

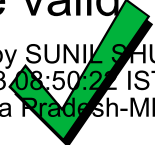
MANDATORY DOCUMENTS

1. PWD REGISTRATION
2. PAN
3. GST
4. EPF
5. ANEEXURE-H
6. AFFIDAVIT
7. EMD
8. AS PER TENDER DOCUMENTS

सभी दस्तावेज केवल ऑनलाइन अपलोड किया जाना है ,

Signature valid

Digitally signed by SUNIL SHUKLA
Date: 2025.03.03 08:50:22 IST
Location: Madhya Pradesh-MP



GWALIOR DEVELOPMENT AUTHORITY

APPENDIX 2.10

TENDER DOCUMENT

For Percentage Rate only in works departments and other

Departments similar to work departments

(Effective from 01/01/2014)

| | |
|---|--|
| OFFICE OF THE | GWALIOR DEVELOPMENT AUTHORITY |
| N.I.T.No.and Date |/2025-2026 |
| Agreement Number and Date | |
| Name of Work | विधानसभा 15 ग्वालियर तोरण द्वार एवं सी.सी. रोड का निर्माण कोटेश्वर मंदिर के सामने सिध्यांचल मंदिर के पास (विधायक निधि) |
| Name of Contractor | |
| Probable Amount of Contract (Rs. In Figure) (Rs. In Words) | Rs 1456776/- |
| Contract Amount (Rs. In Figure) (Rs. In Words) | |
| Stipulated Period of Completion | 03 MONTH |

TENDER DOCUMENT

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SECTION – 1

Notice Inviting Tender

GOVERNMENT OF MADHYA PRDESH

GWALIOR DEVELOPMENT AUTHORITY

NIT. No...../e-tendering/2025-26

Dated

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

| S. No. /Pkg/ Code | Name of Work | District (s) | Probable Amount of Contract (Rs. in lakh) | Period of Completion |
|-------------------------|--|----------------|--|-------------------------|
| 1 | विधानसभा 15 ग्वालियर तोरण द्वार एवं सी.सी. रोड का निर्माण कोटेश्वर मंदिर के सामने सिध्यांचल मंदिर के पास (विधायक निधि) | Gwalior | 1456776/- | 03 month |

- Interested bidders can view the detailed NIT on the website <https://www.mptenders.gov.in>
- The Bid Document can be purchased only online from..... --- to-- PM.
- Amendments to NIT, if any, would be published on website only, and not in newspaper.

Executive Engineer

GWALIOR DEVELOPMENT AUTHORITY

Notice Inviting Tender
GOVERNMENT OF MADHYA PRDESH
GWALIOR DEVELOPMENT AUTHORITY

NIT. No...../e-tendering/2025 Dated

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

| S. No. /Pkg/ Code | Name of Work | District (s) | Probable Amount of Contract (Rs. in lakh) | Earnest Money Deposit (EMD) (In Rs.) | Cost of Bid Document + Portal Charges | Category of Contractor | Period of Comple tion |
|-------------------------|--|-----------------|--|--|---|---------------------------|--------------------------------|
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 |
| 1 | विधानसभा 15 ग्वालियर तोरण द्वार एवं सी.सी. रोड का निर्माण कोटेश्वर मंदिर के सामने सिध्यांचल मंदिर के पास (विधायक निधि) | Gwalior | 1456776/- | 29136/- | 2000.00 | As Per NIT | 03 Months |

1. All details relating to the Bid Document(s) can be viewed and downloaded free of cost on the website <http://mptenders.gov.in>
2. Bid Document can be purchased after marking 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:
 - i) pay the cost of Bid Document;
 - ii) deposit the Earnest Money;
 - iii) Submit a check list and
 - iv) Submit an affidavit.

Details can be seen in the Bid Data Sheet

4. ELIGIBILITY FOR BIDDERS:

- (a) At the time of submission of the Bid the bidder should have valid registration with the Government of Madhya Pradesh, PWD in the appropriate class. However, such bidders who are not registered with the Government of Madhya Pradesh and are eligible for registration can also submit their bids after having applied for registration with appropriate authority.

- (b) The bidder would be required to have valid registration at the time of signing of the Contract.
- (c) Failure to sign the contract by the selected bidder, for whatsoever reason, shall result in forfeiture of the earnest money deposit.
5. **Pre-qualification** – Prequalification conditions, wherever applicable, are given in the Bid Data Sheet.
6. **Special Eligibility** - Special Eligibility Conditions, if any, are given in the Bid Data Sheet.
7. **Pre Bid meeting** – A pre bid meeting will be held -----inthe-----
4. The Bid Document can be purchased only10:30 AM
to 17:30 PM.
8. Amendments to NIT, if any, would be published on website only, and not in newspaper.

Executive Engineer

GWALIOR DEVELOPMENT AUTHORITY

SECTION 2

INSTRUCTIONS TO BIDDERS (ITB)

A. GENERAL

1. SCOPE OF BID

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

2. General Quality of Work:

The work shall have to be executed in accordance with the technical specifications specified in the **Bid Data Sheet/Contract Data** and shall have to meet 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

4.1 The bidder can be an individual entity or a joint venture. The requirement of joint venture is given in the Bid Data Sheet.

4.2 No bidder shall be entitled to submit more than one bid whether jointly or severally. If he does so, all bids where in 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.

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 Contract Data with all Annexure sand
 - ii. Part II Special Conditions of Contract.
 4. Specifications
 5. Drawings.
 6. Priced Bill of Quantities
 7. Technical and Financial Bid
 8. Letter of Acceptance
 9. Agreement and
 10. Any other Document(s), as specified.
- 8.** The bidder is expected to examine carefully all instructions, conditions of contract, the contract data, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Bidder shall be solely responsible for his failure to do so.
- 9. Pre-Bid Meeting (where applicable)**
- Wherever the **Bid Data Sheet** provides for pre-bid meeting:
- 9.1 Details of venue, date and time would be mentioned in the **Bid Data Sheet**. Any change in the schedule of pre-bid meeting would be communicated on the website only, and intimation to bidders would not be given separately.
 - 9.2 Any prospective bidder may raise his queries and/or seek clarifications in writing before or during the pre-bid meeting. The purpose of such meeting is to clarify issues and answer questions on any matter that may be raised at that stage. The Employer may, at his option, give such clarifications as are felt necessary.
 - 9.3 Minutes of the pre-bid meeting including the gist of the questions raised and the responses given together with any response prepared after the meeting will be hosted on the website.
 - 9.4 Pursuant to the pre-bid meeting if the Employer deems it necessary to amend the Bid Document, it shall be done by issuing amendment to the online NIT.
- 10. Amendment of Bid Documents**
- 10.1** Before the deadline for submission of bids, the Employer may amend or modify the Bid Documents by publication of the same on the website.
 - 10.2** All amendments shall form part of the Bid Document.
 - 10.3** The Employer may, at its discretion, extend the last date for submission of bids. By publication of the same on the website.

C. PREPARATION OF BID

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

12. DOCUMENTS COMPRISING THE BID

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

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

- i) Registration number or proof of application for registration and organizational details in format given in the bid data sheet.
- ii) Payment of the cost of Bid Document;
- iii) Earnest Money; and
- iv) An affidavit duly notarized.

Part 2 – This shall be known as online **Envelope B** and required to be submitted only in works where pre-qualification conditions and/or special eligibility conditions are stipulated in the **Bid Data Sheet**. **Online Envelope B** shall contain a **self-certified sheet** duly supported by documents to demonstrate fulfillment of pre-qualification conditions.

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

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, the Technical Proposal shall comprise of formats and requirements given in the **Bid Data Sheet**.

14.2 All the document/information enclosed with the technical proposal should be self-attested and certified by bidder. The bidder shall be liable for forfeiture of his earnest money deposit, if any document/information are found false/fake/untrue before acceptance of bid. If it is found after acceptance of the bid. The bid sanctioning authority may at his description 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 contact given in NIT. The overall percentage rate would apply for all items of work.
- ii. Percentage shall be quoted in figures as well as in words. If any difference in figures and words is found, lower of the two shall be taken as valid and correct.
- iii. The bidder shall have to quote rates inclusive of all duties, taxes, royalties and other levies; and the Employer shall not be liable for the same.
- iv. The material along with the units and rates, which shall be issued, if any, by the department to the contractor, is mentioned in the bid data sheet.

16. PERIOD OF VALIDITY OF BIDS

The bids shall remain valid for a period specified in **the Bid Data Sheet** after the date of “close for bidding” 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 ‘EMD/Bid security shall be submitted only online using options available in the tender portal within the specified time limit. Bidder are advised to process it well in advance. No claim shall be entertained due to delay in online transactions via payment gateway/banking portal.’ **(Amendment made as per circular F 10-17/2020/18-2 Bhopal dated 27-11-2020 by UDHD Bhopal)**
- 17.3 Bid not accompanied by EMD shall be liable for rejection as non-responsive.
- 17.4 EMD of bidders whose bids are not accepted will be returned within ten working days of the decision on the bid.
- 17.5 EMD of the successful Bidder will be discharged when the Bidder has signed the Agreement after furnishing the required Performance Security.
- 17.6 Failure to sign the contract by the selected bidder, within the specified period, for whatsoever reason, shall result in forfeiture of the earnest money deposit.

SUBMISSION OF BID

- 18.** The bidder is required to submit digitally signed bid i.e; Envelop A,B,& C online only. No Physical submission of the bid will be accepted in exceptional case under clause 19.7 (Amendment made as per circular F 10-17/2020/18-2 Bhopal dated 27-11-2020 by UDHD Bhopal)

D. OPENING AND EVALUATION OF BID

19. PROCEDURE

- 19.1 Envelope 'A' shall be opened first online at the time and date notified and its contents shall be checked. In cases where Envelop 'A' does not contain all requisite documents, such bid shall be treated as non-responsive, and Envelop B and/or C of such bid shall not be opened.
- 19.2 Wherever Envelop 'B' (Technical Bid) is required to be submitted, the same shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelop 'B'. Envelop 'C' (Financial Bid) of bidders who are not qualified in Technical Bid (Envelop 'B') shall not be opened.
- 19.3 Envelope 'C' (Financial Bid) of bids shall be opened online at the time and date notified. The bidder shall have freedom to witness opening of the Envelop 'C'.
- 19.4 After opening Envelop 'C' all responsive bids shall be compared to determine the lowest evaluated bid.
- 19.5 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to contract award, without incurring any liability. In all such cases reasons shall be recorded.
- 19.6 The Employer reserves the right of accepting the bid for the whole work or for a distinct part of it.
- 19.7 "In exceptional case, if physical submission of certain documents is found essential , then express prior permission must be obtained in writing by the tender issuing authority from an authority, as authorised by the state government. In such a case , such documents are required to be submitted physically at the place and date time specified in bid data sheet . In case of any mismatch in the documents submitted in the physical form and that uploaded online, or if the contractor fails to submit the documents physically, the bid shall be liable for rejection as non-responsive(Amendment made as per circular F 10-17/2020/18-2 Bhopal dated 27-11-2020 by UDHD Bhopal)

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 its bid.

E. 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. The original copy of affidavit will have to be submitted by the successful bidder at the time of signing contract, (Amendment made as per circular F 10-17/2020/18-2 Bhopal dated 27-11-2020 by UDHD Bhopal)

22. Performance Security

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

23. Signing of Contract Agreement

- 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 vent 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 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:

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

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

- a. “corrupt practice” means the offering, giving, receiving, or soliciting, directly or indirectly, anything of value to influence improperly the actions of another party;
- b. “fraudulent practice” means any act or omission, including a misrepresentation, that knowingly or recklessly misleads, or attempts to mislead, a party to obtain a financial or other benefit or to avoid an obligation;
- c. “coercive practice” means impairing or harming, or threatening 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 | GWALIOR DEVELOPMENT AUTHORITY |
| 2 | NIT No. | |
| 3 | Date of NIT | |
| 4 | Bid document download available from date & time | |
| 5 | Website link | www.mptenders.gov.in |
| SECTION 1 - NIT | | |
| NIT CLAUSE | PARTICULARS | DATA |
| 2 | Portal Fees (also known as processing fee) | As notified in E-tendering website |
| 3 | Cost of Bid Document | As notified in E-tendering website |
| | Cost of Bid Document Payable at | ----- |
| | Cost of Bid Document In favor of | EXECUTIVE ENGINEER GWALIOR DEVELOPMENT AUTHORITY |
| 4 | Affidavit Format | As per 'Annexure- B' |
| 5 | Pre-qualifications required | NO required as below: In case of Roads and Bridge works costing more than Rs. five Cr. and In case of Building works costing more than Rs. OneCr. |
| | If Yes, details | As per 'Annexure- C' (Evaluation by Superintending Engineer who will intimate reasons to disqualified bidders) |
| 6 | Special Eligibility (if yes, prior permission of E-in-C required) | NO |
| | If Yes, details | As per 'Annexure -D' |
| 7 | Key dates | As per 'Annexure -A' |

Bid Data Sheet

| SECTION 2 - ITB | | |
|-----------------|--|--|
| ITB CLAUSE | PARTICULARS | DATA |
| 1 | Name of the 'Work' | विधानसभा 15 ग्वालियर तोरण द्वार एवं सी.सी. रोड का निर्माण कोटेश्वर मंदिर के सामने सिध्यांचल मंदिर के पास (विधायक निधि) |
| 2 | Specifications & SOR | As per 'Annexure – E' in addition to as below: (a) Stipulation of SOR UADD for Building work w.e.f. 02.08.2021 and its amendments Issued up to date of N.I.T & NSI (As per PWD SOR) |
| 3 | Procedure for participation in e-tendering | As per 'Annexure – F' |
| 4 | Whether Joint Venture is allowed. | NO allowed as below: In case of Roads and Bridge works costing more than Rs. Twenty five Cr. |
| | If yes, requirement for Joint Venture | As per 'Annexure – G' |
| 12 | Envelope-A containing : i. Organizational details as per 'Annexure H' ii. Cost of Bid Document iii. EMD iv. An affidavit duly notarized as per 'Annexure- B' should reach in physical form in the office of : | |
| 14 | Envelope-B Technical Proposal | As per 'Annexure - I' and Annexure - I (Format I-1 to I-5) Note: The technical evaluation will be done only on the basis of financial & physical experience details submitted in formats (I-1) &(I-2) requiring Annual Turn Over & Bid Capacity. Requirement as regard to Key technical personnel, key Lab equipments & construction requirement as per Formats I-3, I-4 & I-5 respectively shall not be part of technical evaluation. However the non compliance on these requirements during the currency of the contract may attract penalties. |
| 15 | Envelope-C Financial Bid | As per 'Annexure - J' |
| | Materials to be issued by the department | As per 'Annexure - K' |
| 16 | Period of Validity of Bid | 120 Days |

Bid Data Sheet

| ITB CLAUSE | PARTICULARS | DATA |
|---------------|---|---|
| 17 | Earnest Money Deposit | Rs. 29136/- MENTION ON NOTIFICATION |
| | Forms of Earnest Money Deposit | i..Interest bearing Securities of post office. ii. Bank Guaranty(Format as per Annexure-M) |
| | EMD valid for a period of | 180 DAYS or more |
| | FDR must be drawn in favour of | EXECUTIVE ENGINEER GDAGWALIOR |
| 21 | Letter of Acceptance (LOA) | As per 'Annexure -L' (A formal work order on request of contractor may be issued.) |
| 22 | Amount of Performance Security | 5% of Contract Amount for Road and Bridge works; 5% of the Contract Amount for building works. |
| | Additional Performance Security, if any | Equal to an amount arrived at, by multiplying the contract amount with difference of percentage between percent rates (below/minus) of successful bid and 15% percent (below/minus), considering bid rates less than Fifteen percent below PAC, to be unworkable and shall require additional performance security (guarantee). valid up to – Till stipulated time of completion plus three months |
| | Performance Security in the format | As per 'Annexure- M-1' |
| | Performance Security in favor of | EXECUTIVE ENGINEER GDA GWALIOR |
| | Performance Security valid up to | As provided in the Contract Data (Amended vide Govt. memo No. 1400/1246/2018/19/Yo Bhopal dt. 06-04-18) |

Annexure – A
(see Clause 1, 7 of Section 1 –NIT)

KEY DATES

| S.No. | Particulars | Start Date & Time | End Date & Time | Envelope |
|-------|---|----------------------------------|-----------------|--------------------------|
| 1. | Purchase of Tender | | | |
| 2. | Online Bid Submission | | | |
| 3. | Pre bid Meeting | | | |
| 4. | Physical Submission (Original EMD AND OTHER DOCUMENT) | | | Envelope A Envelope B |
| 5. | Mandatory Submission Open (Envelope-A) | | | Envelope A |
| 6. | Technical Proposal Open (PQ Envelope B) | | | Envelope B |
| 7. | Opening of Financial Proposal (Online only) | AFTER OPEN ENVELOPE A | - | Envelope C |

Note: 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 before specified start time and date in Key-Dates for opening of Technical proposal as per Key-Dates in bid data sheet.

|| 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
affidavit on behalf of M/S _____ (contractor) do solemnly affirm an oath
and state that:

I/we am/are fully satisfied for the correctness of the certificates/records submitted in
support of the following information in bid documents which are being submitted in response to
notice inviting e-tender No. _____ for
_____ (name of work) dated _____ issued by the
_____ (name of the department).

I/we am/ are fully responsible for the correctness of following self-certified
informations/ digitally signed documents and certificates:

1. That the self-certified informations/ digitally signed documents given in the bid
document are fully true and authentic.
2. That:
 - a. Information regarding financial qualification and annual turnover, submitted online is
correct.
 - b. Information regarding various technical qualifications, submitted online is correct.
3. No close relative of the undersigned and our firm/company is working in the
department.

OR

Following close relatives are working in the department:

Name _____ Post _____ Present Posting _____

Signature with Seal of the Deponent (bidder)

I/ We, _____ above deponent do hereby certify that the facts
mentioned in above paras 1 to 3 are correct to the best of my knowledge and belief. In the
event of any information is found to be incorrect/ untrue or found violated, then without giving
any prior notice,our bid shall be liable for rejection or termination of contract, without prejudice
to any other rights of remedy including the forfeiture of the bid security/performance security.

Verified today _____ (dated) at _____ (place).

Signature with Seal of the Deponent (bidder)

PRE-QUALIFICATIONS CRITERIA

The bidder should have:

A. Financial

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

B. Physical

Physical qualifications for the work shall be as below

| S.no | Particulars | Quantity | Period |
|-------------|--|-----------------|---------------|
| 1 | Physical qualification required | No any | |
| 2 | Earth Work | | |
| 3 | Concrete work | | |

(The Employer shall specify all physical qualifications required).

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

SPECIAL ELIGIBILITY CRITERIA

The bidder should have experience of:

- A. Erection of Steel Gates -----
- B. Construction of tunnel -----

DELETED

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

Specifications

- 1. Stipulation of SOR for Building work w.e.f. 02.08.2021 and its amendments Issued up to date of N.I.T & NSI**

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.

PROCEDURE FOR PARTISIPATION IN E-TENDERING

1. Registration of Bidders on E-Tendering System:

All the PWD Registered Bidders are already registered on the new e-Procurement portal <http://mpeproc.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 e-mail ID. For more details may contract M/s Tata Consultancy services Corporate Block, 5th Floor, DB City, Bhopal-462011 email ID: eproc_helpdesk@mpsdc.gov.in helpdesk phone numbers are available on website.

2. Digital Certificates:

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 Certificates 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:

1. It may take upto 7 working days for issuance of Class III Digital Certificate; hence the bidders are advised to obtain the certificate at the earliest. Those bidders who already have valid class III Digital certificate need not obtain another Digital Certificate for the same. The bidders may obtain more information and the application form required to be submitted for the issuance of Digital Certificate form cca.gov.in.
2. Bid 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 bidding 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 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 Bidders' 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 www.mptenders.gov.in

4. Key Dates:

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

5. Preparation and Submission of Bids:

The Bidders have to prepare their Bids online, encrypt their Bid Data in the Bid Forms and submit Bid of all the envelopes and documents required to be uploaded related to the Tender as per the time schedule mentioned in the key dates of the Notice Inviting Tenders after signing of the same by the Digital Signature of their authorized representative.

6. Purchase of bid Documents:

For purchasing of the bid document bidders have to pay service charge online only. Which is Rs. (as per bid data sheet) cost of bid document is separately maintained in the detail NIT. The bid document shall be available for purchase to concerned eligible bidder immediately after online release of the bid and upto scheduled date and time as set in the key dates. The payments 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:

Bids submitted by a joint venture of two or more firms as partners shall comply with the following requirements:

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

DETAILS OF PARTICIPATION IN THE JOINT VENTURE

| PARTICIPATION DETAILS | FIRM "A" (lead Partner) | FIRM "B" | FIRM "C" |
|---|-------------------------|----------|----------|
| Financial | | | |
| Planning | | | |
| Construction Equipment | | | |
| Key personnel | | | |
| Execution of Work (give details on contribution of each) | | | |

Clarification:-

1. Annexure-G (Page 24) of the bid document describes the conditions and requirement to be applied/fulfilled in case of bidding by the joint venture (J.V.). For the purpose of evaluation of technical bids, it is hereby clarified that in addition to the conditions contained in Annexure-G of the bid document, the partners of J.V. should satisfy the qualification criteria as below:-

- a. The lead partner must have a share of minimum 51% in the J.V.
- b. The other partner(s) must have a share of minimum 26% in the J.V.
- c. The lead partner and the other partner must also meet 51% and 26% of the all qualification criteria respectively except for the requirement of work experience described in Annexure-I-1(A) (Page 27). However both the partners must satisfy the full (100%) qualification criteria jointly. For this purpose the qualification of individual partners shall be added (for Annual Average Turn Over and for Bid Capacity only).
- d. Following clarification / amendment is hereby done in requirement contained in Annexure-I-1(A) for J.V.
 - i. Out of 3 similar works of value more than 20% of PAC, at least 2 works must be done by lead partner and one work to be done by other partner,

OR

- ii. Out of 2 similar works of value more than 30% of PAC, at least 1 (One) work must be done by lead partner and 1 (One) work to be done by other partner,

OR

- iii. In case of one similar work of value more than 50% of PAC the lead partner must satisfy the criteria. However the other partner must satisfy the criteria in (i) above i.e. at least one work of 20% of PAC.

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 the uploaded) |
| 2 | Valid Registration of bidder in appropriate class through Centralized Registration of Govt. of MP | Registration No. _____ Date _____ (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 | |
| 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 certificate of the company shall have to be enclosed.*

Signature of Bidder with Seal
Date: _

Envelope - B, Technical Proposal

Technical Proposal shall comprise the following documents:

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

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 **5financial** 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 **5financial** years; or
- c) one similar work of aggregate cost not less than the amount equal to 50% of the probable amount of contract in anyone financial year during the last **5financial** years;

Clarification

- 1- In this regard it is clarified that the requirement in Annexure-C as well as in Annexure -I are generally for having completed similar work in last 5 financial years. However the bidders who have executed a part of the project during last 5 financial years, and that part covers all the major items of road construction and the value of such executed part is more than the qualified amount mentioned in Annexure-C and / or Annexure-I shall be considered.
- 2- It is clarified that the experience of constructing roads and bridges shall be considered as experience of similar works, irrespective of it being work of rigid or flexible pavement.
- 3- It is clarified that works completed/executed before last date of bid submission in the current financial year shall also be considered towards works experience requirement described in Annexure-C and Annexure-I-1 of the document. Therefore for this purpose the works completed/executed during current financial year up to last date of Bid submission shall be considered in this case last 5 financial year will be counted as current financial year and 4 years backwards.

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 | Date of Work Order | Date of Completion | Amount of Contract | Employer's Name and Address |
|-------------------------|--------------|--------------------|--------------------|--------------------|-----------------------------|
| I | II | III | IV | V | VI |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

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

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

B. Physical Requirement:

Execution of similar items of work in anyone financial year during the last **5 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 | Year - 4 | Year - 5 |
| 1 | Physical qualification required | | | | | |
| 2 | Earthwork | | | | | |
| 3 | Concrete work | | | | | |

- Note: 1. Certificate duly signed by the employer shall be enclosed for the actual quantity executed in anyone year during the last **5 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 not less than 50% of the probable amount of contract during the last **5 financial** years;

To be filled in by the contractor:

| Financial Year | Payments received for contracts in progress or completed |
|----------------|--|
| | |
| | |
| | |
| | |
| | |

Note:

- i. Annual turnover of construction should be certified by the Chartered Accountant.
- ii. Audited balance sheet including all related notes, and income statements for the above financial year to be enclosed.

Clarification:-

Provisional balance sheets for financial year shall be considered subject to authentication by the C.A.

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:

$$\text{Bid Capacity} = (1.5 A \times B) - C$$

Where

- A = Maximum value of civil engineering works executed in anyone year during The last **five** years (10% weightage per year shall be given to bring the value of work executed at present price level)
- B = Proposed contract period in years.
- C = Amount of work in hand at present.

List Of Technical Personnel For The Key Positions

| Minimum requirement | | | | | | Available with the bidder | | | | | | | |
|---------------------|--------------------------|---------|---------------|-----|-------------------------|---------------------------|--------|--------------|---------------------|---------------|-----|-------------------------|-----------------------|
| S. No. | Key Position | Minimum | Qualification | Age | Similar work experience | Total Work Experience | S. No. | Key Position | Minimum requirement | Qualification | Age | Similar work experience | Total Work Experience |
| 1 | Project Manager | | | | | | | | | | | | |
| 2 | Site Engineer | | | | | | | | | | | | |
| 3 | Plant Engineer | | | | | | | | | | | | |
| 4 | Quantity Surveyor | | | | | | | | | | | | |
| 5 | Soil & Material Engineer | | | | | | | | | | | | |
| 6 | Supervisor | | | | | | | | | | | | |
| 7 | | | | | | | | | | | | | |
| 8 | | | | | | | | | | | | | |

Note: It is clarified that the minimum requirement is a mandatory requirement and part of technical bid, but the pre qualification is not to be done on the basis of this criteria.

Annexure – I(Format : I-4)

(See Clouse-14 of Section 2 – ITB and clause 6 of GCC)

List Of Key Equipments/ Machines For Quality Control Labs

| Minimum requirement | | | Available with the bidder | | |
|---|---------------------------------|----------|---------------------------|---------------------------------|----------|
| S.No. | Name of Equipment/ Machinery | Quantity | S.No. | Name of Equipment/ Machinery | Quantity |
| Machinery and Equipment Required for Conducting Test as per MOST Specification V Revision | | | | | |
| | | | | | |
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DELETED

Note: It is clarified that the minimum requirement is a mandatory requirement and part of technical bid, but the pre qualification is not to be done on the basis of this criteria.

Annexure – I(Format : I-5)

(See Clause-14 of Section 2 – ITB)

List of Key Equipments Machines for Construction Work

| Minimum requirement | | | Available with the bidder | | |
|---------------------|---|----------|---------------------------|------------------------------|----------|
| S.No. | Name of Equipment/ Machinery | Quantity | S.No. | Name of Equipment/ Machinery | Quantity |
| 1 | Tipper Trucks | - | | | |
| 2 | Motor Grader | - | | | |
| 3 | Dozer | - | | | |
| 4 | Front end Loader | - | | | |
| 5 | Smooth Wheeled roller | - | | | |
| 6 | Vibratory Roller | - | | | |
| 7 | Hot mix plant with electronic control | - | | | |
| 8 | Paver finisher with electronic sensor | - | | | |
| 9 | Water tanker | - | | | |
| 10 | Bitumen Sprayer | - | | | |
| 11 | Tandem Roller | - | | | |
| 12 | Concrete mixer with Integral weigh Batching facility | - | | | |
| 13 | Slip Form Concrete paver capable of paving in required width of carriageway in one single pass including all appropriate accessories such as, integral vibratory system and electronic sensors ancillary equipment for applying curing compound, joint cutting etc. | - | | | |
| 14 | Concrete batching and mixing plant with automatic control (minimum 100 cum/hour) | - | | | |
| 15 | Pnumeticityre roller | - | | | |
| 16 | Batch Mixing plant with electronic controls (series minimum 100-120 TPH capacity as required) | - | | | |
| | Total | - | | | |

DELETED

....
Note. 1. The Bidder has to either provide evidence of owning the equipments or of having made lease arrangements for employing the required equipments as listed in the table above. Bidders can also give an undertaking that in case he is awarded the work, he shall make suitable arrangement for providing these equipments, prior to signing the agreement.

2. It is clarified that the minimum requirement is a mandatory requirement and part of technical bid, but the pre qualification motto be done on the basis of this criteria.

FINANCIAL BID
(To be Contained in Envelop-C)

NAME OF WORK: -

.....
...../
/

I/We hereby bid for the execution of the above work within the time specified at the rate@.....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 bid be accepted, I/We hereby agree to abide by and fulfill 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 Governor of Madhya Pradesh or his successors in office the sums of money mentioned in the said conditions. \

Note:

- i. *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.*
- j. *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 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.*
- k. *iii. In case the percentage "above" or "below" is not given by a bidder, his bid shall be treated as non-responsive. I*
- l. *iv. All duties, taxes, and other levies payable by the bidder shall be included in the percentage quoted by the bidder.*

Signature of Bidder
Name of Bidder

The above bid is hereby accepted by me on behalf of the Governor of Madhya Pradesh dated the.....day of 20

Signature of Officer by whom accepted

MATERIALS TO BE ISSUED BY THE DEPARTMENT

| S.no | Name of material | Rate (Issue rate) | Unit | Remarks |
|----------------------|------------------|-------------------|------|---------|
|NIL..... | | | | |

LETTER OF ACCEPTANCE

No. _____

Dated

To,

M/s..... _

(Name and address of the contractor)

Subject: _____

(Name of the work as appearing in the bid for the work)

-x0x-

Dear Sir (s),

Your bid for the work mentioned above has been accepted on behalf of the Governor of Madhya Pradesh at your bided percentagebelow/ 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:

- a. The performance security/ performance guarantee of Rs.(in figures) (Rupees.....inwordsonly). The performance security shall be in the shape of term deposit receiptbank 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 ofwork 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,
GDA GWALIOR**

BID SECURITY (BANK GUARANTEE)

WHEREAS _____(name of Bidder) (hereinafter called "the Bidder") has submitted his Bid dated _____ (date) for the construction of _____ [name of Contract hereinafter called "the Bid"]

KNOW ALL PEOPLE by these presents that we _____
(name of Bank) of _____[name of country] having our registered office at _____ (hereinafter called "the Bank") are bound unto _____(name of the Executive Engineer) in the sum of _____* for which payment well and truly to be made to the said name of the Executive Engineer the Bank itself, his successors and assigns by these presents.

SEALED with the Common Seal of the said Bank this _____ day of _____ 20__

THE CONDITIONS of this obligation are:

- (1) If after Bid opening the Bidder withdraws his bid during the period of Bid validity specified in the Form of Bid.

OR

- (2) If the Bidder having been notified to the acceptance of his bid by the name of the Executive Engineer during the period of Bid validity
- (a) fails or refuses to execute the Form of Agreement in accordance with the Instructions to Bidders, if required; or
- (b) fails or refused to furnish the Performance Security, in accordance with the Instructions to Bidders; or

We undertake to pay to the (name of the Executive Engineer) up to the above amount upon receipt of his first written demand, without the (name of the Executive Engineer) having to substantiate his demand, provided that in his demand of (name of the

Executive Engineer) will note that the amount claimed by him is due to him owing to the occurrence of one or any of the two conditions, specifying the occurred condition or conditions.

This Guarantee will remain in force up to and including the date 180** days after the deadline for submission of Bids as such deadline is stated in the Instructions to Bidders or as it may be extended by the (name of the Executive Engineer), notice of which extension(s) to the Bank is hereby waived. Any demand in respect of this guarantee should reach the Bank not later than the above date.

DATE _____

SIGNATURE _____

WITNESS _____

SEAL _____

(Signature, name and address)

* The Bidder should insert the amount of the guarantee in words and figures denominated in Indian Rupees. This figure should be the same as shown in Bid Data Sheet at reference 17.

** EMD should be valid for a period of Six Months or more.

PERFORMANCE SECURITY

To

..... [nameofEmployer]
..... [addressof Employer]

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

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

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

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you on behalf of the Contractor, up to a total of[amount of guarantee]*(in words), such sum being payable in the types and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of [Amount of guarantee]asaforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

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

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

This guarantee shall be valid until 3 (three) months from the date of expiry of the Defect Liability Period.

Signature, Name and Seal of the guarantor
Name of Bank
Address
Phone No., Fax No., E-mail Address, of Signing Authority
Date

- An amount shall be inserted by the Guarantor, representing the percentage the Contract Price specified in the Contract including additional security for unbalanced Bids, if any and denominated in Indian Rupees.

SECTION 3

Conditions of Contract Part – I General Conditions of Contract

Table of Clauses GCC

| Clause No | Particulars | Clause No | Particulars |
|-----------|--|-----------|---|
| | A. General | 21 | Payments for Variations and / or Extra Quantities |
| 1 | Definitions | 22 | No compensation for alterations in or restriction |
| 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 Works | 31 | Price Adjustment |
| 11 | Discoveries | 32 | Mobilization and Construction Machinery Advance |
| 12 | Dispute Resolution System | 33 | Secured Advance |
| | B. Time Control | 34 | Payments Certificates |
| 13 | Programme | | E. Finishing 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. Quality Control | 37 | Currencies |
| 17 | Tests | 38 | Labor |
| 18 | Correction of Defects noticed during the Defect Liability Period | 39 | Compliance with Labor Regulations |
| | D. Cost Control | 40 | Audit and Technical Examination |
| 19 | Variations - Change in original Specifications, Designs, Drawings etc. | 41 | Death or Permanent Invalidity of Contractor |
| 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.
- 1.3. Completion: means completion of the work as certified by the Engineer-in-Charge in accordance with provisions of agreement.
- 1.4. Contract: means the Contract between the Employer and the Contractor to execute, complete and/or maintain the work. Agreement is synonym of Contract and carries the same meaning wherever used.
- 1.5. Contract 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 drawing 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 for 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, Tender/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. Words indicating the singular also include the plural and vice versa.
- c. provisions including the word "agree", "agreed" or "agreement" require the agreement to be recorded in writing;
- d. written" or "in writing" means hand-written, type-written, printed or electronically made, and-resulting in a permanent record;

2.2 Documents Forming Part of Contract:

1. NIT with all amendments.
2. Instructions to Bidders (ITB, Bid Data Sheet with all Annexure)
3. Conditions of Contract:
 - i. Part I General Conditions of Contract and the Contract Data; with all Annexure
 - 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 documents), as specified.

3. Language and Law

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

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 Contractor's obligations.
- b. Following shall not form part of subcontracting:
 - i. Hiring of labour through a labour contractor.
 - ii. The purchase of Materials to be incorporated in the works.
 - iii. Hiring of plant & machinery
- c. The sub-contractor will have to be registered in the appropriate category in the centralized registration system for contractors of the Govt. of MP.

6. Personnel

6.1 The Contractor shall employ for the construction work and routine maintenance the technical personnel as provided in the Annexure 1-3 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, ionizing radiation or contamination by radio-activity, except as may be attributable to the Contractor's use of such munitions, explosives, radiation or radio-activity, and
 - (V) Natural catastrophes such as earthquake, hurricane, typhoon or volcanic activity.
- 7.2. In the event of either party being rendered unable by force majeure to perform any duty or discharge any responsibility arising out of the contract, the relative obligation of the party affected by such force majeure shall upon notification to the other party be suspended for the period during which force majeure event lasts. The cost and loss sustained by either party shall be borne by respective parties.
- 7.3 For the period of extension granted to the Contractor due to Force Majeure the price adjustment clause shall apply but the penalty clause shall not apply. It is clarified that this sub clause shall not give eligibility for price adjustment to contracts which are otherwise not subject to the benefit of price adjustment clause.
- 7.4 The time for performance of the relative obligation suspended by the force majeure shall stand extended by the period for which such cause lasts. Should the delay caused by force majeure exceed twelve months, the parties to the contract shall be at liberty to foreclose the contract after holding mutual discussions.

8. Contractor's Risks

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

8.2 All risks and consequences arising from the inaccuracies or falseness of the documents and/or information submitted by the contractor shall be the responsibility of the Contractor alone.

9. Liability for Accidents to Person

The contractor shall be deemed to have indemnified and saved harmless the Government 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 fulfillment 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 The contract is for completion of works and therefore non approval of EOT shall not in any way invalidate the contract. The contractor will have to complete the works.
- 14.2 In the event of delays attributable to the contractor, the EOT shall not be given by the Engineer-in-Charge and the Liquidated Damages shall be levied from the contractor in accordance with the provisions of the contract.
- 14.3 In the event, the delays are not attributable to the contractor the EOT may be issued by the Engineer-in-Charge without imposition of Liquidated Damages either suo-motuo or on a written request of the contractor.

It is clarified that out of the total delays in completion of works, the EOT shall be issued only for the part, which is not attributable to the contractor.

(Amended as per Govt. Order No. F-53-55-2018-19-Yo-1154 bhopal, dated 23-03-2018)

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 livable 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.

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 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.

18. Correction of Defects noticed during the Defect Liability Period

18.1 The Defect Liability Period of work in the contract shall be as per the Contract Data.

18.2 The Contractor shall promptly rectify all defects pointed out by the Engineer well before the end of the Defect Liability Period. The Defect Liability Period shall automatically stand extended until the defect is rectified.

18.3 If the Contractor has not corrected a Defect pertaining to the Defect Liability Period to the satisfaction of the Engineer, within the time specified by the Engineer, the Engineer will assess the cost of having the Defect corrected, and the cost of correction of the Defect shall be recovered from the Performance Security or any amount due or that may become due to the contractor and other available securities.

D. Cost Control

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

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

19.2 The time for the completion of the work shall be extended in the proportion that the altered, additional or substituted work bears to the original contract work and the certificate of the Employer shall be conclusive as to such proportion.

20. Extra items

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

21. Payments for Variations and / or Extra Quantities

21.1 The rates for such additional (Extra quantity), altered or substituted work / extra items under this clause shall be worked out in accordance with the following provisions in their respective order:-

- a. The contractor is bound to carry out the additional (Extra quantity), work at the same rates as are specified in the contract for the work.
- b. If the item is not in the priced BOO 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 BOO) 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 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 quoted by the Contractor shall be deemed to be inclusive of the commercial tax and other levies, duties, cases, toll, taxes of Central and State Governments, local bodies and authorities.

25.2 The liability, if any, on account of quarry fees, royalties, octopi and any other taxes and duties in respect of materials actually consumed 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 fails to comply with the notice to correct a particular defect within a reasonable period of time;
 - d. the Contractor does not maintain a valid instrument of financial security as prescribed;
 - e. the Contractor has delayed the completion of the Works by such duration for which the maximum amount of liquidated damages is recoverable;
 - f. If the Contractor fails to deploy machinery and equipment or personnel or set up a field laboratory as specified in the Contract Data;
 - g. If the contractor, in the judgment of the Engineer in charge has engaged in corrupt or fraudulent practices in competing for or in executing the contract;
 - h. Any other fundamental breaches as specified in the Contract Data.
- 27.3 In any of these events or circumstances, the Engineer in Charge may, upon giving 14 days' notice to the Contractor, terminate the Contract and expel the Contractor from the Site. However, in the case of sub-paragraph (b) or (g) of clause 27.2, the Engineer in Charge may terminate the Contract immediately.
- 27.4 Notwithstanding the above, the Engineer-in-Charge may terminate the Contract for convenience by giving notice to the Contractor

28. Payment upon Termination

28.1 If the contract is terminated under clause 27.3, the Engineer shall issue a certificate for The value of the work done less Advance Payments received up to the date of issue of the certificate, less other recoveries due in terms of the contract, less taxes due to be deducted at source as per applicable law and less the percentage to apply to the work not completed as indicated in the contract Data.

(As per Amended vide Govt. memo No.F-53/ 16/2012/19/Y/6842 dt. 2.11.15)

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 Defect Liability Period.

30.3 **The Security deposits shall be refunded of completion of defect liability period. The additional performance security shall be refunded on satisfactory completion of the work.**

(As per Amended vide Govt. memo No.F-53/ 16/2012/19/yo/1317 dt. 28.02.15)

31. Price Adjustment

31.1 Contract price shall be adjusted for increase or decrease in rates and price of labour, materials, fuels and lubricants in accordance with following principles and procedures and as per formula given in the contract data.

(a) The price adjustment shall apply for the work done from the start date given in the contract data upto the end of the initial intended completion date or extensions granted by the Engineer and shall not apply to the work carried out beyond the stipulated time for reasons attributable to the contractor.

(b) The price adjustable shall be determined during each month from the formula given in the contract data.

(c) Following expression and meaning are assigned to the work done during each month:

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

(Amended as per Govt. Order No. F-53-55-2018-19-Yo-1154 bhopal, dated 23-03-2018)

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

(Amended as per Govt. Order No. F-53-55-2018-19-Yo-1154 bhopal, dated 23-03-2018)

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 deducting proportionate amounts from payment otherwise due to the Contractor. No account shall be taken of the advance payment or its recovery in assessing valuations of work done, variations, price adjustments, compensation events, or liquidated damages.

33. Secured Advance

33.1 Payment of Secured Advance shall be applicable if provided in the Contract

Data.

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

34. Payment Certificates

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

- (a) The Contractor shall submit to the Engineer monthly statements of the value of the work executed less the cumulative amount certified previously, supported with detailed measurement of the items of work executed.
- (b) The Engineer shall check the Contractor's monthly statement and certify the amount to be paid to the Contractor.

- (c) The value of work executed shall be determined, based on the measurements approved by the Engineer/ Engineer-in-charge.
- (d) The value of work executed shall comprise the value of the quantities of the items in the Bill of Quantities completed.
- (e) The value of work executed shall also include the valuation of Variations and Compensation Events.
- (f) All payments shall be adjusted for deductions for advance payment, security deposit, other recoveries in terms of contract and taxes at source as applicable under the law.
- (g) The Engineer may exclude any item certified in a previous certificate or reduce the proportion of any item previously certified in any certificate in the light of later information.
- (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 thenumbersof the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Engineer may require.

39. Compliance with Labour Regulations

39.1. During continuance of the Contract, the Contractor and his sub-Contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. Salient features of some of the major labour laws that are applicable to construction industry are given in the Contract Data. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made their under, regulations or notifications including amendments . . If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for 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 sum is found to have been overpaid in respect of any work done by the contractor under the contract or any work claimed by him to have been done under the contract and found not to, have been executed, the Contractor shall be liable to refund the amount of overpayment and it shall be lawful for 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 Sheet

A.

| GCC Clause | Particulars | Data |
|------------|--|--|
| 1.14 | Employer | EXECUTIVE ENGINEER GDA GWALIOR |
| 1.15 | Engineer | EXECUTIVE ENGINEER GDA GWALIOR |
| 1.16 | Engineer in Charge | EXECUTIVE ENGINEER GDA GWALIOR |
| 1.22 | Stipulated Period of Completion | <i>TILL</i> (period is always excluding rainy season, unless mentioned otherwise) |
| 3 | Language & Law of Contract | English & Indian Contract Act 1872 |
| 4 | Address & contact details of the Contractor | As per 'Annexure-H' |
| | Address & contact details of the Employer/ Engineer – phone, Fax, e-mail. | EXECUTIVE ENGINEER GDA GWALIOR |
| 5 | Subcontracting permitted for the Contract Value | More than Rs. FiveCrores. |
| 6 | Technical Personnel to be provided by the contractor | As per 'Annexure-I' (Format I-3) |
| | Penalty, if required Technical Personnel not employed | Rs thirty thousand per month for each Graduate Engineer and Rs eighteen thousand per month for each Diploma Engineer/ITI Surveyor |
| 10 | Specifications | As per 'Annexure - E' |
| | Drawings | As per 'Annexure - N' |
| 12 | Competent Authority for deciding dispute under Dispute Resolution System | S.E. GDAGWALIOR |
| | Appellate Authority for deciding dispute under Dispute Resolution System | C.E.O.GDA GWALIOR |
| 13 | Period for submission of updated construction program | (a) Every 3 months or (b) at the end of every milestone, whichever is less |
| | Amount to be withheld for not submitting construction program in the prescribed period | @ 1 % (one) percent of contract amount, subject to a maximum of Rs. 50,000/-. |
| 14 | Competent Authority for granting Time Extension | As per <i>(Amended as per Govt. Order No. F-53-55-2018-19-Yo-1154 bhopal, dated 23-03-2018)</i> |

| GCC Clause | Particulars | | Data |
|------------|---|--|--|
| 15 | Milestones laid down for the contract | | YES |
| | If Yes, details of Milestones | | As per 'Annexure - O' or as below, if not mentioned in Annexure -O: Mile Stone 1:- 1/8th of the whole work before 1/4th of the whole time allowed has elapsed, Mile Stone 2:- 3/8th of the whole work before 1/2th of the whole time allowed has elapsed Mile Stone 3:- 3/4th of the whole work before 3/4th of the whole time allowed has elapsed Mile Stone 4:- complete work within the stipulated time |
| | Liquidated damage | | As per 'Annexure - P' |
| 17 | List of equipment for lab | | As per 'Annexure - Q' |
| | Time to establish lab | | 30 days from date of signing of the Agreement |
| | Penalty for not establishing field Laboratory | | 1% of Contract Amount per month, subject to a maximum of Rs. 50,000/- per month of delay |
| 18 | Defect Liability Period | | As below: (A) For Road work:- (i) For New Road (Bituminous) Construction along with granular crust (including strengthening): - 5 years ; (ii) For New Road (Concrete) Construction (including strengthening): - 5 years ; (iii) For Renewal with BT layer equal to or less than 30 mm thickness: - 3 Years ; (iv) For Renewal with BT layer more than 30 mm thickness : 5 years (B) For Bridge works - 3 Years to execute, complete and maintain works in accordance with agreement and special conditions of contract (SCC) after issuance of physical completion certificate as per “Annexure-U” (C) For Building works - 3 Years (D) For Road Maintenance – 1 Years (The work of strengthening and renewal shall not be treated as road maintenance work) (E) For Building Maintenance Works – 1 Years (Except for water proofing works and the works in which specific guarantee period is mentioned). |

| GCC Clause | Particulars | | Data |
|------------|--|--|--|
| | | | <p>(F) For external ELCTRIFICATION WORK FOR 5 YEARS</p> <p>Note: In accordance with clause 18 the defect observed in the works during the Defect Liability Period shall be intimated by the Engineer-in-Charge to the contractor and the contractor shall rectify the defects promptly. In case the defects are not removed in reasonable time, the same can be got done by the Engineer-in-Charge by way of-</p> <p>(a) deploying departmental labour and material or</p> <p>(b) engaging a contractor by issuing a work order at contract rate/SOR rate or</p> <p>(c) sanctioning supplementary work in a existing agreement to a contractor for zonal works or other similar work or</p> <p>(d) inviting open tender or</p> <p>(e) combination of above</p> <p>The Engineer-in-Charge shall assess the cost of such rectification which shall be recoverable from the contractor from his Performance Security or any amount due or that may become due to him and from other available securities. If this amount is not sufficient to meet the expenses incurred on rectification, the balance amount may be recovered as Land Revenue Arrears as per MPLRC</p> <p>(Amended vide Govt. memo No. 1400/1246/2018/19/Yo Bhopal dt. 06-04-18)</p> |
| 21 | Competent Authority for determining the rate | | S.E. GDAGWALIOR |
| 27 | Any other condition for breach of contract | | <p>Yes as below:</p> <p>If the contractor fails to achieve 50% financial progress in any milestone and /or fails to achieve 75% financial progress in two consecutive mile stones</p> |
| 28 | Penalty | | <p>(a) Penalty shall include forfeiture of Security deposit as per clause 30 of General Conditions of Contract and the percentage to apply to the value of work not completed representing the Employers additional cost for completing the works which shall be 20 percent and</p> <p>(b) Liquidated Damages imposed as per clause 15 or Performance Security (Guarantee) including Additional Performance Security (Guarantee), if any, as per clause 29 of</p> |

| GCC Clause | Particulars | | Data |
|------------|--|--|---|
| | | | <p>General Conditions of Contract, whichever is higher (Amended vide Govt. memo No.F-53/16/2012/19/;ks/6842 dt. 2.11.15)</p> |
| 29 | Performance guarantee (Security) shall be valid up to | | <p>The upfront Bank Guarantee against Performance Security shall be taken for a period as mentioned below –</p> <p>(a) Works having Performance Guarantee of 5 Years- Construction Period + 3 Years + 3 Months.</p> <p>(b) Works having Performance Guarantee of 3 Years- Construction Period + 2 Years + 3 Months.</p> <p>(c) Works having Performance Guarantee of 1 Years- Construction Period + 1 Years + 3 Months.</p> <p>It is clarified that in case the construction period of the work is extended beyond the stipulated completion period, the Bank Guarantee against PG shall have to be got extended by the contractor for the relevant period so as to satisfy the validity criteria mentioned above.</p> <p>(Amended vide Govt. memo No. 1400/1246/2018/19/Yo Bhopal dt. 06-04-18)</p> |
| 30 | 30.1) Security Deposit to be deducted from each running bill | | At the rate of 5% of Gross Amount of Running Bill |
| | 30.2) Maximum limit of deduction of Security Deposit | | Up to 5% of the Final Contract Amount. |
| | 30.3) Refund of Security Deposit | | <p>The total Security Deposit deducted from the running bills shall be refunded (equivalent BG released) only after the completion of the Performance Guarantee Period/Extended Performance Guarantee period, if any</p> <p>(Amended vide Govt. memo No. 1400/1246/2018/19/Yo Bhopal dt. 06-04-18)</p> |
| 31 | Clause 31 Price adjustment shall be applicable | | <p>As per Annexure R and as below:</p> <p>(a) The price Adjustment shall apply only in respect of Labour, Cement, Steel, Bitumen , Plant & Machinery Spares, POL and Other Materials components.</p> |

| GCC Clause | Particulars | | Data | | | |
|--|--|-----------|--|-----------------------------|--------------|--|
| | | | (b) Price Adjustment shall be applicable only in case of Probable Amount of Contract (PAC) in NIT is more than Rs ten Cr. This clause shall not have any bearing with the Contract Amount. | | | |
| | Clause 31 Weight ages of Component in the work <i>(Amended As per vide Govt. Order No. F-53-55-2018-19-Yo-1314 bhopal dated 28-3-2018)</i> | Component | Percentage of Component in the work | | | |
| B.T. Road Construction | | | B.T. Renewal | Rigid Pavement Construction | Bridge Works | |
| Labour component -P ₁ | | 10% | 10% | 10% | 20% | |
| Cement component -P _c | | 5% | 0% | 23% | 15% | |
| Steel component -P _s | | 5% | 0% | 12% | 20% | |
| Bitumen component -P _b | | 20% | 30% | 0% | 0% | |
| POL component -P _f | | 10% | 10% | 10% | 10% | |
| Plant & Machinery Spares component -P _p | | 5% | 5% | 5% | 5% | |
| Other Materials component -P _m | | 45% | 45% | 40% | 30% | |
| 32 | Clause 32.1 Mobilization and Construction Machinery Advance Applicable | | No Mobilization and Construction Machinery Advance Payable | | | |
| | Clause 32.2 If yes, Unconditional Bank Guarantee | | Not Applicable | | | |
| | Clause 32.3 If yes, Rate of interest chargeable on advances | | Not Applicable | | | |
| | Clause 32.4 If yes, Type & Amount of Advance payment that can be paid | | Not Applicable | | | |
| | Clause 32.5 If yes, Recovery of advance payment | | Not Applicable | | | |
| 33 | Clause 33.1 Secured Advance Applicable | | Not Applicable | | | |
| | Clause 33.2 if yes, Unconditional Bank Guarantee | | Not Applicable | | | |
| | Clause 33.2 if yes, Amount of Secured Advance | | Not Applicable | | | |
| | Clause 33.3 if yes, Conditions for secured advance | | Not Applicable | | | |

| GCC Clause | Particulars | | Data |
|-------------------|--|--|-----------------------|
| | Clause 33.4 if yes, Recovery of Secured advance | | Not Applicable |
| 35 | Completion Certificate – after physical completion of the Work | | As per 'Annexure - U' |
| | Final Completion Certificate – after final payment on completion of the Work | | As per 'Annexure- V' |
| 36 | Competent Authority | | S.E. GDAGWALIOR |
| 39 | Salient features of some of the major labour laws that are applicable | | As per 'Annexure-W' |
| 41 | Competent Authority | | C.E.O.GDA GWALIOR |

DRAWING

List of Drawing ;-

Annexure – O

(See Clause-15 of Section 3 – GCC)

DETAILS OF MILESTONES

.....NA.....

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 **SUPERINTENDENT ENGINEER** shall be final and binding upon both the parties

LIST OF EQUIPMENT FOR QUALITY CONTROL AB

As per Format I-4

Annexure- R
PRICE ADJUSTMENT

[Cl. 31 of Section 3- GCC]

The formula for adjustment of prices are :

$R =$ Value of work as defined in Clause 31.1 of Conditions of Contract

Adjustment for Labour Component

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

$V_L = 0.85 \times P_1 / 100 \times R (L_i - L_o) / L_o$
 $V_L =$ increase or decrease in the cost of work during the month under consideration due to changes in rates for local Labour.

$L_o =$ the consumer price index for industrial workers for the State on 28 days preceding the date of opening of Technical Bids as published by Labour Bureau, Ministry of Labour, Government of India.

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

$P_1 =$ Percentage of Labour component of the work.

Adjustment for Cement Component

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

$V_c = 0.85 \times P_c / 100 \times R \times (C_1 - C_0) / C_0$
 $V_c =$ increase or decrease in the cost of work during the month under Consideration due to changes in rates for cement.

$C_o =$ The all India wholesale price index for Pozzolana Cement on 28 days preceding the date of opening of Technical Bids, as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.

$C_1 =$ The all India average wholesale price index for cement for the month under consideration as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.

$P_c =$ Percentage of cement component of the work

Adjustment of Steel Component

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

$V_s = 0.85 \times P_s \times R / 100 \times R \times (S_1 - S_0) / S_0$
 $V_s =$ Increase or decrease in the cost of work during the month under consideration due to changes in the rates for steel.

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

$S_i =$ The all India average wholesale price index for mild steel long products / flats for the month under consideration as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.

$P_s =$ Percentage of steel component of the work.

Note: For the application of this clause, index of mild steel long products / flats has been Chosen to represent steel group. In any work only one of the indices i.e. either for

long products or for flats shall be used as decided by the Employer/ Executing Agency.

Adjustment of Bitumen Component

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

$$V_b = 0.85 \times P_b / 100 \times R \times (B_i - B_o) / B_o$$

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

B_o = The official retail price of bitumen at the IOC depot nearest to the work site on the day 28 days prior to the date of opening of Technical Bids.

B_i = The official retail price of bitumen at the IOC depot nearest to the work site for the 15th day of the month under consideration.

P_b = Percentage of bitumen component of the work.

Adjustment of POL (Fuel and Lubricant) Component

(V) Price adjustment for increase or decrease in cost of POL (Fuel and Lubricant) shall be paid in accordance with the following formula:

$$V_f = 0.85 \times P_f / 100 \times R \times (F_i - F_o) / F_o$$

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

F_o = The official retail price of High Speed Diesel (HSD) at the existing consumer pumps of IOC nearest to the work site on the day 28 days prior to the date of opening of Technical Bids.

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

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

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

Adjustment for Plant and Machinery Spares component

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

$$V_p = 0.85 \times P_p / 100 \times R \times (P_i - P_o) / P_o$$

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

P_o = The all India wholesale price index for manufacturer of machines for mining / quarrying and construction on 28 days preceding the date of opening of Technical Bids, as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.

P_i = The all India wholesale price index for manufacturer of machines for mining / quarrying and construction for the month under consideration as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.

P_p = Percentage of plant and machinery spares component of the work.

Note : For the application of this clause, index of manufacturer of machines for mining / quarrying and construction has been chosen to represent the Plant and Machinery Spares group.

Adjustment of Other Materials Component.

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

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

- V_m = Increase or decrease in the cost of work during the month under consideration due to changes in rates for local materials other than cement, Steel, Bitumen and POL.
- M_o = The all India wholesale price index (all commodities) on 28 days preceding the date of opening of Technical Bids, as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.
- M_i = The all India wholesale price index(all commodities) for the month under consideration as published by the Economic Advisor, DIPP, Ministry of Commerce & Industry Government of India, New Delhi.
- P_m = Percentage of local material component (other than Cement, Steel, Bitumen and POL) of the work. Plant and Machinery spares component of the work.
- (Amended As per vide Govt. Order No. F-53-55-2018-19-Yo-1154 bhopal dated 23-3-2018)**

The following percentages will govern the price adjustment for the entire contract:

| S.No. | Component | Nature of Work | | | |
|-------|--|------------------------|--------------|-----------------------------|--------------|
| | | B.T. Road Construction | B.T. Renewal | Rigid Pavement Construction | Bridge Works |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1 | Labour component- P_1 | 10% | 10% | 10% | 20% |
| 2 | Cement component - P_c | 5% | 0% | 23% | 15% |
| 3 | Steel component - P_s | 5% | 0% | 12% | 20% |
| 4 | Bitumen component- P_b | 20% | 30% | 0% | 0% |
| 5 | POL component - P_f | 10% | 10% | 10% | 10% |
| 6 | Plant & Machinery Spares component - P_p | 5% | 5% | 5% | 5% |
| 7 | Other Materials component- P_m | 45% | 45% | 40% | 30% |

Note: Ordinarily the 7 components shown above are components of the civil works. However for specific works in which some components not included in the aforementioned 7 components, form a substantial part of the works the same can be provided using similar formula and related indices. In all cases the sum total of percentage of different components shall be 100%.

(Amended As per vide Govt. Order No. F-53-55-2018-19-Yo-1314 bhopal dated 28-3-2018)

Bank Guarantee Form for Mobilization and Construction Machinery Advance

To,

_____ [name of Employer]
_____ [address of Employer]
_____ [name of Contractor]

In accordance with the provisions of the General Conditions of Contract, clause 31 ("Mobilization and Construction Machinery Advance") of the above-mentioned Contract _____ [name and address of Contractor] (hereinafter called "the Contractor") shall deposit with _____ [name of Employer] a bank guarantee to guarantee his proper and faithful performance under the said Clause of the Contract in an amount of _____ [amount of Guarantee] _____ [in words).

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 thereunder 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.

Bank Guarantee Form for Secured Advance

INDENTURE FOR SECURED ADVANCES

This indenture made the _____ day of _____ 20_ BETWEEN _____
(hereinafter called the contractor which expression shall where the context so admits or implies be deemed to include his executors, administrators and assigns) or the one part and the Employer of the other part.

Whereas by an agreement dated (hereinafter called the said agreement) the contractor has agreed.

AND WHEREAS the contractor has applied to the Employer that he may be allowed advanced on the security of materials absolutely belonging to him and brought by him to the site of the works the subject of the said agreement for use in the construction of such of the works as he has undertaken to executive at rates fixed for the finished work (inclusive of the cost of materials and labour and other charges)

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 which are detailed in Accounts of Secured Advance attached to the Running account Bill for the said works signed by the Contractor on and the Employer has reserved to himself the option of making any further advance or advances on the security of other materials brought by the Contractor to the site of the said works.

Now THIS INDENTURE WITNESSETH that in pursuance of the said agreement and in consideration of the sum of Rupees _____ on or before the execution of these presents paid to the Contractor by the Employer (the receipt where of the Contractor doth hereby acknowledge) and of such further advances (if any) as may be made to him as a for said the Contractor doth hereby covenant and agree with the President and declare as follows: That the said sum of Rupees _____ so advanced 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 detailed 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 property 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 been 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 Contractor 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 be re-payable by the Contractor to be the Employer together with interest thereon at twelve percent per annum from the date or respective dates of such advance or advances to the date of repayment and with all costs, charges, damages and expenses incurred by the Employer in or for the recovery thereof or the enforcement of this security or otherwise by reason of the default of the Contractor and the Contractor hereby covenants and agrees with the Employer to repay 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 payable to the Employer under these presents and pay over the surplus (if any) to the Contractor.
- (c) Deduct all or any part of the moneys owing out of the security deposit or any sum due to the Contractor under the said agreement.
- (9) That except in the event of such default on the part of the contractor as aforesaid interest on the said advance shall not be payable.
- (10) That in the event of any conflict between the provisions of these presents and the said agreement the provisions of these presents shall prevail and in the event of any dispute or difference arising over the construction or effect of these presents the settlement of which has not been here-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.

Physical Completion Certificate

Name of Work:

.....
.....
.....

Agreement No : Date

Amount of Contract Rs.....

Name of Agency:

Used M B No.....

Last measurement recorded

- a. Page No.& MB No.
- b. Date

Certified that the above mentioned work was physically completed on (date) and taken over on (date) and that I have satisfied myself to best of my ability that the work has been done properly.

Date of issue

**Executive Engineer,
GDA GWALIOR**

(See clause 35 of Section 3 -GCC)

Final Completion Certificate

Name of Work:

.....
.....
.....

Agreement No : Date

Amount of Contract Rs.....

Name of Agency:

Used M B No.....

Last measurement recorded

- a. Page No.& MB No.
- b. Date

Certified that the above mentioned work was physically completed on (date) and taken over on (date)

Agreement amount Rs.....

Final Amount paid to contractor Rs.....

Incumbency of officers for the work

I have satisfied myself to best of my ability that the work has been done properly.

Date of issue

Executive Engineer,
GDA GWALIOR

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.

- i) Payment of Bonus Act 1965: - The Act is applicable to all establishments employing prescribed minimum (say, 20) or more workmen. The Act provides for payments of annual bonus within the prescribed range of percentage of wages to employees drawing up to the prescribed amount of wages, calculated in the prescribed manner. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. States may have different number of employment size.
- j) Industrial Disputes Act 1947: - The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or Closing down the establishment.
- k) Industrial Employment (Standing Orders) Act 1946: - It is applicable to all establishments employing prescribed minimum (say, LOA, 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.
- l) 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, JAIL AROGYASHALA-Aid, Travelling expenses from home up to the establishment and back etc.
- o) The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996: - All the establishments who carry on any building or other construction work and employs the prescribed minimum (say, 10) or more workers are, covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be modified by the Government. The Employer of the establishment is required to provide safety measures at the building or construction work and other welfare measures, such as canteens, first-aid facilities, ambulance, housing accommodations for workers near the work place etc. The Employer to whom the Act applies has to obtain a registration certificate from the Registering Officer appointed by the Government.

- p) **Factories Act 1948:** - The Act lays down the procedure for approval of plans before setting up a factory, health and safety provisions, welfare provisions, working hours, annual earned leave and rendering information regarding accidents or dangerous occurrences to designated authorities. It is applicable to premises employing the prescribed minimum (say, 10) persons or more with aid of power or another prescribed minimum (say, 20) or more persons without the aid of power engaged in manufacturing process.

SECTION 3

Conditions of Contract

Part - II Special Conditions of Contract [SCC]

- 1) All concrete pavement work is required to be done using
 - a) Slip form paver equipped with electronic sensor
 - b) Fully computerized RMC plant of adequate capacity
 - c) Mechanical arrangement for texturing
- 2) The firm shall have to make adequate arrangement for proper regulation of traffic so that no traffic plies on freshly laid PQC at least for 15 days and shall make adequate arrangement for uninterrupted movement of traffic during the progress of work for which no extra shall be payable.
- 3) The list of key equipments and key personnel provided in the document is indicative. However, the firm shall provide additional man power and machineries to complete the work in stipulated time frame in accordance with relevant specifications.

SECTION 4

BILL OF QUANTITIES (BOQ)

General Description of work:

Probable Amount of Contract:

(Rs. In Figure)LACS

(Rs. In Words) **NINETEEN LACSFIFTYTHOUSANDS RUPEES Only**

| S. No. | Particulars of Item of Work | Quantity | Unit | Rate | Amount (in figure) | Amount (in words) | Remarks |
|---------------------------------|------------------------------|----------|------|------|--------------------|-------------------|---------|
| I | II | III | IV | V | VI | VII | VIII |
| As Per Schedule Attached | | | | | | | |
| | | | | | | | |
| | ~ | | | | | | |
| | Total Amount (Rs. In Figure) | | | | | | |

Total Amount(Rs.In Words)

—

**Executive Engineer,
GDA GWALIOR**

SECTION 5
AGREEMENT FORM
AGREEMENT

This agreement, made on thebetween **Executive EngineerGDA.**
-(name and address of Employer) (hereinafter called " the Employer) and (name and address
of contractor) hereinafter called "the Contractor" of the other part.

Whereas the Employer is desirous that the.....
.....(name and identification number of Contract) (hereinafter called "the
Works") and the ,Employer has accepted the Bid by the Contractor for the execution and completion of
such Works and the remedying of any defects therein, at a cost of **Rs.....**

NOW THIS AGREEMENT WITNESSED as follows:

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

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

The Common Seal of _____ was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____
_____ in the presence of:

**Executive Engineer,
GDA GWALIOR**

Binding Signature of Contractor



मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

क्रमांक-एफ-53/02/2011/यो/19/524

भोपाल, दिनांक 14/02/2025

//आदेश//

मध्यप्रदेश शासन, लोक निर्माण विभाग द्वारा जारी आदेश क्रमांक-एफ-53/02/2011/यो/19/2022 भोपाल, दिनांक 10 अगस्त 2022 में अतिरिक्त परफॉरमेंस गारंटी की राशि की गणना के लिए उल्लेखित गणितीय विधा के विन्दु क्रमांक 3(अ) एवं 3(ब) में निम्नानुसार संशोधन उपरांत प्रतिस्थापित किया जाता है:-

- 3.1 निविदा में 10 प्रतिशत कम दर प्राप्त होने पर कोई अतिरिक्त परफॉरमेंस गारंटी की राशि नहीं लिया जाना है।
- 3.2 निविदा में 10 से 20 प्रतिशत तक कम दर आने पर निविदा दर 10 प्रतिशत से बढ़कर जितने प्रतिशत कम होगी PAC राशि का उतना प्रतिशत अतिरिक्त परफॉरमेंस गारंटी की राशि निम्नानुसार होगी:-

उदाहरण- यदि निविदा की अनुमानित लागत (PAC) Rs. 100.00 लाख है, तथा सफलतन निविदाकार की दर 14 प्रतिशत Below SOR हो तो अतिरिक्त परफॉरमेंस गारंटी की गणना निम्नानुसार होगी:-

एफ.डी.आर. के रूप में प्रस्तुत की जाने वाली अतिरिक्त परफॉरमेंस गारंटी की राशि:-

Probable Amount of Contract (PAC) X Rates Below SOR Beyond 10% = 100 (14%-10%) = Rs. 4.00 लाख

- 3.3 निविदा में 20 प्रतिशत से अधिक कम दर (RATES BELOW SOR BEYOND 20%) आने पर निविदा दर आने पर गणना निम्नानुसार होगी:-

उदाहरण- यदि निविदा की अनुमानित लागत (PAC) Rs. 100.00 लाख है तथा, सफलतन निविदाकार की दर 24 प्रतिशत Below SOR हो तो अतिरिक्त परफॉरमेंस गारंटी की गणना निम्नानुसार होगी:-

एफ.डी.आर. के रूप में प्रस्तुत की जाने वाली अतिरिक्त परफॉरमेंस गारंटी की राशि:- A+B

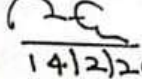
- A. Probable Amount of Contract X Rates Below SOR Beyond 10% upto 20% = 100x1x(10%) = Rs. 10.00 लाख

- B. Probable Amount of Contract X Rates Below SOR Beyond 20% = 100x2x(4%) = Rs. 8.00 लाख

अर्थात कुल अतिरिक्त परफॉरमेंस गारंटी की राशि- (A+B) = Rs. 18.00 लाख

/2/

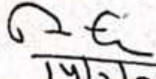
- 3.4 ऐसे अनुबंध में जिनमें 10 प्रतिशत कम दर की सीमा से अधिक कम दरों पर अनुबंध निष्पादित किये जाने उन अनुबंधित कार्यों के पूर्ण होने के उपरांत उनके अंतिम देयको का भुगतान संबंधित अधीक्षण यंत्री के निरीक्षण उपरांत संतोषजनक पाये जाने पर तदानुसार अधीक्षण यंत्री द्वारा अनुमति प्रदान किये जाने के पश्चात ही किए जावे।
- 3.5 उपरोक्त के अतिरिक्त कार्य स्थल पर स्थापित बैच मिक्स प्लांट, रेडीमिक्स कांकीट (RMC) प्लांट का अधीक्षण यंत्री के द्वारा निरीक्षण किये जाने के उपरांत ही कार्य प्रारंभ किया जावे।
- 3.6 राशि रूपये 2.00 से 10.00 करोड़ तक के कार्यों के लिये स्थल पर स्थापित लेबोरेट्री का निरीक्षण अधीक्षण यंत्री के द्वारा तथा राशि रूपये 10.00 करोड़ से अधिक के कार्यों के लिये स्थापित लेबोरेट्री का निरीक्षण मुख्य अभियंता द्वारा किये जाने के उपरांत ही कार्य प्रारंभ किया जावे।
- अतिरिक्त परफॉरमेंस गारंटी की एफ.डी.आर. कार्यपूर्णता के उपरांत ही विमुक्त की जा सकेगी।


14/2/25
(ए. आर. सिंह)
उप सचिव

म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक 14/02/2025

पू. क्रमांक-एफ-53/02/2011/यो/19/525
प्रतिलिपि:-

1. प्रमुख अभियंता, (सड़क/पुल) लोक निर्माण विभाग भोपाल।
 2. प्रबंध संचालक, म.प्र. सड़क विकास निगम भोपाल।
 3. प्रमुख अभियंता (भवन) लोक निर्माण विभाग भोपाल।
 4. प्रबंध संचालक, म.प्र. भवन विकास निगम भोपाल।
 5. विशेष सहायक, माननीय मंत्री जी लोक निर्माण विभाग भोपाल।
 6. समस्त मुख्य अभियंता, (सड़क/पुल) लोक निर्माण विभाग।
 7. समस्त मुख्य अभियंता, (भवन) लोक निर्माण विभाग।
 8. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग मध्य प्रदेश।
 9. समस्त कार्यपालन यंत्री लोक निर्माण विभाग मध्य प्रदेश।
 10. कार्यपालन यंत्री, (भवन) लोक निर्माण विभाग मध्य प्रदेश।
- की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित।


14/2/25
उप सचिव

म0प्र0 शासन, लोक निर्माण विभाग

कार्यालय कलेक्टर (योजना एवं सांख्यिकी) ग्वालियर, म.प्र.

(Email-dsogwa@mp.gov.in, idplangwa@gmail.com)

दूरभाष 2446219)

विधानसभा निर्वाचन क्षेत्र विकास योजना के अंतर्गत

प्रशासकीय एवं वित्तीय स्वीकृति आदेश

क्रमांक : 1242/जि.यो.सां./वि.नि./2025

ग्वालियर दिनांक 09/03/2025

मध्य प्रदेश शासन योजना आर्थिक एवं सांख्यिकी विभाग, मंत्रालय भोपाल द्वारा विधानसभा निर्वाचन क्षेत्र विकास योजना की मार्गदर्शिका (अद्यतन दिनांक 29 जनवरी 2013) तथा विभाग द्वारा समय-समय पर जारी संशोधित नियमों के द्वारा प्रदत्त शक्तियों का उपयोग करते हुए माननीय विधायक महोदय से प्राप्त अनुशंसा प्रस्ताव के अनुसार निम्न तालिका में दी गई तकनीकी स्वीकृति के आधार पर निम्नांकित कार्यों के लिए उनके विवरण में दर्शायी गई राशि की प्रशासकीय एवं वित्तीय स्वीकृति प्रदान की जाती है।

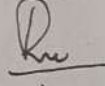
वर्ष 2024-25

| | | | | |
|---|---|----------------------------|------------------------------|----------------------|
| 1-विधानसभा क्षेत्र | 15-ग्वालियर | 2-माननीय विधायक | श्री प्रद्युम्नसिंह तोमर जी | |
| 3-अनुशंसा क्रमांक |/.03.25 | 4-क्षेत्र का विवरण | विधानसभा क्षेत्र 15 ग्वालियर | |
| 5-वर्क आई.डी. | | | | |
| 6-प्रस्तावित कार्य का विवरण | तोरण द्वार एवं सी.सी रोड निर्माण कार्य कोटेश्वर के सामने सिध्याचल मंदिर के पास नगर निगम ग्वालियर। | | | |
| 7-तकनीकी स्वीकृति/प्रस्ताव का क्र. एवं दिनांक | 49/21.03.2025 | | | |
| 8-प्रशासकीय स्वीकृति की राशि | 1718996 | 9-प्रथम किश्त की राशि | 1718996 | |
| 10-क्रियान्वयन एजेंसी | मुख्य कार्यपालन अधिकारी, ग्वा वि 0 प्राधि 0 ग्वालियर | | | |
| 11-स्वीकृति दिनांक | जारी | 12-अपेक्षित पूर्णता दिनांक | 03/2025 | 13-अवधि दिनों में 60 |

उपरोक्त स्वीकृत राशि का व्यय मांग संख्या 60, लेखा शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय, सेगमेंट 0101-सामान्य, मध्यप्रदेश विधान सभा निर्वाचन क्षेत्र विकास योजना-(8284), 64 वृहद निर्माण कार्य, 002-उप वृहद निर्माण कार्य के अन्तर्गत विकलनीय होगा। उपरोक्त स्वीकृत राशि का व्यय मांग संख्या 60, लेखा शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय, सेगमेंट 0102-अनुसूचित जनजाति उप योजना (सब स्कीम), मध्यप्रदेश विधान सभा निर्वाचन क्षेत्र विकास योजना-(8284), 64 वृहद निर्माण कार्य, 002-उप वृहद निर्माण कार्य के अन्तर्गत विकलनीय होगा। उपरोक्त स्वीकृत राशि का व्यय मांग संख्या 60, लेखा शीर्ष 4515-अन्य ग्राम विकास कार्यक्रमों पर पूंजीगत परिव्यय, सेगमेंट 0103-अनुसूचित जाति उप योजना (सब स्कीम), मध्यप्रदेश विधान सभा निर्वाचन क्षेत्र विकास योजना-(8284), 64 वृहद निर्माण कार्य, 002-उप वृहद निर्माण कार्य के अन्तर्गत विकलनीय होगा। उपरोक्त स्वीकृत निर्माण कार्य शासन द्वारा निर्देशित सिद्धांतों के तहत निम्नलिखित शर्तों के अन्तर्गत किये जायेंगे :-

- (1) किसी भी परिस्थिति में प्रशासकीय स्वीकृति राशि से अधिक व्यय नहीं किया जावे। उक्त निर्माण कार्य को ठेकेदारी प्रथा से कार्य कराया जाता है तो ठेकेदार का चयन करने के लिए एजेंसी की विभागीय प्रणाली का अनुसरण किया जायेगा। उक्त कार्यों में मजदूरी दर, जवाहर रोजगार योजना के तहत निर्धारित मजदूरी दर के अनुसार होगी इस योजना के अन्तर्गत किसी भी कार्य के लिये किसी भी प्रकार के ठेकेदार/सम्पायर को अग्रिम राशि का भुगतान करना निषिद्ध है।
- (2) स्वीकृत कार्य हेतु प्रस्तुत प्राक्कलन मानचित्र एवं तकनीकी स्वीकृति के अनुसार घयनित स्थल पर ही कार्य कराया जावे। निर्माण कार्य एवं प्रस्तावित स्थल में किसी भी प्रकार का परिवर्तन इस कार्यालय की पूर्व अनुमति के बगैर नहीं किया जाये। स्वीकृत कार्य निर्धारित प्राक्कलन के अनुसार न किये जाने पर राशि की वसूली क्रियान्वयन एजेंसी से की जायेगी
- (3) स्वीकृति निर्माण कार्य, शासकीय भूमि पर कराये जायें या कहीं निजी भूमि क्षेत्र में आती है तो संबंधित भू-स्वामी द्वारा उसे शासन के पक्ष में दानपत्र लिखने एवं तदनुसार राजस्व अभिलेख में संशोधन होने के उपरान्त ही प्रारंभ किया जावे।

- (5) कार्य स्थल पर बोर्ड लगाया जावे जिसमें माननीय विधायक का नाम विधानसभा क्षेत्र एवं स्वीकृत राशि मजदूरी दर आदि जानकारी अंकित की जावे।
- (6) स्वीकृत कार्य की द्वितीय किस्त की राशि की मांग हेतु प्रथम किस्त की राशि की उपयोगिता हेतु माप पुस्तिका की छायाप्रति एवं निर्माण कार्य के जियोटेग फोटोग्राफ्स मांगपत्र के साथ प्रस्तुत करना अनिवार्य होगा। कार्य के लिए स्वीकृत राशि में से कंटेन्जेंसी के रूप में कार्यालयीन व्यय आवर्ती व्यय, वाहन व्यय तथा स्थापना मद में किया जाने वाला व्यय पूर्णतः प्रतिबंधित है।
- (7) स्वीकृत कार्य का मासिक वित्तीय एवं भौतिक प्रगति प्रतिवेदन निर्धारित प्रपत्र में प्रत्येक माह की 03 तारीख तक इस कार्यालय को उपलब्ध कराया जावे तथा कार्य पूर्ण उपरांत एक सप्ताह के अंदर कार्य पूर्णता प्रमाण-पत्र एवं परिसंपत्ति हस्तांतरण का प्रमाण पत्र इस कार्यालय में प्रस्तुत किया जावे।
- (8) कार्य पूर्ण होने के पश्चात यदि राशि शेष बचती है तो चालान के माध्यम से शासन के निर्धारित शीर्ष 0515 अन्य ग्रामीण विकास कार्यक्रम, उप शीर्ष 800- अन्य प्राप्तियां अनाबद्ध राशि विधानसभा निर्वाचन क्षेत्र विकास योजना की अवशिष्ट राशि में जमा कर चालान की मूल प्रति पूर्णता प्रमाण पत्र के साथ इस कार्यालय को अनिवार्य भेजा जावे।
- (9) उपरोक्त स्वीकृत कार्य यदि किसी अन्य योजना में पूर्व से स्वीकृत हों तो, कार्य की यह स्वीकृति स्वयमेव निरस्त होगी। निर्देशों की अवहेलना करने पर संबंधित एजेन्सी, अधिकारियों, कर्मचारियों एवं जिम्मेदार जनप्रतिनिधियों से ब्याज सहित राशि बसूल की जाने के साथ वैधानिक कार्यवाही की जायेगी।
- (10) उपरोक्त स्वीकृत निर्माण कार्यों पर व्यय की गई राशि के प्रत्येक व्हाउचर एवं एमबी की छायाप्रति इस कार्यालय द्वारा मांग किये जाने पर जांच हेतु प्रस्तुत करना होगा। व्यय एवं कार्य की अनियमित्तये एवं आडिट आपत्तियों के लिये कियान्वयन एजेन्सी पूर्णरूप से उत्तरदायी होगी।
- (11) निर्देशित सिद्धांतों का पालन न किये जाने पर कियान्वयन एजेन्सी पूर्ण रूपेण उत्तरदायी होगी। योजना के अंतर्गत शुरु किये गए सभी कार्यों पर सामान्य वित्तीय और लेखा परीक्षा प्रक्रिया लागू होगी।
- (12) म.प्र. शासन योजना, आर्थिक एवं सांख्यिकी विभाग के ज्ञाप क्रमांक 1856/1964/2014/23/यो.आ. सां. भोपाल दिनांक 12.09.2014 द्वारा दिशा-निर्देशों के क्रम में विधानसभा निर्वाचन क्षेत्र विकास योजना में भण्डार क्रय नियम का पूर्णतरु पालन किया जावे। विधानसभा निर्वाचन विकास योजनान्तर्गत विधायक तिथि से 25000/- से अधिक मूल्य की सामग्री कय करने पर म.प्र. भण्डार कय नियमों का पालन सुनिश्चित किया जावे।
- (13) क्रय सामग्री का परिवहन व्यय संबंधित विभाग/प्रदाय कर्ता फर्म द्वारा वहन किया जाये।
- (14) सामग्री कय की स्वीकृति प्राप्त होने के तुरन्त पश्चात म.प्र. भण्डार क्रय नियम का पालन करते हुये, मध्यप्रदेश स्टेट एग्री इण्डस्ट्रीज डेव्हलपमेन्ट कॉर्पोरेशन लिमिटेड, म.प्र. लघु उद्योग निगम, अथवा अन्य शासकीय संस्था से ही क्रय करे, एवं स्टॉक पंजी में प्रविष्टि करते हुये क्रय की गई वस्तु पर योजना का नाम, स्वीकृत राशि कियान्वयन एजेन्सी का नाम एवं स्वीकृत वर्ष अंकित किया जावे।
- (15) सामग्री कय करने के पश्चात राशि की कमी/वृद्धि होने पर संशोधित स्वीकृति हेतु प्रस्ताव प्रेषित किये जायें।

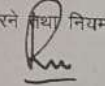


कलेक्टर

जिला ग्वालियर म.प्र.
ग्वालियर दिनांक 29/03/2025

पृ. क्रमांक : 1239/जि.यो.सां./वि.नि./2025
प्रतिलिपि :-

1. निज सहायक, माननीय मंत्री/विधायक विधानसभा क्षेत्र क्रमांक-15 ग्वा0 की ओर सूचनार्थ प्रेषित।
2. महालेखाकार, म.प्र. ग्वालियर की ओर सूचनार्थ।
3. आयुक्त, आर्थिक एवं सांख्यिकी, म.प्र. भोपाल की ओर सूचनार्थ।
4. अनुविभागीय अधिकारी (राजस्व) जिला-ग्वालियर की ओर सूचनार्थ।
5. जिला कोषालय अधिकारी, जिला-ग्वालियर को देयक पारित करने हेतु अर्पणित।
6. मॉडल एजेन्सी/कियान्वयन एजेन्सी मुख्य कार्यपालन अधिकारी, ग्वा0 वि0 प्राधि0 ग्वालियर और सूचनार्थ उक्त कार्य की संपूर्ण राशि प्रदाय की जा रही है प्रथम किस्त के रूप में 50 प्रतिशत का उपयोग कर शेष राशि इस कार्यालय से अनुमति प्राप्त कर ही व्यय की जावे।
7. लेखा शाखा, जिला योजना एवं सांख्यिकी कार्यालय जिला-ग्वालियर की ओर सौंपटवेयर में एंट्री करने तथा नियमानुसार कार्यवाही हेतु सूचनार्थ प्रेषित।



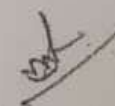
कलेक्टर

जिला ग्वालियर म.प्र.

कार्यालय ग्वालियर विकास प्राधिकरण, ग्वालियर


विशेष शर्त :-

- 1- तकनीकी प्राक्कलन के अनुरूप कार्य को गुणवत्ता के साथ पूर्ण किया जावे।
- 2- कार्य स्थल पर कार्य के सम्पूर्ण विवरण सहित नोटिस बोर्ड लगाया जावे।
- 3- वाटर हावैस्टिंग का प्राक्धान अनिवार्यतः किया जावे।
- 4- निर्माण कार्य केवल शासकीय/सार्वजनिक उपयोग की भूमि पर ही करावें।
- 5- कार्य आवश्यक अनुमति/सहमति प्राप्त कर ही कराया जावे।
- 6- कार्य प्रारंभ एवं पूर्ण होने के पूर्व स्थल की जियो ट्रेकिंग/फोटोग्राम देयक के साथ संलग्न करना आवश्यक है।
- 7- सामुदायिक भवन, नलकूप खनन आदि कार्य की स्थिति में नगर निगम ग्वालियर
- 8- संबंधित संस्था को हस्तांतरण का दायित्व ठेकेदार का होगा।


कार्यपालन यंत्री

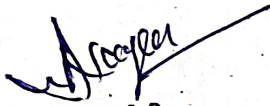
संभाग-1

ग्वालियर विकास प्राधिकरण

 ग्वालियर

तकनीकी प्रतिवेदन

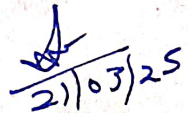
1. कार्य का नाम : विधानसभा क्षेत्र - 15 ग्वालियर तालुका द्वारा पंचायती राज सेवा
रोड का निर्माण केन्द्रिय के लिये विधानसभा
2. मद : मंदिर के पास न. नि. ग्वालियर
3. कार्य की अनुमानित लागत : रुपये 2,37,56,330.00 I/c G.S.T.
4. एस.ओ.आर : U.A.D./S.O.R./Road/Build/df 02/Aug/21
5. कार्य की आवश्यकता : जन सुविधा हेतु
6. कार्य की एजेन्सी : ग्वालियर विकास प्राधिकरण, ग्वालियर
7. कार्यस्थल का निरीक्षण किया गया : हाँ
8. निर्माण कार्य नवीन है : हाँ
9. निर्माण कार्य किसी अन्य योजना/मद से स्वीकृत नहीं है। : नहीं
10. भूमि की स्थिति : उपर आनुकूल गे. को पत्र क्र. 27/11/दि. 20/3/25 द्वारा अनापत्ति हेतु भेजा गया है, अनापत्ति हेतु भेजा गया है, अनापत्ति प्राप्त होने के उपरान्त ही कार्य किया जावेगा।



उपयंत्री
ग्वालियर विकास प्राधिकरण
ग्वालियर



सहायक यंत्री
ग्वालियर विकास प्राधिकरण
ग्वालियर



21/03/25

कार्यपालन यंत्री
ग्वालियर विकास प्राधिकरण
ग्वालियर

GWALIOR DEVELOPMENT AUTHORITY, GWALIOR
(ABSTRACT OF COST ORIGINAL ESTIMATE)

Name of work : विधानसभा-15 ग्वालियर तोरण द्वार एवं सी.सी. रोड का निर्माण
कोटेश्वर के सामने, सिद्धाचल मंदिर के पास

Based on UAD (Road & Building) SOR
w.e.f. 2 Aug. 2021

& PWD Building SOR w.e.f. 1 Aug. 2024

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|--|---------|------|-----------|-------------------|
| | (A) ROAD SOR | | | | |
| 1. | UAD (R) SOR I.No. 12.5 P. 79 | | | | |
| | Providing and laying Plain/ Reinforced cement concrete in open foundation including form work shuttering etc. complete as per drawing and technical specifications and as per relevant clauses of sections 1500, 1700 & 2100 with. | | | | |
| | (a) PCC Grade M-15 | | | | |
| | $1 \times 49.00 \times \frac{4.50 + 5.00}{2} \times 0.15 = 34.912$ | | | | |
| | $1 \times 139.00 \times \frac{5.00 + 5.50}{2} \times 0.15 = 109.462$ | | | | |
| | $1 \times 10.00 \times \frac{5.00 + 6.00}{2} \times 0.15 = 8.25$ | | | | |
| | 152.624 | 152.624 | Cum. | 4744.00 ✓ | 724048.00 |
| | (b) PCC Grade M-20 | | | | |
| | $1 \times 49.00 \times \frac{4.50 + 5.00}{2} \times 0.10 = 23.275$ | | | | |
| | $1 \times 139.00 \times \frac{5.00 + 5.50}{2} \times 0.10 = 72.975$ | | | | |
| | $1 \times 10.00 \times \frac{5.00 + 6.00}{2} \times 0.10 = 101.75$ | | | | |
| | 198.00 | 198.00 | Cum. | 5250.00 ✓ | 1039500.00 ✓ |
| | 101.75 | | | | |
| | Total (A) Rs | | | | 1763548.00 |

537,188 = w
1258,236 = w

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|---|-------|------|-----------|-----------|
| | (B) BUILDING SOR | | | | |
| 1. | <p>UAD (B) SOR I.No. 2.6.1 P.</p> <p>Earth work in excavation for foundation, trenches for pipes / cables or drains etc. by mechanical means / manual means (exceeding 30cm in depth.) including ramming of bottom, dressing of sides, disposal of excavated earth including of all lift and lead upto 50m. Disposed earth to be levelled and neatly dressed.</p> <p>2.6.1 All kinds of soil $2 \times 2.00 \times 2.00 \times 1.50 = 12.00$</p> | 12.00 | Cum. | 151.00 ✓ | 1812.00 ✓ |
| 2. | <p>UAD (B) SOR I.No. 4.3.2 P.37</p> <p>Providing and laying cement concrete in kerbs, steps and the like at or near ground level excluding the cost of centering, shuttering and finishing.</p> <p>4.3.2 Cement concrete grade M-10 (Nominal Mix) with 20 mm maximum size of stone aggregate</p> <p>Col. $2 \times 2.00 \times 2.00 \times 0.15 = 1.20$ P/B $1 \times 7.50 \times 0.50 \times 0.10 = 0.35$</p> | 1.55 | Cum. | 4219.00 ✓ | 6539.00 ✓ |
| 3. | <p>UAD SOR I.No. 19.1 P. 208</p> <p>Centering and shuttering including strutting, propping stretching etc. complete for and removal of form</p> | | | | |

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|---|-------|------|---------|----------|
| | work by sheet plate or ply wood shuttering for : | | | | |
| | 19.1.1 Foundations, footings, bases of columns, etc. For mass concrete. 2 x 4 x 1.50 x 0.50 = 6.00 | 6.00 | Sqm. | 160.00 | 960.00 |
| | 19.1.5 Lintels, beams, plinth beams, girders, bressumers and cantilevers. Col. 2x1.00x(0.50+0.50) = 2.00 P/B 1x7.00x(0.50+0.50) = <u>7.00</u> 9.00 | 9.00 | Sqm. | 270.00 | 2430.00 |
| | 19.1.6 Columns, Pillars, Piers, Abutments, Posts and Struts. 2 x 4.00 x (0.50)x4 = 16.00 Roof Beam Top 1x7.50x2x(0.50)= 7.50 Bottom 1x7.00x1x0.50 = 3.50 Side 2x(0.50+0.50) = <u>2.00</u> 29.00 | 29.00 | Sqm. | 362.00 | 10498.00 |
| 4. | UAD (B) SOR I.No. 5.1.1 P. 46 Providing and laying in position specified grade of reinforced cement concrete excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level : 5.1.1 Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate. Footing 2x1.50x1.50x0.50 = 2.25 Col.Pedestal 2x1.00x0.50x0.50= 0.50 P/B 1x7.50x0.50x0.50 = <u>1.875</u> 4.625 | 4.625 | Cum. | 5435.00 | 25137.00 |

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|--|-------|------|---------|----------|
| 5. | <p>UAD SOR I.No. 5.2.1 P. 46</p> <p>Reinforced cement concrete work in walls (any thickness), including attached pilasters, buttresses, plinth and string courses, fillets, columns, pillars, piers, abutments, posts and struts etc.above plinth level and up to floor two level excluding cost of centering, shuttering and reinforcement etc.</p> <p>5.2.1 Cement concrete grade M-20 (Nominal Mix) with 20 mm maximum size of stone aggregate.</p> <p>2x4.00x0.50x0.50 = 2.000</p> <p>Roof/B 1x7.50x0.50x0.50 = <u>1.875</u></p> <p>3.875</p> | 3.875 | Cum. | 5656.00 | 21917.00 |
| 6. | <p>UAD (B) SOR I.No. 5.11.4 P.</p> <p>Reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding upto floor level including cost of binding wire, wastage and over laps upto 12mm horizontal/ inclined position of reinforcement bars in slab and beams, plinth, chajjas, lintels, upto 4.5m vertical length of reinforcement in wall columns (over laps shall be provided as per requirement of IS : 13920; IS 456 & SP : 34) etc.</p> | | | | |

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|---|--------|------|----------|---------------------------|
| | complete. | | | | |
| | 5.11.4 Thermo-Mechanically Treated bars. (Fe 500 D or more) 8.50 M ³ @ 90 Kg./Cum=765Kg. | 765.00 | Kg. | 58.00 ✓ | 44370.00 |
| 7. | UAD (B) SOR I.No. 13.12.1 6 mm cement plaster of mix : 13.12.1 1:3 (1 cement: 3 fine sand) Col. 2x4.00x(0.50+0.50)x2= ¹⁶ 8.00 R/B 1x7.50x(0.50+0.50)x2=15.00 Top 1x7.50x0.50 = <u>3.75</u> 26.80 34.75 | | | | |
| | | 34.75 | Sqm. | 111.00 ✓ | 3857.25 <u>2975.00</u> |
| 8. | UAD (B)SOR I.No. 10.14 Providing and fixing M.S. Tubular frames for doors, windows, ventilators and cupboard with any section made of 1.60mm or 1.25mm thick M.S. Sheet, joints mitred and welded and grinded finish with profiles required size with 15x3mm lugs 10cm long embedded in cement concrete M-10 (Nominal Mix with 20mm maximum size of stone aggregate) blocks 15x10x10cm or with wooden plugs and screws or rawl plugs and screws or with fixing clips or with bolts and nuts as required including fixing of necessary butt hinges and screws and applying a priming coat of approved steel primers. | | | | |

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|--|-----------------------|------|----------|----------------------------|
| | Main Gate $1 \times 7.00 \times 1.50 = 10.50 \text{ M}^2$ @ 30 Kg. = 315.00 Kg. | 315.00 | Kg. | 104.00 ✓ | 32760.00 |
| 9. | UAD (B) SOR I.No. 13.46.3 Finishing with Deluxe Multi surface paint system for interiors and exteriors using Primer as per manufacturers specifications : 13.46.3 Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two or more coat applied @0.90 ltr/10 sqm over an under coat of primer applied @ 0.80 ltr/ 10 sqm of approved brand or manufacture . | | | | |
| | $1 \times 1.50 \times 7.00 \times 1.50 = 15.75 \text{ Sqm.}$ | 15.75 | Sqm. | 68.00 ✓ | 1071.00 |
| 9. | UAD (B) SOR I.No. 13.25 P. Providing and applying 1.0 mm thick white cement based wall putty of best quality, over plastered surface to prepare the surface even and smooth complete. | | | | |
| | | 34.75 <u>26.80</u> | Sqm. | 63.00 ✓ | 2189 = ✓ <u>1688.00</u> |
| 10. | PWD (B) SOR I.NO. 27.8 P. 764 Providing and fixing stainless steel English (Capital) and Hindi letters in standard pattern bellow type made with 1.20 mm thick stainless steel (ASI Grade-304) Depth of letter shall not be less than 30mm and rate includes welding/soldering of joints polishing, buffing and | | | | |

| S.No. | Description of Item | Qty. | Unit | Rate | Amount |
|-------|--|------|---|--|------------|
| | fixing on the wall, plate and beam surface at any height with necessary nut and bolts/fastener wherever is required complete as per direction of Engineer-in-Charge. 30 x 20 = 600.00 | 600 | letter per cm height | 75.00 | 45000.00 |
| | | | | Estimated Cost Of Rs. 17,18,996/- | |
| | | | | In words Rs. Seventeen lakh eighteen thousand nine hundred ninety six only | |
| | | | Superintending Engineer Gwalior Development Authority Gwalior | Total (B) Rs. 197157.00 | 198540.00 |
| | | | | Total (A) 1763548.00 | 1258236.00 |
| | | | | Total (B) 197157.00 | 198540.00 |
| | | | | Grand Total (A+B) 1960705.00 | 1456776.00 |
| | | | | Add : 18% G.S.T. 352927.00 | 262220.00 |
| | | | | Total Rs 2313632.00 | 1718996.00 |



Sub Engineer
Gwalior Development Authority
Gwalior




Assistant Engineer
Gwalior Development Authority
Gwalior



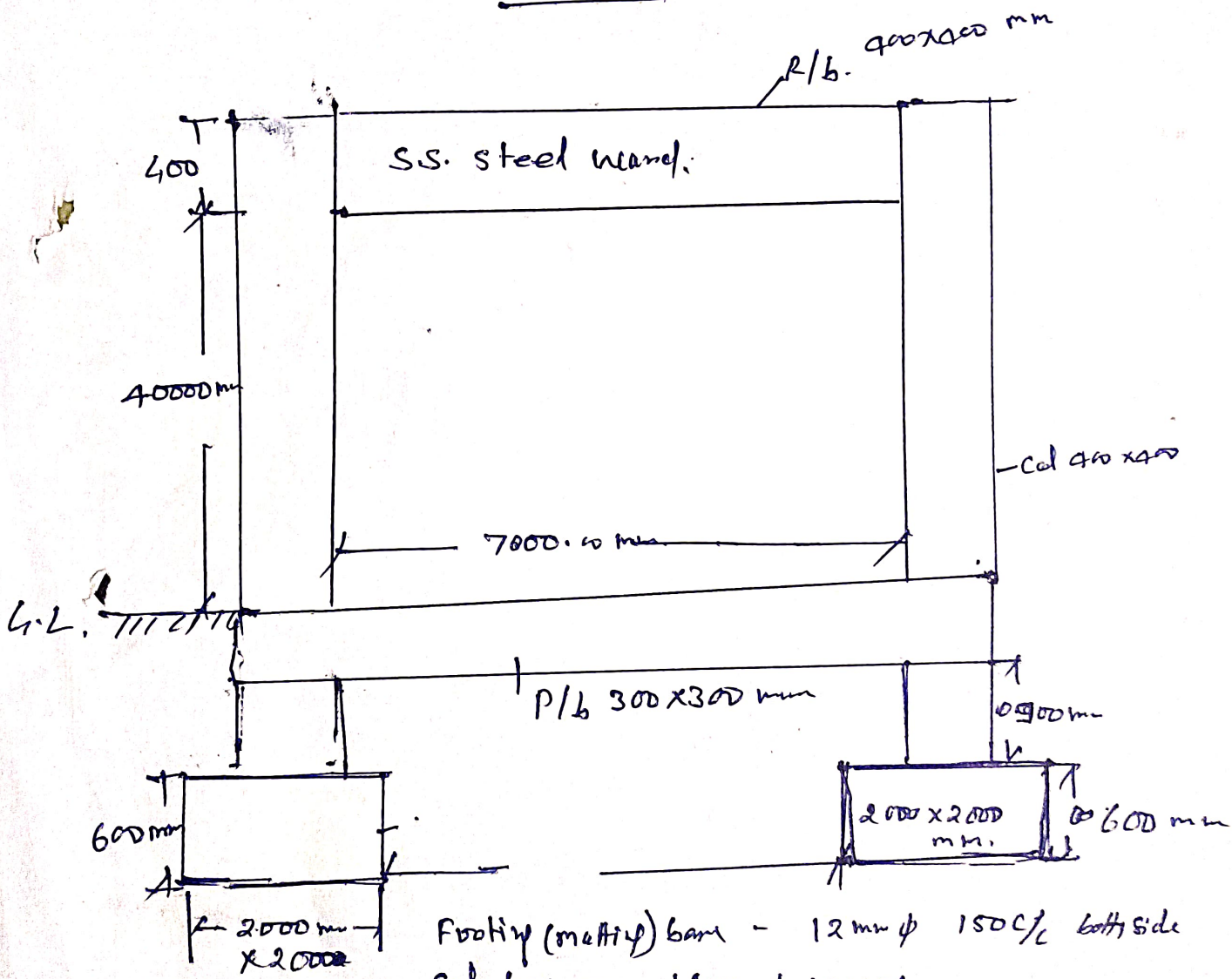
Executive Engineer
Gwalior Development Authority
Gwalior

Ceal. checked for
Rs. 1718996/-
(1/c GST)


21/3/25

- तोरण द्वार एवं सी.सी. शेड निर्माण सिद्धांतचित्र मीटर के पाव कोटेडवर रेड.

तोरण द्वार



Footings (masonry) bars - 12 mm ϕ 150 C/C both side
 Col. bar - 16 mm ϕ 10 Nos

R/b - bar - TOP bar 12 mm ϕ 3 Nos
 P/b - Bottom bar 16 mm ϕ 4 Nos
 16 mm ϕ 6 Nos (K/C/D)

Ring beam Col & R/b. 150 C/C

[Signature]
 Sub engg
 G.D.A.

[Signature]
 Asst engg.
 G.D.A.