUND CABLE AT CHENNAMMA NAGAR AND TILAKWADI AREA IN BELAGAVI CITY-PACKAGE-4

Tender reference	:	BSCL/TND- /18-19
Last date and time for receipt of tenders through e-portal		As per e- procurement portal
Time and date of opening of technical bid		As per e- procurement portal
Place of opening of cover one of tenders		Office of the MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI
Place of opening of cover two of tenders		Office of the MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI
Address for communication		MANAGING DIRECTOR, Office of the MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED, C.T.S No: 197, GURUWAR PE TH, TILAKWADI, BELAGAVI -590006.

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SECTION 1: INVITATION FOR TENDERS (IFT)

Tender Notification No:

Work Indent No: UDD/2018-19/UC/WORK_INDENT753

1. **The MANAGING DIRECTOR, BELAGAVI. SMART CITY LIMITED** invites tenders from eligible Electrical Inspectorate, Government of Karnataka/KPWD/CPWD registered class I Electrical Contractor/Construction Company/Firm having Electrical Inspectorate, Government of Karnataka /KPWD/CPWD valid Electrical licence/Super Grade Electrical contract licence. In case of bidders from outside the Karnataka state, bidder should have Class-1 Electrical Licence issued by the respective State/central Government Electrical Inspectorate authorities, for the construction of works detailed in the Table below. Two Cover Tender procedure as per Rule28 of the KTPP Act shall be followed. The Tenders are required to submit two separate sealed covers, one containing the Earnest money deposit and the details of their capability to undertake the tender (as detailed in ITT Clause 3 and 6), which will be opened first and the second cover containing the price tender which will be opened only if the tenderer is found to be qualified to execute the tendered work. The tenderers are advised to note the minimum qualification criteria specified in Clause 3 of the Instructions to tenderer to qualify for award of the contract.
2. Tender documents may be downloaded from Government of Karnataka E-Procurement website <https://eproc.karnataka.gov.in/eportal/index.seam> under login for Contractors:

The screenshot displays the Government of Karnataka E-Procurement Portal. The page layout includes a header with the state emblem and the text 'PROCUREMENT PORTAL' and 'Government of Karnataka'. Below the header, there are three main sections: 'Contractors', 'Government Users', and 'Citizens'. The 'Contractors' section has a 'click here to Enter' button circled in red. The 'Government Users' section has a 'click here to Enter' button. The 'Citizens' section has a 'click here to Enter' button. The page also features a large image of a dam and a text block about e-Governance. The browser address bar shows the URL: <https://eproc.karnataka.gov.in/eportal/index.seam>. The date is Monday, 24 March 2008.

After login to Contractors, Please scroll down to the right side bottom to see List of Tenders, Please click there to find the details of NIT and download copy of the tender. The tender can be downloaded in the portal as per prescribed date and time published in the portal. Only Interested Contractors who wish to participate should remit online tender processing fee, after registering in the portal. The tender processing fee /transaction fee is non-refundable.



3. Tenders must be accompanied by earnest money deposit specified for the work in the Table below. **Earnest Money deposit which will be paid online through e-Procurement portal.** Earnest money deposit will have to be in any one of the forms as specified in the E procurement portal and shall have to be valid for **45 days beyond** the validity of the tender.
4. Tenders must be electronically submitted (on-line through internet) within the date and time published in e-procurement portal. First Cover (Technical Bid) of the Tenders will be opened after prescribed time and date in the e-procurement portal, in the presence of the Tenderers who wish to attend at the Office of **The MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED, BELAGAVI.**
5. A Pre-tender meeting will be held on the *time, date and Place specified in the e-procurement portal* to clarify the issues if any, and to answer questions on any matter that may be raised at that stage as stated in Clause 8.2 of 'Instructions to Tenderer' of the tender document.
6. Other details can be seen in the tender documents.

TABLE

Sl. No	Name of work	Value of work (In Rs.) Approximate Value	Earnest Money Deposit (In Rs. in lakhs)	Cost of document (In Rs)*	Period of completion
BSC-	CONVERSION OF LT OVER HEAD LINES BY LT UNDER GROUND CABLE AT CHENNAMMA NAGAR AND TILAKWADI AREA IN BELAGAVI CITY- PACKAGE-4	6,34,05,000/-	9.52	As per e- portal	12 Calendar months (including monsoon)

* Calculated Based On E-Procurement Portal

SECTION 2: INSTRUCTIONS TO TENDERERS (ITT)

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A General

1. Scope of Tender

- 1.1 **The MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI** invites tenders Following Two Cover tender procedure, from eligible tenderers, for the construction of works (as defined in these documents and referred to as "the works") detailed in the Table given in the Invitation for Tenders (IFT). The Tenderers may submit tenders for any or all of the works detailed in the table given in IFT.

2. Eligible Tenderers

- 2.1 Tenderers shall not be under a declaration of ineligibility for corrupt and fraudulent practices issued by the Government of Karnataka
- 2.2 **Tenders from Joint ventures are not acceptable.**

3. Qualification of the Tenderer:

- 3.1 All Tenderers shall provide the requested information accurately and in sufficient detail in Section 3: Qualification information.
- 3.2 **To qualify for award of this contract, each tendered in his name should have in the last five years i.e., 2013-14 TO 2017-18**
- (a) Achieved in at least two financial years a minimum annual financial turnover of **Rs. 1269 lakhs.**
- (b) Satisfactory completed, at least one similar work of **Conversion of Overhead LT Line to LT Under Ground Cable with Feeder pillar box and installation of Street light poles works** value not less than **Rs. 318 lakhs** as prime contractor
- (c) Executed in one year the following minimum quantities of work

Sl. No	Item Description	Quantity executed
1	Providing and Laying of underground LT/HT cable (combined Quantities)	24 Km
2	Providing and installing of Feeder pillar Box	176 Nos
3	Providing and installing street light poles	315 Nos

- (d) Deleted
- (e) Deleted

3.3 Each tenderer should further demonstrate:

- a) availability by owning at least 50% of the required key and critical equipment for this work and the remaining 50% can be deployed on lease /hire basis for all works provided, the relevant documents (Applicants shall indicate the make, year of manufacture, capacity and working conditions of each of the equipments along with RC issued by R.T.O. / Sale deed/purchase invoice, hire/lease agreements) shall be furnished.

SL NO	Key / critical Equipment	Min Required			Total
		Owned	Lease /Hired	Unit	
1	Excavator of 0.6 cum capacity bucket	1	1	Nos	2
2	Vehicle mounted Tower Ladder	1	1	Nos	2
3	Truck mounted Crane	1	1	Nos	2

- b) Liquid assets and or availability of credit facilities of no less than **Rs. 159 Lakhs** (Credit lines/ letters of credit/ certificates from banks for meeting the fund requirement etc.

BANKER'S CERTIFICATE
<p>This is to certify that M/s. is a reputed company with a good financial standing. If the contract for this work “CONVERSION OF LT OVER HEAD LINES BY LT UNDER GROUND CABLE AT CHENNAMMA NAGAR AND TILAKWADI AREA IN BELAGAVI CITY-PACKAGE-4” is awarded to the above firm, we shall be able to provide overdraft/credit facilities to the extent of Rs. 159 Lakhs to meet the working capital requirements for executing the above contract</p> <p style="text-align: right;">Sd/- Senior Bank Manger, Name of the Bank,Address</p>

- c) In case of the death of a contractor after executing the agreement/commencement of the work, his legal heir, if an eligible registered contractor and willing, can execute and complete the work at the accepted tender rates irrespective of the cost of work.

3.4 To qualify for a package of contracts made up of this and other contracts for which tenders are invited in this IFT, the tenderer must demonstrate having experience and resources to meet the aggregate of the qualifying criteria for the individual contracts.

3.5 Sub-contractors' experience and resources shall not be taken into account in determining the tenderer compliance with the qualifying criteria except to the extent stated in 3.2 (d) and (e) above.

3.6 Tenderers who meet the above specified minimum qualifying criteria, will only be qualified, if their available tender capacity is more than the total tender value. The available tender capacity will be calculated as under:

$$\text{Assessed available tender capacity} = (A * N * 1.50 - B)$$

Where,

A = Maximum value of civil/Electrical engineering works executed in any one year during the last five years (*updated to 2018-19 price level*) taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which tenders are invited

B = Value, at 2018-19 price level, of existing commitments and on-going works to be completed during the next **(12/12) year**

Note: *The statements showing the value of existing commitments and on-going works as well as the stipulated completion period, remaining period for each of the works listed should be countersigned by the Employer in charge, not below the rank of an Executive Engineer or equivalent.*

3.7 Even though the tenderers meet the above criteria, they are subject to be disqualified if they have:

- made misleading or false representations in the forms, statements and attachments submitted in proof of the qualification requirements; and/or
- record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc.; and/or
- Participated in the previous Tender for the same work and had quoted unreasonably high tender prices and could not furnish rational justification.

4. One Tender per Tenderer:

4.1 Each tenderer shall submit only one tender for one work. A tenderer who submits or participates in more than one Tender (other than as a sub-contractor or in cases of alternatives that have been permitted or requested) will cause all the proposals with the Tenderer's participation to be disqualified.

5. Cost of Tendering:

5.1 The tenderer shall bear all costs associated with the preparation and submission of his tender, and the Employer will in no case be responsible and liable for those costs.

6. Site visit:

6.1 The Tenderer at his own responsibility and risk is encouraged to visit and examine the Site of Works and its surroundings and obtain all information that may be necessary for preparing the Tender and entering into a contract for construction of the Works. The cost of visiting the Site shall be at the Tenderer's own expense.

B. Tender documents

7. Content of Tender documents

The Contractor should go through the Tender Document and submit the response /commercial /technical through e-procurement portal online after downloading the tender document.

8. Clarification of Tender Documents

8.1 A prospective tenderer requiring any clarification of the tender documents may notify the Employer in writing or by cable (hereinafter "cable" includes telex and facsimile) at the Employer's address indicated in the invitation to tender. The Employer will respond to any request for clarification which he receives earlier than 15 days prior to the deadline for submission of tenders. Copies of the Employer's response will be forwarded to all purchasers of the tender documents, including a description of the enquiry but without identifying its source.

8.2 Pre-tender meeting:

8.2.1 The tenderer or his authorized representative is invited to attend a pre-tender meeting which will take place at the office of the Employer as mentioned in the e-procurement portal.

8.2.2 The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage

8.2.3 The tenderer is requested to submit any questions in writing or by cable to reach the Employer not later than one week before the meeting.

8.2.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of enquiry) and the responses given will be transmitted without delay to all purchasers of the tender documents. Any modification of the tender documents listed in Sub-Clause 7.1 which may become necessary as a result of the pre-tender meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 9 and not through the minutes of the pre-tender meeting.

8.2.5 Non-attendance at the pre-tender meeting will not be a cause for disqualification of a tenderer.

9. Amendment of Tender documents

9.1 Before the deadline for submission of tenders, the Employer may modify the tender documents by issuing addenda.

9.2 Any addendum thus issued shall be part of the tender documents and shall be posted online in the e-procurement portal which Contractors should download.

9.3 To give prospective Tenderers reasonable time in which to take an addendum into account in preparing their tenders, the Employer shall extend as necessary the deadline for submission of tenders on line through e-procurement portal, in accordance with Sub-Clause 16.2 below.

C. Preparation of Tenders

10. Documents comprising the Tender

10.1 The tender submitted by the Tenderer shall be in two covers and shall contain the documents as follows:

10.1.1 First Cover: (Only online)

(a) Earnest Money Deposit; on line payment through e-Procurement platform and in the form as specified in the e-procurement portal

(b) Qualification Information as per formats given in Section 3;

(c) Tender transaction fee. Online payment through e-Procurement platform.

(d) General eligibility criteria.

10.1.2 Second Cover: (Only online)

(a) The Tender (in the format indicated in Section 4)

(b) Priced Bill of Quantities (Section 9); online through e-procurement portal, no hardcopy of commercials should be attached or disclosed.

and any other materials required to be completed and submitted by Tenderers in accordance with these instructions. The documents listed under Sections 3, 4, 6 and 9 shall be filled in without exception.

10.2 Tenderers submitting tenders together with other contracts stated in the IFT to form a package will so indicate in the tender together with any discounts offered for the award of more than one contract.

11. Tender prices

11.1 The contract shall be for the whole works as described in Sub-Clause 1.1, based on the priced Bill of Quantities submitted by the Tenderer.

- 11.2 The Tenderer shall fill in rates and prices for each item of Work described in the Bill of Quantities in the E-procurement portal.
- 11.3 Items for which no rate or price is entered by the Tenderer will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities. Corrections, if any, shall be made online only before the submission of the bid.
- 11.4 All duties, taxes, and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total Tender Price submitted by the Tenderer.
- 11.5 The rates and prices quoted by the Tenderer shall be subject to adjustment during the performance of the Contract in accordance with the provisions of Clause of the Conditions of Contract

12. Tender validity

- 12.1 Tenders shall remain valid for a period not less than **90 days** after the deadline date for tender submission specified in Clause 16. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.
- 12.2 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the Tenderers may extend the period of validity for a specified additional period. The request and the Tenderers' responses shall be made in writing or by cable. A Tenderer may refuse the request without forfeiting his earnest money deposit. A Tenderer agreeing to the request will not be required or permitted to modify his tender, but will be required to extend the validity of his earnest money deposit for a period of the extension, and in compliance with Clause 13 in all respects.

13. Earnest money deposit

13.1 Earnest Money Deposit/ Bid security

The supplier/contractor can pay the Earnest Money Deposit (EMD) in the e-Procurement portal using any of the following payment modes: **(For detailed procedures visit eprocurement portal)**

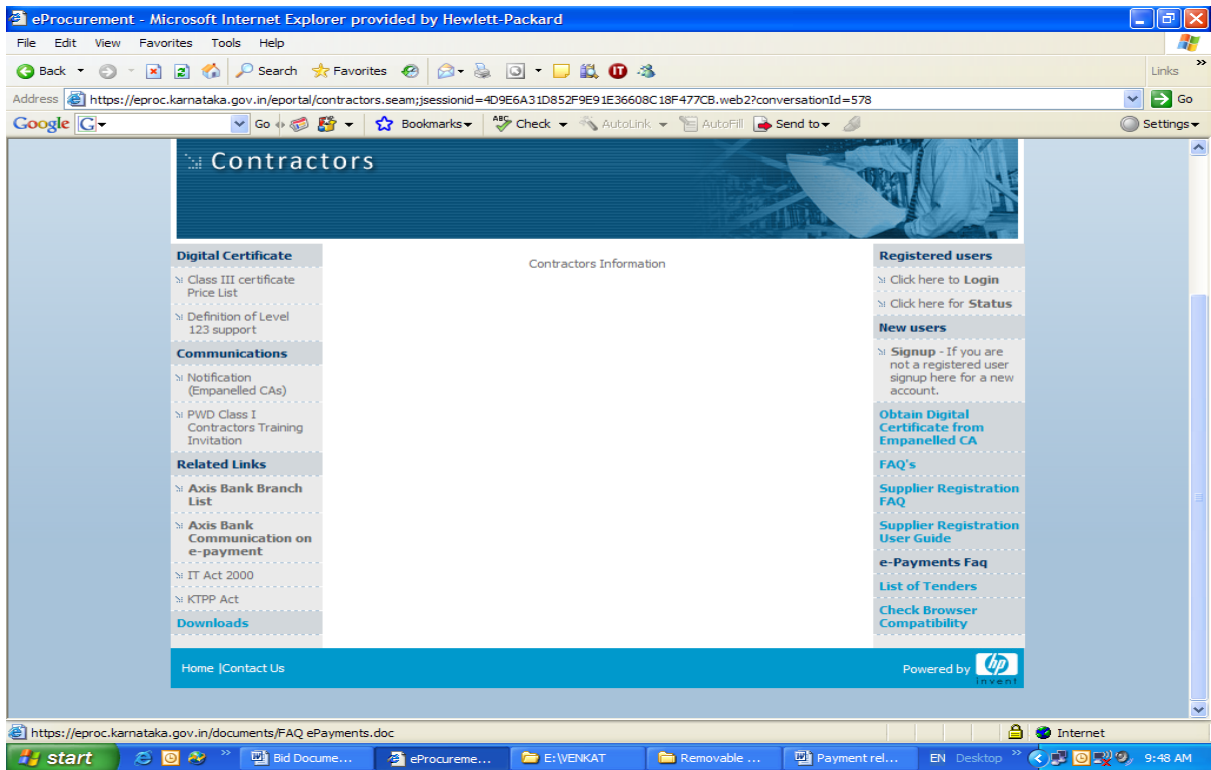
- 1 Credit Card
- 2 Direct Debit/ Net Banking
- 3 National Electronic Fund Transfer (NEFT)
- 4 Over the Counter (OTC) payment

The contractor shall furnish the requisite EMD only through e-payment, **The MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI.**

The supplier/contractor's bid will be evaluated only on confirmation of receipt of the payment (EMD) in the Government of Karnataka central pooling a/c held at designated Bank

EMD amount will have to be submitted by the supplier/contractor taking into account the following conditions:

- a. EMD will be accepted only in the form of electronic cash (and not through Demand Draft or Bank Guarantee) and will be maintained in the Govt.'s central pooling account at Designated Bank until the contract is closed.
- b. The entire EMD amount for a particular tender has to be paid in a single transaction
For details on e-Payment services refer to e-procurement portal for more details on the process.



Refund of EMD

Based on the instructions of Tender Accepting Authority (TAA) the EMD amount of the unsuccessful bidders will be refunded to the respective Bank a/c's of the supplier/contractor registered in the e-Procurement system .

- 13.2 Instruments having fixed validity issued as earnest money deposit for the tender shall be valid for 45 days beyond the validity of the tender
- 13.3 Any tender not accompanied by an acceptable earnest money deposit and not secured as indicated in Sub-Clauses 13.1 and 13.2 above shall be rejected by the Employer as non-responsive.
- 13.4 The earnest money deposit of unsuccessful Tenderers will be returned within 30 days of the end of the tender validity period specified in Sub-Clause 12.1.
- 13.5 The earnest money deposit of the successful Tenderer will be discharged when the Tenderer has signed the Agreement and furnished the required Performance Security.
- 13.6 The earnest money deposit may be forfeited:
 - (a) if the Tenderer withdraws the Tender after tender opening during the period of tender validity;
 - (b) if the Tenderer does not accept the correction of the Tender Price, pursuant to Clause 24; or
 - (c) in the case of a successful Tenderer, if the Tenderer fails within the specified time limit to
 - (i) sign the Agreement; or
 - (ii) furnish the required Security deposit

14. Format and signing of Tender

- 14.1 Tenderer shall submit the Bid electronically before the submission date and time notified in e-procurement portal.
- 14.2 The documents uploaded for the technical bid shall be typed or written in indelible ink and shall be signed by a person or persons duly authorized to sign on behalf of the Tenderer. All pages of the tender where entries or amendments have been made shall be initialed by the person signing the tender. Scanned copy of the same shall be uploaded in e-procurement

D. Submission of Tenders

15. Tenderer shall submit the Bid electronically before the submission date and time notified in e-procurement portal.

16. Deadline for submission of the Tenders

16.1 In online e-procurement system, tenderer shall not be able to submit the bid after the bid submission time and date as the icon or the task in the e-procurement portal will not be available.

16.2 The Employer may extend the deadline for submission of tenders by issuing an amendment in accordance with Clause 5, in which case all rights and obligations of the Employer and the Tenderers previously subject to the original deadline will then be subject to the new deadline.

17. Late Tenders

17.1 In online e-procurement system, you shall not be able to submit the bid after the bid submission time and date as the icon or the task in the e-procurement portal will not be available.

18. Modification and Withdrawal of Tenders

Tender has all the time to modify and correct or upload any relevant document in the portal till Bid submission date and time, as published in the e-procurement portal.

E- Tender opening and evaluation

19. Opening of First Cover of all Tenders and evaluation to determine qualified Tenderers:

19.1 The Employer will open online the First Covers of all the Tenders received through e-procurement portal, in the presence of the Tenderers or their representatives who choose to attend at the date, time and the venue specified in the e-procurement portal. In the event of the specified date of Tender opening being declared a holiday for the Employer, the Tenders will be opened at the appointed time and location on the next working day.

19.2 Not Applicable

19.3 The Tenderers names, the presence or absence of earnest money deposit (amount, format and validity), the submission of qualification information and such other information as the Employer may consider appropriate will be announced by the Employer at the opening.

19.4 The Employer shall prepare minutes of the Tender opening, including the information disclosed to those present in accordance with Sub-Clause 19.3

19.5 NA

19.6 The Employer will evaluate and determine whether each tender (a) meets the eligibility criteria defined in ITT Clause 2; (b) is accompanied by the required earnest money deposit as per stipulations in ITT Clause and (c) meets the minimum qualification criteria stipulated in ITT Clause 3. The Employer will draw out a list of qualified Tenderers.

20. Opening of Second Cover of qualified Tenderers and evaluation:

20.1 The Employer will inform all the Qualified Tenderers the time, date and venue fixed for the opening of the Second Cover containing the priced Tenders. The Employer will open online the Second Covers of Qualified Tenderers at the date, time and the venue specified in the e-procurement portal, in the presence of the Tenders or their representatives who choose to attend. In the event of the specified date of Second Cover opening being declared a holiday for the Employer, the Second Covers will be opened at the appointed time and location on the next working day.

20.2 Not Applicable

20.3 The Tenderers' names, the Tender prices, the total amount of each Tender, and such other details as the Employer may consider appropriate, will be announced by the Employer at the opening.

20.4 The employer shall prepare minutes of the tender opening including the information disclosed to those present in accordance with the sub clause 20.3

21. Process to be confidential

- 21.1 Information relating to the examination, clarification, evaluation, and comparison of Tenders and recommendations for the award of a contract shall not be disclosed to Tenderers or any other persons not officially concerned with such process until the award to the successful Tenderer has been announced. Any effort by a Tenderer to influence the Employer's processing of Tenders or award decisions may result in the rejection of his Tender.

22 Clarification of Tenders

- 22.1 To assist in the examination, evaluation, and comparison of Tenders, the Employer may, at his discretion, ask any Tenderer for clarification of his Tender, including breakdowns of unit rates. The request for clarification and the response shall be in writing or by cable, but no change in the price or substance of the Tender shall be sought, offered, or permitted.
- 22.2 Subject to sub-clause 22.1, no Tenderer shall contact the Employer on any matter relating to its Tender from the time of the Tender opening to the time the contract is awarded. If the Tenderer wishes to bring additional information to the notice of the Employer, it should do so in writing.
- 22.3 Any effort by the Tenderer to influence the Employer in the Employer's Tender evaluation, Tender comparison or contract award decisions may result in the rejection of the Tenderers' Tender.

23. Examination of Tenders and determination of responsiveness

- 23.1 Prior to the detailed evaluation of Tenders, the Employer will determine whether each Tender; (a) has digitally signed; and; (b) is substantially responsive to the requirements of the Tender documents.
- 23.2 A substantially responsive Tender is one which conforms to all the terms, conditions, and specifications of the Tender documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the Tender documents, the Employer's rights or the Tenderer's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other Tenderers presenting substantially responsive Tenders.
- 23.3 If a Tender is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

24. Correction of errors

The Tenderer can do Modification/corrections/changes to their bids till the last time and date of Submission of bid in e-Procurement Portal only

25. Evaluation and comparison of Tenders

- 25.1 The Employer will evaluate and compare only the Tenders determined to be substantially responsive in accordance with Clause 23.
- 25.2 Deleted.
- 25.3 The Employer reserves the right to accept or reject any variation, deviation, or alternative offer. Variations, deviations, and alternative offers and other factors which are in excess of the requirements of the Tender documents or otherwise result in unsolicited benefits for the Employer shall not be taken into account in Tender evaluation.
- 25.4 The estimated effect of the price adjustment conditions under Clause 41 of the Conditions of Contract, during the implementation of the Contract, will not be taken into account in tender Evaluation
- 25.5 If the tender of the successful tenderer is seriously unbalanced in relation to the Employer's estimate of the cost of the work to be performed under the contract, the Employer may require the Tenderer to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, the Employer may require that the amount of the performance security set forth in Clause 29 be increased at the expense of the successful Tenderer to a level sufficient to protect the Employer against financial loss in the event of default of the successful under the contract.

F. Award of Contract

26. Award criteria

26.1 Subject to Clause 27, the Employer will award the Contract to the Tenderer whose Tender has been determined to be substantially responsive to the Tender documents and who has offered the lowest evaluated Tender Price, provided that such Tenderer has been determined to be (a) eligible in accordance with the provisions of Clause 2, and (b) qualified in accordance with the provisions of Clause 3.

27. Employer's right to accept any Tender and to reject any or all Tenders

27.1 Notwithstanding Clause 26, the Employer reserves the right to accept or reject any Tender, and to cancel the Tender process and reject all Tenders, at any time prior to the award of Contract, without thereby incurring any liability to the affected Tenderer or Tenderers or any obligation to inform the affected Tenderer or Tenderers of the grounds for the Employer's action.

28. Notification of award and signing of Agreement

28.1 The Tenderer whose Tender has been accepted will be notified of the award by the Employer prior to expiration of the Tender validity period by, e-mail or facsimile or e-procurement portal or through letter. This letter (hereinafter and in the *Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay the Contractor in consideration of the execution, completion, and maintenance of the Works by the Contractor as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price").

28.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of Security deposit in accordance with the provisions of Clause 29.

28.3 The Agreement will incorporate all agreements between the Employer and the successful Tenderer. It will be kept ready for signature of the successful Tenderer in the office of Employer within 30 days following the notification of award along with the Letter of Acceptance. Within 20 days of receipt, the successful Tenderer will sign the Agreement and deliver it to the Employer.

28.4 Upon the furnishing by the successful Tenderer of the Performance Security, the Employer will promptly notify the other Tenderers that their Tenders have been unsuccessful.

29. Security deposit

29.1 Within 20 days of receipt of the Letter of Acceptance, the successful Tenderer shall deliver to the Employer a Security deposit in any of the forms given below for an amount equivalent to 5 % of the Contract price plus additional security for unbalanced tenders in accordance with Clause 25.5 of ITT and Clause 44 of the Conditions of Contract. For all works:

- Cash or
- Banker's cheque/Demand draft/Pay Order in favour of **THE MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI payable at BELAGAVI.**
- A bank guarantee in the form given in Section 10; or
- Specified Small Savings Instruments pledged to **THE MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI payable at BELAGAVI.**
- Fixed Deposit Receipts pledged in the name of **THE MANAGING DIRECTOR, BELAGAVI SMART CITY LIMITED BELAGAVI payable at BELAGAVI.**

29.2 If the security deposit is provided by the successful Tenderer in the form of a Bank Guarantee, it shall be issued either by a Nationalized/Scheduled bank.

29.3 The security deposit if furnished in demand draft can, if requested, be converted to interest bearing securities at the cost of the contractor.

29.4 Failure of the successful Tenderer to comply with the requirements of Sub-Clause 29.1 shall constitute sufficient grounds for cancellation of the award and forfeiture of the Earnest money deposit.

30. Advance Payment and Security:

30.1 The Employer will provide an advance payment on the contract price as stipulated in the Conditions of Contract, subject to the maximum amount as stated in the Contract Data.

31. Corrupt or Fraudulent practices

- 31.1 The Government of Karnataka (GOK) requires that the Tenderers/Suppliers/Contractors, observe the highest standard of ethics during the procurement and execution of such contracts. In pursuance of this policy, GOK:
- (a) will reject a proposal for award if it determines that the Tenderer recommended for award has engaged in corrupt or fraudulent practices in competing for the contract in question;
 - (b) will declare a firm ineligible, either indefinitely or for a stated period of time, to be awarded a GOK contract if it at any time determines that the firm has engaged in corrupt or fraudulent practices in competing for, or in executing, a GOK contract.
- 31.2 Furthermore, Tenderers shall be aware of the provision stated in sub-clause 50.2 of the Conditions of Contract.

SECTION 3: QUALIFICATION INFORMATION

The information to be filled in by the Tenderer hereunder will be used for purposes of computing Tender capacity as provided for in Clause 3 of the Instructions to Tenderers. This information will not be incorporated in the Contract.

- 1.1 Constitution or legal status of Tenderer [Attach copy]
 Place of Registration (Attach Copy)
 Principal place of business: (Attach Copy)

- 1.2 Total value of works executed and payments received in the last five years

2013 – 14 -----
 2014 - 15 -----
 2015 - 16 -----
 2016 - 17 -----
 2017 - 18 -----

- 1.3 Work performed as Prime Contractor (in the same name) on works of similar nature over during the five years specified in 1.2 above.

Project Name	Name of Employer	Description of Work	Contract Number	Value of contract Rs Lakhs	Date of issue of Work	Specified period of completion	Actual date of completion	Remarks explaining reasons for delay in completion of work
1	2	3	4	5	6	7	8	9

- 1.4 Quantities of work executed as prime contractor (in the same name) during the last five years specified in 1.2 above:

Year	Name of Work	Name of Employer	Quantity of work performed (As per Section 3 Qualification of the Tenderer Clause 3.2 (c))	Remarks (Indicate contract reference)
1	2	3	4	5
2013-14				
2014-15				
2015-16				
2016-17				
2017-18				

1.5 Information on works for which Tenders have been submitted and works which are yet to be completed as on the date of this Tender.

(A) Existing commitments and on-going works:

Description of Work	Place & State	Contract No. & Date	Name & Date Address of Employer	Value of Contract (Rs. Lakhs)	Stipulated period of completion	Value of works remaining to be completed (Rs. Lakhs)	Anticipated date of completion
1	2	3	4	5	6	7	8

(B) Works for which Tenders already submitted:

Description of Work	Place & State	Name & Date Address of Employer	Estimated value of works (Rs. Lakhs)	Stipulated period of completion	Date when decision is expected	Remarks if any
1	2	3	4	5	6	7

1.6 The following items of equipment are considered essential for successfully carrying out the works. The tenderer should furnish all the information listed below. **(as specified in clause 3.3a)**

Item of Equipment	Requirement No. Capacity	Owned	Owned and available Number/Capacity Age/Condition	Remarks
(as specified in clause 3.3a)				

1.7 Reports on the financial standing of the tenderer, such as profit and loss statements and auditor's reports for the last five years;

1.8 Qualification and experience of the key technical and management personnel in permanent employment with the tenderer and those that are proposed to be deployed on this contract, if awarded.

Position*	Name	Qualifications	Years of experience (general)	Years of experience in the proposed position
Project Manager-1Nos		Graduate in Electrical Engineering	10 years	3 years
Site Engineer (Ele) -1 Nos		Graduate in Electrical Engineering	7 years	3 years
Site Supervisors-2 Nos		Diploma in Electrical Engineering	5 years	3 years

**Minimum requirement-*

- 1.9. Name, address, and telephone, telex, and fax numbers of the Tenderers' bankers who may provide references if contacted by the Employer.
- 1.10. Evidence of access to financial resources to meet the qualification requirement specified in ITT Clause 3.3 (b): Cash in hand, Letter of Credit etc. List them below and attach certificate from the Banker in the suggested format as under:
- 1.11. Deleted
- 1.12. Information on litigations in which the Tenderer is involved:

Other Party (ies)	Employer	Details of dispute	Amount involved	Remarks showing present status
1	2	3	4	5

- 1.13. The proposed methodology and program of construction, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

SECTION 4: FORMS OF TENDER, LETTER OF ACCEPTANCE, NOTICE TO PROCEED WITH THE WORK AND AGREEMENT FORM

Form of Tender

Description of the Works -----

Tender

To :
Address :

GENTLEMEN,

We offer to execute the Works described above in accordance with the Conditions of Contract accompanying this Tender for the Contract Price of

This Tender and your written acceptance of it shall constitute a binding contract between us. We understand that you are not bound to accept the lowest or any tender you receive.

The advance payment required is Rs _____ Lakhs

We undertake that, in competing for (and, if the award is made to us, in executing) the above contract, we will strictly observe the laws against fraud and corruption in force in India namely "Prevention of Corruption Act 1988".

We hereby confirm that this Tender complies with the Tender validity and Earnest money deposit required by the Tender documents.

We attach herewith our current income-tax clearance certificate.

Authorized Signature:

Name & Title of Signatory: _____

Name of Tenderer _____

Address: _____

Letter of Acceptance
(letterhead paper of the Employer)

_____ [date]

To: _____
[name and address of the Contractor]

Dear Sirs,

This is to notify you that your Tender dated _____ for execution of the -----
-----for the Contract Price of Rupees () [amount in words and figures], as corrected and modified in accordance with the Instructions to Tenderers is hereby accepted by our Agency.

You are hereby requested to furnish Security deposit plus additional security for unbalanced tenders in terms of Clause 25.5 of ITT, in the form detailed in Clause 29.1 of ITT for an amount of Rs. _____ within 20 days of the receipt of this letter of acceptance valid up to 30 days from the date of expiry of Defects Liability Period (Project period+Deffect liability period+one month) i.e. up to from the date of Agreement and sign the contract, failing which action as stated in Para 29.4 of ITT will be taken.

Yours faithfully,

Authorized Signature

Name and Title of Signatory

Name of Agency

Issue of Notice to proceed with the work
(letterhead of the Employer)

_____ (date)

To

_____ (name and address of the Contractor)

Dear Sirs:

Pursuant to your furnishing the requisite security deposit as stipulated in ITT Clause 29.1 and signing of the contract agreement for the construction of ----- at Tender Price of Rs.—
_____, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

Agreement Form

Agreement

This agreement, made the _____ day of _____ 20_____, between
..... (hereinafter called “the Employer”) of the one part and

_____ [name and address of contractor] (hereinafter
called “the Contractor”) of the other part.

Whereas the Employer is desirous that the Contractor execute -----
i.e. (hereinafter called “the Works”) and the Employer has accepted the Tender by the Contractor for the execution
and completion of such Works and the remedying of any defects therein at a contract price of
Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expression shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to, and they shall be deemed to form and be read and construed as part of this Agreement.
2. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy any defects therein in conformity in all aspects with the provisions of the Contract.
3. The Employer hereby covenants to pay the Contractor in consideration of the execution and completion of the Works and the remedying the defects wherein the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - i) Letter of Acceptance;
 - ii) Notice to proceed with the works;
 - iii) Contractor’s Tender;
 - iv) Contract Data;
 - v) Conditions of contract (including Special Conditions of Contract);
 - vi) Specifications;
 - vii) Drawings;
 - viii) Bill of Quantities; and
 - ix) Any other document listed in the Contract Data as forming part of the contract.

In witness whereof the parties thereto have caused this Agreement to be executed the day and year first before written.

The Common Seal of _____
was hereunto affixed in the presence of:
Signed, Sealed and Delivered by the said _____

in the presence of:
Binding Signature of Employer _____
Binding Signature of Contractor _____

SECTION 5: CONDITIONS OF CONTRACT

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Conditions of Contract

A. General

1. Definitions

- 1.1 Terms which are defined in the Contract Data are not also defined in the Conditions of Contract but keep their defined meanings. Bold letters are used to identify defined terms.

Bill of Quantities means the priced and completed Bill of Quantities forming part of the Tender.

Compensation events are those defined in Clause 38 hereunder.

The **Completion Date** is the date of completion of the Works as certified by the Employer in accordance with Sub Clause 46.1.

The **Contract** is the contract between the Employer and the Contractor to execute, complete and maintain the Works. It consists of the documents listed in Clause 2.2 below.

The **Contract Data** defines the documents and other information which comprise the Contract.

The **Contractor** is a person or corporate body whose Tender to carry out the Works has been accepted by the Employer.

The **Contractor's Tender** is the completed Tender document submitted by the Contractor to the Employer.

The **Contract price** is the price stated in the Letter of Acceptance and thereafter as adjusted in accordance with the provisions of the Contract.

Days are calendar days; **months** are calendar months.

A **Defect** is any part of the Works not completed in accordance with the Contract.

The Defects liability period is the period named in the Contract Data and calculated from the Completion Date.

The **Employer** is the party who will employ the Contractor to carry out the Works.

Equipment is the Contractor's machinery and vehicles brought temporarily to the Site to construct the Works.

The **Initial Contract price** is the Contract Price listed in the Employer's Letter of Acceptance.

The **Intended Completion Date** is the date on which it is intended that the Contractor shall complete the Works. The Intended Completion Date is specified in the Contract Data. The Intended Completion Date may be revised only by the Employer by issuing an extension of time.

Materials are all supplies, including consumables, used by the contractor for incorporation in the Works.

Plant is any integral part of the Works which is to have a mechanical, electrical, electronic or chemical or biological function.

The **Site** is the area defined as such in the Contract Data.

Specification means the Specification of the Works included in the Contract and any modification or addition made or approved by the Employer.

The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the works. It does not necessarily coincide with any of the Site Possession Dates.

A SUBCONTRACTOR----- DELETED-----

A **Variation** is an instruction given by the Employer which varies the Works.

The **Works** are what the Contract requires the Contractor to construct, install, and turn over to the Employer, as defined in the Contract Data.

2. Interpretation

- 2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Employer will provide instructions clarifying queries about the Conditions of Contract.

2.2 The documents forming the Contract shall be interpreted in the following order of priority:

- (1) Agreement
- (2) Letter of Acceptance, notice to proceed with the works
- (3) Contractor's Tender
- (4) Contract Data
- (5) Conditions of Contract
- (6) Specifications
- (7) Drawings
- (8) Bill of quantities and
- (9) Any other document listed in the Contract Data as forming part of the Contract.

3. Law governing contract

3.1 The law governing the Contract is the Laws of India supplanted by the Karnataka Local Acts.

4. Employer's decisions

4.1 Except where otherwise specifically stated, the Employer will decide contractual matters between the Employer and the Contractor.

5. Delegation

5.1 The Employer may delegate any of his duties and responsibilities to other people after notifying the Contractor and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 Communications between parties which are referred to in the conditions are effective only when in writing. A notice shall be effective only when it is delivered (in terms of Indian Contract Act).

7. Subcontracting Deleted

7.1 **This Clause is deleted.**

8. Other Contractors

8.1 The Contractor shall cooperate and share the Site with other contractors, public authorities, utilities, and the Employer.

9. Personnel

9.1 The Contractor shall employ the technical personnel (of number and qualifications) as may be stipulated by GOK from time to time during the execution of the work. The technical staff so employed shall be available at site as may be stipulated by the Employer.

9.2 If the Employer asks the Contractor to remove a person who is a member of the Contractor's staff or his work force stating the reasons, the Contractor shall ensure that the person leaves the Site within seven days and has no further connection with the work in the Contract.

10. Employer's and Contractor's risks

10.1 The Employer carries the risks which this Contract states are Employer's risks, and the Contractor carries the risks which this Contract states are Contractor's risks.

11. Employer's risks

11.1 The Employer is responsible for the excepted risks which are:

- (a) rebellion, riot commotion or disorder unless solely restricted to employees of the Contractor or his Sub-Contractors arising from the conduct of the Works; or
- (b) a cause due solely to the design of the Works, other than the Contractor's design; or
- (c) any operation of the forces of nature (in so far as it occurs on the Site) which an experienced contractor:
 - (i) could not have reasonably foreseen; or
 - (ii) could reasonably have foreseen, but against which he could not reasonably have taken at least one of the following measures;
 - (A) prevent loss or damage to physical property from occurring by taking appropriate measures or
 - (B) insure against such loss or damage

12. Contractor's risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks are the responsibility of the Contractor.

13. Insurance:

13.1 The Contractor shall prior to commencing the works, effect and thereafter maintain insurances, in the joint names of the Employer and the Contractor, (cover from the first working day after the Start Date to the end of Defects Liability Period), in the amounts stated in the Contract Data :

- (a) for loss of or damage to the Works, Plants and Materials and the Contractor's equipment;
 - (b) for liability of both Parties for loss, damage, death and injury to third parties or their property arising out of the Contractor's performance of the Contract including the Contractor's liability for damage to the Employer's property other than the Works and
 - (c) for liability of both Parties and of any Employer's representative for death and injury to the Contractor's personnel except to the extent that liability arises from the negligence of the Employer, any Employer's representative or their Employees.
- 13.2 Policies and certificates for insurance shall be delivered by the Contractor to the Employer for his approval before the Start Date. All such insurance shall provide for compensation to be payable to rectify the loss or damage incurred. All payments received from insurers relating to loss or damage shall be held jointly by the Parties and used for the repair of the loss or damage or as compensation for loss or damage that is not to be repaired.
- 13.3 If the Contractor fails to effect or keep in force any of the insurances referred to in the previous sub-clauses or fails to provide satisfactory evidence, policies or receipts, the Employer may without prejudice to any other right or remedy, effect insurance for the cover relevant to such default and pay the premiums due and recover the same as a deduction from any other monies due to the Contractor. If no payments is due, the payment of the premiums shall be a debt due.
- 13.4 Alterations to the terms of insurance shall not be made without the approval of the Employer.
- 13.5 Both Parties shall comply with any conditions of the insurance policies.

14. Site Investigation Reports:

14.1 The Contractor, in preparing the tender, shall rely on any site investigation reports referred to in the Contract data, supplemented by any information available to the Tenderer.

15. Queries about the Contract Data

15.1 The Employer will clarify queries on the Contract Data.

16. Contractor to construct the Works

16.1 The Contractor shall construct the Works in accordance with the Specification and Drawings.

17. The Works to be completed by the Intended Completion Date

17.1 The Contractor may commence execution of the Works on the Start Date and shall carry out the Works in accordance with the program submitted by the Contractor, as updated with the approval of the Employer, and complete them by the Intended Completion Date.

18. Approval by the Employer:

18.1 The Contractor shall submit Specification and drawings showing the proposed Temporary Works to the Employer, who is to approve them if they comply with the Specifications and Drawings.

18.2 The Contractor shall be responsible for the design of Temporary Works

18.3 The Employer's approval shall not alter the Contractor's responsibility for design of the Temporary Works.

18.4 The Contractor shall obtain approval of third parties to the design of third parties to the design of the temporary Works where required.

18.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Employer before their use. Any deviation/ modification required for the drawing as per site condition, contractor has to submit the drawing and get the approval from the Client before executing the work.

18.6 The Contractor shall submit all shop drawings and vendor specific details based on schematic drawings provided at tender stages.

19. Safety

19.1 The Contractor shall be responsible for the safety of all activities on the Site.

20. Discoveries

20.1 Anything of historical or other interest or of significant value unexpectedly discovered on the Site is the property of the Employer. The Contractor is to notify the Employer of such discoveries and carry out the Employer's instructions for dealing with them.

21. Possession of the Site

21.1 The Employer shall give possession of all parts of the Site to the Contractor. If possession of a part is not given by the date stated in the Contract Data the Employer is deemed to have delayed the start of the relevant activities and this will be Compensation Event.

22. Access to the Site

22.1 The Contractor shall allow the Employer and any person authorized by the Employer 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 plant are being manufactured / fabricated / assembled for the works.

23. Instructions

23.1 The Contractor shall carry out all instructions of the Employer which comply with the applicable laws where the Site is located.

24. Procedure for resolution of Disputes: (Not Applicable)

24.1 If the Contractor is not satisfied with the decision taken by the Employer, the dispute shall be referred by either party to Arbitration within 30 days of the notification of the Employer's decision.

24.2 If neither party refers the dispute to Arbitration within the above 30 days, the Employer's decision will be final and binding.

24.3 The Arbitration shall be conducted in accordance with the arbitration procedure stated in the Special Conditions of Contract.

B. Time Control

25. Program

- 25.1 Within the time stated in the Contract Data the Contractor shall submit to the Employer for approval a Program showing the general methods, arrangements, order, and timing for all the activities in the Works.
- 25.2 The Employer's approval of the Program shall not alter the Contractor's obligations. The Contractor may revise the Program and submit it to the Employer again at any time. A revised Program is to show the effect of Variations and Compensation Events.

26. Extension of the Intended Completion Date

- 26.1 The Employer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date.
- 26.2 The Employer shall decide whether and by how much to extend the Intended Completion Date within 21 days of the Contractor asking the Employer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information.

27. Delays ordered by the Employer

- 27.1 The Employer may instruct the Contractor to delay the start or progress of any activity within the Works.

28. Management meetings

- 28.1 The Employer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the progress achieved and the plans for remaining work.
- 28.2 The responsibility of the parties for actions to be taken is to be decided by the Employer either at the management meeting or after the management meeting and stated in writing to be distributed to all who attended the meeting.

C. Quality Control

29. Identifying defects

- 29.1 The Employer shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractor's responsibilities. The Employer may instruct the Contractor to search for a Defect and to uncover and test any work that the Employer considers may have a Defect

30. Tests

- 30.1 If the Employer instructs the Contractor to carry out a test not specified in the Specification to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples. If there is no Defect the test shall be a Compensation Event.

31. Correction of defects

- 31.1 The Employer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins at Completion and is defined in the Contract Data. The Defects Liability Period shall be extended for as long as Defects remain to be corrected.
- 31.2 Every time notice of a Defect is given, the Contractor shall correct the notified Defect within the length of time specified by the Employer's notice.

32. Uncorrected defects

- 32.1 If the Contractor has not corrected a Defect within the time specified in the Employer's notice, the Employer will assess the cost of having the Defect corrected, and the Contractor will pay this amount.

D. Cost Control

33. Bill of Quantities (BOQ)

- 33.1 The BOQ shall contain items for the construction, installation, testing, and commissioning work to be done by the Contractor.
- 33.2 The BOQ is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the BOQ for each item

34. Variations

- 34.1 The Employer shall have power to order the Contractor to do any or all of the following as considered necessary or advisable during the progress of the work by him
 - (a) Increase or decrease of any item of work included in the Bill of Quantities (BOQ);
 - (b) Omit any item of work;
 - (c) Change the character or quality or kind of any item of work;
 - (d) Change the levels, lines, positions and dimensions of any part of the work;
 - (e) Execute additional items of work of any kind necessary for the completion of the works; and
 - (f) Change in any specified sequence, methods or timing of construction of any part of the work.
- 34.2 The Contractor shall be bound to carry out the work in accordance with any instructions in this connection, which may be given to him in writing by the Employer and such alteration shall not vitiate or invalidate the contract.
- 34.3 Variations shall not be made by the Contractor without an order in writing by the Employer, provided that no order in writing shall be required for increase or decrease in the quantity of an item appearing in the BOQ so long as the work executed conforms to the approved drawings.
- 34.4 The Contractor shall promptly request in writing to the Employer to confirm verbal orders and the officer issuing oral instructions shall confirm it in writing within 30 days, failing which the work shall be carried out as though there is no variation. In case variation is approved it shall be accompanied by BOQ failing which the contractor shall be responsible for deviation if any. Further approval of Govt has to be obtained for the variation exceeding 5 %.

35. Payments for Variations

- 35.1 Payment for increase in the quantities of an item in the BOQ up to 25% of that provided in the Bill of Quantities shall be made at the rates quoted by the Contractor.
- 35.2 For quantities in excess of 125% of the tendered quantity of an item as given in the BOQ, the Contractor shall be paid at the rate entered in or derived from in the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract.
- 35.3 If there is no rate for the additional, substituted or altered item of the work in the BOQ, efforts would be made to derive the rates from those given in the BOQ or the Schedule of Rates (applicable for the area of the work and current at the time of award of contract) and if found feasible the payment would be made at the derived rate for the item plus or minus the overall percentage of the original tendered rates over the current Schedule of Rates prevalent at the time of award of contract
- 35.4 If the rates for additional, substituted or altered item of work cannot be determined either as at 35.1 or 35.2 or 35.3 above, the Contractor shall be requested to submit his quotation for the items supported by analysis of the rate or rates claimed, within 7 days.
- 35.5 If the Contractor's quotation is determined unreasonable, the Employer may order the Variation and make a change to the Contract Price which shall be based on Employer's own forecast of the effects of the Variation on the Contractor's costs.
- 35.6 If the Employer decides that the urgency of varying the work would prevent a quotation being given and considered without delaying the work, no quotation shall be given and the Variation shall be treated as a Compensation Event.
- 35.7 Under no circumstances the Contractor shall suspend the work on the plea of non-settlement of rates for items falling under this Clause.

36. Submission of bills for payment

- 36.1 The Contractor shall submit to the Employer monthly bills of the value of the work completed less the cumulative amount paid previously.
- 36.2 The Employer shall check the Contractor's bill and determine the value of the work executed which shall comprise of (i) value of the quantities of the items in the BOQ completed and (ii) valuation of Variations and Compensation Events.
- 36.3 The Employer may exclude any item paid in a previous bill or reduce the proportion of any item previously paid in the light of later information.

37. Payments

- 37.1 Payments shall be adjusted for deductions for advance payments, other than recoveries in terms of the contract and taxes, at source, as applicable under the law. The Employer shall pay the Contractor within 60 days of submission of bill. The contractor shall be liable to pay liquidated damages for shortfall in progress.
For progress beyond the agreed programme payment is subject to availability of the grants.
- 37.2 Items of works for which no rate or price has been entered in will not be paid for by the employer and shall be deemed covered by other rates and prices in the Contract.

38. Compensation events

- 38.1 The following are Compensation events unless they are caused by the Contractor:
- (a) The Employer does not give access to a part of the Site by the Site Possession Date stated in the Contract Data.
 - (b) The Employer orders a delay or does not issue drawings, specifications or instructions required for execution of works on time.
 - (c) The Employer instructs the Contractor to uncover or to carry out additional tests upon work which is then found to have no Defects.
 - (d) The Employer gives an instruction for dealing with an unforeseen condition, caused by the Employer, or additional work required for safety or other reasons.
 - (e) The effect on the Contractor of any of the Employer's Risks.
 - (f) The Employer unreasonably delays issuing a Certificate of Completion.
 - (g) Other Compensation Events listed in the Contract Data or mentioned in the Contract.
- 38.2 If a Compensation Event would cause additional cost or would prevent the work being completed before the Intended Completion Date, the Contract Price shall be increased and/or the Intended Completion Date is extended. The Employer shall decide whether and by how much the Contract Price shall be increased and whether and by how much the Intended Completion Date shall be extended.
- 38.3 As soon as information demonstrating the effect of each Compensation event upon the Contractor's forecast cost has been provided by the Contractor, it is to be assessed by the Employer and the Contract Price shall be adjusted accordingly. If the Contractor's forecast is deemed unreasonable, the Employer shall adjust the Contract Price based on Employer's own forecast. The Employer will assume that the Contractor will react competently and promptly to the event.
- 38.4 The Contractor shall not be entitled to compensation to the extent that the Employer's interests are adversely affected by the Contractor not having given early warning or not having cooperated with the Employer.

39. Tax

- 39.1 The rates quoted by the Contractor shall be deemed to be inclusive of the sales tax , labour welfare cess and other taxes that the Contractor will have to pay for the performance of this Contract. The Employer will perform such duties in regard to the deduction of such taxes at source as per applicable law.

40. Price Adjustment: (Refer GOK Order No.FD 59 Pro.Cell 2004, Bangalore Dated 26th November 2004 AND Government order No. FD 3 PCL 2008, Bangalore, Dated :21-11-2008)

As per Government order No. FD 3 PCL 2008, Bangalore dated 21.11.2008;

“If the period of execution is more than 6 months but less than or equal to 12 months for work costing more than Rs.50.00 Lakhs, star rates in respect of specified materials (Cement, Steel and Bitumen) only shall be payable to the contractor based on the all India average wholesale price index for the said materials. The star rates adjustment shall be as per the increase or decrease in

the index as applied to the said materials between the last date for receiving bids and the date of execution as per the approved programme of works submitted by the contractor at the time of execution of agreement which shall mandatorily be a part of the agreement”

- 40.1 Contract price shall be adjusted for increase or decrease in rates and prices of labour, materials, fuels and lubricants in accordance with the following principles and procedures and as per formulae given in the Contract Data.

- (a) The price Adjustment shall apply for the work done from the date of commencement up to the end of original period of completion or extensions granted by the Employer and shall not apply to work carried out beyond the stipulated period of completion for reasons attributable to the Contractor;
- (b) Price Adjustment shall be admissible from the date of opening of tenders (original or extended)
- (c) The price adjustment shall be determined during each quarter from the formulae given in Contract Data.
- (d) Following expressions and meanings are assigned to the work done during the quarter:

R = Total value of work done during the quarter. It will **exclude** value for works executed under variations for which price adjustment (if any) will be worked out separately based on the terms mutually agreed.

- 40.2 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 Clauses in the Contract, the unit rates included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.

41. Liquidated damages

- 41.1 The Contractor shall pay liquidated damages to the Employer at the rate per day stated in the Contract Data for each day that the Completion Date is later than the Intended Completion Date (for the whole of the works or the milestone as stated in the Contract Data). The total amount of liquidated damages shall not exceed the amount defined in the Contract Data. The Employer may deduct liquidated damages from payments due to the Contractor. Payment of liquidated damages does not affect the Contractor's liabilities.
- 41.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Employer shall correct any overpayment of liquidated damages by the Contractor by adjusting the next payment of bill.

42. Advance Payments:

- 42.1 The Employer shall make payment to the Contractor of the amounts stated in the Contract Data by the date stated in the Contract Data, against provision by the Contractor of an unconditional bank guarantee in a form acceptable to the Employer issued by a Nationalized/Scheduled Bank in amounts equal to the advance payment. The guarantee shall remain effective until the advance payment has been repaid, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment.
- 42.2 The Contractor is to use the advance payment only to pay for Mobilization expenses required specifically for execution of the Works. The Contractor shall demonstrate that advance payment has been used in this way by supplying copies of invoices or other documents to the Employer.
- 42.3 The advance payment shall be repaid by deducting proportionate amounts from payments otherwise due to the Contractor, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuation of the work done, variations, price adjustments, compensation events or liquidated damages.

43. Securities:

The Security deposit (including additional security for unbalanced tenders) shall be provided to the Employer no later than the date specified in the Letter of Acceptance and shall be issued in an amount and form and type of instrument acceptable to the Employer. The Security deposit shall be valid until a date 30 days from the date of expiry of Defects Liability Period and the additional security for unbalanced tenders shall be valid until a date 30 days from the date of issue of the certificate of completion.

44. Cost of Repairs:

- 44.1 Loss or damage to the Works or Materials to be incorporated in the Works between the Start Date and the end of the Defects Correction periods shall be remedied by the Contractor at the Contractor's cost if the loss or damage arises from the Contractor's acts or omissions.

E. Finishing the Contract

45. Completion

45.1 The Contractor shall request the Employer to issue a Certificate of Completion of the Works and the Employer will do so upon deciding that the Work is completed.

46. Taking over

46.1 The Employer shall take over the Site and the Works within seven days of issuing a certificate of Completion.

47. Final account

47.1 The Contractor shall supply to the Employer a detailed account of the total amount that the Contractor considers payable under the Contract before the end of the Defects Liability Period. The Employer shall issue a Defect Liability Certificate and certify any final payment that is due to the Contractor within 90 days of receiving the Contractor's account if it is correct and complete. If it is not, the Employer shall issue within 90 days a schedule that states the scope of the corrections or additions that are necessary. If the Final Account is still unsatisfactory after it has been resubmitted, the Employer shall decide on the amount payable to the Contractor and make payment within 60 days of receiving the Contractor's revised account.

48. As built drawings and /or Operating and Maintenance Manuals

48.1 If "as built" Drawings and/or operating and maintenance manuals are required, the Contractor shall supply them by the dates stated in the Contract Data.

48.2 If the Contractor does not supply the Drawings by the dates stated in the Contract Data, or they do not receive the Employer's approval, the Employer shall withhold the amount stated in the Contract Data from payments due to the Contractor.

49. Termination

49.1 The Employer may terminate the Contract if the other party causes a fundamental breach of the Contract.

49.2 Fundamental breaches of Contract include, but shall not be limited to the following:

- (a) the Contractor stops work for 45 days when no stoppage of work is shown on the current Program and the stoppage has not been authorized by the Employer;
- (b) **deleted**
- (c) The Contractor becomes bankrupt or goes into liquidation other than for a reconstruction or amalgamation;
- (d) **deleted**
- (e) the Employer gives Notice that failure to correct a particular Defect is a fundamental breach of Contract and the Contractor fails to correct it within a reasonable period of time determined by the Employer;
- (f) the Contractor does not maintain a security which is required;
- (g) the Contractor has delayed the completion of works by the number of days for which the maximum amount of liquidated damages can be paid as defined in the Contract data; and
- (h) if the Contractor, in the judgment of the Employer has engaged in corrupt or fraudulent practices in competing for or in the executing the Contract.

For the purpose of this paragraph : "corrupt practice" means the offering, giving, receiving or soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution. "Fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Borrower, and includes collusive practice among Tenderers (prior to or after Tender submission) designed to establish Tender prices at artificial non-competitive levels and to deprive the Borrower of the benefits of free and open competition."

49.3 When either party to the Contract gives notice of a breach of contract to the Employer for a cause other than those listed under Sub Clause 49.2 above, the Employer shall decide whether the breach is fundamental or not.

49.4 Notwithstanding the above, the Employer may terminate the Contract for convenience.

49.5 If the Contract is terminated the Contractor shall stop work immediately, make the Site safe and secure and leave the Site as soon as reasonably possible.

50. Payment upon Termination

50.1 If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Employer shall prepare bill for the value of the work done less advance payments received up to the date of the bill, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the Contract Data. Additional Liquidated Damages shall not apply. If the total amount due to the Employer exceeds any payment due to the Contractor the difference shall be a debt payable to the Employer.

50.2 If the Contract is terminated at the Employer's convenience or because of a fundamental breach of Contract by the Employer, the Employer shall prepare bill for the value of the work done, the reasonable cost of removal of Equipment, repatriation of the Contractor's personnel employed solely on the Works, and the Contractor's costs of protecting and securing the Works and less advance payments received up to the date of the certificate, less other recoveries due in terms of the contract, and less taxes due to be deducted at source as per applicable law and make payment accordingly.

51. Property

51.1 All materials on the Site, Plant, Equipment, Temporary Works and Works are deemed to be the property of the Employer, if the Contract is terminated because of a Contractor's default.

52. Release from performance

52.1 If the Contract is frustrated by any event entirely outside the control of either the Employer or the Contractor the Employer shall certify that the Contract has been frustrated. The Contractor shall make the Site safe and stop work as quickly as possible after receiving this certificate and shall be paid for all work carried out before receiving it and for any work carried out afterwards to which commitment was made

F. Special Conditions of Contract

1. Labour:

The Contractor shall, unless otherwise provided in the Contract, make his own arrangements for the engagement of all staff and labour, local or other, and for their payment, housing, feeding and transport.

The Contractor shall, if required by the Employer, deliver to the Employer a return in detail, in such form and at such intervals as the Employer may prescribe, showing the staff and the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Employer may require.

2. Compliance with labour regulations:

During continuance of the contract, the Contractor and his sub contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, Employer shall have the right to deduct any money due to the Contractor including his amount of security deposit. The Employer shall also have right to recover from the Contractor any sum required or estimated to be required for making good the loss or damage suffered by the Employer.

The employees of the Contractor and the Sub-Contractor in no case shall be treated as the employees of the Employer at any point of time.

3. Protection of Environment:

The contractor shall take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation. During continuance of the contract, the contractor and his sub-contractors shall abide at all times by all existing enactments on environmental protection and rules made there under, regulations, notifications and bye-laws of the State or Central Government, or local authorities and any other law, bye-law, regulations that may be passed or notification that may be issued in this respect in future by the State or Central Government or the local authority.

Monitoring Requirement & Specifications

No	Monitoring Requirements	Specification	Responsible agency
1	Noise levels at the construction sites(only during construction period)	Monitoring at all locations hourly basis for 24 hour period. Once every season of the year during construction period.	Contractor, PC
2	Disposal of construction debris	Periodic inspection at haul roads and sites for construction debris for safe collection and disposal to identified land fill sites.	Contractor, PC
3	Traffic and Transportation	Measures for diverting the traffic during construction across roads within the ULB	PC in consultation with ULB and local police department
4	Domestic sewage and refuse management at the labor camps and construction sites	Check for adequacy of sanitation arrangements at the labor camps	PC

5	Water Pollution	Check for: <ul style="list-style-type: none"> • Blockage of flowing water which may lead to stagnation of water • Soil erosion due to construction activities leading to contamination and siltation of water bodies • Water contamination due to use of fuel and lubricants at the construction sites. 	PC, contractor
6	Procurement of construction material	Check that procurement of construction materials should be only from permitted sites and quarries.	PC

Location of Noise monitoring shall be wherever the contractor decides to locate the equipment yard and at sensitive locations such as school, hospitals, dispensary etc. In case of noise levels causing disturbance to the sensitive receptors, management measures as suggested in the EMP shall be carried out.

The implementation of Mitigation Measures is the responsibilities of the Contractor/PC/Client. However, it may be noted that implementation of all the measures is full responsibility of Contractor. The PC/ Client would be responsible only for monitoring/supervision/guidance, etc.

4. Arbitration (Clause 24)

4.1 The procedure for arbitration shall be as follows:

All the disputes arising out of or in connection with this contract, not settled by amicable settlement, shall be finally referred to the Deputy Commissioner (DC) of the district. Upon such reference the DC shall attempt to amicably resolve the dispute within (60) days. If the dispute is not settled for the first appeal shall be referred to the Secretary Urban Development Department (UDD), Govt. of Karnataka (GoK) who shall be the sole arbitrator, who will conduct the proceedings in accordance with procedures prescribed under arbitration and Conciliation Act 1996, of India and/or its latest amendments if any. The decision of the Secretary UDD shall be binding on either party. If the dispute is not amicably settled within 60 (Sixty) days from the date of reference to Secretary UDD, or 120 (One Hundred and Twenty) days from the first reference to the Board, either party may refer the dispute to the Court of Law

41. Liquidated Damages refer GCC 41, Sub Clause 41.1

Please substitute last sentence with the following

“Time is an essence of the contract and payment or deduction of liquidated damages shall not relieve the contractor from his obligations to complete the work as per agreed construction program and milestones or from any of the contractor’s obligations and liabilities under the contract”

Liquidated damages once levied as per contract data for delay of achievement of a milestone cannot be refunded even if the subsequent milestone is achieved in time or the entire is completed by the intended completion date, unless the extension of time is granted for that particular milestone.

5. Death of a Contractor:

In the case of death of a contractor after executing / commencement of the work, his legal heir, if an eligible registered contractor and willing can execute and complete the work at the accepted tender rates irrespective of the cost of work.

6. Establishment of Field laboratory (Clause 30)

The contractor shall establish the field testing laboratory within two weeks from the date of agreement as per the details provided in **Section 7: Specification.**

7. Additional security for unbalanced tenders (Refer GCC 43)

Unbalanced tender is the one where the bidder quotes lesser than 25% of Engineers estimated cost for any one item/several items, in such a case the additional security for Unbalanced tender shall be submitted by the bidder along with security deposit for performance security. The amount of additional security as per GCC 43 will be difference between the Engineer’s estimated cost and amounts quoted less than 25% of Engineer’s estimated cost of all such items in BOQ.

8. Conditions for the execution of Electrical Works under supervision of HESCOM by the Smart City Agencies.

I Approvals

1. Detailed survey of awarded works before taking up the work and obtaining approval of the detailed survey report by the concerned HESCOM Engineer in-charge of the work.
2. Procurement of the materials based on the approved survey reports.
3. The works shall be carried out as per HESCOM specifications issued from time to time from this Office and as detailed in the Bid documents.

II DUTIES AND POWERS OF THE HESCOM ENGINEER AND ENGINEER'S REPRESENTATIVES:

- 1 The Duties of the HESCOM Engineers are to supervise the Work of the Contractor and issue Suitable directions if needed. The scope of the Duties of the Engineer, pursuant to the Contract will include but not limited to the following:
 - a) Interpretation of all the Terms and Conditions of these Specifications and Documents.
 - b) Witness, or authorize his Representative to witness, Tests and Trial either at the Manufacturer's Work or at Site or at any place where the Work is performed under the Contract.
 - c) Inspect, accept or reject any Equipment Material and Work under the Contract.
 - d) Review and interpretation of all the Contractor's Drawings, Engineering Data etc.
 - e) Issue Certificate of acceptance.
 - f) Review and suggest Modifications and improvements in Completion Schedule from time to time.
 - g) Review the Quality of Work at all the stages of Project implementation.

III De-Commissioning of the existing OH Lines and DTCs

The released materials shall be returned to the concerned stores as per HESCOM norms vide circular No. BESC/M/GM(T)/BC-20/F-664/05-06/CYS-174. DTD.10-01-2006.

IV TAKING OVER of Assets:

- a) Upon successful Completion of all the Tests to be performed at Site on Equipments erected by the Contractor, the Engineer shall issue to the Contractor a "Taking over Certificate" as a proof of the final acceptance of the Equipment. Such Certificates shall not reasonably be withheld nor will the Engineer delay the issuance thereof on account of minor omissions or defects, which do not affect the Commercial Operation and/or cause any serious risk to the Equipment and general public. Such Certificates shall not relieve the Contractor of any of his obligations, which otherwise survive by the Terms and Conditions of the Contract after issuance of such Certificate.

V PRE-COMMISSIONING TESTS AND TAKING OVER:

- a. On Completion of Erection of the Equipments and before Charging, each item shall be thoroughly cleaned and then inspected jointly by the HESCOM or his duly authorised Representative and the Contractor for correctness and Completeness of Installation and acceptability for Charging leading to initial Pre - Commissioning. The Contractor's Commissioning Engineers, specifically identified as far as possible, shall be responsible for carrying out all the Pre-Commissioning checks. On Completion of inspection, checking and after the Pre-Commissioning Tests are satisfactorily over, the Complete Lines and Transformers shall be ready for Charging.
- b. During the Pre-Commissioning checks, the Operations shall be under the supervision of the Contractor, but the Schedule of Operations shall be agreed to by the HESCOM and the Contractor. During the Tests, the safety of the Lines and Transformers, Materials etc., is the responsibility of the Contractor. During the pre-Commissioning, Commissioning and Performance Guarantee Tests, the Operations will be under the supervision of the Contractor, if the Tests are being carried out by him. In case the Tests are being carried out by a third Party, the Operations will be under the control of the HESCOM. In both cases, all aspects of the Tests shall be agreed to by the HESCOM and the Contractor The safety of the Equipment shall be the responsibility of the Contractor.

VI PHOTOGRAPHS AND PROGRESS REPORT:

- c. 10.1 The Contractor shall furnish three (3) Prints and video clips each to the Engineer or progress Photographs of the Work done at Site. Photographs and video clips shall be taken as and when indicated by the Engineer or his Representative. Photographs shall be adequate in size and number to indicate various stages of Erection. Each Photograph shall contain the date, the name of the Contractor and the title of the Photograph.

- d. 10.2 The above Photographs shall accompany the Monthly Progress Report detailing out the progress achieved on all Erection activities as compared to the Schedules. The report shall also indicate the reasons for the variance between the Scheduled and actual Progress and the action proposed for corrective measures, wherever necessary.

VII WORK & SAFETY REGULATIONS:

- 1 The Contractor shall ensure proper safety of all the Workmen, Materials, Plant and Equipments belonging to him or to 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 relevant Legislation and the Engineer, as he may deem necessary.
- 2 The Contractor will notify well in advance to the Engineer of his intention to bring to the Site any Container filled with Liquid or Gaseous Fuel or Explosive or Petroleum substance or such Chemicals, which may involve hazards. The Engineer shall have the right to prescribe the conditions, under which such Container to be stored, handled and used during the Performance of the Works and the Contractor shall strictly adhere to and comply with such instructions. The Engineer shall have the right, at his sole discretion, to inspect any such Container or such Construction Plant/Equipment for which Material in the Container is required to be used and if in his opinion, its use is not safe, he may forbid its use. No Claim due to such prohibition shall be entertained by the Owner and the Owner shall not entertain any Claim of the Contractor towards additional safety provisions/ conditions to be provided for/constructed as per the Engineer's instructions. Further, any such decision of the Engineer shall not, in any way, absolve the Contractor of his responsibilities and in case, use of such a Container or entry thereof into the Site area is forbidden by the Engineer, the Contractor shall use alternative methods with the approval of the Engineer without any cost implication to or extension of Work Schedule.
- 3 Where it is necessary to provide and/or store Petroleum products or Petroleum Mixtures and Explosives, the Contractor shall be responsible for carrying out such provision and/or Storage in accordance with the Rules and Regulations laid down in Petroleum Act 1934, Explosives Act, 1948, and Petroleum and Carbide of Calcium Manual published by the Chief Inspector of Explosives of India. All such Storage shall have prior approval of the Engineer. In case, any approvals are necessary from the Chief Inspector (Explosives) or any Statutory Authorities, the Contractor shall be responsible for obtaining the same.
- 4 All Equipment used in Construction and Erection by Contractor shall meet Indian/ International Standards and where such Standards do not exist, the Contractor shall ensure these to be absolutely safe. All Equipments shall be strictly Operated and Maintained by the Contractor in accordance with Manufacturer's Operation Manual and Safety instructions and as per Guidelines/ Rules of HESCOM in this regard.
- 5 Periodical Examinations and all Tests for all Lifting/ Hoisting Equipment and Tackles shall be carried out in accordance with the relevant provisions of Factories Act 1948, Indian Electricity Act 1910 and Associated Laws/Rules in force from time to time. A register of such examinations and Tests shall be properly maintained by the Contractor and will be promptly produced as and when desired by the Engineer or by the Persons authorised by him.
- 6 The Contractor shall provide Suitable safety Equipment of prescribed Standard to all Employees and Workmen according to the need, as may be directed by the Engineer who will also have right to examine these safety Equipment to determine their suitability, reliability, acceptability and adaptability.
- 7 Where Explosives are to be used, the same shall be used under the direct control and supervision of an expert, experienced, qualified and competent Person, strictly in accordance with the Code of Practices/Rules framed under Indian Explosives Act pertaining to handling, Storage and use of Explosive.
- 8 The Contractor shall provide safe Working conditions to all Workmen and Employees at the Site including safe means of Access, Railings, Stairs, Ladders, Scaffoldings etc. The Scaffoldings shall be erected under the control and supervision of experienced and competent Persons. For Erection, good and Standard Quality of Material only shall be used by the Contractor.
- 9 The Contractor shall not interfere or disturb Electric fuses, Wiring and other Electrical Equipment belonging to the Owner or other Contractors under any circumstances, whatsoever, unless expressly permitted in writing by HESCOM to handle such Fuses, Wiring or Electrical Equipment.
- 10 Before the Contractor connects any Electrical appliances to any Plug or Socket belonging to the Contractor or Owner, he shall
 - a) Satisfy the Engineer that the Appliance is in good Working Condition.
 - b) Inform the Engineer, of the Maximum Current Rating, Voltage and Phase of the Appliances.
 - c) Obtain permission of the Engineer detailing the Sockets to which the Appliances may be

- connected.
- 11 The Engineer will not grant permission to connect until he is satisfied that:
The Appliance is in good condition and is fitted with Suitable Plug
The Appliance is fitted with a Suitable Cable having two Earth conditions, one of which shall be an Earthed Metal sheath surrounding the Cores.
 - 12 No Electric Cable in use by the Contractor/Owner will be disturbed without prior permission. No weight of any description will be imposed on any Cable and no Ladder or similar Equipment will rest against or attached to it.
 - 13 No repair Work shall be carried out on any Live Equipment. The Equipment must be declared 'Safe' by the Engineer and a 'Permit to Work' shall be issued by the Engineer before any repair Work is carried out by the Contractor. While working on Electric Lines/Equipments whether Live or dead, suitable type and sufficient Quantity of Tools will have to be provided by Contractor to Electricians/Workmen/Officers
 14. The Contractor shall Employee necessary number of qualified, full time Electricians/Electrical Supervisors to maintain his temporary Electrical Installations.
 15. The Contractor employing more than 50 Workmen whether temporary, Casual, Probationer, Regular or Permanent or on Contract, shall employ at least one full time Officer exclusively as Safety Officer to supervise safety aspects of the Equipment and Workmen, who will coordinate with the Project Safety Officer. In case of Work being carried out through Sub-Contractors, their Workmen/Employees will also be considered as the Contractor's Employees/Workmen for the above purpose. The name and address of such Safety Officer of Contractor will be promptly informed in writing to Engineer with a copy to Safety Officer Incharge before he starts Work or immediately after any change of the incumbent is made during currency of the Contract.
 16. In case any accident occurs during the Construction/ Erection or other associated activities undertaken by the Contractor, thereby causing any minor or major or fatal injury to his Employees due to any reason, whatsoever, it shall be the responsibility of the Contractor to promptly inform the same to the Engineer in prescribed form and also to all the Authorities envisaged under the applicable Laws.
 17. The Engineer shall have the right, at his sole discretion, to stop the Work, if in his opinion the Work is being carried out in such a way that it may cause accidents and endanger the Safety of the Persons and/or Property, and/or Equipments. In such cases, the Contractor shall be informed in writing about the nature of hazards and possible injury/accident and he shall comply to remove the Short-comings promptly. The Contractor after stopping the specific Work can, if felt necessary, appeal against the Order of stoppage of Work to the Engineer within 3 days of such stoppage of Work and decision of the Engineer in this respect shall be conclusive and binding on the Contractor.
 18. The Contractor shall not be entitled for any Damages/ compensation for stoppage of Work due to safety reasons as provided in Para-31.18 above and the period of such stoppage of Work will not be taken as an extension of time for Completion of Work and will not be the ground for waiver of Levy of Liquidated Damages.
 19. It is Mandatory for the Contractor to observe during the execution of the Works, requirements of Safety Rules which would generally include but not limited to following:
 - a) Each Employee shall be provided with initial indoctrination regarding safety by the Contractor, so as to enable him to conduct his Work in a safe manner.
 - b) No Employee shall be given a new assignment of Work unfamiliar to him without proper introduction as to the hazards incident thereto, both to himself and his fellow Employees.
 - c) Under no circumstances shall an Employee hurry or take unnecessary chance when working under hazardous conditions.
 - d) Employees must not leave naked fires unattended. Smoking shall not be permitted around Fire prone areas and adequate Fire Fighting Equipment shall be provided at crucial locations.
 - e) Employees under the influence of any intoxicating beverage, even to the slightest degree, shall not be permitted to remain at Work.
 - f) There shall be a suitable arrangement at every Work Site for rendering prompt and sufficient First Aid to the injured.
 - g) The Staircases and Passageways shall be adequately lighted.
 - h) The Employees when working around moving Machinery must not be permitted to wear loose garments. Safety shoes are recommended when working in shops or places where Materials or Tools are likely to fall. Only experienced Workers shall be permitted to go behind guardrails or to clean around energized or moving Equipment.
 - i) The Employees must use the Standard Protection Equipment intended for each job. Each piece of

- Equipment shall be inspected before and after it is used.
- j) Requirements of ventilation in underwater working to licensed and experienced divers, use of gum boots for working in slushy or in inundated conditions are essential requirements to be fulfilled.
 - k) In cases of rock excavation, blasting shall invariably be done through licensed blasters and other precautions during blasting and Storage/transport of charge Materials shall be observed strictly.
20. The Contractor shall follow and comply with all HESCOM Safety Rules, relevant provisions of applicable Laws pertaining to the Safety of Workmen, Employees, Plant and Equipment as may be prescribed from time to time without any demur, protest or contest or reservation. In case of any discrepancy between Statutory requirement and HESCOM Safety Rules referred above, the later shall be binding on the Contractor unless the Statutory provisions are more stringent.
 21. If the Contractor fails in providing Safe Working environment as per HESCOM Safety Rules or continues the Work even after being instructed to stop Work by the Engineer as provided in Para 31.18 above, the Contractor shall promptly pay to HESCOM, on demand by the Owner, compensation at the rate of Rs. 5,000/- per day or part thereof till the instructions are complied with and so certified by the Engineer. However, in case of accident taking place, causing injury, to any individual, the provisions contained in Para 31.23 shall also apply in addition to compensation mentioned in this Para.
 22. If the Contractor does not take all safety precautions and/or fails to comply with the Safety Rules as prescribed by HESCOM or under the applicable Law for the safety of the Equipment and Plant and for the safety of Personnel and the Contractor does not prevent hazardous conditions which cause injury to HESCOM Employees or any other Persons who are at Site or adjacent thereto, the Contractor shall be responsible for Payment of compensation to HESCOM as per the following Schedule:

a) Fatal injury or accident causing death	Rs. 5,00,000/- per Person	These are applicable for death to any Person as applicable as per Govt Circular
b) Major injuries or accident causing 25% or more		These are applicable for injury to any Persons as applicable as per Govt Circular

Contractor shall be solely responsible for all accidents to persons employed by him or any other persons which may arise in the execution of the works.

Permanent disablement shall have same meaning as indicated in Workmen's Compensation Act. The Compensation mentioned above shall be in addition to the compensation payable to the Workmen/ Employees under the relevant provisions of the Workmen's Compensation Act and Rules framed there under or any other applicable Laws as applicable from time to time. In case the Owner is made to pay such compensation then the Contractor is liable to reimburse the Owner such amount in addition to the compensation indicated above.

VII Reliability Tests and Performance and Guarantee Tests on Completion of Commissioning

Contract Quality Assurance:

1. The Bidder shall include in his proposal the Quality Assurance Programme containing the overall Quality Management and Procedures which he proposes to follow in the Performance of the Works during various phases as detailed in relevant Clause of the General Technical Conditions.
2. At the time of Award of Contract, the detailed Quality Assurance Program to be followed for the execution of the Contract will be mutually discussed and agreed to and such agreed Program shall form a part of the Contract.
3. **The Bidder shall procure the materials from the approved vendors of KPTCL/ ESCOM's.**
4. The HESCOM reserves the right to choose one or more of the Vendors out of the Vendors indicated by the Successful Bidder or indicate any other vendor at its discretion if the vendors indicated by the contractor are not acceptable to it for the reasons to be recorded in writing and informed.

VIII

1. Detailed surveyed estimates should get sanctioned from Hescrom authorities and work carryout letter to be obtained from Hescrom before taking up the work
2. All the Materials and Work to be inspected and tested by the TAQC wing of HESCOM and approval to be obtained.
3. Electrical inspectorate approval is to be obtained before commissioning of the work with Single Line Diagram.
4. Satisfactory Work completion Certificate in all respect shall be obtained from HESCOM authorities after completion of the work.
5. All other Terms and conditions not mentioned in this contract but however as amended and required by HESCOM authorities from time to time are bounding to this contract.
6. All the materials has to be purchased from HESCOM approved vendors and Guarantee/Test Certificates to be submitted as per HESCOM Norms.
7. Any Damages to existing utilities like Telecom cables, Water pipe lines, Drainage lines, Power Cables including 11KV UG Cables should be repaired by the Contractor on his own cost and HESCOM is not responsible for any damages.
8. If the Items/materials are not specified in the Estimate/DWA and are required for the successful completion of the work/project shall be included in the work with due approval of the HESCOM/Smart City Engineers.
9. **All the UG Cables HT and LT used shall be Round armored cables only and the Flat armored cables will not be accepted.**

IX Guarantee:

The Contractor shall warrant that the Equipment supplied by him will be new, unused and in accordance with the Contract Documents and free from defects in Material and Workmanship for a period of 5(Five) years for U.G Cable and twelve (12) Calendar Months for other materials commencing immediately upon the satisfactory commissioning. The Contractor's liability shall be limited to the replacement of any defective parts in the Equipment of his own Manufacture or those of his Sub-Contractors, under normal use and arising solely from faulty Design, Materials and/or Workmanship provided always that such defective parts are repairable at the Site and are not in the meantime essential in the Commercial use of the Equipment. Such replaced/ defective parts shall be returned to the Contractor unless otherwise arranged. No repairs or replacement shall normally be carried out by the Engineer, when the Equipment is under the supervision of the Contractor's Supervisory Engineer.

X Rejection:

HESCOM will reject any Material/Equipment supplied by the Contractor if, during Tests, or Service, any of the following conditions arise when the provisions under the relevant Clause of the General Conditions of Contract shall immediately become applicable:

- 1) Material/Equipment, including its Components, are proved to have been manufactured not in accordance with the agreed Specifications.
- 2) Material/Equipment fails on any Test indicated in the Technical Specification.

SECTION 6: CONTRACT DATA

Items marked "N/A" do not apply in this Contract

The following documents are also part of the Contract:

**Clause
Reference**

The Employer is :

Name: MANAGING DIRECTOR [1.1]

Address: Office Of The MANAGING DIRECTOR,
BELAGAVI SMART CITY LIMITED BELAGAVI

Name of Executive Engineer,
authorized BELAGAVI SMART CITY LIMITED BELAGAVI

Representative:

The name of the Contract is [1.1]

CONVERSION OF LT OVER HEAD LINES BY LT UNDER GROUND CABLE AT CHENNAMMA NAGAR AND TILAKWADI AREA IN BELAGAVI CITY-PACKAGE-4

The identification number of the Contract is **UDD/2018-19/UC/WORK_INDENT753**

The Works consist of **Laying of underground LT cable with Feeder pillar box and installation of Street light poles**

The start date shall be the date of issue of notice to proceed with the work. [1.1]

The Intended Completion Date for the whole of the Works is **12 Months** with [17,26]
the following mile stones.

Milestone dates:	Physical works to be completed	Period from the date of issue of Notice to proceed with the work
Milestone 1	Providing and Laying of underground LT cable with Feeder pillar Box including its allied work with a minimum progress of 10% of the work	4 months
Milestone 2	Providing and Laying of underground LT cable with Feeder pillar Box including its allied work with a minimum progress of 60% of the work	8 months
Milestone 3	Completing all works in all respects	12 months

The Site Possession Date is: Date from the notice to proceed with the work. [21]

The Site is located in **BELAGAVI SMART CITY LIMITED BELAGAVI** [1.1]

The Defects Liability Period is **One Years.** [31]

Insurance requirements are as under:

[13]

	Type of Cover	Minimum cover for Insurance
(i)	Works and of Plant and materials	The sum stated in the Agreement (Contract Value) plus 20%
(ii)	Loss or damage to equipment	Full replacement cost
(iii)	Loss or damage to property of Third Party	Full replacement cost
(iv)	Personal injury or death insurance (a) for Third Party (For Two)	
	(b) for Contractor's employees or labour	In accordance with the statutory requirements applicable to Karnataka minimum of Rs. 5 lakh per person and insurance shall cover minimum 4 persons

Price Adjustment Formula;

[40]

R= Value of work as defined in Clause 40.1 of Conditions of Contract.

Adjustment for labour component:

- (i) Price adjustment for increase or decrease in the cost due to labour shall be paid in accordance with the following formula:

$$V_L = 0.85 \times PL / 100 \times R \times (L_i - L_o) / L_o \text{ Where,}$$

V_L = Increase or decrease in the cost of work during the quarter under consideration due to Changes in rates for local labour;

L_o = the average consumer price index³⁹ for industrial workers for Hubli/Dharwad Centre for the quarter preceding the date of opening of tenders as published by the Labour Bureau, Ministry of Labour, Government of India;

L_i = the average consumer price index for industrial workers for Hubli/Dharwad Centre for the quarter under consideration as published by Labour Bureau, Ministry of Labour, Government of India

P_L = Percentage of labour component of the work

Adjustment for Cement Component:

³⁵ The period should depend up on the period required for testing of the work. In case of building it could be 12 months (passing of one rainy season); for pipe laying work, tanks, water retaining structures, the time required for testing; for canals, lining works, the passing of one monsoon or running of canal whichever is lower; roads and highways passing of one monsoon (12 months)

³⁶ Employer to specify as per requirement. Exclusions if any should also be specified.

³⁷ Specify an appropriate figure. For normal works it could be Rs.20 lakhs to cover 4 persons @Rs.5 lakhs each.

³⁸ The Formula has some normal components. It should be changed if need be to suit the nature of the work.

³⁹ The Index numbers are available in the web site <http://labourbureau.nic.in/indtab.html>

⁴⁰ Insert the name of center. The centers for which the indices presently available for Karnataka State are Bangalore, Belgaum, Hubli/Dharwad, Mercara. Chose the center nearest to the work for which tenders are invited.

- (ii) Price adjustment for increase or decrease in the cost of cement component procured by the contractor shall be paid in accordance with the following formula.

$$V_C = 0.85 \times P_C / 100 \times R \times (C_i - C_o) / C_o, \text{ Where,}$$

V_C = Increase or decrease in the cost of the work during the quarter under consideration due to changes in the rates for cement;

C_o = the all India average wholesale price index ⁴¹for cement (Ordinary Portland Cement) for The quarter preceding the date of opening of the tenders as published by the Office of Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi;

C_i = The all India average wholesale price index for cement (Ordinary Portland Cement) for the quarter under consideration as published by the Office of Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_C = Percentage of cement component of the work

Note: For the application of this clause index of Ordinary Portland Cement⁴² has been chosen to represent Cement Group

Adjustment for steel component:

- (iii) Price adjustment for increase or decrease in the cost of steel procured by the contractor shall be paid in accordance with the following formula.

$$V_S = 0.85 \times P_S / 100 \times R \times (S_i - S_o) / S_o \text{ where,}$$

V_S = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for steel;

S_o = The all India average wholesale price index for steel (M.S. Bars and rods) for the quarter preceding the date of opening of Bids as published by the Office of Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

S_i = The all India average wholesale price index for steel (M.S. Bars and Rods) for the quarter under consideration as published by the Office of Economic Advisor, Ministry of Commerce and Industry, New Delhi

P_S = Percentage of steel component of the work

Note: For the application of this clause, index of M.S. Bars and Rods⁴³ has been chosen to represent steel group.

Adjustment of Bitumen Component:

- (iv) Price adjustment for increase or decrease in the cost of bitumen shall be paid in accordance with the following formula:

$$V_B = 0.85 \times P_B / 100 \times R \times (B_i - B_o) / B_o, \text{ Where}$$

V_B = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rate for bitumen.

B_o = the official retail price of bitumen at the IOC /HPCL/BPL or any other depot at
⁴⁴on the day 30 days prior to the date of opening of Bids.

B_i = the official retail price of bitumen at the IOC/HPCL/BPL or any other depot at
for the 15th day of the middle calendar month of the quarter under consideration.

P_B = percentage of bitumen component of the work.

⁴¹ The index number are available in the web site <http://eaindustry.nic.in>

⁴² This may be changed to any other type of cement depending on the nature of work.

⁴³ This may be changed depending on the major type of steel used depending on the nature of work

⁴⁴ Insert the nearest location of POL Depot

Adjustment of Fuel and Lubricant component:

- (v) Price adjustment for increase or decrease in cost of Fuel and Lubricants shall be paid in accordance with the following formula:

$$V_F = 0.85 \times P_F / 100 \times R \times (F_i - F_o) / F_o, \text{ Where,}$$

V_F = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for Fuel and Lubricants.

F_o = the official retail price of High Speed Diesel (HSD) at the IOC/HPCL/BPL or other consumer pump at Belagavi on the day 30 days prior to the date of opening of Bids.

F_i = The official retail price of HSD at the IOC/HPCL/BPL or other consumer pump at Belagavi for the 15th day of the middle calendar month of the quarter under consideration.

P_F = Percentage of Fuel and Lubricant component of the work.

Note: For the application of this Clause the price of HSD⁴⁶ has been chosen to represent Fuel and Lubricant Group

Adjustment for Plant and Machinery Spares Component:

- (vi) Price adjustment for increase or decrease in the cost of plant and machinery spares procured by the contractor shall be paid in accordance with the following formula:

$$V_P = 0.85 \times P_P / 100 \times R \times (P_i - P_o) / P_o, \text{ Where}$$

V_P = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for plant and machinery spares.

P_o = The all India average wholesale price index for Heavy machinery and parts for the quarter preceding the date of opening of bids, as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_i = The all India average wholesale price index for Heavy machinery and parts for the quarter under consideration as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_B = Percentage of Plant and Machinery Spares component of the work.

Note: For the application of this Clause index of Heavy Machinery and Parts⁴⁷ has been chosen to represent the Plant and Machinery Spares Group.

Adjustment for Other materials.

- (vii) Price adjustment for increase or decrease in the cost of other materials other than cement, steel, bitumen and Fuel and Lubricants⁴⁸ procured by the contractor shall be paid in accordance with the following formula:

$$V_M = 0.85 \times P_M / 100 \times R \times (M_i - M_o) / M_o, \text{ Where}$$

V_M = Increase or decrease in the cost of work during the quarter under consideration due to changes in the rates for local materials other than cement, steel, bitumen and Fuel and Lubricants.

⁴⁵ Insert the location of the nearest POL Consumer pump

⁴⁶ This could be appropriately changed to any other item depending on the nature of work.

⁴⁷ This could be appropriately changed to any other item depending on the nature of the work.

⁴⁸ Add, delete or change depending on the nature of work.

M_o = The all India average wholesale price index for all commodities for the quarter preceding the date of opening of bids, as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

52%

M_i = The all India average wholesale price index for all commodities for the quarter under consideration as published by the Office of the Economic Advisor, Ministry of Commerce and Industry, Government of India, New Delhi

P_M = Percentage of other material component (Other than cement, steel, bitumen and Fuel and Lubricants) of the work.

The following percentages⁴⁹ will govern the price adjustment for the entire contract:⁵⁰

1.	Labour – P_L	15.00 %
2.	Cement – P_C	7.00%
3.	Steel – P_S	10.00%
5.	Fuel and Lubricants – P_F	10.00%
6.	Plant and Machinery Spares	30.00%
7.	Other materials – P_M	28.00%
	TOTAL	100.00 %

Price Adjustment clause is applicable as per G.O. No. FD 59 PRO. Cell/2004 dated 26-11-2004 and **Government order No. FD 3 PCL 2008, Bangalore, Dated: 21-11-2008** [40]

The liquidated damages for the whole of the works are **Rs. 63,400/-** per day and that for the milestones area sunder:

For Milestone 1: Rs. 6,300/- per day [41]
For Milestone 2: Rs. 31,700/- per day
For Milestone 3: Rs. 25,400/- per day

The maximum amount of liquidated damages for the whole of the works is **10%** (ten percent) of final contract price [41]

The amounts of the advance payment are: [42]

Nature of Advance	Amount (Rs.)	Conditions to be fulfilled
1. Mobilization	5% of the Contract price	On submission of un-conditional Bank Guarantee. (to be drawn before end of 20% of Contract period)

(The advance payment will be paid to the Contractor no later than 30 days after fulfillment of the above conditions).

Repayment of advance payment for mobilization: [42]

The advance loan shall be repaid with percentage deductions from the interim payments certified by the Engineer under the Contract. Deductions shall commence in the next Interim Payment Certificate following that in which the total of all such payments to the Contractor has reached not less than 15 percent of the Contract Price or **3 months** from the date of payment of first installment of advance, whichever period concludes earlier, and shall be made at the rate of 7.5% percent of the amounts of all Interim Payment Certificates until such time as the loan has been repaid, always provided that the loan shall be completely repaid prior to the expiry of the original time for completion pursuant to Clauses 17 and 26.

The date by which “as-built” drawings in 2 sets are required is within 30 days of issue of certificate of completion of Whole or Section of the Work as the case may be. [48]

The date by which Operating and Maintenance Manuals are required is within 30 days of issue of certificate of completion of Whole or Section of the Work as the case may be. [48]

The amount to be withheld for failing to supply “as built” drawings or supply of Operation and Maintenance Manuals by the date required is **0.5 %** of the contract value [48]

The following events shall also be fundamental breach of the contract: [49.2]

1. The contractor has contravened Sub-clause 7.1 and Clause 9 of CC.

The percentage to apply to the value of the work not completed representing the Employer's Additional cost for completing the Works shall be **30** percent. [50.1]

SECTION 7: SPECIFICATIONS

WORK TO BE EXECUTED AS PER RELEVANT INDIAN ELECTRICITY RULES, HESCOM DETAILED SPECIFICATION & AS PER RELEVANT BUREAU OF INDIAN STANDARD SPECIFICATIONS

Drawings scheduling the affected services like water pipes, sewers, oil pipelines, cables, gas ducts etc. owned by various authorities including Public Undertakings and Local Authorities included in the Contract Documents shall be verified by the Contractor for the accuracy of the information prior to the commencement of any work.

The Contractor shall notify all utility agencies who may have installation in the work area and secure their assistance in locating and identifying all utilities before starting any work that may cause any damage to such utilities.

The Contractor shall schedule work in such a manner as to protect existing utility facilities until they are relocated, abandoned or replaced.

The Contractor shall ensure that all utilities (Underground & Overhead) encountered within the Right of Way i.e. OFC Cable, telephone, power, water supply, sewerage or any others, remain operational at all times. Any utility, if damaged, due to construction operation, shall be promptly repaired by the Contractor at his cost.

No removal of or alterations to the utility shall be carried out unless written instructions are issued by the Engineer.

Any services affected by the Works must be temporarily supported by the Contractor who must also take all measures reasonably required by the various bodies to protect their services and property during the progress of the Works.

The Contractor may be required to carry out certain works for and on behalf of various bodies, which he shall provide, with the prior approval of the Engineer.

The work of temporarily supporting and protecting the public utility services during execution of the Works shall be deemed to be part of the Contract and no extra payment shall be made for the same.

The Contractor shall be responsible to co-ordinate with the service providers for cutting of trees, shifting of utilities, removal of encroachments etc. to make site unencumbered for completion of work. This will include frequent follow-up meetings. Co-ordination for making project site unencumbered shall be deemed to be part of the Contract and no extra payment shall be made for the same.

SECTION 8: DRAWINGS

Attached separately in e-procurement Portal

SECTION 9: BILL OF QUANTITIES

Refer E Procurement Portal

**SECTION 10:
FORMAT OF BANK GUARANTEE FOR SECURITY DEPOSIT**

To:

WHEREAS _____ [*name and address of Contractor*] (hereinafter called "the Contractor") has undertaken, in pursuance of Contract No. _____ dated _____ to execute _____ [*name of Contract and brief description of Works*] (hereinafter called "the Contract");

AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a Bank Guarantee by a recognized bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee;

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of Rs. _____ [*amount of guarantee*] _____ Rupees _____ [*in words*], and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of _____ [*amount of guarantee*] as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed there under or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee shall be valid until 30 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____
Name of Bank _____
Address _____
Date _____