INDORE DEVELOPMENT AUTHORITY

7, रेसकोर्स रोड़ इंदौर — 452003 - 7,Race course Road, Indore - 452003 Fax no. 0731- 2430553, Email : idaindore7@yahoo.in, Website : <u>www.idaindore.org</u> Name of Work: Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore

NIT No.: IDA/ETENDER/2018-19/125 Date :16-01-2019

Tender Document

For Percentage Rate only

Tender ID No. 2019_DTCP_3975 (1st Call)

Agreement Number and Date	
Name of Work	Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore
Name of Contractor	
Probable Amount of Contract :-	
(Rs. in Figure)	12112475/-
(Rs. In Words)	One Crore Twenty One Lacs Twelve Thousand Four Hundred Seventy Five
Contract Amount :-	
(Rs. in Figure)	
(Rs. In Words)	
Stipulated Period of Completion	12 Months including rainy season

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Tender Document

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SECTION - 1

Notice Inviting Tender

Online tenders are invited on Percentage rate tender on key dates from the Contractors registered with PWD under centralised e-registration system in the appropriate class or Other Eligible company / firms of repute.

Tender documents can be purchased from website https://www.mptenders.gov.in. Help manual to the contractors can be seen on the portal of e-procurement system.

S. No.	Name of work	Probable amount of contract (Rs.)	Earnest Money (Rs.)	Cost of tender form + GST (Rs.)	Time allowed for completio n including/ excluding rainy season	Class of contractor & eligibility criteria	Remarks
01	Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore	12112475/-	121125/-	14750/-	12 Months includin g rainy season	1. Civil contractor registered under centralised e- registration system in MP PWD or Other Eligible company / firms of repute. 2. Having their own nursery certificate issued from Panchayat / Nagar Palika / Nagar Nigam must be enclosed. 3. Experience for the work of horticultural / plantation and have executed plantation work at least 40% of cost of tender in last three financial years in Govt / Semi Govt. / Govt. Under taking department.	GST shall be paid separately as per applicable rates. (Refer Sr. No. 25 - Taxes of detailed NIT). So Tender Rates should be quoted accordingly.

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Note:-

- 1. All details relating to the Bid Document(s) can be viewed and downloaded free of cost on the website.
- 2. Bid Document can be purchased after making online payment of portal fees through Credit / Debit / Cash Card / internet banking.
- 3. At the time of submission of the Bid the eligible bidder shall be required to:-
 - pay the cost of Bid Document;
 - ii) deposit the Earnest Money;
 - iii) submit a check list;
 - iv) submit an affidavit;
 - v) valid PF registration copy;
 - vi) valid GST registration copy; and
 - vii) PAN registration.

Details can be seen in the Bid Data Sheet.

4. **ELIGIBILITY FOR BIDDERS:**

- (a) At the time of submission of the Bid the bidder should have valid registration with the Government of Madhya Pradesh, PWD in appropriate class. However, such bidders who are not registered with the Government of Madhya Pradesh and are eligible for registration can also submit their bids after having applied for registration with appropriate authority.
- (b) The bidder would be required to have valid registration at the time of signing of the Contract.
- (c) Failure to sign the contract by the selected bidder for whatsoever reason shall result in forfeiture of the earnest money deposit.
- 5. **Pre-qualification** Prequalification conditions, wherever applicable, are given in the Bid Data Sheet.
- 6. **Special Eligibility -** Special Eligibility Conditions, if any, are given in the Bid Data Sheet.
- 7. The Bid Document can be purchased only online from 16-01-2019 at 18:00 hrs to 01-02-2019 at 17:30 hrs. Other key dates may be seen in bid data sheet.
- 8. Amendments to NIT, if any, would be published on website only, and not in newspaper.
- Any type of exemption in Tender Form Fees / EMD will not be allowed and Tender without Tender form Fees / EMD shall be rejected primafacie.

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(Raman Mahajan)
Executive Engineer
Indore Development Authority Indore
Mobile No. 9893699150

SECTION 2

INSTRUCTIONS TO BIDDERS (ITB)

A. GENERAL

1. SCOPE OF BID

The detailed description of work, hereinafter referred as 'work', is given in the Bid Data Sheet.

2. General Quality of Work:

The work shall have to be executed in accordance with the technical specifications specified in the Bid Data sheet/ Contract Data, and shall have to meet HIGHER SECONDARY standards of workmanship, safety and security of workmen and works.

3. PROCEDURE FOR PARTICIPATION IN E-TENDERING

The procedure for participation in e-tendering is given in the Bid Data Sheet.

4. ONE BID PER BIDDER

- **4.1** The bidder can be an individual entity or a joint venture (if permitted as per Bid Data Sheet). In case the J.V. is permitted, the requirement of joint venture shall be as per the Bid Data Sheet.
- 4.2 No bidder shall be entitled to submit more than one bid whether jointly or severally. If he does so, all bids wherein the bidder has participated shall stand disqualify.

5. Cost of Bidding

The bidder shall bear all costs associated with the preparation and submission of his bid, and no claim whatsoever for the same shall lie on the Government.

6. Site Visit and examination of works

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The bidder is advised to visit and inspect the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the work. All costs in this respect shall have to be borne by the bidder.

B. Bid Documents

7. CONTENT OF BID DOCUMENTS

The Bid Document comprises of the following documents:

- 1. NIT with all amendments.
- 2. Instructions to Bidders, Bid Data Sheet with all Annexures
- 3. Conditions of Contract:
 - i. Part I General Conditions of Contract and the Contract Data with all Annexure; and
 - ii. Part II Special Conditions of Contract.
- 4. Specifications
- 5. Drawings
- 6. Priced Bill of Quantities
- 7. Technical and Financial Bid
- 8. Letter of Acceptance
- 9. Agreement, and
- 10. Any other document(s), as specified.
- **8.** The bidder is expected to examine carefully all instructions, conditions of contract, the **contract data**, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Bidder shall be solely responsible for his failure to do so.

9. Pre-Bid Meeting (where applicable)

Wherever the Bid Data Sheet provides for pre-bid meeting:

- **9.1** Details of venue, date and time would be mentioned in the Bid Data Sheet. Any change in the schedule of pre-bid meeting would be communicated on the website only, and intimation to bidders would not be given separately.
- **9.2** Any prospective bidder may raise his queries and/or seek clarifications in writing before or during the pre-bid meeting. The purpose of such meeting is to clarify issues and answer questions on any matter that may be raised at that stage. The Employer may, at his option, give such clarifications as are felt necessary.
- **9.3** Minutes of the pre-bid meeting including the gist of the questions raised and the responses given together with any response

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prepared after the meeting will be hosted on the website.

9.4 Pursuant to the pre-bid meeting if the Employer deems it necessary to amend the Bid Document, it shall be done by issuing amendment to the online NIT.

10. Amendment of Bid Documents

- **10.1** Before the deadline for submission of bids, the Employer may amend or modify the Bid Documents by publication of the same on the website.
- **10.2** All amendments shall form part of the Bid Document.
- **10.3** The Employer may, at its discretion, extend the last date for submission of bids by publication of the same on the website.

C. Preparation of Bid

11. The bidders have to prepare their bids online, encrypt their Bid Data in the Bid Forms and submit Bid Seals (Hashes) of all the envelopes and documents related to the Bid required to be uploaded as per the time schedule mentioned in the key dates of the Notice Inviting e-Tenders after signing of the same by the Digital Signature of their authorized representative.

12. DOCUMENTS COMPRISING THE BID

The bid submitted online by the bidder shall be in the following parts:

Part 1 – This shall be known as Online **Envelope A** and would apply for all bids. Online **Envelop A** shall contain the following as per details given in the Bid Data Sheet:

- i) Registration number or proof of application for registration and organizational details in format given in the Bid Data Sheet.
- ii) Payment of the cost of Bid Document;
- iii) Earnest Money; and
- iv) An affidavit duly notarized.
- **Part 2** This shall be known as Online **Envelope B** and required to be submitted only in works where pre-qualification conditions and/or special eligibility conditions are stipulated in the Bid Data Sheet. Online **Envelop B** shall contain a self-certified sheet duly supported by documents to demonstrate fulfillment of pre-qualification conditions.

Part 3 – This shall be known as Online **Envelope C** and would apply to all bids. **Envelop C** shall contain financial offer in the prescribed format enclosed with the Bid Data Sheet.

13. Language

The bid as well as all correspondence and documents relating to the bid

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exchanged by the Bidder and the Employer shall be in English or Hindi. Supporting documents and printed literature that are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. In such case, for the purposes of interpretation of the bid, such translation shall govern.

14. TECHNICAL PROPOSAL

- 14.1 Only, in case of bids with pre-qualification conditions defined in the Bid Data Sheet, the Technical Proposal shall comprise of formats and requirements given in the Bid Data Sheet.
- 14.2 All the documents/ information enclosed with the Technical Proposal should be self-attested and certified by the bidder. The Bidder shall be liable for forfeiture of his earnest money deposit, if any document / information are found false/ fake/ untrue before acceptance of bid. If it is found after acceptance of the bid, the bid sanctioning authority may at his discretion forfeit his performance security/ guarantee, security deposit, enlistment deposit and take any other suitable action.

15. FINANCIAL BID

- i. The bidder shall have to quote rates in format referred in Bid Data Sheet, in overall percentage, and not item wise. If the bid is in absolute amount, overall percentage would be arrived at in relation to the probable amount of contract given in NIT. The overall percentage rate would apply for all items of work.
- ii. Percentage shall be quoted in figures as well as in words. If any difference in figures and words is found, lower of the two shall be taken as valid and correct.
- iii. The bidder shall have to quote rates inclusive of all duties, taxes, royalties and other levies; and the Employer shall not be liable for the same.
- iv. The material along with the units and rates, which shall be issued, if any, by the department to the contractor, is mentioned in the Bid Data Sheet.

16. PERIOD OF VALIDITY OF BIDS

The bids shall remain valid for a period specified in the Bid Data Sheet after the date of "close for biding" as prescribed by the Employer. The validity of the bid can be extended by mutual consent in writing.

17. EARNEST MONEY DEPOSIT (EMD)

17.1 The Bidder shall furnish, as part of the Bid, Earnest Money Deposit (EMD), in the amount specified in the Bid Data Sheet.

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- 17.2 The EMD shall be in the form of Fixed Deposit Receipt / Bank Guarantee of a scheduled commercial bank, issued in favour of the name given in the Bid Data Sheet. The Fixed Deposit Receipt shall be valid for six months or more after the last date of receipt of bids. However, other form(s) of EMD may be allowed by the Employer by mentioning it in the Bid Data Sheet.
- **17.3** Bid not accompanied by EMD shall be liable for rejection as non-responsive.
- **17.4** EMD of bidders whose bids are not accepted will be returned within ten working days of the decision on the bid.
- **17.5** EMD of the successful Bidder will be discharged when the Bidder has signed the Agreement after furnishing the required Performance Security.
- **17.6** Failure to sign the contract by the selected bidder, within the specified period, for whatsoever reason, shall result in forfeiture of the earnest money deposit.
- 17.7 Once tender submitted by the bidder and the bidder desires to withdraw before opening of financial bid, the bidder shall not be permitted to do so. Except lowest bidder earnest money can be released on request of rest of the bidder even before validity period.

D. Submission of Bid

18. The bidder is required to submit online bid duly signed digitally, and Envelop 'A' in physical form also at the place prescribed in the Bid Data Sheet.

E. Opening and Evaluation of Bid

19 PROCEDURE

- 19.1 Envelope 'A' shall be opened first online at the time and date notified and its contents shall be checked. In cases where Envelop 'A' does not contain all requisite documents, such bid shall be treated as non-responsive, and Envelop B and/or C of such bid shall not be opened.
- 19.2 Wherever Envelop 'B' (Technical Bid) is required to be submitted, the same shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelop 'B'. Envelop 'C' (Financial Bid) of bidders who are not qualified in Technical Bid (Envelop 'B') shall not be opened.

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- **19.3** Envelope 'C' (Financial Bid) shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelop 'C'.
- **19.4** After opening Envelop 'C' all responsive bids shall be compared to determine the lowest evaluated bid.
- 19.5 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to contract award, without incurring any liability. In all such cases reasons shall be recorded.
- **19.6** The Employer reserves the right of accepting the bid for the whole work or for a distinct part of it.

20. Confidentiality

- **20.1** Information relating to examination, evaluation, comparison and recommendation of contract award shall not be disclosed to bidders or any other person not officially concerned with such process until final decision on the bid.
- **20.2** Any attempt by a bidder to influence the Employer in the evaluation of the bids or contract award decisions may result in the rejection of his bid.

F. Award of Contract

21. Award of Contract

The Employer shall notify the successful bidder by issuing a 'Letter of Acceptance' (LOA) that his bid has been accepted.

22. Performance Security

- **22.1** Prior to signing of the Contract the bidder to whom LOA has been issued shall have to furnish performance security of the amount in the form and for the duration, etc. as specified in the Bid Data Sheet.
- **22.2** Additional performance security, if applicable, is mentioned in the Bid Data Sheet and shall be in the form and for the duration, etc. similar to Performance Security.

23. Signing of Contract Agreement

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- **23.1** The successful bidder shall have to furnish Performance Security and Additional Performance Security, if any, and sign the contract agreement within time mentioned in bid data sheet.
- 23.2 The signing of contract agreement shall be reckoned as intimation to commencement of work. No separate work order shall be issued by the Employer to the contractor for commencement of work.
- 23.3 In the event of failure of the successful bidder to submit Performance Security and Additional Performance Security, if any or sign the Contract Agreement, his EMD shall stand forfeited without prejudice to the right of the employer for taking any other action against the bidder.

24. CORRUPT PRACTICES

The Employer requires that bidders observe the HIGHER SECONDARY standard of ethics during the procurement and execution of contracts. In pursuance of this policy, the Employer:

- may reject the bid for award if it determines that the bidder recommended for award has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract; and
- ii. may debar the bidder declaring ineligible, either indefinitely or for a stated period of time, to participate in bids, if it at any time determines that the bidder has, directly or through an agent, engaged in corrupt, fraudulent, collusive, or coercive practices in competing for, or in executing, a contract.

For the purposes of this provision, the terms set forth above are defined as follows:

- a. "corrupt practice" means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
- b. "fraudulent practice" means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- c. "coercive practice" means impairing or harming, or threatening

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to impair or harm, directly or indirectly, any party or the property of the party to influence improperly the actions of a party;

d. "collusive practice" means an arrangement between two or more parties designed to achieve an improper purpose, including influencing improperly the actions of another party.

[End of ITB]

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Bid Data Sheet

SR. No.	PARTICULARS	DA	ιΤΑ	
1	Office Inviting Tender	INDORE DEVELOPM 7, RACE COURSE R Fax : 0731-2430553 Email : idaindore7@y	OAD, INDORE (MP)	
2	NIT No.	IDA/ETENDER/2018-	IDA/ETENDER/2018-19/125	
3	Date of NIT	Date: 16-01-2019	Date: 16-01-2019	
4	Bid document download available from date & time	16-01-2019	18:00 hrs	
5	Website link	https:// www.mptenders.gov.in		
SECTIO	ON 1 - NIT			
NIT				

SECTION	SECTION 1 - NII		
NIT CLAU SE	PARTICULARS	DATA	
2	Cost of Tender Form Fees	As notified in E-Tendering Website (Any type of exemption in Tender Form Fees / EMD will not be allowed and Tender without Tender form Fees / EMD shall be rejected prima-facie.)	
3	Affidavit Format	As per 'Annexure- B'	
4	Pre-qualifications required	Yes, Applicable as below: (a) In case of Roads and Bridge works costing more than Rs. five Cr. And (b) In case of Building works costing more than Rs. One hundered Lacs	
	If Yes, details	As per 'Annexure- C'	
5	Key dates	As per 'Annexure -A'	

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Bid Data Sheet

SECTIO	SECTION 2 - ITB			
ITB CLAUSE	PARTICULARS	DATA		
1	Name of the 'Work'	Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore		
2	Specifications and SOR	Annexure - E Specifications SOR applicable – MP PWD. SOR for Building and Electrical work in force from 01-08-2014 and for Road and Bridge work in force from 29-08-2017 and 50 amendment of the PWD Dept. (upto 25-07-2018) adopted by IDA. Annexure – E1 and E2 MP PWD (PIU) Amendment No. 4 and 25 dated 24-08-2017		
3	Procedure for participation in e-tendering	As per 'Annexure – F'		
4	Whether Joint Venture is allowed. If yes, requirement for Joint	No. As per 'Annexure – 'G'		
	Venture	As per Annexure – G		
12	 Envelope-A containing: i. Organizational details as per 'Annexure H' ii. Cost of Bid Document iii. e-EMD iv. An affidavit duly notarized as per 'Annexure- B' should reach in physical form in the office of: 	ACCOUNTS OFFICER INDORE DEVELOPMENT AUTHORITY 7, RACE COURSE ROAD, INDORE (MP) Fax: 0731-2430553 Email: idaindore7@yahoo.in		
14	Envelope-B Technical Proposal	As per 'Annexure - I' (Format I-1 to I-5)		
15	Envelope-C Financial Bid	As per 'Annexure - J' to be submitted online only		
	Materials to be issued by the department	As per 'Annexure - K'		
16	Period of Validity of Bid	120 Days		

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Bid Data Sheet

ITB CLAU SE	PARTICULARS	DATA
	Earnest Money Deposit	Rs. 121125/-
	Forms of Earnest Money Deposit	e-FDR / Bank Guarantee
17	EMD valid for a period of	Six months or more
	e-FDR / BG must be drawn in favour of	INDORE DEVELOPMENT AUTHORITY, INDORE (A formal work order may be sent to contractor)
21	Letter of Acceptance (LoA)	As per 'Annexure -L'
	Amount of Performance Security	 For works of amount put to this NIT upto Rs. 20 lacs – 10% from each running bill will be deducted for performance security and security deposit and earnest money shall be converted into security deposit. For works of amount put to this NIT more than Rs. 20 lacs and upto Rs. 1 crore – 5% in form of FDR only. For works of amount put to this NIT more than 1 crore – 5% in form of FDR / Bank guarantee.
22	Additional Performance Security, if any	Equal to an amount arrived at, by multiplying the contract amount with difference of percentage between percent rates (below/minus) of successful bid and FIFTEEN percent (below / minus), considering bid rates less than FIFTEEN percent below PAC, to be unworkable and shall require additional performance security (guarantee).
	Performance Security in the format	As per 'Annexure- M'
	Performance Security in favour of	INDORE DEVELOPMENT AUTHORITY, INDORE
	Performance Security valid up to	Valid Contract Period plus 3 months

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	Additional Performance Security as per clause – 22.2 of ITB valid upto	Till stipulated time of completion plus three months
23	Signing of contract agreement	The bidder shall require to sign the contract within 10 days from the date of issue of LOA.

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Annexure - A

(See clause 1, 7 of Section 1 -NIT)

KEY DATES

S. No.	IDA Stage	Contractor Stage	Key Dates & time
1	Tender Preparation and release of NIT	-	16-01-2019
2	-	Purchase of tender Online Start Date & Time	16-01-2019 18:00 hrs
3	Pre-Bid Meeting at IDA	-	-
4	-	Tender Purchase Online End Date & Time	01-02-2019 17:30 hrs
5	-	Submit Bid Online End Date & Time	05-02-2019 17:30 hrs
6	-	Bid submission (Manually submission as per note below)	08-02-2019 17:30 hrs
7	Opening of EMD,Cost of tender document and Technical Bid	-	08-02-2019 18:00 hrs
8	Financial/price Bid open date and time	-	08-02-2019 18:01 hrs

Note: Scanned copy of receipt of e-payment of EMD and Tender Form Fees is to be uploaded on the portal and hard copy of both the instrument receipt are required to be sent alongwith technical document and relevant documents should reach to ACCOUNTS OFFICER, INDORE DEVELOPMENT AUTHORITY, 7 RACE COURSE ROAD, INDORE M.P. By 08-02-2019 upto 17:30 hrs through Speed Post / Regd. Post A.D. / Private Courier Services. Authority will not be responsible for any Postal/Courier Service delays.

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Annexure – B

(See clause 3 of Section 1 -NIT)

|| AFFIDAVIT ||

	(To be contained in Envelope A)
	(On Non Judicial Stamp of Rs. 50/-)
	I/Wewho is/ ares in the firm/ company) and competent for submission of the affidavit on
(status behalf oath a	s in the firm/ company) and competent for submission of the affidavit on f of M/S (contractor) do solemnly affirm on and state that:
submi	I/We am/are fully satisfied for the correctness of the certificates/records itted in support of the following information in bid documents which are submitted in response to notice inviting e-tender No for (name of work) dated issued by the utive Engineer, IDA Indore.
EXECT	dive Engineer, IDA indore.
certifie	I/We am/ are fully responsible for the correctness of following self- ed information/ documents and certificates:
 2. 	That the self-certified information given in the bid document is fully true and authentic. That:
	a. Term deposit receipt deposited as earnest money, demand draft for cost of bid document and other relevant documents provided by the Bank are authentic.b. Information regarding financial qualification and annual turnover is correct.
	c. Information regarding various technical qualifications is correct.
3.	No close relative of the undersigned and our firm/company is working in the department.
	OR
	Following close relatives are working in the department:
	Name Post Present Posting
	Signature with Seal of the Deponent (bidder)
	I/We, above deponent do hereby certify that acts mentioned in above paras 1 to 3 are correct to the best of my edge and belief.
	Verified today (dated) at (place).
	Signature with Seal of the Deponent (bidder)

Note: Affidavit duly notarized in original shall reach at least one calendar day before opening of the bid.

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Annexure – C

(See clause 5 of Section 1 -NIT)

PRE-QUALIFICATIONS CRITERIA

The bidder should have:

A. Financial

- i. experience of having successfully executed:
 - a) three similar works, each costing not less than the amount equal to 20% of the probable amount of contract during the last 5 financial years; or
 - b) two similar works, each costing not less than the amount equal to 30% of the probable amount of contract during the last 5 financial years; or
 - c) one similar works, each costing not less than the amount equal to 50% of the probable amount of contract during the last 5 financial years.
- ii. Average annual construction turnover on the construction works not less than 50% of the probable amount of contract during the last 5 financial years.
- iii. Executed similar items of work in any one financial year during the last 5 financial years, which should not be less than the minimum, physical requirement, if any, fixed for the work.
- iv. **Bid Capacity** Bidder shall be allotted work up to his available Bid Capacity, which shall be worked out as given in format I-2 of Annexure-I, and to be submitted as per Annexure-X

B. Physical

Physical qualifications for the work shall be as below:

S.No.	Particulars	Quantity	Period
1	Physical qualification required		
2	Earthwork		
3	Concrete work		

(The Employer shall specify all physical qualifications required).

Note: Above criteria are indicative, subject to suitable stipulations by the departments and specific Bid.

Annexure – D

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(See clause 6 of Section 1 -NIT)

SPECIAL ELIGIBILITY CRITERIA

The bidder should have experience of :-

А	Erection of Steel Gates	NIL
В	Construction of tunnel	NIL

Note: Above criteria are indicative, subject to suitable stipulations by the departments and specific bid.

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ANNEXURE - E

(See clause 2 of Section 2 -ITB & Clause 10 of GCC)

Specifications

- 1. MP PWD Department Specifications.
- 2. CPWD Specifications (if specification are not available for any item of the work CPWD specification shall be applicable).
- 3. NBC (National building Code) specifications.
- 4. IS Code.
- 5. IRC Codes.
- 6. MoRTH (5th edition).
- 7. Electrical:
 - 7.1 External / Internal Electrification work will be executed as par latest CPWD, Specification & N.B.C. 2016.
 - 7.2 All Electrical material should be as per latest IS / IEC Standard and as per technical specification documents.
- 8. <u>HVAC:</u> Work will be executed as per ISHRAE.

(Whichever is applicable for the work put to this NIT)

The provisions of general / special conditions of contract, those specified elsewhere in the bid document, as well as execution drawings and notes, or other specifications issued in writing by the EE prior approval from CE shall form part of the technical specifications of this work.

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Annexure -F

(See clause 3 of section 2-ITB)

Procedure for Participation in e-Tendering

1. Registration of Bidders on e-Tendering System:

All the PWD registered bidders are already registered on the new e-procurement portal https://www.mptenders.gov.in. The user id will be the contractor ID provided to them from MP Online. The password for the new portal has been sent to the bidders registered email ID. For more details may contact National Information Centre email id: mptenders@mpsedc.com. Helpdesk phone numbers are available on website.

2. Digital Certificate:

The bids submitted online should be signed electronically with a Class III Digital Certificate to establish the identity of the bidder submitting the bid online. The bidders may obtain Class III Digital Certificate issued by an approved Certifying Authority authorized by the Controller of Certifying Authorities, Government of India. A Class III Digital Certificate is issued upon receipt of mandatory identity proofs along with an application. Only upon the receipt of the required documents, a Digital Certificate can be issued. For details please visit **cca.gov.in**.

Note:

- i. It may take upto 7 working days for issuance of Class III Digital Certificate; hence the bidders are advised to obtain the certificate at the earliest. Those bidders who already have valid Class III Digital Certificate need not obtain another Digital Certificate for the same. The bidders may obtain more information and the application form required to be submitted for the issuance of Digital Certificate from **CCA.GOV.IN.**
- ii. Bids can be submitted till bid submission end date. Bidder will require digital signature while bid submission.

The digital certificate issued to the Authorized User of a Partnership firm / Private Limited Company / Public Limited Company and used for online biding will be considered as equivalent to a no-objection certificate / power of attorney to that user.

In case of Partnership firm, majority of the partners have to authorize a specific individual through Authority Letter signed by majority of the

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partners of the firm.

In case of Private Limited Company, Public Limited Company, the Managing Director has to authorize a specific individual through Authority Letter. Unless the certificate is revoked, it will be assumed to represent adequate authority of the specific individual to bid on behalf of the organization for online bids as per information Technology Act 2000. This Authorized User will be required to obtain a Digital Certificate. The Digital Signature executed through the use of Digital Certificate of this Authorized User will be binding on the firm. It shall be the responsibility of Management / Partners of the concerned firm to inform the Certifying Authority, if the Authorized User changes, and apply for a fresh Digital Certificate for the new Authorized User.

3. Set Up of Bidder's Computer System:

In order for a bidder to operate on the e-tendering System, the Computer System of the bidder is required to be set up for Operating System, Internet Connectivity, Utilities, Fonts, etc. The details are available at https://www.mptenders.gov.in.

4. Key Dates:

The bidders are strictly advised to follow the time schedule (Key Dates) of the bid on their side for tasks and responsibilities to participate in the bid, as all the stages of each bid are locked before the start time and date and after the end time and date for the relevant stage of the bid as set by the Department.

5. Preparation and Submission of Bids

The bidders have to prepare their bids online, encrypt their bid Data in the Bid forms and submit Bid of all the envelopes and documents related to the Bid required to be uploaded as per the time schedule mentioned in the key dates of the Notice inviting e-Tenders after signing of the same by the Digital Signature of their authorized representative.

6. Purchase of Bid Document

For purchasing of the bid document bidders have to pay Service Charge online ONLY which is Rs. [as per Bid Date Sheet]. Cost of bid document is separately mentioned in the Detailed NIT. The Bid Document shall be available for purchase to concerned eligible bidders immediately after online release of the bids and upto scheduled time and date as set in the key dates.

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The payment for the cost of bid document shall be made online through Debit/Credit card, Net banking or NEFT challan through the payment gateway provided on the portal.

7 Withdrawal, Substitution and Modification Of Bids

Bidder can withdraw and modify the bid till Bid submission end date.

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Annexure – G

(See clause 4 of Section 2 -ITB)

JOINT VENTURE (J.V.)

If J.V. is allowed following conditions and requirements must be fulfilled –

- Bids submitted by a joint venture of two or more firms as partners shall comply with the following requirements:
 - a. one of the partners shall be nominated as being *Lead Partner*, and this authorization shall be evidenced by submitting a power of attorney signed by legally authorized signatories of all the partners;
 - b. the bid and, in case of a successful bid, the Agreement, shall be signed so as to be legally binding on all partners;
 - c. the partner in charge shall be authorized to incur liabilities and receive instructions for and on behalf of any and all partners of the joint venture and the entire execution of the contract, including payment, shall be done exclusively with the partner in charge;
 - d. all partners of the joint venture shall be liable jointly and severally for the execution of the contract in accordance with the contract terms, and a statement to this effect shall be included in the authorization mentioned under [c] above, as well as in the bid and in the Agreement [in case of a successful bid];
 - e. The joint venture agreement should indicate precisely the role of all members of JV in respect of planning, design, construction equipment, key personnel, work execution, and financing of the project. All members of JV should have active participation in execution during the currency of the contract. This should not be varied/modified subsequently without prior approval of the employer;
 - f. The joint venture agreement should be registered, so as to be legally valid and binding on all partners; and
 - g. a copy of the Joint Venture Agreement entered into by the partners shall be submitted with the bid.
- 2. The figures for each of the partners of a joint venture shall be added together to determine the Bidder's compliance with the minimum qualifying criteria required for the bid. All the partners collectively must meet the criteria specified in full. Failure to comply with this requirement will result in rejection of the joint venture's bid.
- 3. The performance security of a Joint Venture shall be in the name of the partner *Lead Partner* / joint venture.
- 4. Attach the power of attorney of the partners authorizing the Bid signatory(ies) on behalf of the joint venture
- 5. Attach the agreement among all partners of the joint venture [and which is legally binding on all partners], which shows the requirements as indicated in the Instructions to Bidders'.
- 6. Furnish details of participation proposed in the joint venture as below:

DETAILS OF PARTICIPATION IN THE JOINT VENTURE

Participation Details	Form 'A' (Lead partner)	Firm 'B'	Firm 'C'
Financial			
Name of the Banker(s)			
Planning			
Construction Equipment			
Key Personnel			
Execution of Work (Give details on			
contribution of each)			

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Annexure – H

(See clause 12 of Section 2 –ITB & Clause 4 of GCC)

ORGANIZATIONAL DETAILS

(To be contained in Envelope-A)

S.No.	Particulars	Details
1		(If applicable, scanned copy
	Centralized Registration system of	
	Govt. of M.P. or proof of application for	registration to be uploaded)
	registration	
2	Valid registration of bidder in	
	appropriate class through centralized	
	registration of Govt. of M.P.	to be uploaded)
3	Valid GST, PAN and PF Registration	
4	No.	
4	Name of Organization / Individual / Proprietory Firm / Partnership firm	
5	Entity of Organization Individual /	
	Proprietory firm / Partnership firm	
	(Registered under Partnership Act) /	
	Limited company (Registered under the	
	Companies Act 1956) / Corporation /	
	Joint Venture	
6	Address of communication	
7	Telephone number with STD code	
8	Fax Number with STD code	
9	Mobile Number	
10	Email Address of all communication	
	Details of Authorized Representative	
11	Name	
12	Designation	
13	Postal Address	
14	Telephone number with STD Code	
15	Fax Number with STD code	
16	Mobile Number	
17	Email Address	

Note: In case of partnership firm and limited company certified copy of partnership deed/ Articles of Association and Memorandum of Association along with registration certificate of the company shall have to be enclosed.

Date:	Signature of Bidder with Sea

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Annexure – I

(See clause 14 of Section 2 -ITB)

ENVELOPE – B, TECHNICAL PROPOSAL

Technical Proposal shall comprise the following documents:

S.No.	Particulars	Details to be submitted
1	Experience – Finance & Physical	Annexure – I (Format : I-1)
2	Annual Turnover	Annexure – I (Format : I-2)
3	List of technical personnel for the key positions	Annexure – I (Format : I-3)
4	List of Key equipments / machines for quality control labs	Annexure – I (Format : I-4)
5	List of key equipments / machines for construction work	Annexure – I (Format : I-5)

Note:

- 1. Technical Proposal should be uploaded duly page numbered and indexed. Each page must be signed by the bidder and also be submitted in physical form also.
- 2. Technical Proposal uploaded otherwise will not be considered.

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Name of Work: Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore

Annexure - I (Format: I-1)

(See clause 14 of Section 2 -ITB)

FINANCIAL & PHYSICAL EXPERIENCE DETAILS

A. **Financial Requirement:**

The bidder should have completed either of the below:

- a) three similar works each costing not less than the amount equal to 20% of the probable amount of contract during the last 3 financial years; or
- two similar works each costing not less than the amount equal to 30% of the probable amount of contract during the last 3 financial years; or
- c) one similar work of aggregate cost not less than the amount equal to 50% of the probable amount of contract n any one financial year during the last 3 financial years;

To be filled-in by the contractor:

- Details of successfully completed similar works shall be furnished in the following
- Certificate duly signed by the employer shall also be enclosed for each completed similar work.

Agreement Number & Year	Name of Work	Date of Work Order	Date of Completion	Amount of Contract	Employer's Name and Address

Existing commitments – (Value of 'C' for Bid Capacity formula)

Agreement Number & Year	Name of Work	Date of Work Order	Date of Completion	Amount of Contract	Amount of balance work	Employer's Name and Address

B. Ph	nysical Requi	rement:		
		,		
		1		

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Execution of similar items of work in any one financial year during the last 3 financial years should not be less than the minimum physical requirement fixed for the work.

S.	Particulars		Actual Quantity Executed							
No.			(To b	e filled in by	the contractor)					
		1	/ear – 1	Year – 2	Year – 3					
1	Physical qualification required			Nes/1	No /					
2	Earthwork									
3	Concrete work									

Note:

- 1. Certificate duly signed by the employer shall be enclosed for the actual quantity executed in any one year during the last 3 financial years.
- 2. <u>Similar works</u>: The similarity shall be based on the physical size, complexity, methods technology or other characteristics of main items of work viz. earth work, cement concrete, Reinforced cement concrete, brick masonry, stone masonry etc.
- 3. Above annexure and each of the documents in support must be signed by the bidder.

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Annexure - I (Format: I -2)
(See clause 14 of Section 2 - ITB)

ANNUAL TURN OVER

Requirement:

Average annual construction turnover on the construction works not less than 50% of the probable amount of contract during the last 5 financial years;

To be filled-in by the contractor:

Financial Year	Payments received for contracts in progress or completed
1	
2	
3	
4	
5	

Note: i) Annual turnover of construction should be certified by the Chartered Accountant.

ii) Audited balance sheet including all related notes, and income statements for the above financial years to be enclosed.

ENHANCEMENT FACTOR: The base year shall be taken as 2017–18. Following enhancement factors will be used for the cost of works executed and the financial figures bring to a common base for the value of works completed in India, for above clause 3.1(i) only.

Year	Multiplying factor
2017 – 18	1.10
2016 – 17	1.21
2015 – 16	1.33
2014 – 15	1.46
2013 – 14	1.60

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Bid Capacity: Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity is more than the amount put to this NIT. The available bid capacity will be calculated as under in Annexure-X:-

Bid Capacity = (1.5 A X B) - C

Where -

- A = Maximum value of civil engineering works executed in any one year during the last five year (10% weightage per year shall be given to bring the value of work executed at present price level)
- B = Proposed contract period in years.
- C = Amount of work in hand at present, as per Annexure-I (Format I-2 Table-2).

Note:

- 1. The bidder shall have to submit his Bid capacity as per the formula mentioned above.
- 2. Above annexure and each of the documents in support must be signed by the bidder.

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Annexure - I (Format: I-3)
(See clause 14 of Section 2 –ITB & Clause 6 of GCC)

List of Technical Personnel for the Key Positions

	Minimum requirement at work site						Available with the bidder											
S. No.	Key Position	Minimum requirement	Qualification	σογ	പളപ	Similar work	experience	Total Work	Experience	S. No.	Name of Personnel	Key Position	Qualification	Age	Similar work	experience	Total Work	Experience
1	Project Manager																	
2	Civil Engineer										78 78 88 88 88 88 88 88 88 88 88 88 88 8							
3	Field Engineer									4								
4	Material Engineer									7								
5	Quantity surveyor											φ						
6	Bill Engineer																	
7	Lab Technicia n																	
8	Electrical Engineer						-											
9	Field Electrical Engineer				p.													
10	Mechanic al Engineer																	
11	Field Mechanic al Engineer																	
12	Safety Engineer																	

Annexure I (Format:	I	-4)
(See clause 14 of Section	2	-ITB)

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List of Key Equipments/ Machines for Quality Control Labs

- 1. Contractor Should Have his own automatic 1 weight batching plant of min.30 cu.m/hr capacity Equipped as per requirement transit mixer. He may submit ownership papers / lease Agreement.
- 2. Well Equipped Lab Having Following equipments
 - a. Chemical Analysis Set For Concrete And Mortai
 - b. Density test: Sand replacement Appartus + oven
 - c. Small containers=20 nos
 - d. Rapit Moisture Meter Set
 - e. Electronic Weighing Machine of Sensitiveness ().01 kg
 - f. Balance Capable for measuring 2000 kg
 - g. Sieve Set :
 - i) 20mm Down metal
 - ii) 40mm Down metal
 - iii) sand
 - h. Electronic Bar detector (Bar Space)
 - i. Mohar's Hardness scal
 - j. Universal testing Machine:
 - a. Compressive testing Machine
 - b. Rebound hammer
 - k. Concrete Cube Set
 - Ovens: Electrically operated, thermostatically controlled up to 110 degree C –
 Sensitivity 1 decre C.
 - m. Sieves As per IS 460
 - n. Enamel Trace (For efflorescene test for bricks)
 - o. Micrometer Screw 25mm gauge
 - p. Moisture meter for timber
 - q. Other instrument like Steel tapes 3m, 10m, 15m, 30m, 50m and 100m, verneer calipers, good quality plumb bobs, spirit level minimum 30cm long with 3 bubbles for horizontal vertical, wire gauge (circular type) Disc, foot rule, long nylon thread, magnifying glass, screw driver 30 cms long hammer 100 gms, plastic bags etc.

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Annexure - I (Format: 1-5)

(See clause 14 of Section 2 -ITB)

List of Key Equipments / Machines for Construction Work

Minimum requirement			Available with the bidder	
S. No.	Name of Equipment/ Machinery	Quantity	Name of Equipment/	Quantity
140.			Machinery	
1	RMC Plant of 30 cum/hr.		A	
2	Transit Mixer		Lantig	
3	Tower Crane	1 . 11		
4	Hoist Crane			
5	Cage Lift (For Inspection purpose)			
6	Plate vibrator			
7	Pin vibrator 40 m.m., 60m.m Diesel/Electric	107		
8	JCB			
9	Loader			
10	Tractor Troly			
11	Electric / Petrol or diesel steel saw			
12	DG Set			
13	Auto level			
14	Total Station point survey instrument			
15	Diamond core cutter			

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Annexure – J

(See clause 15 of Section 2 -ITB)

FINANCIAL BID

(To Be Contained in Envelope-C)

Name of Work: Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore

I/We hereby bid for the execution of the above work within the time spe	ecified at the
rate (in figures) (in words)	percent below
above or at par based on the Bill of Quantities and item wise rates gi	iven therein in all
respects and in accordance with the specifications, designs, drawings in writing in all respects in accordance with such conditions so far as have visited the site of work and am/ are fully aware of all the difficultie likely to affect carrying out the work. I/We have fully acquainted rnyself the conditions in regard to accessibility of site and quarries/kilns, nature of ground, working conditions including stacking of materials, install a plant conditions effecting accommodation and movement of labour endosatisfactory execution of contract. Should this bid be accepted, I/We hereby agree to abide by terms and provisions of the said conditions of contract annexed applicable, or in default thereof to forfeit and pay to the Governor of lor his successors in office the surns of money mentioned in the said conditions.	and instructions applicable. I/We applicable. I/We applicable. I/We applicable. I/We applicable about reand the extension of tools and applicable and fulfill all the hereto so far as Madhya Pradesh
i. Only one rate of percentage above or below or at par base Quantities and item wise rates given therein shall be quoted.	ed on the Bill o
i. Only one rate of percentage above or below or at par base Quantities and item wise rates given therein shall be quoted. ii. Fercentage shall be quoted in figures as well as in words. If figures and words is found lower of the two shall be taken as rate. If the bidder is not ready to accept such valid and correct to furnish performance security and sign the agreement his deposit shall be forfeited.	valid and correct rate and declines
iii. In case the percentage "above" or "below" is not given by a bic be treated as non-responsive.	lder, his bid shall
iv. All duties, taxes, and other levies payable by the bidder shall be percentage quoted by the bidder.	e included in the
Signature of Bidder	Name of Bidder
The above bid is hereby accepted by me on behalf of the Government	rnor of Madhya -
Signature of Officer by whom accepted	

INDORE DEVELOPMENT AUTHORITY

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Annexure – K

(See clause 15 of Section 2 -ITB)

MATERIALS TO BE ISSUED BY THE DEPARTMENT

S.No.	Name of material	Rate (Issue rate)	Unit	Remarks
		,		

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Annexure – L

(See clause 21 of Section 2 -ITB)

स्वीकृति-पत्र

प्रति,			
	विषयः		
	संदर्भः	 पोर्टल टेण्डर कमांक दि 	
		2. विज्ञप्ति कदिदि	
		3. निविदा राशि रु	
प्रपत्रों स	रस.टी.) स्वी हित अनुबंध	कार्य हेतु आपकी संदर्भित निविदा इन्दौर विकास प्राधिकरण में परसेंटेज कृति की गई है । कार्य के संबंध में रुपये के नॉन—ज्यूडिशिय निष्पादित करने के लिये आप इस पत्र के जारी होने के दिनांक से ष्ट करें, अन्यथा निविदा के साथ जमा अर्नेस्ट मनी की राशि राजसात की	ल स्टाम्प के साथ निम्नलिखित दिन के भीतर कार्यालय में
1.		चल रहे निर्माण कार्यो के संबंध में संबंधित विभाग का नाम, आवंटित का करने की समयावधि इत्यादि बाबद जानकारी ।	र्य का नाम, कार्य की लागत,
2.	प्राधिकारी	में आपके रिश्तेदारों संबंधी घोषणा ।	
3.	मुख्त्यारना	मा या उसकी प्रमाणित प्रतिलिपि ।	
4.		लेबर एक्ट—1970 के अनुच्छेद 12(1) के अंतर्गत प्राप्त पत्र की प्रतियां अनु के लिए प्राप्ति प्रमाण पत्र की प्रति ।	च्छेद (4) के अंतर्गत इससे
5.		संनिर्माण कर्मकार उपकर अधिनियम 1996 की धारा 7 के अंतर्गत अपनी लय में कराकर प्राधिकारी कार्यालय में उसकी प्रति प्रस्तुत करना अनिवार्य	
6.		जो स्टोर ठेकेदार द्वारा बनाया जाता है, वह कार्य पूर्ण होने के पश्चात् क भुगतान नहीं किया जावेगा ।	तुरंत ही हटाया जाए, अन्यथा
7.	पेन–कार्ड	/ जी.एस.टी. रजिस्ट्रेशन प्रमाण पत्र की स्पष्ट प्रतिलिपि अनिवार्य रुप से	प्रस्तुत करें ।
8.		ो. कंडिशन की कंडिका अनुसार परफॉर्मेन्स एण्ड मेन्टेनेन्स सिक्यूरिटी 10 की बैंक ग्यारंटी इन्दौर विकास प्राधिकरण के पक्ष में अनुबंध निष्पाद	
पृष्टा.क		इ	कार्यपालन यंत्री न्दौर विकास प्राधिकरण, इन्दौर दिनांक
प्रतिलिपिः 1		सहायक यंत्री की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु ।	
		लेखा परीक्षक की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु ।	
			कार्यपालन संत्री

कार्यपालन यंत्री इन्दौर विकास प्राधिकरण, इन्दौर

INDORE DEVELOPMENT AUTHORITY

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Annexure – M

(See clause 22 of Section 2 -ITB)

PERFORMANCE SECURITY

[name of Employer]
[address of Employer]
WHEREAS[name and address of Contractor]
(Hereinafter called "the Contractor") has undertaken, in pursuance of Letter of Acceptance 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 obligation 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 [amount of guarantee]* (in words), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, 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 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 3 (three) months from the date of expiry of the Defect Liability Period. Signature, Name and Seal of the guarantor
Name of Bank
AddressPhone No., Fax No., E-mail Address, of Signing Authority Date
* An amount shall be inserted by the Guarantor, representing the percentage the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.

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Annexure – M-1

(See clause 22 of Section 2 -ITB)

BID SECURITY (BANK GUARANTEE)
WHEREAS, [Name of Bidder] (hereinafter called "the Bidder") has submitted his bid dated [Date] for the construction
called "the Bidder") has submitted his bid dated [Date] for the construction
of [Name of Contract] (hereinafter called "the Bid"). KNOW ALL MEN by these presents that We,
[Name of Bank] of [Name of Country] having
[Name of Bank] of [Name of Country] having our registered office at (hereinafter called "the Bank")
are bound unto Indore Development Authority, Indore (here in after called "Pradhikari")
in the sum of(
successors and assigns by these presents.
SEALED with the Common Seal of the said Bank this day
of201
THE CONDITIONS of this obligation are:
(1) If the Bidder withdraws his Bid during the period of bid validity specified in the
tender documents; or (2) If the Bidder does not accept the correction of arithmetical errors of his Bid Price in
accordance with the Instructions to Bidder; or
(3) If the Bidder having been notified of the acceptance of his Bid by the Pradhikari
during the period of bid validity,
(a) Fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required: or
(b) Fails or refuses to furnish the Performance Security, in accordance with the Instructions to Bidders,
(c) Fails or refuses to furnish the Domestic Preference Security, where required.
We undertake to pay to the Pradhikari up to the above amount upon receipt of
his first written demand, without the Pradhikari having to substantiate his demand,
provided that in his demand the Pradhikari will note that the amount claimed by him is
due to him owing to the occurrence of one or any of the conditions, specifying the
occurred condition or conditions.
This Guarantee will remain in force up to and including the date 120 (one hundred and twenty) days after the deadline for submission of bids as such deadline is
stated in the Instructions to Bidders or as it may be extended by the Pradhikari, notice
of which extension(s) to the
Bank is hereby waived. Any demand in respect of this Guarantee should reach
the Bank not later than the above date.
DATE
SIGNATURE OF THE BANKSEAL OF THE BANK
SIGNATURE OF THE WITNESS
NAME AND ADDRESS OF THE WITNESS

AND ADDRESS OFTHE WITENESS

INDORE DEVELOPMENT AUTHORITY

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SECTION 3

Conditions of Contract Part – I General Conditions of Contract [GCC]

Table of Clauses of GCC

Clause	Particulars	Clause	Particulars
No.		No.	Payments for variations and /
	A.General	21	or Extra Quantities
			No compensation for
1	Definitions	22	alterations in or restriction of
			work to be carried out
2	Interpretations and	00	No lotorest Develo
2	Documents	23	No Interest Payable
3	Language and Law	24	Recovery from contractors
4	Communications	25	Tax
5	Subcontracting	26	Check Measurements
6	Personnel	27	Termination by Engineer in
		21	charge
7	Force Majeure	28	Payment upon Termination
8	Contractor's Risks	29	Performance Security
9	Liability for Accidents to	30	Security Deposit
	Person		
10	Contractor to construct the	31	Price Adjustment
	works		Thoe Adjustment
11	Discoveries	32	Mobilization and Construction
	Discovenes		Machinery Advance
12	Dispute Resolution System	33	Secured Advance
	B.Time Control	34	Payments Certificates
13	Programme		E. Finishing the Contract

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Clause No.	Particulars	Clause No.	Particulars
14	Extension of Time	35	Completion Certificate
15	Compensation for Delay	36	Final Account
16	Contractor's quoted		F.Other Conditions of
10	percentage		Contract
	C.Quality Control	37	Currencies
17	Tests	38	Labour
	Correction of Defects		
18	noticed during the Defect	39	Compliance with Labour Regulations
	Liability Period		riegulations
	D.Cost Control	40	Audit and Technical Examination
	Variations – Change in		
19	original Specifications,	41	Death or Permanent Invalidity of Contractor
	Designs, Drawings etc.		or contractor
20	Extra Items	42	Jurisdiction

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A. General

1. DEFINITIONS

- 1.1. **Bill of Quantities**: means the priced and completed Bill of Quantities forming part of the Bid
- 1.2. **Chief Engineer**: means Chief Engineer of the IDA. In case CE is not appointed posted SE shall perform the duty of CE.
- 1.3. **Completion**: means completion of the work as certified by the Engineer-in-Charge, in accordance with provisions of agreement.
- 1.4. Contract: means the Contract between the Employer and the Contractor to execute, complete and/or maintain the work. Agreement is synonym of Contract and carries the same meaning wherever used.
- 1.5. **Contract Period:** means from date of LOA to date of defect liability period.
- 1.6. **Contract Data**: means the documents and other information which comprise of the Contract.
- 1.7. **Contractor**: means a person or legal entity whose bid to carry out the work has been accepted by the Employer.
- 1.8. **Contractor's bid**: means the completed bid document submitted by the Contractor to the Employer.
- 1.9. **Contract amount**: means the amount of contract worked out on the basis of accepted bid.
- 1.10. Completion of work: means completion of the entire contracted work. Exhaustion of quantity of any particular item mentioned in the bid document shall not imply completion of work or any component thereof.
- 1.11. **Day**: means the calendar day.
- 1.12. **Defect**: means any part of the work not completed in accordance with the specifications included in the contract.
- 1.13. **Department**: means Indore Development Authority.
- 1.14. **Drawings**: means drawings including calculations and other information provided or approved by the Engineer-in-Charge.
- 1.15. **Employer**: means the party as defined in the **Contract Data**, who employs the Contractor to carry out the work. The Employer may delegate any or all functions to a person or body nominated by him for specified functions. The word Employer means Indore Development Authority.
- 1.16. **Engineer**: means Executive Engineer of IDA
- 1.17. **Engineer in charge**: means Executive Engineer of IDA.
- 1.18. **EE**: means Executive Engineer of IDA.
- 1.19. **Equipment**: means the Contractor's machinery and vehicles brought temporarily to the Site for execution of work.
- 1.20. In Writing: means communicated in written form and delivered against receipt / Email.
- 1.21. **Material**: means all supplies, including consumables, used by the Contractor for incorporation in the work.
- 1.22. Superintending Engineer: means Superintending Engineer-in-Charge of IDA.

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- 1.23. **Stipulated period of completion**: means the period in which the Contractor is required to complete the work. The stipulated period is specified in the **Contract Data**.
- 1.24. **Specification**: means the specification of the work included in the Contract and any modification or addition made or approved by the Engineer-in-Charge.
- 1.25. **Start Date:** means the date of signing of agreement for the work.
- 1.26. Sub-Contractor: means a person or corporate body who has a Contract with the Contractor, duly authorised to carry out a part of the construction work under the Contract.
- 1.27. **Temporary Work**: means work designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the work.
- 1.28. **Tender/Bid, Tenderer / Bidder**: are the synonyms and carry the same meaning where ever used.
- 1.29. **Variation**: means any change in the work which is instructed or approved as variation under this contract.
- 1.30. Work: The expression "work" or "works" where used in these conditions shall unless there be something either in the subject or context repugnant to such construction, be construed and taken to mean the work by virtue of contract, contracted to be executed, whether temporary or permanent and whether original, altered, substituted or additional.

2. INTERPRETATIONS AND DOCUMENTS

2.1 Interpretations

In the contract, except where the context requires otherwise:

- a. words indicating one gender include all genders;
- b. Words indicating the singular also include the plural and vice versa.
- c. provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing;
- d. "written" or "in writing" means hand-written, type-written, printed or electronically made, and resulting in a permanent record;

2.2 Documents Forming Part of Contract:

- 1. NIT with all amendments.
- 2. Instructions to Bidders (ITB, Bid Data Sheet with all Annexures)
- 3. Conditions of Contract:
 - i) Part I General Conditions of Contract and the Contract Data with all Annexures
 - ii) Part II Special Conditions of Contract.
- 4. Specifications
- 5. Drawings
- 6. Bill of Quantities
- 7. Technical and Financial Bid
- 8. Agreement, and
- 9. Any other document(s), as specified.

3. Language and Law

The language of the Contract and the law governing the Contract are stated in the Contract Data.

4. Communications

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All certificates, notice or instruction to be given to the Contractor by Employer/Engineer shall be sent to the address or contact details given by the Contractor in [Annexure H of ITB]. The address and contact details for communication with the Employer/Engineer shall be as per the details given in the Contract Data. Communication between parties that are referred to in the conditions shall be in writing. The notice sent by facsimile (fax) or other electronic means (email) shall also be effective on confirmation of the transmission. The notice sent by registered post or speed post shall be effective on delivery or at the expiry of the normal delivery period as undertaken by the postal service. In case of any change in address for communication, the same shall be immediately notified to Engineer-in-Charge.

5. Subcontracting

Subcontracting may be permitted for contracts of value more than amount specified in the Contract Data with following conditions.

- a. The Contractor may subcontract up to 25 percent of the contract price with the approval of the CE / CEO in writing, but will not assign the Contract. Subcontracting shall not alter the Contractor's obligations.
- b. Following shall not form part of subcontracting:
 - i. Hiring of labour through a labour contractor.
 - ii. The purchase of Materials to be incorporated in the works.
 - iii. Hiring of plant & machinery

6. Personnel

- 6.1 The Contractor shall employ for the construction work and routine maintenance the technical personnel as provided in the Annexure I-3 of Bid Data Sheet, if applicable. If the Contractor fails to deploy required number of technical staff, recovery as specified in the Contract Data will be made from the Contractor.
- 6.2 If the Engineer asks the Contractor to remove a person who is a member of the Contractor's staff or work force, stating the reasons, the Contractor shall ensure that the person leaves the Site within three days and has no further connection with the Works in the Contract.

7. Force Majeure

- **7.1** The term "Force Majeure" means an exceptional event or circumstance:
 - (a) Which is beyond a Party's control,
 - (b) Which such Party could not reasonably have provided against before entering into the Contract,
 - (c) Which, having arisen, such Party could not reasonably have avoided or overcome, and
 - (d) Which is not substantially attributable to the other Party. Force Majeure may include, but is not limited to, exceptional events or circumstances of the kind listed below, so long as conditions (a) to (d) above are satisfied:

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- (i) War, hostilities (whether war be declared or not), invasion, act of foreign enemies.
- (ii) Rebellion, terrorism, sabotage by persons other than the Contractor's Personnel, revolution, insurrection, military or usurped power, or civil war,
- (iii) Riot, commotion, disorder, strike or lockout by persons other than the Contractor's Personnel,
- (iv) Munitions of war, explosive materials, ionising radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity, and
- (v) Natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.
- 7.2. In the event of either party being rendered unable by force majeure to perform any duty or discharge any responsibility arising out of the contract, the relative obligation of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by either party shall be borne by respective parties.
- 7.3 For the period of extension granted to the Contractor due to Force Majeure the price adjustment clause shall apply but the penalty clause shall not apply. It is clarified that this sub clause shall not give eligibility for price adjustment to contracts which are otherwise not subject to the benefit of price adjustment clause.
- **7.4** The time for performance of the relative obligation suspended by the force majeure shall stand extended by the period for which such cause lasts. Should the delay caused by force majeure exceed **twelve** months, the parties to the contract shall be at liberty to foreclose the contract after holding mutual discussions.

8. Contractor's Risks

- **8.1** All risks of loss or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract are the responsibility of the Contractor alone.
- **8.2** All risks and consequences arising from the inaccuracies or falseness of the documents, drawing, designs, other documents and/or information submitted by the contractor shall be the responsibility of the Contractor alone, notwithstanding the fact that the designs/ drawings or other documents have been approved by the IDA.

9. Liability for Accidents to Person

The contractor shall be deemed to have indemnified and saved harmless the IDA against all action, suits, claims, demands, costs etc. arising in connection with injuries suffered by any persons employed by the contractor or his subcontractor for the works whether under the General law or under workman's compensation Act, or any other statute in force at the time of dealing with the question of the liability of employees for the injuries suffered by employees and to have taken steps properly to ensure against any claim there under.

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10. Contractor to Construct the Works

- 10.1 The Contractor shall construct, install and maintain the Works in accordance with the Specifications and Drawings as specified in the **Contract Data**.
- 10.2 In the case of any class of work for which there is no such specification as is mentioned in Contract Data, such work shall be carried out in accordance with the instructions and requirement of the Engineer-in-charge.
- 10.3 The contractor shall supply and take upon himself the entire responsibility of the sufficiency of the scaffolding, timbering, machinery, tools and implements, and generally of all means used for the fulfilment of this contract whether such means may or may not be approved or recommended by the Engineer.

11. Discoveries

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

12. Dispute Resolution System

- 12.1 No dispute can be raised except before the Competent Authority as defined in Contract Data in writing giving full description and grounds of dispute. It is clarified that merely recording protest while accepting measurement and/or payment shall not be taken as raising a dispute.
- 12.2 No dispute can be raised after 45 days of its first occurrence. Any dispute raised after expiry of 45 days of its first occurrence shall not be entertained and the Employer shall not be liable for claims arising out of such dispute.
- **12.3** The **Competent Authority** shall decide the matter within 45 days.
- 12.4 Appeal against the order of the Competent Authority can be preferred within 30 days to the **Appellate Authority** as defined in **the Contract Data**. The Appellate Authority shall decide the dispute within 45 days.
- 12.5 Appeal against the order of the Appellate Authority can be preferred before the Madhya Pradesh Arbitration Tribunal constituted under Madhya Pradesh Madhyastham Adhikaran Adhiniyam, 1983.
- 12.6 The Contractor shall have to continue execution of the Works with due diligence notwithstanding pendency of a dispute before any authority or forum.

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13. Programme

- 13.1 Within the time stated in the Contract Data, the Contractor shall submit to the Engineer for approval a Programme showing the general methods, arrangements, order and timing for all the activities for the construction of works.
- 13.2 The program shall be supported with all the details regarding key personnel, equipment and machinery proposed to be deployed on the works for its execution. The contractor shall submit the list of equipment and machinery being brought to site, the list of key personnel being deployed, the list of machinery/equipment being placed in field laboratory and the location of field laboratory along with the Programme.
- 13.3 An update of the Programme shall be a programme showing the actual progress achieved on each activity and the effect of the progress achieved on the timing of the remaining Works, including any changes to the sequence of the activities.
- 13.4 The Contractor shall submit to the Engineer for approval an updated Programme at intervals no longer than the period stated in the **Contract Data**. If the Contractor does not submit an updated Programme within this period, the Engineer may withhold the amount stated in the **Contract Data** from the next payment certificate and continue to withhold this amount until the next payment after the date on which the overdue Programme has been submitted.
- 13.5 The Engineer's approval of the Programme shall not alter the Contractor's obligations.

14. Extension of Time

- 14.1. If the Contractor desires an extension of time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other grounds, he shall apply, in writing, to the Engineer-in-charge, on account of which he desires such extension. Engineer-in-Charge shall forward the aforesaid application to the Competent Authority as prescribed.
- 14.2 The competent authority shall grant such extension at each such occasion within a period of 30 days of receipt of application from contractor and shall not wait for finality of work. Such extensions shall be granted in accordance with provisions under clause- 15 of this agreement.
- 14.3 In case the work is already in progress, the Contractor shall proceed with the execution of the works, including maintenance thereof, pending receipt of the decision of the competent authority as aforesaid with all due diligence.

15. Compensation for delay

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- 15.1 The time allowed for carrying out the work, as entered in the agreement, shall be strictly observed by the Contractor.
- 15.2 The time allowed for execution of the contract shall commence from the date of signing of the agreement. It is clarified that the need for issue of work order is dispensed with.
- 15.3 In the event milestones are laid down in the Contract Data for execution of the works, the contractor shall have to ensure strict adherence to the same.
- **15.4** Failure of the Contractor to adhere to the timelines and/or milestones shall attract such liquidated damages as is laid down in the Contract Data.
- 15.5 In the event of delay in execution of the Works as per the timelines mentioned in the Contract Data the Engineer-in-charge shall retain from the bills of the Contractor amount equal to the liquidated damages leviable until the Contractor makes such delays good. However, the Engineer-in-charge shall accept bankable security in lieu of retaining such amount.
- 15.6 If the Contractor is given extension of time after liquidated damages have been paid, the Engineer in Charge shall correct any over payment of liquidated damages by the Contractor in the next payment certificate.
- 15.7 In the event the Contractor fails to make good the delay until completion of the stipulated contract period (including extension of time) the sum so retained shall be adjusted against the liquidated damages levied.

16. Contractor's quoted percentage

The Contractor's quoted percentage rate referred to in the "Bid for works" will be deducted/ added from/to the net amount of the bill after deducting the cost of material supplied by the department.

C. Quality Control

17. Tests

- **17.1** The Contractor shall be responsible for:
 - a. Carrying out the tests prescribed in specifications, and
 - b. For the correctness of the test results, whether preformed in his laboratory or elsewhere.
- 17.2 The contractor shall have to establish field laboratory within the time specified and having such equipments as are specified in the **Contract Data**.
- **17.3** Failure of the Contractor to establish laboratory shall attract such penalty as is specified in the **Contract Data**.

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18. Correction of Defects noticed during the Defect Liability Period

- 18.1 The Defect Liability Period of work in the contract shall be as per the **Contract Data**.
- 18.2 The Contractor shall promptly rectify all defects pointed out by the Engineer well before the end of the Defect Liability Period. The Defect Liability Period shall automatically stand extended until the defect is rectified.
- 18.3 If the Contractor has not corrected a Defect pertaining to the Defect Liability Period to the satisfaction of the Engineer, within the time specified by the Engineer, the Engineer will assess the cost of having the Defect corrected, and the cost of correction of the Defect shall be recovered from the Performance Security or any amount due or that may become due to the contractor and other available securities.

D. Cost Control

19. Variations - Change in original Specifications, Designs, and Drawings etc.

- 19.1 The Engineer-in-charge shall have power to make any alterations, omissions or additions to or substitutions in the original specifications, drawings, designs and instructions, that may appear to him to be necessary during the progress of the work and the contractor shall carry out the work in accordance with any instructions which may be given to him in writing signed by the Engineer-in-charge, and such alterations, omission, additions or substitutions shall not invalidate the contract and any altered, additional or substituted work, which the contractor may be directed to do in the manner above specified, as part of the work, shall be carried out by the contractor on the same conditions in all respects on which he agrees to do the main work.
- 19.2 The time for the completion of the work shall be adjusted in the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Engineer-in-charge shall be conclusive as to such proportion.

20. Extra items

20.1 All such items which are not included in the priced BOQ shall be treated as extra items.

21. Payments for Variations and / or Extra Quantities

- 21.1 The rates for such additional (Extra quantity), altered or substituted work / extra items under this clause shall be worked out in accordance with the following provisions in their respective order:
 - a. The contractor is bound to carry out the additional (Extra quantity), work at **the same rates** as are specified in the contract for the work.
 - b. If the item is not in the priced BOQ and is included in the SOR of the department, the rate shall be arrived at by applying the quoted tender percentage on the SOR rate.

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- c. If the rates for the altered or substituted work are not provided in applicable SOR such rates will be derived from the rates for a similar class (type) of work as is provided in the contract (priced BOQ) for the work.
- d. If the rates for the altered, substituted work cannot be determined in the manner specified in the sub clause (c) above then the rates for such composite work item shall be worked out on the basis of the concerned Schedule of Rates minus/plus the percentage quoted by the contractor.
- e. If the rates for a particular part or parts of the item is not in the Schedule of Rates and the rates for the altered, or substituted work item cannot be determined in the manner specified in sub clause (b) to (d) above, the rate for such part or parts will be determined by the Competent Authority as defined in the Contract Data on the basis of the rate analysis derived out of prevailing market rates when the work was done.
- f. But under no circumstances, the contractor shall suspend the work on the plea of non-acceptability of rates on items falling under sub clause (a) to (d). In case the contractor does not accept the rate approved by the Engineer in Charge for a particular item, the contractor shall continue to carry out the item at the rates determined by the Competent Authority. The decision on the final rates payable shall be arrived at through the dispute settlement procedure.

22. No compensation for alterations in or restriction of work to be carried out.

- 22.1 If at any time after the commencement of the work, the Engineer-in-charge, for any reason whatsoever, not require the whole or any part of the work as specified in the bid to be carried out; the Engineer-in-charge shall give notice in writing of the fact to the Contractor and withdraw that whole or any part of the work.
- 22.2 The Contractor shall have no claim to any payments or compensation whatsoever, on account of any profit or advantage which he might have derived from the execution of work in full or on account of any loss incurred for idle men and machinery due to any alteration or restriction of work for whatsoever reason.
- 22.3 The Engineer-in-charge may supplement the work by engaging another agency to execute such portion of the work, without prejudice to his rights.

23. No Interest Payable

No interest shall be payable to the Contractor on any payment due or awarded by any authority.

24. Recovery from Contractors

Whenever any claim against the Contractor for the payment arises under the contract, the IDA may be entitled to recover such sum by:

(a) Appropriating, in part or whole of the Performance Security and Additional Performance Security, if any; and/or Security Deposit and / or any sums payable under the contract to the contractor.

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- **(b)** If the amount recovered in accordance with (a) above is not sufficient, the balance sum may be recovered from any payment due to the contractor under any other contract of the department, including the securities which become due for release.
- **(c)** The department shall, further have an additional right to effect recoveries as arrears of land revenue under the *M.P. Land Revenue Code*.

25. TAXES:

25.1 Goods and Service Tax (GST) which includes IGST, CGST, SGST/UTGST, GST Compensation Cess (if applicable) shall be paid extra. Tender Price (quoted rates) shall be excluding GST. All duties, taxes, Octroi, Royalties, cess, and any other direct or indirect taxes except GST, levied or to be levied, and/or any change in the rates of such taxes, duties, cess, surcharge etc. from time to time, by the Central Government, State Government, Local Bodies and any other Government Agency or private individuals on the contractor's work shall be inclusive in the quoted rates of the contract and such taxes and duties will be paid by the contractor. Wherever TDS/TCS is required to be deducted by the IDA under the Income Tax Act, GST Acts, or any other Act, such taxes and duties shall be deducted at the specified rates from the contractor's bills/deposits. It is clarified that the burden/incidence of all such taxes and duties is on the contractor and shall deemed to be included into the quoted rates of the contract except GST. The tender price should be quoted after taking into account Input Tax Credit available to the contractor. The list given in the clause is an illustrative list and not the exhaustive list.

The registered contractor shall issue the Tax Invoice showing the amount of CGST, SGST, IGST as the case may be, separately. The TDS under GST when applicable shall be deducted @2% (1% CGST & 1% SGST) on the taxable value by the IDA. The other deduction like TDS under Income Tax, Labour Welfare Cess etc. shall be deducted separately.

- 25.2 The contractor shall have to furnish a ROYALTY CLEARANCE CERTIFICATE from the Distt. Collector before final bill.
- 25.3 Any changes in the taxes due to change in legislation or for any other reason shall not be payable to the contractor.

26. Check Measurements

- **26.1** The department reserves to itself the right to prescribe a scale of check measurement of work in general or specific scale for specific works or by other special orders.
- **26.2** Checking of measurement by superior officer shall supersede measurements by subordinate officer(s), and the former will become the basis of the payment.
- Any over/excess payments detected, as a result of such check measurement or otherwise at any stage up to the date of completion of the defect liability period specified in this contract, shall be recoverable from the Contractor, as per clause 24 above.

27. Termination by Engineer in Charge

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- 27.1 If the Contractor fails to carry out any obligation under the Contract, the Engineer in Charge may by notice require the Contractor to make good the failure and to remedy it within a specified reasonable time.
- 27.2 The Engineer in Charge shall be entitled to terminate the Contract if the Contractor
 - a) abandons the Works or otherwise plainly demonstrates the intention not to continue performance of his obligations under the Contract;
 - b) the Contractor is declared as bankrupt or goes into liquidation other than for approved reconstruction or amalgamation;
 - without reasonable excuse fails to comply with the notice to correct a particular defect within a reasonable period of time;
 - d) the Contractor does not maintain a valid instrument of financial security as prescribed;
 - e) the Contractor has delayed the completion of the Works by such duration for which the maximum amount of liquidated damages is recoverable;
 - f) If the Contractor fails to deploy machinery and equipment or personnel or set up a field laboratory as specified in the **Contract Data**;
 - g) If the contractor, in the judgment of the Engineer in charge has engaged in corrupt or fraudulent practices in competing for or in executing the contract;
 - h) Any other fundamental breaches as specified in the **Contract Data**.
- 27.3 In any of these events or circumstances, the Engineer in Charge may, upon giving 14 days' notice to the Contractor, terminate the Contract and expel the Contractor from the Site. However, in the case of sub-paragraph (b) or (g) of clause 27.2, the Engineer in Charge may terminate the Contract immediately.
- **27.4** Notwithstanding the above, the Engineer-in-Charge may terminate the Contract for convenience by giving notice to the Contractor.

28. Payment upon Termination

- 28.1 If the contract is terminated under clause 27.3, the Engineer shall issue a certificate for value of the work accepted on final measurements, less Advance Payments and Penalty as indicated in the Contract Data. The amount so arrived at shall be determined by the Engineer-in-Charge and shall be final and binding on both the parties.
- 28.2 Payment on termination under clause 27. 4 above -

If the Contract is terminated under **clause 27.4** above, the Engineer shall issue a certificate 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

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due in terms of the contract and less taxes due to be deducted at source as per applicable law.

28.3 If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be recovered as per **clause 24** above.

29. Performance Security

The Contractor shall have to submit performance security and additional performance security, if any, as specified in the **Bid Data Sheet** at the time of signing of the contract. The contractor shall have to ensure that such performance security and additional performance security, if any, remains valid for the period and will be released as specified in the Contract Data.

30. Security Deposit-

- 30.1 Security Deposit shall be deducted from each running bill at the rate as specified in the **Contract Data**. The total amount of Security Deposit so deducted shall not exceed the percentage of Contract Price specified in the **Contract Data**.
- 30.2 The security deposit may be replaced by equivalent amount of bank guarantee or fixed deposit receipt assigned to the Employer, with validity up to 3 (three) months beyond the completion of Defect Liability Period/ extended Defect Liability Period, on completion of work.
- **30.3** The Security Deposit shall be refunded as specified in the contract data on completion of Defect Liability Period.

31. Price Adjustment

31.1 Applicability

- 1. Price adjustment shall be applicable only if provided for in the Contract Data.
- 2. The price adjustment clause shall apply only for the works executed from the date of signing of the agreement until the end of the initial intended completion date or extensions granted for reasons attributed to the Employer by the Engineer.
- **3.** The Contractor shall not be entitled to any benefit arising from the price adjustment clause for extension in the contract period for reasons attributed to the Contractor.
- 4. No price variation applicable on such items which are derived from current market rate.
- 5. In the Force Majeure event the price escalation clause shall apply.

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31.2 Procedure

- 1. Contract price shall be adjusted for increase or decrease in rates and price of labour, materials, fuels and lubricants in accordance with following principles and procedures and as per formula given in the **contract data**.
- 2. The price adjustable shall be determined during each **quarter** from the formula given in the **contract data**.
- **3.** Following expression and meaning are assigned to the work done during each quarter:
 - **R** = Total value of work during the **quarter**. It would include the amount of secured advance granted, if any, during the quarter, less the amount of secured advance recovered, if any during the **quarter**, **less value of material issued by the department, if any, during the quarter**.
- **4.** Weightages of various components of the work shall be as per the **Contract Data.**
- 31.3 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 and prices included in the contract shall be deemed to include amounts to cover the contingency of such other rise or fall in costs.
- 31.4 The index relevant to any quarter, for which such compensation is paid, shall be the arithmetical average of the indices relevant of the calendar month.
- 31.5 For the purpose of clarity it is pointed out that the price adjustment may be either positive or negative, i.e. if the price adjustment is in favour of the Employer, the same shall be recovered from the sums payable to the Contractor.

32. Mobilization and Construction Machinery Advance

- **32.1** Payment of advances shall be applicable if provided in the **Contract Data**.
- 32.2 If applicable, the Engineer in Charge shall make interest bearing advance payment to the contractor of the amounts stated in the **Contract Data**, against provision by the contractor of an unconditional Bank Guarantee in a form and by a nationalized/ scheduled banks, in the name as stated in the **Contract Data**, 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.
- **32.3** The rate of interest chargeable shall be as per **Contract Data**.
- 32.4 The construction machinery advance, if applicable, shall be limited to 80% of the cost of construction machinery and admissible only for new construction machinery.

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32.5 The advance payment shall be recovered as stated in the **Contract Data** by deducting proportionate amounts from payment otherwise due to the Contractor. No account shall be taken of the advance payment or its recovery in assessing valuations of work done, variations, price adjustments, compensation events, or liquidated damages.

33. Secured Advance

- **33.1** Payment of Secured Advance shall be applicable if provided in the **Contract Data**.
- 33.2 If applicable, the Engineer shall make advance payment against materials intended for but not yet incorporated in the Works and against provision by the contractor of an unconditional Bank Guarantee in a form and by a nationalized/ scheduled bank, in the name as stated in the Contract Data, in amounts equal to the advance payment. The guarantee shall remain effective until the advance payment has been adjusted, but the amount of the guarantee shall be progressively reduced by the amounts adjusted by the contractor.
- 33.3 The amount of secured advance and conditions to be fulfilled shall be as stipulated in the **Contract Data**.
- 33.4 The Secured Advance paid shall be recovered as stated in the Contract Data.

34. Payment Certificates

The payment to the contractor will be as follows for construction work:

- (a) The Contractor shall submit to the Engineer monthly statements of the value of the work executed less the cumulative amount certified previously, supported with detailed measurement of the items of work executed.
- **(b)** The Engineer shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.
- **(c)** The value of work executed shall be determined, based on the measurements approved by the Engineer/ Engineer-in-charge.
- (d) The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- **(e)** The value of work executed shall also include the valuation of Variations and Compensation Events.
- (f) All payments shall be adjusted for deductions for advance payment, security deposit, other recoveries in terms of contract and taxes at source as applicable under the law.
- (g) The Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.

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- (h) Payment of intermediate certificate shall be regarded as payments by way of advance against the final payment and not as payments for work actually done and completed.
- (i) Intermediate payment shall not preclude the requiring of bad, unsound and imperfect or unskilled work to be removed and taken away and reconstructed or be considered as an admission of the due performance of the contractor any part thereof, in any respect or the occurring of any claim.
- (j) The payment of final bill shall be governed by the provisions of clause 36 of GCC.

E. Finishing the Contract

35. Completion Certificate

- **35.1** A Completion Certificate in the prescribed format in **Contract Data** shall be issued by the Engineer-in-Charge after physical completion of the Work.
- **35.2** After final payment to the Contractor, a Final Completion Certificate in the prescribed format in the **Contract Data** shall be issued by the Engineer-in-Charge.

36. Final Account

- The Contractor shall supply the Engineer with a detailed account of the total amount that the Contractor considers payable for works under the Contract within 21 days of issue of certificate of physical completion of works. The Engineer shall issue a Defects Liability Certificate and certify any payment that is due to the Contractor within 45 days of receiving the Contractor's account if it is correct and complete. If the account is not correct or complete, the Engineer shall issue within 45 days a schedule that states the scope of the corrections or additions that are necessary. If the Account is still unsatisfactory after it has been resubmitted, the matter shall be referred to the Competent Authority as defined in the Contract Data, who shall decide on the amount payable to the Contractor after hearing the Contractor and the Engineer in Charge.
- 36.2 In case the account is not received within 21 days of issue of Certificate of Completion as provided in clause 35.1 above, the Engineer shall proceed to finalise the account and issue a payment certificate within 28 days.

F. Other Conditions of Contract

37. Currencies

All payments will be made in Indian Rupees.

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38. Labour

- **38.1** 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.
- 38.2 The Contractor shall, if required by the Engineer, deliver to the Engineer a return in detail, in such form and at such intervals as the Engineer 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 Engineer may require.

39. Compliance with Labour Regulations

39.1. 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. Salient features of some of the major labour laws that are applicable to construction industry are given in the Contract Data. 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 their 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 nonobservance of the provisions stipulated in the notifications/byelaws/Acts/Rules/ regulations including amendments, if any, on the part of the Contractor, the Engineer/Employer shall have the right to deduct from any money due to the Contractor including his amount of performance security. The Employer/Engineer 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.

40. Audit and Technical Examination

Government as well as IDA shall have the right to cause an audit and technical examination of the works and the final bill of the contract including all supporting vouchers, abstract etc. to be made after payment of the final bill and if as a result of such audit and technical examination any sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed by him to have been done under the contract and found not to, have been executed, the Contractor shall be liable to refund the amount of overpayment and it shall be lawful for IDA to recover the same from him in the manner prescribed in **clause 24** above and if it is found that the Contractor was paid less than what was due to him, under the contract in respect of any

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work executed by him under it, the amount of such under payment shall be duly paid by IDA to the Contractor.

41. Death or Permanent Invalidity of Contractor

If the Contractor is an individual or a proprietary concern, partnership concern, dies during the currency of the contract or becomes permanently incapacitated, where the surviving partners are only minors, the contract shall be closed without levying any damages/compensation as provided for in **clause 28.2** of the contract agreement. However, if the competent authority is satisfied about the competence of the survivors, then the competent authority shall enter into a fresh agreement for the remaining work strictly on the same terms and conditions under which the contract was awarded.

42. Jurisdiction

This contract has been entered into the State of Madhya Pradesh and its validity, construction, interpretation and legal effect shall be subjected to the courts at the place where this agreement is entered into. No other jurisdiction shall be applicable.

[End of GCC]

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Contract Data

000		Contract Data		
GCC Clause	Particulars	Data		
1.14	Employer	Indore Development Authority		
1.15	Engineer	Raman Mahajan Executive Engineer		
1.16	Engineer in Charge	Raman Mahajan Executive Engineer		
1.23	Stipulated Period of	12 Months including rainy season.		
	Completion	(period is always excluding rainy season,		
		unless mentioned otherwise)		
		Applicable as below:		
		For Road & Bridge works costing:		
		upto Rs. 5 Crores- max 12 months		
		from Rs. 5 to 10 Crores - max 18 months		
		from Rs. 10 to 20 Crores - max 24 months		
		from Rs. 20 to 50 Crores - max 28 months		
		more than Rs. 50 Crores - max 36 months		
		For Conventional Building works costing:		
		upto Rs. 50 lacs- max 09 months		
		from Rs. 50 lacs to 2 max 12 months		
		Crores -		
		from Rs. 2 to 10 Crores - max 18 months		
		More than Rs. 10 Crores max 24 months		
		For Prefab Building works:		
		the time permitted to be kept is 50% of time		
		prescribed for conventional construction		
3	Language & Law of Contract	English & Indian Contract Act 1872		
	Address & contact	As per 'Annexure-H'		
	details of the			
	Contractor			
4	Address & contact	EXECUTIVE ENGINEER		
	details of the	INDORE DEVELOPMENT AUTHORITY		
	Employer/ Engineer –	Mobile No.: 9893699150		
	phone, Fax, e-mail.	Fax: 0731-2430553		
		Email: idaindore7@yahoo.in		
5	Subcontracting	Applicable for the works of more than Rs. Five		

INDORE DEVELOPMENT AUTHORITY

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GCC Clause	Particulars	Data
	permitted for the Contract Value	Crores only.
	Technical Personnel to be provided by the contractor	As per 'Annexure-I' (Format I-3)
6	Penalty, if required Technical Personnel not employed	Rs. 40,000/- per month for each Graduate Engineer and Rs. 25,000/- per month for each Diploma Engineer
	Specifications	As per 'Annexure - E'
10	Drawings	As per 'Annexure - N'
12	Competent Authority for deciding dispute under Dispute Resolution System	EXECUTIVE ENGINEER INDORE DEVELOPMENT AUTHORITY 7 RACE COURSE ROAD INDORE (M.P.)
	Appellate Authority for deciding dispute under Dispute Resolution System	CHIEF ENGINEER INDORE DEVELOPMENT AUTHORITY 7 RACE COURSE ROAD INDORE (M.P.)
	Period for submission of updated construction program	Every 3 months at the end of every milestone, whichever is earlier.
13	Amount to be withheld for not submitting construction program in the prescribed period	@ 1 % (one) percent of contract amount, subject to a maximum of Rs. 50,000/
14	Competent Authority for granting Time Extension	 (a) Upto 30 days – Executive Engineer, IDA (b) More than 30 days – Superintending Engineer / Chief Engineer, IDA
15	Milestones laid down for the contract If Yes, details of Milestones	Yes As per 'Annexure - O' or as below, if not mentioned in Annexure -O: Mile Stone 1:- 1/8th of the whole work before 1/4th of the whole time allowed has elapsed, Mile Stone 2:- 3/8th of the whole work before 1/2th of the whole time allowed has elapsed Mile Stone 3:- 3/4th of the whole work before 3/4th of the whole time allowed has has elapsed

INDORE DEVELOPMENT AUTHORITY

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GCC	Particulars	Data
Clause	Particulars	Data
		Mile Stone 4:- complete work within the stipulated time
	Liquidated damage	As per 'Annexure - P'
	List of equipment for	As per 'Annexure - Q'
	lab	•
47	Time to establish lab	30 days from date of signing of the Agreement
17	Penalty for not	1% of Contract Amount per month,
	establishing field	subject to a maximum of Rs. 50,000/- per
10	Laboratory	month of delay Guideline as below:
18	Defect Liability Period	(A) For Road work: (i) For New Road (Bituminous) Construction along with granular crust: - 5 years; (ii) For New Road (Concrete) Construction: - 5 years; (iii) For Renewal with BT layer less than 40 mm thick: - 2 years; (iv) For Renewal with BT layer more than 40 mm thick: 4 years; (B) For Bridge works - 5 years (C) For Building works - 5 years (Five Year) to execute, complete and maintain works in accordance with agreement and special conditions of contract (SCC) after issue of physical completion certificate as per "Annexure-U" Note: In accordance with clause 18.3 (GCC), the Engineer-in-Charge shall intimate the contractor about the cost assessed, for making good the defects, and If the contractor has not corrected defects, action for correction of defects shall be taken by the Engineer in Charge as below: (a) deploy departmental labour and material or (b) engage a contractor by issuing a work order at contract rate/SOR rate or (c) sanction supplementary work in a existing agreement to a contractor for zonal works or similar other work or (d) invite open tender or (e) combination of above
21	Competent Authority for determining the rate	As per book of financial power (updated)
27	Any other condition for breach of contract	Yes as below: If the contractor fails to achieve 50% financial progress in any milestone and /or

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GCC Clause	Particulars		Data	
		fails to achieve consecutive m	75% financial pro	gress in two
28	Penalty	Conditions of apply to the representing completing to the completing to the completing to the completion or perform including to the completion of the compl	posit as per clausof Contract, and the value of works the Employers and the works shall be 2 Damages imposed mance Securit Additional Performancial, if any, as penditions of Contract.	he percentage to c not completed dditional cost for 20 percent. I as per clause 15 cy (Guarantee) mance Security er clause 29 of act, whichever is
29	Performance guarantee (Security) shall be valid up to	Liability Period (and Additional P	beyond the comple Maintenance Guar Performance guara of completion plus t	antee Period) ntee valid upto
30	Security Deposit to be deducted from each running bill	1. For works of lacs – 10% fr deducted for deposit and einto security (2. For works of	amount put to this om each running b performance secul earnest money sha	NIT upto Rs. 20 ill will be rity and security Il be converted NIT more than
	Maximum limit of deduction of Security Deposit	Up to 5% of Fire	nal Contract Amo	unt.
	Release of Performance Security		and Road Works:-	
30.A	and Security Deposit from the date of the	01	After three year After four year	25%
	actual completion of the work	03	After five year	50%
			ter completion of w	
31	Clause 31.1(1)Price adjustment shall be applicable	(a) Price Ad case of Probab is more than Rs	e R and applicable justment shall be a le Amount of Cont of Co	applicable only in ract (PAC) in NIT than 18 months.
	Clause 31.2.4	Component	_	of Component e work

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GCC Clause	Particulars	Data
	Weightages of Component in the work	Road Work Bridge Work Work Cement - Pc Steel - Ps Bitumen - Pb POL - Pf
32	Clause 32.1 Mobilization and Construction Machinery Advance Applicable Clause 32.2 If yes, Unconditional Bank Guarantee Clause 32.3 If yes, Rate of interest chargeable on advances	No Mobilization and Construction Machinery Advance Payable Not Applicable Not Applicable
	Clause 32.4 If yes, Type & Amount of Advance payment that can be paid Clause 32.5 If yes, Recovery of advance payment	Not Applicable Not Applicable
33	Clause 33.1 Secured Advance Applicable Clause 33.2 if yes, Unconditional Bank Guarantee	Not Applicable Not Applicable
	Clause 33.2 if yes, Amount of Secured Advance Clause 33.3 if yes, Conditions for secured advance	Not Applicable Not Applicable
	Clause 33.4 if yes, Recovery of Secured	Not Applicable

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GCC Clause	Particulars	Data
	advance	
35	Completion Certificate – after physical completion of the Work	As per 'Annexure - U'
	Final Completion Certificate – after final payment on completion of the Work	As per 'Annexure- V'
36	Competent Authority	Executive Engineer of IDA
39	Salient features of some of the major labour laws that are applicable	As per 'Annexure-W'
41	Competent Authority	Executive Engineer of IDA

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ANNEXURE - N

(See clause 10 of Section 3 - GCC)

Drawings

		NII ·	
List of draw	ings –		

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ANNEXURE – O

(See clause 15 of Section 3 -GCC)

Details of Milestones

As per contract data

INDORE DEVELOPMENT AUTHORITY

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ANNEXURE – P

(See clause 15 of Section 3 -GCC)

Compensation for Delay

If the contractor fails to achieve the milestones, and the delay in execution of work is attributable to the contractor, the Employer shall retain an amount from the sums payable and due to the contractor as per following scale-

- i. Slippage up to 25% in financial target during the milestone under consideration
 - 2.5% of the work remained unexecuted in the related time span.
- ii. Slippage exceeding 25% but Up to 50% in financial target during the milestone under consideration
 - 5% of the work remained unexecuted in the related time span..
- iii. Slippage exceeding 50% but Up to 75% in financial target during the milestone under consideration
 - 7.5% of the work remained unexecuted in the related time span.
- iv. Slippage exceeding 75% in financial target during the milestone under consideration
 - -10% of the work remained unexecuted in the related time span.

Note: For arriving at the dates of completion of time span related to different milestones, delays which are not attributable to the Contractor shall be considered. The slippage on any milestone is if made good in subsequent milestones or at the time of stipulated period of completion, the amount retained as above shall be refunded. In case the work is not completed within the stipulated period of completion along with all such extensions which are granted to the Contractor for either Employer's default or Force Majeure, the compensation shall be levied on the contractor at the rate of 0.05% per day of delay limited to a maximum of 10% of contract price.

The decision of **Chief Engineer** shall be final and binding upon both the parties.

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ANNEXURE - Q

(See clause 17 of Section 3 -GCC)

List of Equipment for Quality Control Lab

1 Electronically Operated Compression Testing Machine 2 Electronic Weigh Balance 200kg 1 year 3 Electronic Weigh Balance Range 50kg 1 year 4 Electronic Weigh Balance Range 10kg 1 year 5 Electronic Weigh Balance Range 10kg 1 year 6 Rapid moisture meter 1 year 7 Hot air oven 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 Gl Test Sieves — (40nrp tig 2.36mm) 450mm dia 2.36mm) 450mm dia 2.36mm) 450mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 Gl Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 28 Ultrasonic pulse velocity equipment	S.No.	Equipment Description	Capacity	Required	Callibration
Compression Testing Machine 2 Electronic Weigh Balance				Nos./Set	Frequency
Electronic Weigh Balance Range 50kg 1 year Electronic Weigh Balance Range 10kg 1 year Electronic Weigh Balance Range 10kg 1 year Electronic Weigh Balance Range 03/05kg (least count 1 gm) Range 03/05kg (least count least cou	1	Electronically Operated	3000KN		1 year
3 Electronic Weigh Balance Range 50kg 1 year 4 Electronic Weigh Balance Range 10kg 1 year 5 Electronic Weigh Balance Range 03/05kg (least count 1 gm) 1 year 6 Rapid moisture meter 1 year 7 Hot air oven 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 1 1 GI Test Sieves - (40 inr 16 2.36mm) 450mm tita 12 Slump cone with tarr pira rod 13 Sand pouring cylinder 14 Brass Test Sieves (10 rm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml Policy Flating Flating Palas (LTM) 1000 ml Policy Flating Palas (L		Compression Testing Machine			
4 Electronic Weigh Balance Range 10kg 1 year 5 Electronic Weigh Balance Range 03/05kg (least count 1 gm) 1 year 6 Rapid moisture meter 1 year 7 Hot air oven 1 year 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 Gl Test Sieves – (40 hrift 10 2.36 mm) 450 mm tila 12 Slump cone with tarn: ing red 13 Sand pouring cylinger 14 Brass Test Sieves (10 rr.m to pan) 250 mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 Gl Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Universal testing machine (UTM)	2	Electronic Weigh Balance	200kg		1 year
5 Electronic Weigh Balance Range 03/05itg (least count in gm) 6 Rapid moisture meter 1 year 7 Hot air oven 7 Hot air oven 7 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves — (40mm to 2.36mm) 450mm tila 12 Slump cone with tarn; in gird 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 500 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	3	Electronic Weigh Balance	Range 50kg		1 year
(least count 1 gm) 6 Rapid moisture meter 7 Hot air oven 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves – (40mm to 2.36mm) 450mm that 12 Slump cone with tan ping rod 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 500 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	4	Electronic Weigh Balance	Range 10kg		1 year
6 Rapid moisture meter 7 Hot air oven 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves – (40mr to 2.36mm) 450mm tila 12 Slump cone with tampina rod 13 Sand pouring cylinger 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	5	Electronic Weigh Balance	Range 03/05kg	A	1 year
6 Rapid moisture meter 7 Hot air oven 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves - (40mm to 2.36mm) 450mm tia 12 Slump cone with tam pina rod 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)			and the state of t		
7 Hot air oven 8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves – (40mm to 2.36mm) 450mm to 2.36mm dia 12 Slump cone with tamping red 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 500 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)			(gm) 🗂 🦷		
8 Digital Thermometer 9 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves – (40nm to 2.36mm) 450mm tita 12 Slump cone with tampina rod 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	6	Rapid moisture meter			1 year
9 Pocket TDS Meter 10 Sieve shake 11 GI Test Sieves – (40mm to 2.36mm) 450mm tila 12 Slump cone with tamping rod 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	7	Hot air oven			
10 Sieve shake 11 GI Test Sieves – (40mm to 2.36mm) 450mm tia 12 Slump cone with tamping rod 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)		Digital Thermometer			
11 GI Test Sieves — (40mm to 2.36mm) 450mm to 2.36mm) 450mm to 2.36mm) 450mm to 2.36mm) 450mm to 2.36mm double of 250mm double	9	Pocket TDS Meter			
2.36mm) 450mm tia 12 Slump cone with tamping roct 13 Sand pouring cylinder 14 Brass Test Sieves (10rr.m to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 Gl Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	10	Sieve shake			
12 Slump cone with tamping red 13 Sand pouring cylinder 14 Brass Test Sieves (10mm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 Gl Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	11	GI Test Sieves – (40mrp to			
13 Sand pouring cylinder 14 Brass Test Sieves (10rm to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 24 Measuring Jar glass 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)		2.36mm) 450mn (lia			
14 Brass Test Sieves (10rr.m to pan) 250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	12	Slump cone with tamping rod			
250mm dia 15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 Gl Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 24 Measuring Jar glass 500 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	13	Sand pouring cylinder			
15 Cement mortar cube vibrator 16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	14	Brass Test Sieves (10rm to pan)			
16 Concrete cube Mould 150*150*150 17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 24 Measuring Jar glass 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)		250mm dia			
17 Concrete cube mould 100*100*100 18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 24 Measuring Jar glass 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	15	Cement mortar cube vibrator			
18 Vicat apparatus with sieve pot & needle 19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 24 Measuring Jar glass 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	16				
needle Trowel GI Tray Tlakiness / Elongation gauge Pycnometer Measuring Jar glass Measuring Jar glass Water test kit (chloride / sulphate) Digital Rebound hammer UTM)	17	Concrete cube mould 100*100*100			
19 Trowel 20 GI Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	18	Vicat apparatus with sieve pot &			
20 Gl Tray 21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)		needle			
21 Flakiness / Elongation gauge 22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	19	Trowel			
22 Pycnometer 23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	20	GI Tray			
23 Measuring Jar glass 500 ml 24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	21	Flakiness / Elongation gauge			
24 Measuring Jar glass 1000 ml 25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	22	Pycnometer			
25 Water test kit (chloride / sulphate) 26 Digital Rebound hammer 27 Universal testing machine (UTM)	23	Measuring Jar glass	500 ml		
26 Digital Rebound hammer 27 Universal testing machine (UTM)	24	Measuring Jar glass	1000 ml		
27 Universal testing machine (UTM)	25	Water test kit (chloride / sulphate)			
9 ()	26	Digital Rebound hammer			
28 Ultrasonic pulse velocity equipment	27	Universal testing machine (UTM)			
	28	Ultrasonic pulse velocity equipment			

INDORE DEVELOPMENT AUTHORITY

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ANNEXURE - R

(See clause 31 of Section 3 -GCC)

Price Adjustment

Clause No.

31. Price Adjustment

The formulas for adjustment of price are as follow:

R = Value of work as defined in Clause 31.2(3) of General Conditions of Contract

Weightages* of component in the work

S.No	Component	Percentage of component
3.110	4 II	in the work
1	Labour – P _L	English of the state of the sta
2	Cement - P _c	
3	Stee P	
4	POL - P _f	
3	Other Material – P _M	

^{*} Weightages of various components of the work shall be as determined by the competent technical sanction authority.

- 31.1 Contract price shall be adjusted for increase or decrease in rates and price of labour, material, fuels, and lubricants in accordance with following principles and procedures and as per formula given in the contract data.
 - (a) The price adjustment shall apply for the work done from the start date given in the contract data upto the end of the initial intended completion date or extensions granted by the Engineer and shall not apply to the work carried out beyond the stipulated time for reasons attributable to the contractor.
 - (b) The price adjustment shall be determined during each month from the formula given in the contract data.
 - (c) Following expression and meaning are assigned to the work done during each month:

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R = Total value of work during the month. It would include the amount of secured advance granted, if any, during the month, less the amount of secured advance recovered, if any during the month. It will exclude value of worked executed under variations for which no price adjustment shall be payable.

The formula for adjustment of prices are:

R = Value of work as defined in Clause 31.1 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.

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

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

 L_0 = The consumer price index for industrial workers for the state on 28 days preceding the date of opening of Technically Bids as published by Labour Bureau, ministry of Labour, Government of India.

 $L_{\rm i}$ = The consumer price index for industrial workers for the state for the month under consideration as published by Labour Bureau, Ministry of Labour component of the work.

P_L = Percentage of Labour component of the work.

Adjustment for OPC Grey cement component

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

$$V_C = 0.85 \times P_C / 100 \times R \times (C_i - C_0) / C_0$$

 V_c = increase or decrease in the cost of work during the month under Consideration due to changes in rates for cement.

C₀= The all India wholesale price index for OPC grey cement on 28 days preceding the date of opening of Technical Bids, as *published by the Economic Advisor*, *DIPP*, *Ministry of Commerce & Industry Government of India New Delhi*.

 C_i = The all India average wholesale price index for OPC grey cement for the month under consideration as *published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India New Delhi.*

P_c= Percentage of cement component of the work

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Adjustment of 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:

$$V_s = 0.85 \times P_S \times /100 \times R \times (S_1 - S_0) / S_0$$

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

 S_0 = The all India wholesale price index for mild steel Long products in 28 days preceding the date of opening of Technical Bids as published by the *Economic Advisor*, *DIPP*, *Ministry of Commerce & Industry Government of India New Delhi*.

 S_i = The all India average wholesale price index for mild steel Long products for the month under consideration as piiiiiiiiii by the Economic Advisor, DIPP, Ministry of Commerce & Industry Gavernment of India New Delhi.

P_s= Percentage of steel component of the work.

Note : For the application of this clause, index of mild steel Long products has been chosen to represent steel group.

Adjustment of POL (fuel and lubricant) component

(iv) Price adjustment for increase or decrease in cost of POL (fuel and lubricant) shall be paid in accordance with the following formula:

$$V_{f} = 0.85 \times P_f / 100 \times R \times (F_i - F_o) / F_o$$

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

 F_0 = The official retail ρ icc of righ Speed Diesel (HSD) at the existing consumer pumps of IOC at nearest to the work site on the day 28 days prior to the date of opening of technical bias.

F_i = The official retail price of HSD at the existing consumer pumps of IOC nearest to work site for the 15th day of month under consideration.

Pf = Percentage of fuel and lubricants component of the work.

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Note: For the application of this clause, the price of high speed diesel oil has been chosen to represent fuel and lubricants group.

Adjustment of other material component.

(v) Price adjustment for increase or decrease in cost of local materials other than cement steel, Bitumen and POL procured by the contractor shall be paid in accordance with the following formula:

 $V_m = 0.85 \times P_m / 100 \times R \times (M_i - M_o) / M_o$

 V_m = Increase or decrease in the cost of work during the month under consideration due to changes in rates for local materials other than cement, steel, Bitumen and POL.

 M_o = The all India wholesale price index (all commodities) on 28 days preceding the date of opening of Technical Bids as published by the *Economic Advisor*, *DIPP*, *Ministry of Commerce & Industry Covers ment of India New Delhi*.

 M_i = The all India whole sale price index (all commodities) for the month under consideration as published by the *Economic Advisor*, *DIPP*, *Ministry of Commerce & Industry Government of India New Delhi*.

 P_m = Percentage of local material component (other than cement, steel, Bitumen and POL) of the work. plant and machinery spares component of the work.

Note: Increase or decrease in price variation of materials and labour rates will be paid upto maximum limit 8% (Eight percent) of the amount of work executed.

Note: For the application of this clause, the price of HIGHER SECONDARY Speed Diesel has been chosen to represent fuel and lubricants group.

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Annexure - S

(See clause 32 of Section 3 -GCC)

Bank Guarantee Form for Mobilization and Construction Machinery Advance

То	
[name of Employer][address of Employer][name of Contractor]	
In accordance with the provisions of the General Cond ("Mobilization and Construction Machinery Advance") Contract [name and address of Cond "the Contractor") shall deposit with [name and faithful performance the Contract in an amount of [in words].	of the above-mentioned tractor] (hereinafter called the of Employer] a bank under the said Clause of [an ount of Guarantee]*
We, the[bank of financial institute Contractor, agree unconditionally and irrevocably to guarante not as surety merely, the payment to[first demand without whatsoever right of obligation on our claim to the Contractor, in the amount not exceeding guarantee]*[in words].	e as primary obligator and name of Employer] on his part and without his first
We further agree that no change or addition to or other of the Contractor or Works to be performed thereunder of documents which may be made between and the Contractor, shall in any way release us from any liab and we hereby waive notice of any such change, addition or in	or of any of the Contract[name of Employer] pility under this guarantee,
This guarantee shall remain valid and in full effect from payment under the Contract until [nature full repayment of the same amount from the Contractor.	
Y	ours truely,
Signature and Seal:	
Name of Bank/Financial Institut	tion:
Address:	
Date :	

^{*} An amount shall be inserted by the Bank or Financial Institution representing the amount of the Advance Payment, and denominated in Indian Rupees.

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Annexure – T

(See clause 33 of Section 3 -GCC)

Bank Guarantee Form for Secured Advance

INDENTURE FOR SECURED ADVANCES

This indenture made the day of	f 20 BETWEEN
(hereinafter called the contra the context so admits or implies be de administrators and assigns) or the one part a	eemed to include his executors,
Whereas by an agreement dated the said agreement) the contractor has agree	
AND WHEREAS the contractor has a be allowed advanced on the security of ma and brought by him to the site of the works thuse in the construction of such of the works at rates fixed for the finished work (inclusive and other charges)	aterials absolutely belonging to him The subject of the said agreement for Less the has undertaken to executive
AND WHEREAS the Employer has a	greed to advance to the Contractor
the sum of Rupees	on the security of materials
the quantities and other particulars of which a	are detailed in Accounts of Secured
Advance attached to the Running Account E	Bill for the said works signed by the
Contractor on and the Employer	has reserved to himself the option
of making any further advance or advances	s on the security of other materials
brought by the Contractor to the site of the sa	aid works.
Now THIS INDENTURE WITNESSE	•
agreement and in consideration of the sur	m of Rupees on or
before the execution of these presents paid	to the Contractor by the Employer
(the receipt where of the Contractor doth I	hereby acknowledge) and of such
further advances (if any) as may be made t	to him as a for said the Contractor
doth hereby covenant and agree with the Pre	esident and declare as follows:
That the said sum of Rupees Employer to the Contractor as aforesaid ar	so advanced by the nd all or any further sum of sums

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advanced as aforesaid shall be employed by the Contractor in or towards expending the execution of the said works and for no other purpose whatsoever.

- (1) That the materials details in the said Account of Secured Advances which have been offered to and accepted by the Employer as security are absolutely the Contractor's own propriety and free from encumbrances of any kind and the contractor will not make any application for or receive a further advance on the security of materials which are not absolutely his own property and free from encumbrances of any kind and the Contractor indemnified the Employer against all claims to any materials in respect of which an advance has be made to him as aforesaid.
- (2) That the materials detailed in the said account of Secured Advances and all other materials on the security of which any further advance or advances may hereafter be made as a foresaid (hereafter called the said materials) shall be used by the Confractor solely in the execution of the said works in accordance with the directions of the Engineer.
- (3) That the Contractor shall make at his own cost all necessary and adequate arrangements for the proper watch, safe custody and protection against all risks of the said materials and that until used in construction as aforesaid the said materials shall remain at the site of the said works in the Contractor's custody and on his own responsibility and shall at all times be open to inspection by the Engineer or any officer authorized by him. In the event of the said materials or any part thereof being stolen, destroyed or damaged or becoming deteriorated in a greater degree than is due to reasonable use and wear thereof the Contractor will forthwith replace the same with other materials of like quality or repair and make good the same required by the Engineer.
- (4) That the said materials shall not be removed from the site of the said works except with the written permission of the Engineer or an officer authorized by him on that behalf.
- (6) That the advances shall be repayable in full when or before the Contract receives payment from the Employer of the price payable to him for the said works under the terms and provisions of the said agreement. Provided that if any intermediate payments are made to the Contractor on account of work done than on the occasion of each such payment the Employer will be at liberty to make a recovery from the Contractor's bill for such payment by deducting there from the value of the said materials

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than actually used in the construction and in respect of which recovery has not been made previously, the value for this purpose being determined in respect of each description of materials at the rates at which the amounts of the advances made under these presents were calculated.

- That if the Contractor shall at any time make any default in the performance or observance in any respect of any of the terms and provisions of the said agreement or of these presents the total amount of the advance or advances that may still be owing of the Employer shall immediately on the happening of such default be re-payable by the Contractor to be the Employer together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Employer in or for the recovery thereof or the enforcement of this sacurity or otherwise by reason of the default of the Contractor and the Contractor hereby covenants and agrees with the Employer to reply and pay the same respectively to him accordingly.
- (8)That the Contractor hereby charges all the said materials with the the **Employer** of the said repayment Rupees and any further sum of sums advanced as aforesaid and all costs, charges, damages and expenses payable under these presents PROVIDED ALWAYS and it is hereby agreed and declared that notwithstanding anything in the said agreement and without prejudice to the power contained therein if and whenever the covenant for payment and repayment here-in-before contained shall become enforceable and the money owing shall not be paid in accordance there with the Employer may at any time thereafter adopt all or any of the following courses as he may deem best:
 - (a) Seize and utilise the said materials or any part thereof in the completion of the said works on behalf of the contractor in accordance with the provision in that behalf contained in the said agreement debiting the contractor with the actual cost of effecting such completion and the amount due to the contractor with the value of work done as if he had carried it out in accordance with the said agreement and at the rates thereby provided. If the balance is

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against the contractor, he is to pay same to the Employer on demand.

- (b) Remove and sell by public auction the seized materials or any part thereof and out of the moneys arising from the sale retain all the sums aforesaid repayable or payable to the Employer under these presents and pay over the surplus (if any) to the Contractor.
- (C) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.
- (9) That except in the event of such default on the part of the contractor as aforesaid interest on the said advance shall not be payable.
- (10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been here-inbefore expressly provided for the same shall be referred to the Employer whose decision shall be final and the provision of the Indian Arbitration Act for the time being in force shall apply to any such reference.

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Annexure – U

(See clause 35 of Section 3 -GCC)

Physical Completion Certificate

Name of Work: Maintenance of Scheme No. 151 Super Corridor Ir	of Plant and Shrubs and Gape Filling in ndore
Agreement No	Date
Amount of Contract Rs	
Name of Agency :	
Used MB No	
(date) and taken o	ioned work was physically completed or ver on (date) and that I have by that the work has been done properly.
Date of issue	
	EXECUTIVE ENGINEER INDORE DEVELOPMENT AUTHORITY

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Annexure – V (See clause 35 of Section 3 -GCC)

Final Completion Certificate

Name of Work: Maintenance of Plant and Shrubs and Gape Filling in Scheme No. 151 Super Corridor Indore
Agreement no Date
Name of Agency :
Used MB No
Last measurement recorded
a. Page No. & MB No
b. Date
Certified that the above mentioned work was physically completed on
Incumbency of officers for the work
I have satisfied myself to best of my ability that the work has been done properly.
Date of issue
EXECUTIVE ENGINEER INDORE DEVELOPMENT AUTHORITY

INDORE DEVELOPMENT AUTHORITY

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Annexure – W (See clause 39 of Section 3 -GCC)

Salient Features of Some Major Labour Laws Applicable

- a) Workmen Compensation Act 1923:- The Act provides for compensation in case of injury by accident arising out of and during the course of employment.
- b) Payment of Gratuity Act 1972:- Gratuity is payable to an employee under the Act on satisfaction of certain conditions on separation if an employee has completed the prescribed minimum years (say, five years) of service or more or on death the rate of prescribed minimum days'(say, 15 days) wages for every completed year of service. The Act is applicable to all establishments employing the prescribed minimum number (say, 10) or more employees.
- c) Employees P.F. and Miscellaneous Provision Act 1952:- The Act Provides for monthly contributions by the Employer plus workers at the rate prescribed (say, 10% or 8.33%). The benefits payable under the Act are:
 - i. Pension or family pension on retirement or death as the case may be.
 - ii. Deposit linked insurance on the death in harness of the worker.
 - iii. Payment of P.F. accumulation on retirement/death etc.
- d) **Maternity Benefit Act 1951:** The Act provides for leave and some other benefits to women employees in case of confinement or miscarriage etc.
- e) Contract Labour (Regulation & Abolition) Act 1970:- The Act provides for certain welfare measures to be provided by the Contractor to contract labour and in case the Contractor fails to provide, the same are required to be provided, by the Principal Employer by Law. The principal Employer is required to take Certificate of Registration and the Contractor is required to take license from the designated Officer. The Act is applicable to the establishments or Contractor of Principal Employer if they employ prescribed minimum (say 20) or more contract labour.
- f) **Minimum Wages Act 1948:** The Employer is to pay not less than the Minimum Wages fixed by appropriate Government as per provisions of the Act if the employment is a scheduled employment. Construction of buildings, roads, runways is scheduled employment.
- g) **Payment of Wages Act 1936:** It lays down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.

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- h) **Equal Remuneration Act 1979:** The Act provides for payment of equal wages for work of equal nature to male and female workers and for not making discrimination against female employees in the matters of transfers, training and promotions etc.
- i) Payment of Bonus Act 1965:- The Act is applicable to all establishments employing prescribed minimum (say, 20) or more workmen. The Act provides for payments of annual bonus within the prescribed range of percentage of wages to employees drawing up to the prescribed amount of wages, calculated in the prescribed manner. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. States may have different number of employment size.
- j) **Industrial Disputes Act 1947:** The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.
- k) Industrial Employment (Standing Orders) Act 1946: It is applicable to all establishments employing prescribed minimum (say, 100, or 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and gets these certified by the designated Authority.
- Trade Unions Act 1926:- The Act lays down the procedure for registration of trade unions of workmen and Employers. The Trade Unions registered under the Act have been given certain immunities from civil and criminal liabilities.
- m) Child Labour (Prohibition & Regulation) Act 1986:- The Act prohibits employment of children below 14 years of age in certain occupations and processes and provides for regulations of employment of children in all other occupations and processes. Employment of child labour is prohibited in building and construction industry.
- n) Inter-State Migrant Workmen's (Regulation of Employment & Conditions of Service) Act 1979:- The Act is applicable to an establishment which employs prescribed minimum (say, five) or more inter-state migrant workmen through an intermediary (who has recruited workmen in one state for employment in the establishment situated in another state). The Inter-State migrant workmen, in an establishment to

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which this Act becomes applicable, are required to be provided certain facilities such as Housing, Medical-Aid, Travelling expenses from home up to the establishment and back etc.

- o) The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996: All the establishments who carry on any building or other construction work and employs the prescribed minimum (say, 10) or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be modified by the Government. The Employer of the establishment is required to provide safety measures at the building or construction work and other welfare measures, such as canteens, first-aid facilities, ambulance, housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.
- p) Factories Act 1948:- The Act lays down the procedure for approval of plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing the prescribed minimum (say, 10) persons or more with aid of power or another prescribed minimum (say, 20) or more persons without the aid of power engaged in manufacturing process.

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Annexure – X

CALCULATION OF BID CAPACITY

Bid Capacity = (1.5 A X B) - C

Where -

- A = Maximum value of civil engineering works executed in any one year during the last five year (10% weightage per year shall be given to bring the value of work executed at present price level)
- B = Proposed contract period in years.
- C = Amount of work in hand at present as per Table-2 of Format I-1 (to be enclosed)

Calculation of Bid Capacity as per formula above is submitted by bidder

as bel	ow :-				
Α	=				
В	=				
С	=				
Bid C	apacity	/ =	(1.5	AXB)	– C
Bid C	apacity	<i>!</i> =			

Signature of Bidder

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SECTION - 3

Conditions of Contract Part – II Special Conditions of Contract [SCC]

As per attached Special conditions

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SECTION 4 BILL OF QUANTITIES (BOQ)

As per Bill of Quantities (BOQ) attached

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SECTION 5 AGREEMENT FORM

	AGREEMENT FORM
	This agreement no is made herewith this day 2018 between Indore Development Authority, Indore and M/s
	e of contractor) (Address of contractor) for construction of(name of work) as per terms and conditions annexed hereto for the execution
	ompletion of such Works and the remedying of any defects therein, at a cost of
NOW	THIS AGREEMENT WITNESSED 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 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 ready and construed as part of this Agreement viz. i. Letter of Acceptance ii. Contractor's Bid iii. Condition of Contract: General and Special
	 iv. Contract Data v. Bid Data vi. Drawings vii. Bill of Quantities and viii. Any other documents listed in the Contract Data as forming part of the Contract.
execu	In witnessed whereof, the parties there to have caused this agreement to be ted the day and year first before written.
Bindin	g Signature of Employer
Bindin	g Signature of Contractor