JABALPUR SMART CITY LIMITED (JSCL), JABALPUR, MADHYA PRADESH

TENDER DOCUMENT

For Percentage Rate only in work Departments and other Departments similar to Works Departments

Office of the		:-	JABALPUR SMART CITY LIMITED
NIT Number		:-	JSCL/2019/607/ADM/63
Date of NIT		:-	10/08/2019
Agreement Nu	ımber and Date	:-	
Name of Work		:-	Smart Road at Bargi hills, Jabalpur
Name of the Contractor		:-	
Probable	In Words	:-	17.75 Crore
Amount of Contract	In figure	:-	Seventeen crore seventy five lakh
Amount of	In Words	:-	
Contract	In figure	:-	
Stipulated Period of Completion		:-	12Months (including Rainy Season)

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Smart Road at Bargi hills, Jabalpur

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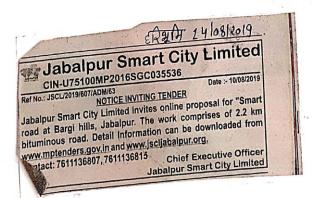
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SECTION 1

Notice Inviting e-Tenders Jabalpur Smart City Limited

N.I.T.NO. JSCL/2019/607/ADM/63

Dated 10/08/2019

Online percentage rate bids for the following works are invited from registered contractors and firms of repute fulfilling registration criteria:

S.No.	Work	District(s)	Probable Amount	Completion Period
			(Rs. In lacs)	(months)
1	Smart Road at Bargi hills, Jabalpur	Jabalpur	1775.49	12 Months

- 1. Interested bidders can view the NIT on website www.mptenders.gov.in
- 2. The Bid Document can be purchased only online from 26/08/2019 to 26/09/2019.
- 3. Pre-Bid Meeting is scheduled on 3:00 PM 06/09/2019 at JSCL office Manas Bhawan, Jabalpur.
- 4. Amendments to NIT, if any, would be publish on website only, and not in Newspaper.

Chief Executive Officer
Jabalpur Smart City Limited

Notice Inviting Tenders Jabalpur Smart City Limited

Office of the Executive Director, Jabalpur Smart City Limited

N.I.T.NO. JSCL/2019/607/ADM/63

Dated 10/08/2019

Online percentage rate bids for the following works are invited from registered contractors and firms of repute fulfilling registration criteria:

S.no.	Name of Work	District	Probable Amount of Contract (Rs. In lacs	Earnest Money Deposit (EMD) (in Rupees)	Cost of Bid Document (in Rupees)	Period of completion (in Months)
1	Smart Road at Bargi hills, Jabalpur	Jabalpur	1775.49	9,00,000.00	30,000.00/-	12Months

- 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:
- 4. Pay the cost of bid document.
- 5. Deposit the Earnest Money
- 6. Submit a check list and
- 7. Submit an affidavit.
- 8. Further, Details can be seen in the Bid Data Sheet.
- 9. Eligibility for bidders:
- 10. 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 eligible for registration can also submit their bids after having applied for registration with appropriate authority. The bidder would be required to have valid registration at the time of signing of the Contract.
- 11. Failure to sign the contract by the selected bidder, for whatsoever reason, shall result in forfeiture of the earnest money deposit.
- 12. **Pre-qualification** Prequalification conditions, wherever applicable, are given in the Bid Data Sheet.
- 13. *Special Eligibility* Special Eligibility Conditions, if any, are given in the Bid data sheet.
- 14. The Bid Document can be purchased only online from 26/08/2019 to 26/09/2019.
- 15. Pre-Bid Meeting is scheduled on 3:00 PM 06/09/2019 at JSCL office Manas Bhawan, Jabalpur.

- 16. Other key dates may be seen in bid data sheet.
- 17. SOR applied is UADD Schedule of Rates 2012 Volume I, II, III& IV, MPPWD SOR, CPWD SOR, MPKVVV SOR, Market Rates and amendments upto the date till submission of tender.
- 18. Amendments to NIT, if any, would be publish on website only, and not in newspaper.

Chief Executive Officer

Jabalpur Smart City Limited

SECTION 2

INSTRUCTIONS TO BIDDERS (ITB)

A.GENERAL

PROJECT OBJECTIVE AND KEY COMPONENTS

Transforming roads as conceptualized by the Smart City Mission and by JSCL, to create 21st century public realm infrastructure for all strata of the society. This entails comprehensive upgrading of the public Right of Way (ROW) of the streets which includes (but is not limited to) – refurbishment of existing carriageway, lying of new footpaths and cycle tracks, shifting, external development works for landscape, street furniture, lighting etc.

Roads include Four Broad Objectives, namely:

- ROAD DIET & SAFE STREETS: Also known as lane-width reduction or road re-channelization
 is a technique in transportation planning whereby the effective width of the carriageway is
 reduced in order to achieve systemic improvements. Roads with clearly demarcated spaces
 for vehicles, pedestrians, cyclists and dedicated on-street parking to minimize conflicts
 between vehicular and pedestrian traffic. Safe streets with shaded walkways promoting
 walking as a daily activity encouraging healthy lifestyles.
- RESILIENT STREETS: Streets that provide infrastructure allowing safe walking experience in night through pedestrian lighting and clean public space through dustbins at regular intervals.
- **INCLUSIVE STREETS:** Streets that allow and provide multiple mobility options to its citizens including walking, cycling, driving private vehicles and commuting through public transport. Universal accessible design that allow safe walking experience to all citizens especially elderly and people with special needs.
- STREETS AS PUBLIC SPACES: Streets that provide spaces outside our homes for social, cultural or intellectual interactions, to walk or to just breathe fresh air. Streets that reduces congestion through replacement of encroachments on streets to its designated areas and achieving low carbon emission.

Necessity: - The location of proposed Bitumen road is starting from **M.P.E.B SUB STATION RAMPUR TO MEDICAL TILWARA ROAD VIA IT TECHNO PARK** is **2.1km**.

Proposed construction of approach road to IT Park from main city is necessary looking to the future expansion of IT Park, Bargi hill & allied users. The 4-lane bitumen road along with both side footpath and cover drain with divider and streetlight work with required plantation etc.

The first stage estimate of **Rs 1775.49 lacs** is prepared based on UADD SOR & P.W.D for Road and Bridge work w.e.f. 29.08.2017 including amendment.

Provision: Following provision are made in the estimate.

- (A) Length of Road: 2100 Mts.
- (B) Width of carriageway: 9.00 Mts. both sides.
- (C) 2.5m Footpath & 0.9m x 0.9m Drain both side of the road.

- (D) **1.0m** wide Divider with streetlight & plantation.
- (E) Total width of road including amenities = 24.00 Mts.(78'9")

Specification: M.O.R.T.H and I.R.C specification will be followed.

1. SCOPE OF BID

The roads are to be constructed as per the street design attached in this document following the street design guidelines such as IRC, UTTIPEC street design guidelines, etc. issued by MoUD Gol. The attached road design considers the following levels of transport (i) Pedestrian / Cycle track (iii) Public transport users and lastly the motorized vehicles. It should include the necessary infrastructures/amenities like landscaping, storm water drainage, etc. The scope of project is to reconstruct the existing road as per the latest guidelines, rules, and regulations. The roads construction should include construction of junction, pedestrian track, as per the design. The construction of roads must have been considered for complete modification/up gradation of the roads. The existing pedestrian track has to be upgraded to world class standard meeting all the IS/IRC standards.

Note-

Details and drawings given in document are for information purpose only and successful bidder shall undertake confirmatory surveys for accuracy and completeness of data. It is in scope of successful Bidder to undertake all Site surveys, Geotechnical investigations/Engineering Surveys, hydrological investigations Underground Utility Surveying of the roads for shifting and creating new, obtaining all required approvals from the relevant authorities.

- Preparation and Submission of Complete Bill of Materials (BoM) along with detailed technical specifications, manufacturer's details and delivery schedule at the sites. Shall also provide the codification for all the items delivered.
- Preparation and submission of the details of the manpower deployment for the project.
- Dispatch of materials as per the implementation accepted timelines / implementation schedule and phasing of the project by the employer.
- Preparation and submission of periodical progress report for all the stages.
- Employer will provide all the available information pertaining to these roads to the successful bidder. However, contractor has to validate the information provided by carrying of field/site surveys/other relevant surveys as deemed necessary independently. The contractor shall conduct site survey and investigation of the roads where design has to be implemented and prepare survey report highlighting the site feasibility, GFC drawings, and site-specific requirements / dependencies for successful implementation.
- Contractor has to prepare the documentation for showcasing the daily and weekly progress and the quantification of work done, its mandatory to submit the progress report with Photos and Video every month and also before and after present conditions. At the end of the project a movie with 15 minutes, showcasing the project at different stages shall be submitted by the contractor.

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 high 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

- 1.1 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.
- 1.2 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 disqualified

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/JMC/ JSCL or the Authority

6. SITE VISIT AND EXAMINATION OF WORKS:

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 ANNEXURE
- 3. Conditions of Contract:
 - I. Part I General Conditions of contract and the Contract Data with all ANNEXURE, and
 - II. Part II Special Condition 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. INFORMATION

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 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 Documents, 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 document 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. BID PREPARATION.

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:

Part1- This shall be known as online Envelop 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 the 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 work where pre-qualification conditions and / or special eligibility conditions are stipulated in the Bid Data Sheet. Online Envelope B shall contain a self-certified sheet duly supported by documents to demonstrate fulfilment 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 and shall only be submitted online.

13. LANGUAGE:

The bid as well as all correspondence and documents relating to the bid 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 is 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, royalties, levies and taxes except Goods and Services Tax (GST). The amount of applicable GST will be paid separately to the Contractor with each bill at the time of payment. The employer shall not be liable for any duties, taxes (except GST) royalties and levies.
- 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.
- 17.2 .The EMD shall be in the form of Fixed Deposit Receipt of a scheduled Nationalised/commercial bank, issued in favors 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, 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.

D. SUBMISSION OF BID

18. BID SUBMISSION

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 *Envelope "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 *Envelope '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 *Envelope 'B' Envelope 'C'(financial bid)* of bidders who are not qualified *in Technical Bid (Envelop 'B')* shall not be opened.
- 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 Envelope 'C'
- 19.4 After opening *Envelope '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

- Prior to singing 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.
- 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:

- 23.1 The successful bidder shall have to furnish Performance Security and Additional Performance Security, if any, and sign the contract agreement within 15 days of issue of LOA
- 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 highest 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 fanatical or other benefit or to avoid an obligation:
- c. 'Coercive Practice' means impairing of harming, or threatening 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)

BID DATA SHEET

GENERAL				
SR.NO.	PARTICULARS	DATA		
1	Office inviting tender	JABALPUR SMART CITY LIMITED		
2	NIT No.	JSCL/2019/607/ADM/63		
3	Date of NIT	10/08/2019		
4	Bid document download available from date & time	26/08/2019		
5	Website link	www.mptenders.gov.in		
	SECTION 1 –	· NIT		
CLAUSE REFERENCE	PARTICULARS	DATA		
1.	Portal fees	As notified in e-tendering website		
	Cost of bid document	Rs. 30000.00/-		
	Cost of bid document payable at	As notified in e-tendering website		
	Cost of bid document in favor of	As notified in e-tendering website		
2.	Affidavit format	As per ANNEXURE B		
	Pre-Qualifications required	Yes -		
	If yes, details	As per ANNEXURE C		
3.	Special Eligibility	No		
4.	If Yes, details	As per ANNEXURE D		
5.	Key dates	As per ANNEXURE A		
	SECTION 2 –	IT B		
CLAUSE REFERENCE	PARTICULARS	DATA		
1.	Name of 'work'	Smart Road at Bargi hills, Jabalpur		
2.	Specifications	As per ANNEXURE –E		
3.	Procedure for participation in e- tendering	As per ANNEXURE –F		
4.	Whether joint venture is allowed	Yes		
4.	If yes, requirement for joint venture	As per ANNEXURE – G		
	Pre bid meeting to be held	Yes		
5.	If Yes, Date, Time & Place	Date: 06-09-2019 Time form: 15.00 hrs Place: JSCL Office Manas Bhawan Jabalpur M.P		

	BID DATA SHEET			
CLAUSE	PARTICULARS	DATA		
REFERENCE				
6.	Envelopment A containing :	At the Office of the Jabalpur Smart		
	Registration number or proof of	city Limited, Manas Bhavan		
	application for registration and			
	organizational details as per ANNEXURE H			
	Cost of Bid Document	Rs. 30000/-		
	• EMD	Rs 9,00,000.00		
	An affidavit duly notarized	as per ANNEXURE – B		
	Should reach in physical form	On or Before 30/09/2019		
7.	Envelope-B Technical Proposal	ANNEXURE – I and		
		ANNEXURE –I (Format I-1 to I-5)		
8.	Envelope-C Financial Bid	ANNEXURE – J (SHOULD BE		
		SUBMITTED ONLINE)		
9.	Materials to be issued by the department	ANNEXURE – K		
10.	Period of Validity of Bid	120 Days		
11.	Earnest Money Deposit	Rs 9,00,000.00/-		
	Forms of Earnest Money deposit	i. Online		
	EMD valid for a period of	365 Days		
	FDR must be drawn in favour of	Executive Director, JSCL		
12.	Letter of Acceptance (LoA)	ANNEXURE L		
13.	Amount of Performance Security	5% of contract amount		
	Additional Performance Security, if any	As per rule		
	Performance security in the format	ANNEXURE M		
	Performance security in favour of	Executive Director, JSCL		
	Performance security valid up to	Valid contract period plus 3		
		(Three) months		

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

KEY DATES

S.No	WORKS DEPARTMENT STAGE	BIDDERS STAGE	EXPIRY Date
1.		Purchase of Tender Bid &Submission – Online	26/09/2019
2.		Physical submission	30/09/2019
3.	Mandatory submission Open- online (Envelope-A)		27/09/2019
4.	Technical Proposal open- online (PQ Envelope-B)		27/09/2019
5.	Financial Bid open- online (Envelope-C)		03/10/2019

Original term deposit receipt of earnest money deposit, demand draft for the cost of bid document and affidavit shall be submitted by the bidder so as to reach the office as prescribed in bid data sheet, at least one calendar day before specified start time and date in key dates for opening of technical proposal as per key dates in Bid Data Sheet.

ANNEXURE - B

(See clause 3 of Section 1-NIT)

|| AFFIDAVIT || (To be contained in *Envelope A*)

(On Non-Judicial stamp of Rs. 100)

I/We		who is / are
		(status in the firm / company) and competent for
submission of the affida	vit on behalf of M/	/S (contractor) do solemnly affirm an
oath and state that:		
I/We am / are fo	ılly satisfied for the	e correctness of the certificates/ records submitted in
support of the following	information in bid	d documents which are being submitted in response to
notice inviting e-tender	No fo	or (name of work) dated
issued by the	(nai	me of the Department).
I/We am/ are fully response	nsible for the corr	rectness of following self- certified information /
documents and certifica	tes.	
 That the self – cer That : 	ified information g	given in the bid document is fully true and authentic.
·	• •	as earnest money, demand draft for cost of bid document rovided by the Bank are authentic.
	•	qualification and annual turnover is correct. chnical qualifications is correct.
3. No. close relative	of the undersigned	and our firm/company is working in the department. Or
Following close re	atives are working	in the department:
Name	Post	present Posting
Signature with sea	l of the Deponent	(bidder)
		eponent do hereby certify that the facts mentioned in
•		best of my knowledge and belief.
Verified today	(date	d) 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.

ANNEXURE—C

(Sec 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 3 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 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 in any one financial year during the last 3 financial years;
- ii. Average Annual Construction Turnover on the construction works shall not be less than 50% of the probable amount of contract during the last 3 financial years.
- iii. Executed similar items of work in any one financial year during the last 3 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 1-2 of Annexure I**. **Bid Capacity shall be equal to or higher than the bid amount.**

B. Physical

Physical qualifications for the work shall be as below

S.	Particulars	Quantity	Period
No.			
	Physical qualification required	Yes	
1	The contractor successfully completed within specified time. Minimum 2-lane and 8km or 4 lane and 4 km road with the specification as per the tender drawings. (certificate of department is required)		

Note - Similar Work Means bituminous road

ANNEXURE —D (See clause 6 of Section 1-NIT)

SPECIAL ELIGIBILITY CRITERIA

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

ANNEXURE-E

(See clause 2 of Section 2 —ITB & clause 10 of GCC)

SPECIFICATIONS For civil works following SPECIFICATIONS shall be referred;

- 1. MP UADD Specification
- 2. MP PWD Department Specifications,
- 3. IRC Specifications
- 4. UTIPEC Road Design Specifications
- 5. CPWD Specifications

CONTRACTORS MAY COAT THERATES CONSIDERING THE BELOW MANDATORY MACHINERIES.NO EXTRA RATE SHALL BE PAID IN THE BELOW ITEMS OF EMBAKEMENT, G.S.B, C.R.M, D.B.M, B.C, ETC. FOR MANDATORY MACHINERIES.

гО	OR MANDATORY MACHINERIES.				
*	NOTES:-	FOR BITUMINOUS WORK			
	(A)	IT IS MANDATORY TO USE MIXING OF BITUMINOUS MATERIAL ONLY BATCH MIX PLANT			
		OF APPROPRIATE CAPACITY OR AS SPECIIED IN ANNEXTURE FORMAT 1-5.			
	(B)	IT IS MANDATORY TO USE LAYING WITH A HYDROSTATIC PAVER FINISHER WITH SENSOR			
		CONTROL TO THE REQUIRED GRADE, LEVEL AND ALIGNMENT, ROLLING WITH SMOOTH			
		WHEELED, VIBRATORY AND TANDEM ROLLERS TO ACHIEVE THE DESIRED COMPACTION			
		AS PER CLAUSE 507 OF SPECIFICATION.			
*	NOTES:-	FOR CONSTRUCTION OF EMBANKMENT WORK			
		IT IS MANDATORY TO USE MOTOR GRADER FOR SPREADING AND LEVELLING AND			
		VIBRATORY ROLLER, PNEMATIC TYRE ROLLER ETC. AS PER CLAUSE 305.3.6,			
		COMPACTION AT O.M.C NOT MORE THAN 30CM LAYER.			
*	NOTES:-	FOR GRANULAR SUBBASE			
		IT IS MANDATORY TO USE MATERIAL C.B.R. > 30 SPREADING AND UNIFORM LAYERS			
		WITH MOTOR GRADER & COMPACTING AT O.M.C WITH VIBRATORY & STATIC ROLLER			
		TO ACHIEVE REQUIRED DENSITY AS PER CLAUSE 305.3.6.			
*	NOTES:-	FOR CRM			
		IT IS MANDATORY TO SPREADING AND MIXING WITH A MOTOR GRADER, WATERING			
		AND COMPACTING WITH A VIBRATORY ROLLER AS PER CLAUSE 410			
*	NOTES	FOR WMM			
		IT IS MANDATORY TO BRING PRE MIX MATERIAL WITH WATER AT O.M.C IN			
		MECHANICAL MIX PLANT.			
*	NOTES	FOR SYNTHETIC FLOORING:- 5 LAYERS ACRYLIC / SYNTHETIC FLOORING			
		NEED TO TAKE CARE THAT RAINWATER DOESN'T STAGNATE ON THE SURFACE.			

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 Employer shall form part of the technical specifications of this work.

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 have to be registered on the new e-procurement portal https://www.mptender.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 www.mptender.gov.in

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:

- It may take up to 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 From 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 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

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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.mpeproc.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 end 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. 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

JOINT VENTURE (J.V.)

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

- 1. Number of partners in a Joint Venture shall not exceed 3 (three). The 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;
 - 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] of above, as well as in the bid and in the Agreement tin case of a successful bid];
 - e. The joint venture agreement should indicate precisely the role of all members of IV 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 indicted in the Instructions to Bidders'.
- 6. Furnish details of participation proposed in the joint venture as below:

DETAILS OF PARTICIPATION IN THE IOINT VENTURE

PARTICIPATION DETAILS	. FIRM '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)			

- 7. The partners of J.V. should satisfy the qualification criteria as below,
 - a. The Lead Partner must meet at least 50% requirement of Technical and Financial eligibility criteria required for the bid.
 - b. The other partner(s) must meet at least 25% requirement of Technical and financial eligibility criteria required for the bid.
 - c. The lead partner and the other partners should together meet 100% of all the eligibility criteria required for the bid.
- 8. For the meeting the minimum qualification criteria of experience of similar nature work. Every partner can have experience of different works as defined in similar nature works and together should have the experience of all type of works described in similar nature works.

ORGANIZATIONAL DETAILS (To be contained in Envelope- A)

S.No.	Particulars	Details
1	Registration number issued by Centralized Registration System of Govt. of M.P. or Proof of application for registration.	'(If applicable, scanned copy of proof of application for registration to be uploaded)
2	Valid Registration of bidder in appropriate class through Centralized Registration of Govt. of MP	Registration NoDate (Scanned copy of Registration to be uploaded)
3	Name of Organization/ Individual/ Proprietary Firm/Partnership Firm	
4	Entity of Organization Individual/ Proprietary Firm/ Partnership Firm (Registered under Partnership Act)/Limited Company (Registered under the Companies Act— 1956)/ Corporation / Joint Venture	
5	Address of Communication	
6	Telephone Number with STD Code	
7	Fax Number with STD Code	
8	Mobile Number	
9	E-mail Address for all communications	
	Details of Authorized Representative	
10	Name	
11	Designation	
12	Postal Address	

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13	Telephone Number with STD Code	
14	Fax Number with STD Code	
15	Mobile Number	
16	E-mail 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 certificat
of the company shall have to be enclosed.

Signature of Bidder with Sea
Dato:

Envelope — B, Technical Proposal Technical Proposal shall comprise the following documents:

S. No.	Particulars	Details to be submitted
1	Experience — Financial & 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 equipment/ machines for quality	ANNEXURE - I (Format: I-4)
	control labs	
5	List of Key equipment/ machines for	ANNEXURE - I (Format: I-5)
	construction work	

Note:

- 1. Technical Proposal should be uploaded duly page numbered and indexed.
- 2. Technical Proposal uploaded otherwise will not be considered.

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
- b) **two similar works** each costing not less than the amount **equal to 30% of 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 in any one financial year during the last 3 financial years;

To be filled in by the contractor:

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

Agreement Number & Year	Name of Work			Amount of Contract	Employer's Name and Address	
			·			

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

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

B. Physical Requirement:

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.No.	Particulars	Actual Quantity Executed (To be filled in by the contractor)					
		Year - 1 Year - 2 Year - 3					
	Physical qualification required	Yes					
1							
2							
3							

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. Similar works: 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.

ANNUAL TURN OVER

Requirement:

Average annual construction turnover on the construction works shall not be less than 50% of the probable amount of contract during the last 3 financial years;

To be filled in by the contractor:

Financial Year	Payments received for contracts in progress or completed						

Note:

- *i* Annual turnover from 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.

Bid Capacity

Applicants who meet the minimum qualifying criteria in the evaluation as stated above are to be evaluated further for bid capacity as under:

Bid Capacity = (1.5A 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 = Value at current price level of existing commitments and ongoing works to be completed in the next 'B' years.

ANNEXURE - I (Format: I-3)

(See clause 14 of Section 2-ITB & Clause 6 of GCC)

List of Technical Personnel for the Key Positions ¹(to be referred for civil works)

S. No	Key Positions	Qualific ations	Age	Simil ar Work Exper ience	Total Work Experienc e	Name of Person nel	Key Positi on	Qualificatio n	Similar Work Experienc e	Total Work Experienc e
1.	Site Engineer – 1 Nos	B.E. Civil	below 65 years	5 years						
2	Quality Assurance Engineer- – 1 No	B.E. Civil with experi ence in QA/QC	below 65 years	5 years						
3	Quantity Surveyor – 1 Nos	B.E. Civil / Diplom a Civil	below 65 years	5 years						
Tot al										

Note:

- 1. Aforesaid personnel shall be deployed within the period starting from the date of award of contract as stipulated in the contract.
- 2. Approval of the superintending engineer about suitability of personnel shall be obtained before deployment.

List of Key Equipment's / Machines for Quality Control Labs

	Mi	nimum requ	irement			
S.No.	Name of Equipment/ Machinery	Name of Equipment/ Machinery Quantity for works costing				Remarks
		UptoRs 5	From Rs	Above Rs	Available	
		Cr	5 Cr to	20 Cr	with the	
			20 Cr		Bidder	
A)	GENERAL					
1)	Weigh Balances					
	a) 5-20 kg capacity Electronic type –	Nil	Nil	1 No.		
	Accuracy 1 gm					
	b) 500 gm capacity-Electronic Type	1 No.	1 No.	1 No.		
	Accuracy 0.01 gm					
	c) Electronic 5 kg capacity Accuracy	1 No.	1 No.	1 No.		
	0.5 gm					
	e) Chemical Balance 100 gm capacity-	Nil	Nil	1 No		
	accuracy 0.001 gm					
2)	Oven-electrically operated,	1 No	1 No	1 No		
	thermostatically controlled (including					
	thermometer), stainless steel interior					
	(From 0°C to 220°C Sensitivity 1°C)					
3)	Sieves : as per IS:460-1962					
	a) I.S. sieves 450 mm internal dia of	1 set	1set	3 set		
	sieve sets as per BIS of required sieve					
	sizes complete with lid and pan	_		_		
	b) IS sieve 200 mm internal dia (brass	2 sets	2 sets	3 sets		
	frame and steel/or brass wire cloth					
	mesh) consisting of sieve sets of					
	required sieve sizes complete with lid		4.11			
4)	Sieve shaker capable of sacking 200	Nil	1 No	3 No		
	mm and 450 mm dia sieves-					
	electrically operated with time switch (for work costing more than 15 crore					
	only)					
5)	200 tonnes compression testing	1 No	1 No	2 No		
3)	machine	1100	1110	2 140		
6)	Stop watches 1/5 sec. accuracy	1 No	1 No	3 No		
7)	Glassware comprising beakers,	2 No.	2 No.	2 No.		
•,	pipettes, dishes, measuring cylinders	each	each	each		
	(100 to 1000 cc capacity) glass roads					
	and funnels, glass thermometers					
	range 0°C to 100°C and metallic					
	thermometers range up to 300°C.					
8)	Hot plates 200 mm dia (1500 watt.)		1 No	2 No		
9)	Enamel trays					
	a) 600 mm x 450 mm x 50 mm	1 Nos	1 Nos	2 Nos		

	b) 450 mm x 300 mm x 40 mm	1 Nos	1 Nos	2 Nos		
	c) 300 mm x 250 mm x 40 mm	1 Nos	1 Nos	2 Nos		
	d) Circular plates of 250 mm dia	1 Nos	1 Nos	2 Nos		
10)	•					
10)	Water Testing Kit	Nil	Nil	1 No		
B)	FOR SOILS		4.1			
1)	Water Tank	1 No	1 No	3 No		
2)	Liquid limit device with ASTM	Nil	1 No	1 No		
	grooving tools as per IS:2720					
3)	Sampling pipettes fitted with	Nil	1 set	1 set		
	pressure and suction inlets, 10 ml.					
	Capacity					
4)	Compaction apparatus (Proctor) as	Nil	1 No	1 No		
	per IS:2720 (Part 7) complete with					
	collar, base plate and hammer and all					
	other accessories					
5)	Modified AASHTO Compaction	Nil	1 No	1 No		
	apparatus as per IS:2720 (Part 8) 1974					
	or Heavy Compaction					
	Apparatus as per IS complete with					
	collar, base plate hammer and all					
	other accessories(for work costing					
	more than 15 crore only)					
6)	Sand pouring cylinder with conical	1 Nos	2 Nos	2 Nos		
	funnel and tap and complete as per					
	IS:2720 (Part 28) 1974 including					
	modern equipment.					
7)	Ennore Standard Sand	As	As	As		
		required	required	required		
8)	Sampling tins with lids 100 mm dia x	Nil	Nil	4 Nos		
	75 mm ht. ½kg capacity and					
	miscellaneous items like moisture tins					
	with lid 50 grams etc.					
9)	Lab CBR testing equipment for	Nil	1 Set	1 Set		
	conducting CBR testing, load frame					
	with 5 Tonne capacity, electrically					
	operated with speed control as per					
	IS:2720 (Part 16) and consisting of					
	following: (for work costing more					
	than 15 crore only)					
	a) CBR moulds 150 mm dia – 175 ht.	Nil	6 No	6 No		
	b) Tripod stands for holding dial	Nil	4 Nos	4 Nos		
	gauge holder					
	c) CBR plunger with settlement dial	Nil	1 No	1 No		
	gauge holder					
	d) Surcharge weight 147 mm dia 2.5	Nil	6 Nos	6 Nos		
	kg wt.			2 :		
	e) Spacers disc 148 mm dia 47.7 mm	Nil	2 Nos	2 Nos		
	ht. With handle		2.103	2.403		
	iit. with halfule	1				

g) Soaking tank for accommodating 6 CBR moulds h) Proving rings of 1000 kg, 2500 kg l) i) Dial gauges 25 mm travel-0.01 mm/division l) Standard penetration test equipment l) Nuclear moisture Density meter or equivalent(for work costing more than 15 crore only) l) Speedy moisture meter complete li No li No li No with chemicals l) Unconfined Compression Test Apparatus (for work costing more than 15 crore only) C) FOR BITUMEN AND BITUMINOUS MIXES l) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 2) Penetrometer automatic type, including adjustable weight arrangement and needles as per IS:1203-1958 3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 Itrs.) (for work costing more than 15 crore only) 5) Marshall compacted as per ASTM 15:90-62 T complete with accessories		f) Doutousted plate (Dusse)	NI:I	2 Nos	2 Nos	
CBR moulds h) Proving rings of 1000 kg, 2500 kg capacity i) Dial gauges 25 mm travel-0.01 mm/division 10) Standard penetration test equipment Nii Nii 1 No 11) Nuclear moisture Density meter or equivalent(for work costing more than 15 crore only) 12) Speedy moisture meter complete with chemicals 13) Unconfined Compression Test Apparatus (for work costing more than 15 crore only) C) FOR BITUMEN AND BITUMINOUS MIXES 1) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 2) Penetrometer automatic type, including adjustable weight arrangement and needles as per IS:1203-1958 3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		f) Perforated plate (Brass)	Nil	2 Nos	2 Nos	
h) Proving rings of 1000 kg, 2500 kg capacity i) Dial gauges 25 mm travel-0.01 Nil 2 No each each i) Dial gauges 25 mm travel-0.01 Nil 2 No 2 No mm/division 10) Standard penetration test equipment Nil Nil 1 No 1 No equivalent(for work costing more than 15 crore only) 12) Speedy moisture meter complete with chemicals 13) Unconfined Compression Test Nil Nil 1 No Apparatus (for work costing more than 15 crore only) C) FOR BITUMEN AND BITUMINOUS MIXES 1) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 2) Penetrometer automatic type, including adjustable weight arrangement and needles as per (5:1203-1958) 3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		=-	Nil	2 Nos	2 Nos	
Capacity each each i) Dial gauges 25 mm travel-0.01 Nil 2 No 2 No mm/division Nil 1 No 10) Standard penetration test equipment Nil Nil 1 No 11) Nuclear moisture Density meter or equivalent(for work costing more than 15 crore only) 12) Speedy moisture meter complete No 1 No 3 No with chemicals Nil Nil 1 No 13) Unconfined Compression Test Nil Nil 1 No Apparatus (for work costing more than 15 crore only) C) FOR BITUMEN AND BITUMINOUS MIXES 1) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 2) Penetrometer automatic type, including adjustable weight arrangement and needles as per Is:1203-1958 3) Solvent extraction or centrifuge type 1 No 1 No 1 No apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM						
i) Dial gauges 25 mm travel-0.01		h) Proving rings of 1000 kg, 2500 kg	Nil	1 No	1 No	
mm/division 10) Standard penetration test equipment Nii Nii 1 No 11) Nuclear moisture Density meter or equivalent(for work costing more than 15 crore only) 12) Speedy moisture meter complete than 15 crore only) 13) Unconfined Compression Test Apparatus (for work costing more than 15 crore only) C) FOR BITUMEN AND BITUMINOUS MIXES 1) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 2) Penetrometer automatic type, including adjustable weight arrangement and needles as per IS:1203-1958 3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 Itrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		capacity		each	each	
10) Standard penetration test equipment 11) Nuclear moisture Density meter or equivalent(for work costing more than 15 crore only) 12) Speedy moisture meter complete with chemicals 13) Unconfined Compression Test Apparatus (for work costing more than 15 crore only) 13) Unconfined Compression Test Apparatus (for work costing more than 15 crore only) 14) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 15) Penetrometer automatic type, including adjustable weight arrangement and needles as per IS:1203-1958 16) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 17) Apparatus Complete with extraction thimbles with solvent and filter paper 18) Marshall compaction apparatus automatically operated as per ASTM		i) Dial gauges 25 mm travel-0.01	Nil	2 No	2 No	
11) Nuclear moisture Density meter or equivalent(for work costing more than 15 crore only) 12) Speedy moisture meter complete with chemicals 13) Unconfined Compression Test Apparatus (for work costing more than 15 crore only) C) FOR BITUMEN AND BITUMINOUS MIXES 1) Constant temperature bath for accommodating bitumen test specimen, electrically operated, and thermostatically controlled (to accommodate minimum six Specimens) 2) Penetrometer automatic type, including adjustable weight arrangement and needles as per IS:1203-1958 3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		mm/division				
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3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		including adjustable weight				
3) Solvent extraction or centrifuge type apparatus complete with extraction thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		arrangement and needles as per				
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thimbles with solvent and filter paper 4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM	3)	Solvent extraction or centrifuge type	1 No	1 No	1 No	
4) Bitumen laboratory mixer including required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		apparatus complete with extraction				
required accessories (20 ltrs.) (for work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM		thimbles with solvent and filter paper				
work costing more than 15 crore only) 5) Marshall compaction apparatus automatically operated as per ASTM Nil 1 set 1 set	4)	Bitumen laboratory mixer including	Nil	1 No	1 No	
5) Marshall compaction apparatus Nil 1 set 1 set automatically operated as per ASTM		required accessories (20 ltrs.) (for				
5) Marshall compaction apparatus Nil 1 set 1 set automatically operated as per ASTM		work costing more than 15 crore only)				
automatically operated as per ASTM	5)	Marshall compaction apparatus	Nil	1 set	1 set	
	•					
(with 180 N Marshall Moulds) (for						
work costing more than 15 crore only)						
6) Furol viscometer Nil 1 No 1 No	6)	• • • • • • • • • • • • • • • • • • • •	Nil	1 No	1 No	
7) Ductility meter (for work costing Nil 1 No 1 No						
more than 15 crore only)	′′			110	1110	
8) Softening point (Ring and ball app) Nil 1 No 1 No	Q١		Nil	1 No	1 No	
				T INO	I MO	
9) Distant reading thermometer Nil		_		4 21-	4 81 -	
10) Rifle box Nil -1 No -1 No						
11) Automatic Asphlat content Meter Nil - 1 No - 1 No		-		- 1 No	- 1 No	
12) Thin film over test apparatus for Nil	12)		Nil	-	-	
1 1 100 114 1 101 101 100 100 1		modified binder either with PMB or				

	CRMB(for work costing more than 15				
	crore only)				
13)	Mastic Asphalt Hardness testing	Nil	-	-	
	equipment(for work costing more				
	than 15 crore only)				
14)	Sand Equivalent test apparatus	Nil	1 set	1 set	
15)	Core cutting machine suitable for	1 set	1 set	2 set	
	upto 150 mm dia core				
16)	Thermometers (Digital)	2 Nos	4 Nos	8 Nos	
D)	FOR CEMENT, CEMENT CONCRETE				
	AND MATERIALS				
1)	Water Tank	1 No	1 No	1 No	
2)	Vicat needle apparatus for setting	1 No	1 No	1 No	
	time with plungers as per IS:269-1967				
3)	Moulds				
	a) 150 mm x 300 mm ht. Cylinder with	Nil	Nil	As	
	capping component along with the			Required	
	capping set and compound as per IS				
	b) Cube 150 mm, and 100 mm (each	6 Nos	12 Nos	24 Nos	
	size)				
4)	Concrete permeability apparatus	Nil	Nil	1 No	
5)	High frequency mortar cube vibrator	Nil	Nil	1 No	
	for cement testing				
6)	Concrete mixer power driven, 1 cu.ft.	Nil	Nil	1 No	
-,	capacity				
7)	Variable frequency and amplitude	Nil	Nil	1 No	
',	vibrating table size 1 m x 1 m as per				
	the relevant British Standard				
8)	Flakiness index test apparatus	1 No	1 No	1 No	
9)	Aggregate impact test apparatus as	Nil	Nil	1 No	
,	per IS:2386 (Part 4) 1963			1110	
10)	Los-Angeles abrasion test apparatus	Nil	Nil	1 No	
10,	as per IS:2386 (Part 4) 1963	I III	1411	1110	
11)	Flow table as per IS:712-1973	Nil	Nil	1 No	
12)	Equipment for slump test	1 No	1 No	2 No	
	Equipment for slump test Equipment for determination of				
13)		1 No	1 No	2 No	
	specific gravity or fine and coarse				
4.4	aggregate as per IS:2386 (Part 3) 1963	1 N -	1 N =	2 N =	1
14	Compression and Flexural strength	1 No	1 No	2 No	
	testing machine of 200 T capacity				
	with additional dial for flexural				
	testing	4 **	4	• • • • • • • • • • • • • • • • • • • •	
15	Core cutting machine with 10/15 cm	1 No	1 No	2 No	
	dia diamond cutting edge				
16)	Needle vibrator	1 No	1 No	2 No	1
17)	Air entrainment meter	Nil	Nil	1 No	
18)	0.5 Cft, 1 Cft cylinder for checking	Nil	1 No	2 No	
	bulk density of aggregate with				

	tamping rod				
19)	Soundness testing apparatus for	Nil	Nil	1 No	
	cement (Lee Chattlier)				
E)	FOR CONTROL OF PROFILE AND				
	SURFACE EVENNESS				
1)	Total Station	Nil	1 No	1 No	
2)	Precision automatic level with	1 set	1 set	1 set	
	micrometer attachment				
3)	Distomat or equivalent	Nil	Nil	1 Set	
4)	Theodolite – Electronically operated	Nil	Nil	1 No	
	with computerised output				
	attachment				
5)	Precision staff	2 sets	4 sets	8 sets	
6)	3 meter straight edge and measuring	1 sets	2 sets	8 sets	
	wedge				
7)	Camber template 2 Lane				
	a) Crown type cross – section	1sets	1 sets	4 sets	
	b) Straight run cross – section	1sets	1sets	4sets	
8)	Steel tape				
	a) 5 m long	2 Nos	4 Nos	8 Nos	
	b) 10 m long	2 Nos	4 Nos	8Nos	
	c) 20 m long	2 Nos	4 Nos	8Nos	
	d) 30 m long	2 Nos	4 Nos	8 Nos	
	e) 50 m long	1 No	4 No	8 No	
9)	Roughometer (Bump Integrator)	1 No.	1 No.	1 No.	
		(when	(when	(when	
		required)	required	required	
))	

Note: Intention to procure/lease the equipement should be accompanied by documents to the effect. The nature of documents could be any one of the under:

- i) Order to the manufacturer of the plant and equipment's.
- ii) Confirmation from the manufacturer.
- iii) Proof of payments in full or part.
- iv) Agreement to lease the equipment.

ANNEXURE - I (Format: I-5)

(See clause 14 of Section 2-ITB)

List of Key Equipment's/ Machines for Construction Work (Only for civil works)

					Minim	um requiremen
S. No	Name of Equipment/ Machinery	Quantity R	equired with the	Quantity Available with the	Remarks	
•		UptoRs 5 From Rs 5 Cr Above Rs		bidder		
		Cr	to 20 Cr	20 Cr	biddei	
1.	a) Batch mix plant of appropriate capacity fully computerized with four bin feeder lime/dust feeder as per IRC specification	Nil	1 No.	1 No.		
	b) Hot mix plant (40-60 TPH), fully computerized with four bin feeder lime/dust feeder as per IRC specification	Nil	Nil	1 No.		
2.	Loaders	1 No.	2 No.	3 No.		
3.	Tippers	2 Nos.	5 Nos.	10 Nos.		
4.	Tandem Road Roller 8-10 ton	1 No.	2 No.	4 No.		
5.	Vibratory Road Roller	1 Nos.	1 Nos.	2 Nos.		
6.	Bitumen Sprayers and emulsion sprayer	Nil	1Nos.	2 Nos.		
7.	Blower of suitable capacity	1 No	2 No	2 No		
8.	Sensor Paver finisher filled with vibratory screed	1No.	1 No.	2 No.		-
9.	for Concrete pavements					
	i) Concrete Mechanical Mixer	1 Cum	1 Cum	1 Cum		
	with arrangement for mixing ingredients by weight	capacity	capacity	capacity		
	ii) Plate Vibrators	4 Nos.	1 Nos.	-		
	iii) Pin Vibrators	4 Nos.	1 Nos.	-		
	iv) Concrete sensor paver	1 No	1 No	-		

Smart Road at Bargi hills, Jabalpur

10	Road Roller 12-15 tonne			-	
11	Ready Mix Concrete batching mix plant with capacity 30 cum per hour			-	
12	Hydrostatic sensor paver/concrete sensor paver finisher with dual application and electronic control for paving width of/upto 7.00 Mtrs	1 No.	1 No	-	
13	Motor grader	-	1 No	-	
14	Static roller	-	2 No	-	

Note: Intention to procure/lease the plants and machinery should be accompanied by documents to the effect. The nature of documents could be any one of the under:

- i) Order to the manufacturer of the plant and equipment's.
- *ii)* Confirmation from the manufacturer.
- iii) Proof of payments in full or part.
- iv) Agreement to lease the equipment.

ANNEXURE — J

(See clause 14 of Section 2 -ITB)

FINANCIAL BID (To Be Contained in Envelope-C)

NAME OF WORK
I/We hereby bid for the execution of the above work within the time specified at the
rate (in figures) (in words)percent below/
above or at par based on the Bill of Quantities and item wise rates given therein in all respects
and in accordance with the specifications, designs, drawings and instructions in writing in all
respects in accordance with such conditions so far as applicable. I/We have visited the site of
work and am/are fully aware of all the difficulties and conditions likely to affect carrying out
the work. I/We have fully acquainted myself/ourselves about the conditions in regard to
accessibility of site and quarries/kilns, nature and the extent of ground, working conditions
including stacking. of materials, installation of tools and plant conditions effecting
accommodation and movement of labour etc. required for the satisfactory execution of
contract. Should this hid be assented 1/Ma hereby agree to shide by and fulfil all the terms and
Should this bid be accepted, I/We hereby agree to abide by and fulfil all the terms and provisions of the said conditions of contract annexed-hereto so far as applicable, or in default
thereof to forfeit and pay to the Jabalpur Smart City Limited or his successors in office the
sums of money mentioned in the said conditions.
Note:
Only one rate of percentage above or below or at par based on the Bill of Quantities and item
wise rates .given therein shall be quoted.
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 rate. If the bidder is not ready to
accept such valid and correct rate and declines to furnish performance -security and sign the agreement his earnest money deposit shall be forfeited.
In case .the percentage "above" or "below" is not given by a bidder, his bid shall be treated as
non-responsive.
iv. All duties, royalties. levies and taxes except Goods and Services Tax (GST) are
included in the rates (in case of percentage rate bids)/lump-sum offer (in case of
lump-sum bids)quoted by the bidder.
Signature of Bidder
Name of Bidder
The above bid is hereby accepted by me on behalf of the Jabalpur Smart City Limited dated
the day of 20
Signature of Officer
by whom accepted

i.

ii.

iii.

ANNEXURE — K (See clause 15 of Section 2 -ITB)

MATERIALS TO BE ISSUED BY THE DEPARTMENT

N/A

ANNEXURE—L

(See clause 21 of Section 2 -ITB)

LETTER OF ACCEPTANCE (LOA) Dated: To, M/s. (Name and address of the contractor) Subject: (Name of the work as appearing in the bid for the. work) Dear Sir(s), Your bid for the work mentioned above has been accepted on behalf of the Jabalpur Smart City Limited at your bided percentage ______ below/ above or at par the Bill of Quantities and item wise rates given therein. You are requested to submit within 15 (Fifteen) days from the date of issue of this letter: The performance security/ performance guarantee of Rs. a. _____ (in-figures) (Rupees _____ in words only). The performance security shall be in the shape of term deposit receipt / bank guarantee of any nationalized / schedule commercial bank valid up to three months after the expiry of defects liability period. b. Sign the contract agreement. Please note that the time allowed for carrying-out the work as entered in the bid is _ months including/ excluding rainy season, shall be reckoned from the date of signing the-contract agreement.

Signing the contract agreement shall be reckoned as intimation to commencement of work and no separate letter for commencement of work is required. Therefore, after signing of the agreement, you are directed to contact the Engineer-in-charge for taking the possession of site and necessary instructions to start the work.

Yours Faithfully

Executive Engineer

ANNEXURE — M (See clause 22 of Section 2 -ITB)

PERFORMANCE SECURITY

То	
	[name of Employer]
	[address of Employer
W	HEREAS[name and address of Contractor) (Hereinafter
	Contractor") has undertaken, in pursuance of letter of Acceptance No
	execute[name of Contract and brief description of Works] (hereinafter
	e Contract").
	REAS it has been stipulated by you in the said Contract that the Contractor shall furnish
•	Bank Guarantee by a recognized bank for the sum specified therein as security for
compliance	e with his obligation in accordance with the Contract;
AND WHE	REAS we have agreed to give the Contractor such a Bank Guarantee:
NC	DW THEREFORE we hereby affirm that we are the Guarantor and responsible to you on
behalf of t	he Contractor, Up to a total of [amount of guarantee]*
	ne Contract Price is payable, and we undertake to pay you, upon your first written demand ut cavil or argument, an sum or sums within the limits of
	[amount of guarantee] as aforesaid without your needing to prove or to
	nds or reasons for your demand for the sum specified therein.
_	waive the necessity of your demanding the said debt from the contractor before
	g us with the demand.
	r agree that no change or addition to or other modification of the term of the Contract of
	to be performed there under or of any of the Contract documents which may be made
	ou and the Contractor shall in any way release us from any liability under this guarantee,
•	reby waive notice of any such change, addition or modification.
	is guarantee shall be valid until 3 (three) months from the date of expiry of the Defect
Liability Pe	· · ·
•	gnature, Name and Seal of the guarantor
	ame of Bank
	Idress
	one No, Fax No., E-mail Address, of Signing Authority
	ate

*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.

SECTION 3

Conditions of Contract

Part - I General Conditions of Contract [GCC]

Table of Clauses of GCC

Clause	Particulars	Clause	Particulars
No.		No.	
A. General		21	Payments for Variations and / or Extra
			Quantities
1	Definitions	22	No compensation for alterations in or
			restriction of work to be carried out.
2	Interpretations and 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 Charge
7	Force Majeure	28	Payment upon Termination
8	Contractor's Risks	29	Performance Security
9	Liability For Accidents To Person	30	Security Deposit
10	Contractor to Construct the	31	Price Adjustment
	Works		
11	Discoveries	32	Mobilization and Construction Machinery
			Advance
12	Dispute Resolution System	33	Secured Advance
B Time	Control	34	Payments Certificates
13	Programme	E. Finishi	ng the Contract
14	Extension of Time	35	Completion Certificate
15	Compensation for Delay	36	final Account
16	Contractor's quoted percentage	F. Other	Conditions of Contract :
C. Qua	lity Control	37	Currencies
17	Tests	38	Labour
18	Correction of Defects noticed	39	Compliance with Labour Regulations
	during the Defect Liability Period		
D. Cost Control		40	Audit and Technical Examination . —
19	variations Change in original	41	Death or Permanent Invalidity of Contractor
	Specifications, Designs, Drawings		
	etc.		
20	Extra Items.	42	.Jurisdiction

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 zone/ basin concerned:
- 13. **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 Data:** means the documents and other information, which comprise of the Contract.
- 1.6. **Contractor:** means a person or legal entity whose bid to carry out the work has been accepted by the Employer.
- 1.7. **Contractor's bid:** means the completed bid document submitted by the Contractor to the Employer.
- 1.8. **Contract amount:** means the amount of contract worked out on the basis of accepted bid.
- 1.9. **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.
- 1.10. **Day:** means the calendar day.
- 1.11. **Defect:** means any part of the work not completed in accordance with the specifications included in the contract.
- 1.12. **Department:** means Department of the, State Government viz. Water Resources Department, Public Works Department, Public Health Engineering Department Rural Engineering Service and any other organization which adopts this document.
- 1.13. **Drawings:** means drawings including calculations and other information provided or approved by the Engineer-in-Charge.
- 1.14. **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 / Government / Department wherever used denote the Employer.
- 1.15. **Engineer:** means the person named in the Contract Data.
- 1.16. **Engineer in charge:** means the person named in the Contract Data.
- 1.17. **Equipment:** means the Contractor's machinery and vehicles brought temporarily to the Site far execution of work.
- 1.18. **Government:** means Government of Madhya Pradesh.
- 1.19. In Writing: means communicated in written form and delivered against receipt.
- 1.20. **Material:** means all supplies, including consumables, used by the Contractor for incorporation in the work.
- 1.21. **Superintending Engineer:** means Superintending Engineer-in-Charge of the Circle concerned.
- 1.22. 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.

- 1.23. **Specification:** means the specification of the work included in the Contract and any modification or addition made or approved by the Engineer-in-Charge.
- 1.24. **Start Date:** means the date of signing of agreement for the work.
- 1.25. **Sub-Contractor**: means a person or corporate body who has a Contract with the Contractor, duly authorized to carry out a part of the construction work under the Contract.
- 1.26. **Temporary Work:** means work designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the work.
- 1.27. **Tender/Bid, Tendered/Bidder**: are the synonyms and carry the same meaning where ever used. -
- 1,28. **Variation:** means any change in the work which is instructed or approved as variation under this contract.
- 1.29. **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. Wards 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 ANNEXURE's)
- 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

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 shall 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 Employer in writing, but will not assign the Contract. Subcontracting shall not alter the Contractors 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.
- c. The sub-contractor will have to be registered in the appropriate category in the centralized registration system for contractors of the GOMP.

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:

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 contact after holding mutual discussions.

8. Contractor's Risks -

SITE VISIT AND COLLECTING LOCAL INFORMATION Before tendering, the Bidders are advised to visit the site, its surroundings to assess and satisfy themselves about the local conditions such as the working and other constraints at site, approach roads to the site, availability of water & power supply, application of taxes, duties and levies as applicable & any other relevant information required by them to execute complete scope of work. The Bidder may obtain all necessary information as to risks, weather conditions, contingencies & other circumstances (insurgencies etc.) which may influence or affect their tender prices. Bidder shall be deemed to have considered site conditions whether he has inspected it or not and to have satisfied himself in all respect before quoting his rates and no claim or extra charges whatsoever in this regard shall be entertained / payable by the JSCL at a later date.

ACCESS BY ROAD

Contractor, if necessary, shall build temporary access roads to the actual site of construction for the works at his own cost to make the site accessible. The Contractor shall maintain the same in motor able condition at all the times as directed by Engineer-in- Charge at his own cost. The contractor shall be required to permit the use of any roads so constructed by him for vehicles of JSCL or any other agencies/ contractors who may be engaged on the project site, free of cost. Non-availability of access roads or approach to site, for the use of the contractor shall in no case condone any delay in the execution of work nor be the cause for any claim for compensation.

HANDING OVER & CLEARING OF SITE

The Contractor should note that area for construction may be made available in phases as per availability and in conjunction with pace of actual progress of work at site. The work may be required to be carried out in constrained situations. The work is to be carried out in such a way that the traffic, people movement, if any, is kept operative and nothing extra shall be payable to the contractor due to this phasing / sequencing of the work. The contractor is required to arrange the resources to complete the entire project within total stipulated time. Traffic diversion, if required, is to be done and maintained as per requirement of local traffic police or/and as per specification, by the contractor at his own cost and the contractor shall not be entitled for any extra payment, whatsoever, in this regard. The efforts will be made by the JSCL to handover the site to the Contractor free of encumbrances. However, in case of any delay in handing over of the site to the Contractor, the JSCL shall only consider suitable extension of time for the execution of the work. It should be clearly understood that the JSCL shall not consider any revision in contract price or any other compensation whatsoever viz. towards idleness of contractor's labor, equipment etc. Old structures on the proposed site, if required, shall be demolished by the contractor properly at his own cost unless and otherwise mentioned elsewhere in the tender document. The useful material obtained from demolition of structures & services shall be the property of the owner/JSCL and these materials shall be stacked in workmanship like at the place specified by the Engineer-in-charge. Necessary arrangement including its maintenance is to be made by the contractor for temporary diversion of flow of existing drain and road, as the case may be. The existing drain, road would be demolished, wherever required, with the progress of work under the scope of proposed project. The existing Road and Drain which are not in the alignment of the said project but are affected and/ or need to demolished during execution for smooth progress of the project, shall be rehabilitated to its original status and condition (including black topping) by the contractor at his own cost. The cost to be incurred by contractor in this regards shall be deemed to be included in the quoted rates of the bill of quantity items and contractor shall not be entitled for any extra payment whatsoever in this regard. The information about the public utilities (whether over ground or underground) like electrical/ telephone/ water supply lines, OFC Cables, open drain etc. is the responsibility of contractor to ascertain the utilities that are to be affected by the works through the site investigation. The contractor shall be responsible to obtain necessary approval from the respective authorities for shifting/ re- alignment of existing public utilities. JSCL shall only assist the contractor for visioning in obtaining the approval from the concerned authorities. Any services affected by the works must be temporarily supported by the contractor who must also take all measures reasonably required by the various bodies to protect their services and property during the progress of works. It shall be deemed to be the part of the contract and no extra payment shall be made to the contractor for the same.

ORDER OF PRECEDENCE OF DOCUMENTS

In case of difference, contradiction, discrepancy, with regard to conditions of contract, Specifications, Drawings, Bill of quantities etc. forming part of the contract, the following shall prevail in order of precedence.

Letter of Award, along with statement of agreed variations and its enclosures, if any. Description of Bill of Quantity / Schedule of Quantities, Special Condition of Contract, Technical specifications (General, Additional and Technical Specification) as given in Tender documents. General Conditions of Contract, Drawings CPWD/UADD specifications (as specified in Technical Specification of the Tender) update with correction slips issued up to last date of receipt oftenders.

Relevant B.I.S. Codes under the contract.

- 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.
- 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 design/ drawings or other documents have been approved by the department.

9. Liability for Accidents to Person

The contractor shall be deemed to have indemnified and saved harmless the Corporation 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.

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.

B. Time Control

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

- 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 liveable 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.

17.4 Ten percent of the mandatory test prescribed under the specification shall be got carried out through laboratories accredited by national Accreditation Board of laboratories (NABL) By the Engineer-in-charge and the cost of such testing shall be deducted from the payments due to contractor.

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 haying 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 the irrespective 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
- 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 Department 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.
- (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. Tax -
- 25.1 The rates (in case of percentage rate bids)/ lump-sum offer (in case of lump-sum bids) quoted by the Contractor shall be deemed to be inclusive of all duties, royalties, levies and taxes except Goods and Services Tax (GST) The amount of applicable GST will be paid separately to the Contractor with each bill at the time of payment.
- 25.2 The liability, if any, on account of quarry fees duties taxes (except GST), royalties and levies in respect of material consumed or services rendered on public work shall be borne by the Contractor.
- 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.
- 26.3 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

- 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;
 - c) without reasonable excuse falls 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 chargé 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 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 '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 Delectability Period.
- 30.3 The Security Deposit shall be refunded on completion of Defect Liability Period plus 3(three) Months.

31. Price Adjustment

31.1 Applicability

- 1. Price adjustment shall be applicable only if provided for in the Contract Data.
- 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.
- 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. In the Force Majeure event the price escalation clause shall apply.

31.2 Procedure

- 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 fail 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.
- 32.5 The advance payment shall be recovered as stated in the Contract Data by deducing 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.
- 3.4 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.
- (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

- 36.1 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 32.1 above, the Engineer shall proceed to finalize 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.

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 labourfrom 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 labor law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labor 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 non-observance 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 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 sun 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 Government 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 work executed by him under it, the amount of such under payment shall be duly paid by Government 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]

Contract Data

S.No	Clause reference	Particulars	Data
1.	1.14	Employer	EXECUTIVE DIRECTOR, JSCL, JABALPUR
2.	1.15	Engineer	Executive Engineer
3.	1.16	Engineer in Charge	Assistant Engineer
4.	1.12	Stipulated period of completion	06 months (including Rainy season)
5.	3	Language & Law of Contract	Indian Contract Act 1872
6.	4	Address & contact details of the Contractor	As per ANNEXURE H
		Address & contact details of the Employer/ Engineer- phone, Fax, email.	Executive Director, JSCL
7.	5	Subcontracting permitted for the Contract Value	Up to 10% by approval of employer
8.	6	Technical Personnel to be provided the contractor—requirement, &	As per ANNEXURE - I (Format I-3)
		Penalty, if required Technical Personnel not employed	As per rule
9.	10	Specifications	As per ANNEXURE E
		Drawings	As per ANNEXURE N
10.	12	Competent Authority for deciding dispute under Dispute Resolution System	As per rule
		Appellate Authority for deciding dispute under Dispute Resolution System	Executive Director, JSCL
11.	13	Period for submission of updated construction program	7 days
		Amount to be withheld for hot submitting construction program in prescribed period	As per rule
12.	14	Competent Authority for granting Time Extension.	As per rule
13.	15	Milestones laid down for the contract	YES
		If Yes, details of Milestones	As per ANNEXURE – O
		Liquidated damage	As per ANNEXURE – P
14.	17	List of equipment for lab	As per ANNEXURE - Q
		Time to establish lab	As per rule
		Penalty for not establishing field	As per rule
		Laboratory	
15.	18	Defect Liability Period	60 months (5 years) after physical completion of work
16.	21	Competent Authority for determining the rate	As per rule
17.	27	Any other condition for breach of contract	
18.	28	Penalty	Penalty Shall include (a) Security deposit as per clause 30 of General Conditions of Contract and (b Liquidated Damages imposed as
			per clause 15 or Performance

	1	1	Convity (Commented including
			Security (Guarantee) including
			Additional Performance Security
			(Guarantee), if any, as per clause 29
			of General Conditions of Contract,
			whichever is higher
19.	29	Performance guarantee (Security) shall be	Till issue of physical Completion
		valid up to	Certificate as per Clause 35.1
20.	30	Security Deposit to be deducted from	At the rate of 5%.
		each running bill	
		Maximum limit of deduction of Security	Up to 5% of Final Contract Amount.
		Deposit	
21.	31	Price Adjustment formula and procedure to calculate	N.A.
22.	31.1 (1)	Price adjustment shall be applicable	Price Adjustment shall be
	31.1 (1)	Trice adjustificite strait be applicable	applicable only in case where the
			amount in NIT is more than Rs. 10
			(Ten) Crores. This clause shall not
			have any bearing with the Contract
			Amount.
23.		32:1 Mobilization and Construction	No Mobilization and Construction
25.		Machinery Advance Applicable	Machinery Advance shall be
		Ivideninery Advance Applicable	payable.
		32.2 If yes, Unconditional Bank Guarantee	In the format prescribed in
		32.2 II yes, onconditional bank duarantee	ANNEXURE - S
		32.3 If yes, Rate of interest chargeable on	10% annual simple interest
		advances	10% dilliddi silliple litterest
		32.4 If yes, Type & Amount of Advance	NA
		payment that can be paid	1.07
		32.5 If yes, Recovery of advance payment	Recovery of Mobilization and/or
		32.3 ii yes, necevery or davance payment	Construction Machinery advance
			shall commence when 10% of the
			Contract Amount is executed and
			recovery of total advance shall be
			done on pro-rata basis and shall be
	32		completed by the time work
			equivalent to 80% of the Contract
			Amount is executed.
			In addition to the recovery of
			principal amount, recovery of
			interest shall be carried out as
			calculated on the outstanding
			amount of principal at the close of
			each month. The interest shall be
			accrue from the day of payment of
			advance and the recovery of
			interest shall commence when 10%
			of the Contract Amount is executed
			and shall be completed by the time
			work equivalent to 80% of the
			Contract Amount is executed.
24.	33	33.1 secured Advance Applicable	No Secured Advance payable.
۷4.	၁၁	1 22.1 Secured Advance Applicable	No secureu Auvunce payable.

		33.2 if yes, Unconditional Bank Guarantee	In the format prescribed in ANNEXURE —T
		33.2 if yes, Amount of Secured Advance :	75% of value of material as
			determined by the Engineer in
			Charge
		33.3 if yes, Conditions for secured	a) The materials are in-accordance
		advance .	with the specification for Works;
			b) Such materials have been
			delivered to site, and are properly stored and protected against
			damage, or deterioration to the
			satisfaction of the Engineer. The
			contractor shall store the bulk
			material in measurable stacks.;
			c) The Contractor's records of the
			requirements, orders, receipt and
			use of materials are kept in a form
			approved by the Engineer and such
			records shall be available for
			inspection by the Engineer;
			d) The contractor has submitted with his monthly statement the
			estimated value of the materials on
			site together with such documents
			as may be required by the Engineer
			for the purpose of valuation of the
			materials and providing evidence of
			ownership and payment thereof;
			e) Ownership of such materials
			shall be deemed to vest in the
			Employer for which the Contractor
			has submitted an Indemnity Bond
			in an acceptable format; and f) The quantity of materials are not
			excessive and shall be used within a
			reasonable time as determined by
			the Engineer.
]	33.4 if yes, Recovery of Secured advance	The advance shall be repaid from
			each succeeding monthly payments
			to the extent materials [for which
			advance was previously paid) have
25	35	Completion cortificate after shyrical	been incorporated into the Works.
25.	35	Completion certificate - after physical completion of the Work	As per ANNEXURE - U
	1	Final Completion Certificate — after final	As per ANNEXURE-V
		payment on completion of the Work	-
26.	36	Competent Authority	Executive Director, JSCL
27.	37	Salient features of some of the major	As per ANNEXURE – W
		labour laws that are applicable	

Smart Road at Bargi hills, Jabalpur

ANNEXURE—N (See clause 10 of Section 3— GCC)

Drawings

Smart Road at Bargi hills, Jabalpur

ANNEXURE—O (See clause 15 of Section 3 -GCC)

Details of Milestones

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 Superintending Engineer shall be final and binding upon both the parties.

Smart Road at Bargi hills, Jabalpur

ANNEXURE – Q (See clause 17 of Section 3 GCC)

List of Equipment for Quality Control Lab

ANNEXURE - R (See clause 31 of Section 3 -GCC)

Price Adjustment

<u>N.A.</u>

ANNEXURE - S

(See clause 32 of Section 3-GCC)

Bank Guarantee Form for Mobilization and Construction Machinery Advance

То
In accordance with the provisions of the General Conditions of Contract, clause 31 ("Mobilization and Construction Machinery Advance") of the above-mentioned Contract
We, the(bank of financial institution], as instructed by the Contractor., agree unconditionally and irrevocably to guarantee as primary obligator and not as surety merely, the payment to(name of Employer] on his first demand without whatsoever right of obligation on our part and without his first claim to the Contractor, in the amount not exceeding '[amount of guarantee]*[in words].
We further agree that no change or addition to or other modification of the terms of the Contractor or Works to be performed there under or of any of the Contract documents which may be made between[name of Employer] 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 remain valid and in full effect from the date of the advance payment
under the contract until [name of Employer] receives full repayment of the same amount from the Contractor.
Yours truly, Signature and Seal: Name of Bank/Financial Institution:
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.

ANNEXURE - T (See clause 33 of Section 3 -GCC)

Bank Guarantee Form for Secured Advance

INDENTURE FOR SECURED ADVANCES

	INDENTIONE FOR SECONED ADVANCES
	This indenture made the day of 20 BETWEEN
(here	einafter called the contractor which expression shall where the context so admits or implies be
	ned to include his executors, administrators and assigns) or the one part and the Employer of
	other part.
	Whereas by an agreement dated (hereinafter called the said agreement)
the c	ontractor has agreed.
	AND WHEREAS the contractor has applied to the Employer that he may be allowed
adva	nced on the security of materials absolutely belonging to him and brought by him to the site of
	vorks the subject of the said agreement for use in the construction of such of the works as he
	undertaken to executive at rates fixed for the finished work (inclusive of the cost of materials
	abour and other charges)
una n	AND WHEREAS the Employer has agreed to advance to the Contractor the sum of Rupees
	on the security of materials the quantities and other particulars
of w	hich are detailed in Accounts of Secured Advance attached to the Running Account Bill for the
	works signed by the Contractor on and the Employer has reserved to himself the
	on of making any further advance or advances on the authority of other materials brought by
	Contractor to the site of the said works.
	Now THIS INDENTURE WITNESSETH that in pursuance of the said agreement and in
consi	ideration of the sum of Rupees on or before the execution of these presents paid
	e Contractor by the Employer (the receipt where of the Contractor doth hereby 'acknowledge)
	of such further advances (if any) as may be made to him as a for said the Contractor doth hereby
	nant and agree with the President and declare as follows:
	the said sum of Rupees so advanced by the Employer to
mac	30 davanced by the Employer to
(1)	the Contractor as aforesaid and all or any further sum of sums 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.
(2)	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.
(3)	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
	aforesaid (hereafter called the said materials) shall be used by the Contractor solely in the
	execution of the said works in accordance with the directions of the Engineer.
(4)	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.

- (5) 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 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.
- (7) 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 were 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 security 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 repayment to the Employer of the said sum of 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 utilize 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 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 repayable 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

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difference arising over the construction or effect of these presents the settlement of which has not been here-in-before 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.

ANNEXURE - U (See clause 35 of Section 3 -GCC)

Physical Completion Certificate

Name of Work:	
Agreement No .	Date
Amount of Cont	ract Rs
Name of Agency	/
Used MB No	
Last measureme	ent recorded
a. Page No. & M	B No
b. Date	
	e above mentioned work was physically completed on(date) and taker(date) and that I have satisfied myself to best of my ability that the work properly.
Date of issue	
	Executive Engineer/Engineer-in- charge

ANNEXURE-V (See clause 35 of Section 3-GCC)

Final Completion Certificate

Name of Work:	
Agreement no	Oate
Name of Agency:	
Used MB No	
Last measurement recorded	
a: Page No. & MB No	
b. Date	
Certified that the above mentioned work was physically cand taken over on(date).	_
and taken over on(date).	ompleted on(date)
and taken over on(date). Agreement amount Rs	ompleted on(date)
and taken over on(date).	ompleted on(date)
and taken over on(date). Agreement amount Rs	ompleted on(date)
and taken over on(date). Agreement amount Rs Final Amount paid to contractor Rs.	ompleted on(date)
and taken over on(date). Agreement amount Rs	ompleted on(date)
and taken over on	ompleted on(date)
and taken over on	ompleted on(date)

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.
- 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.
- 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 which this Act becomes applicable, are required to be provided certain facilities such as Housing, Medical-Aid, Traveling 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.

SECTION 3 Conditions of Contract

Part — II Special Conditions of Contract [SCC]

CONTRACTORS MAY COAT THERATES CONSIDERING THE BELOW MANDATORY MACHINERIES.NO EXTRA RATE SHALL BE PAID IN THE BELOW ITEMS OF EMBAKEMENT, G.S.B, C.R.M, D.B.M, B.C, ETC. FOR MANDATORY MACHINERIES.

FO	K WANDA I	ORY MACHINERIES.
*	NOTES:-	FOR BITUMINOUS WORK
	(A)	IT IS MANDATORY TO USE MIXING OF BITUMINOUS MATERIAL ONLY BATCH MIX PLANT OF APPROPRIATE CAPACITY OR AS SPECIIED IN ANNEXTURE FORMAT 1-5.
	(B)	IT IS MANDATORY TO USE LAYING WITH A HYDROSTATIC PAVER FINISHER WITH SENSOR CONTROL TO THE REQUIRED GRADE, LEVEL AND ALIGNMENT, ROLLING WITH SMOOTH WHEELED, VIBRATORY AND TANDEM ROLLERS TO ACHIEVE THE DESIRED COMPACTION AS PER CLAUSE 507 OF SPECIFICATION.
*	NOTES:-	FOR CONSTRUCTION OF EMBANKMENT WORK
		IT IS MANDATORY TO USE MOTOR GRADER FOR SPREADING AND LEVELLING AND VIBRATORY ROLLER, PNEMATIC TYRE ROLLER ETC. AS PER CLAUSE 305.3.6, COMPACTION AT O.M.C NOT MORE THAN 30CM LAYER.
*	NOTES:-	FOR GRANULAR SUBBASE
		IT IS MANDATORY TO USE MATERIAL C.B.R. > 30 SPREADING AND UNIFORM LAYERS WITH MOTOR GRADER & COMPACTING AT O.M.C WITH VIBRATORY & STATIC ROLLER TO ACHIEVE REQUIRED DENSITY AS PER CLAUSE 305.3.6.
*	NOTES:-	FOR CRM
		IT IS MANDATORY TO SPREADING AND MIXING WITH A MOTOR GRADER, WATERING AND COMPACTING WITH A VIBRATORY ROLLER AS PER CLAUSE 410
*	NOTES	FOR WMM
		IT IS MANDATORY TO BRING PRE MIX MATERIAL WITH WATER AT O.M.C IN MECHANICAL MIX PLANT.
*	NOTES	FOR SYNTHETIC FLOORING:- 5 LAYERS ACRYLIC / SYNTHETIC FLOORING
		NEED TO TAKE CARE THAT RAINWATER DOESN'T STAGNATE ON THE SURFACE.

SECTION 4

BILL OF QUANTITIES (BOQ)

NOTE:- PLEASE FIND ATTACHED ANNEXURE-1B FOR DETAILED BOQ(BILL OF QUANTITY).

SECTION 5

AGREEMENT FORM AGREEMENT

	This	agreeme	ent, made	on tl	he			_ day	of			_ between:
			_ (name	and	addre	ss of E	mployer) (he	reinafter	called	"the	Employer)
and							_ (name	e and	address	of contra	ictor) l	hereinafter
called "	the C	ontracto	r' of the o	ther p	oart.							
Where	as	the	Employe	er	is (na	desirou		ation	the	Contra		execute hereinafter
called '	"the V	/orks") a	and the Fn	nnlov								cution and
		=	Vorks and			•		-				cation and
			NT WITNI		•		acreets	tricic	, at a cc	, st 01 11s.	•••••	
1.							nall have	- the	same me	aning as	are r	espectively
		_			-					_		ey shall be
	_		orm and be									,a 50
2.									_		ne Cor	ntractor as
				-	•			-				xecute and
							•					ts with the
			the contra		,	•				•	·	
3.	The I	Employe	r hereby c	oven	ants to	pay the (Contract	or in o	considera	tion of t	he exe	cution 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 n	nanner p	orescribed	by th	e Cont	ract.						
4.	The	followin	g docume	nts sh	nall be	deemed	to form	and b	e ready	and con	strued	l as part of
	this A	Agreeme	ent viz.									
	i.	Letter	of Accepta	nce								
	ii.	Contra	ctor's Bid									
	iii.	Condit	ion of Cor	tract	: Gener	al and Sp	ecial -					
	iv.	Contra	ct Data									
	v	Bid Dat	ta									
	vi.	Drawin	ıgs									
	vii.	Bill of 0	Quantities	and								
	viii.	Any otl	her docum	ents	listed ii	n the Con	tract Da	ta as f	forming p	art of th	e Cont	ract.
	In wi	tnessed	whereof	the p	arties t	here to h	nave cau	ised t	his Agree	ment to	be ex	ecuted the
•	•		ore writte									
		n Seal of	:						wa	as hereui	nto aff	fixed in the
presen												
			elivered b							the pres	ence c	of:
			Employer _.									
Binding	g Signa	ature of	Contracto	r								

Appendix 1

Format for Affidavit Certifying no Blacklisting

(On Non - judicial stamp paper of Rs 100/- or such equivalent document duly attested by notary public)

publicy
<u>Affidavit</u>
I, M/s
We undertake that, in the event of us or any of our promoters/directors being blacklisted / barred at any time post the date of this affidavit, we shall intimate the Employer of such blacklisting.
We further confirm that we are aware that as per Clause 25 of the Tender for Selection of Contractor for, our Bid for the captioned project would be liable for rejection in case any material misrepresentation is made or discovered with regard to the requirements of the bid document at any stage of the bidding process or thereafter the contract agreement will be liable for termination.
Dated thisDay of, 2018.
Name of the Bidder
Signature of the Authorised Signatory
Name of the Authorised Signatory
Note:

• To be executed separately by all the partners in case of joint venture.

Appendix 2

Note: The detailed and signed CV's of all the Key Technical Personnel, recently signed (not older than 3 months from the due date of submission of bid) by the key personnel himself, must be furnished along with the bid as perproforma given below. Non-compliance of the above or non-furnishing of the CV as above or conditional deployment of any of the above personnel or proposal to employ lesser number of personnel than above may make the bid non responsive and financial bid may not be opened.

1. Proposed Position:	oposed Key Staff
2. Name of Staff:	
3. Date of Birth:	(Please furnish proof of age)
4. Nationality:	
5. Educational Qualification:	
(Summarize college/university and other spe schools, dates attended and degrees obtaine	cialized education of staff member, giving names of d). (Please furnish proof of qualification)
Contact Address with Phone and mobile num	nbers:
6. Membership of Professional Societies:	
7. Publication:	
(List of details of major technical reports/pag	pers published in recognized
National and international journals)	
8. Employment Record:	
by staff member since graduation, giving dat	ed order, every employment held. List all positions held es, names of employing organization, title of positions ence <i>period of specific assignment must be clearly</i> e appropriate).
9. Summary of the CV	
(Furnish a summary of the above CV. The information in the summary will have be	ormation in the summary shall be precise and accurate. earing on the evaluation of the CV).
A) Education:	

i) Field of Diploma/Graduation and year
ii) Field of post-graduation and year
iii) Any other specific qualification
B) Experience
i) Total experience in relevant Works: Yrs.
ii) Responsibilities held:
i)Yrs.
ii) Yrs.
iii) Yrs.
iii) Relevant Experience: Yrs.
C) Permanent Employment with the Firm (Yes/No):
If yes, how many years:
If no, what is the employment?
Arrangement with the firm?
Certification:
1 I am willing to work on the project and I will be available for entire duration of the project assignment and I will not engage myself in any other assignment during the currency of this assignment on the project
2 I, the undersigned, certify that to the best of my knowledge and belief, this bio-data correctly describes myself my qualification and my experience.
Signature of the Candidate
Place
Date
Signature of the Authorized Representative of the firm
Place
Date
Note: Each page of the CV shall be signed in ink by both the staff member and the Authorized Representative of the firm.

-: END OF DOCUMENT: -

Jabalpur Smart City Limited