

जीवाजी विश्वविद्यालय, ग्वालियर

क्रमांक / एफ.जे.यू. / यंत्र / 2024 / 882

दिनांक: - 14-06-2024

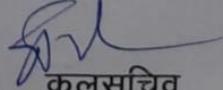
ई-निविदा आमंत्रण सूचना-पत्र (द्वितीय कॉल)

जीवाजी विश्वविद्यालय ग्वालियर परिसर में नवीनीकरण/विशेष/वार्षिक सिविल मरम्मत कार्य हेतु म.प्र. पी.डब्ल्यू.डी सिविल कार्य एस.ओ.आर. 01.01.2024 तथा नवीनीकरण/विशेष/वार्षिक विद्युत मरम्मत कार्य हेतु म.प्र. पी.डब्ल्यू.डी विद्युत कार्य हेतु एस.ओ.आर. 01.01.2024 से प्रादेशिक दर पर पंजीकृत योग्य ठेकेदारों से ऑनलाइन टेंडर ई-प्रोक्योरमेंट सिस्टम के पोर्टल <https://mptenders.gov.in> पर ऑनलाइन निविदा आमंत्रित की जाती है।

सं. क्र.	टेंडर आई. डी. क्रमांक	कार्य का विवरण	कार्य की अनुमानित लागत	ऑनलाइन धरोहर राशि	निविदा प्रपत्र की कीमत	कार्य पूर्ण करने की अवधि
1.	2024_JIWAJ_351314-1	नवीनीकरण/विशेष/वार्षिक सिविल मरम्मत कार्य, (द्वितीय कॉल)	रु. 70/- लाख	रु. 2,10,000/-	रु. 10,000/-	01 वर्ष (वर्षा काल सहित)
2.	2024_JIWAJ_351317-1	नवीनीकरण/विशेष/वार्षिक विद्युत मरम्मत कार्य, (द्वितीय कॉल)	रु. 40/- लाख	रु. 1,20,000/-	रु. 5,000/-	01 वर्ष (वर्षा काल सहित)

टीप :- निविदा प्रपत्र एवं निविदा की समस्त शर्तों का अवलोकन विश्वविद्यालय की वेबसाइट WWW.JiwajiLedu पर भी किया जा सकता है।

- ऑनलाइन टेंडर परचेज करने की अंतिम दिनांक: 22-7-2024 तक 5:00 PM.
- ऑनलाइन टेंडर (प्राइज बिड) जमा करने की अंतिम दिनांक 23-07-2024 तक 5:00 PM.
- टेक्नीकल बिड खोलने का समय एवं दिनांक 24-07-2024 तक 5:00 PM
- निविदा की शेष तिथियाँ सम्पूर्ण जानकारी, शर्तें एवं समस्त संशोधन केवल उपरोक्त दर्शाई गई वेबसाइट पर देखी जा सकती है। इस हेतु अलग से कोई विज्ञापन/समाचार पत्रों में प्रकाशित नहीं किया जायेगा।
- किसी भी कार्य की निविदा स्वीकृत/अस्वीकृत/निरस्तीकरण या संशोधन के अधिकार कुलसचिव को है।


कुलसचिव

JIWAJI UNIVERSITY, GWALIOR

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	Registrar, Jiwaji University, Gwalior
N.I.T.No. and Date	FJU/Yantri/2024/882.2 Dated 14.06.2024
Agreement Number and Date	-
Name of Work	Renovation/Special Repair/Annual Repair (MOW ELECTRICAL) work at Jiwaji University, Gwalior (II Call)
Name of Contractor	-
Probable Amount of Contract (Rs. In Figure) (Rs. In Words)	Rs. 40,00,000/- Rs. Fourty Lakhs only
Contract Amount (Rs. In Figure) (Rs. In Words)	Rs..... Rs.
Stipulated Period of Completion	01 Year

TENDER DOCUMENT

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SECTION – 1
Notice Inviting Tender
JIWAJI UNIVERSITY, GWALIOR

Store/2022/882.2

Dated 14.06.2024

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	Renovation/Special Repair/Annual Repair (MOW ELECTRICAL) work at Jiwaji University, Gwalior (II Call)	GWALIOR	40.0	12 Months

1. Interested bidders can view the detailed NIT on the website <https://mptenders.gov.in>
2. The Bid Document can be purchased only online from **30.06.2024 10:30 AM to 23.07.2024 17:00 PM.**
3. Amendments to NIT, if any, would be published on website only, and not in newspaper.

Registrar, Jiwaji
University, Gwalior

Notice Inviting Tender
JIWAJI UNIVERSITY, GWALIOR
OFFICE OF THE REGISTRAR,
JIWAJI UNIVERSITY, GWALIOR

NIT No.Yantri/2024/882.2

dated 14.06.2024

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	Category of Contractor	Period of Completion
1	2		3	4	5	6	7
1	Renovation/Special Repair/Annual Repair (MOW ELECTRICAL) work at Jiwaji University, Gwalior (II Call)	GWALIOR	40.0	Rs. 1,20,000/-	Rs.5,000/- + PORTAL CHARGE	Centralised PWD Registration	12 Months

1. All details relating to the Bid Document(s) can be viewed and downloaded free of cost on the website <https://mptenders.gov.in>
2. Bid Document can be purchased after making online payment of portal fees.
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. 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-----

8. The Bid Document can be purchased Online only **30.06.2024 10:30 AM to 23.07.2024 17:00 PM.**
9. Amendments to NIT, if any, would be published on website only, and not in newspaper.

Registrar, Jiwaji University,
 Gwalior
 UNIVERSITY ENGINEER

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 wherein the bidder has participated shall stand disqualified.

5. Cost of Bidding

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

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 and

ii. Part II Special Conditions of Contract.

4. Specifications

5. Drawings.

6. Priced Bill of Quantities

7. Technical and Financial Bid

8. Letter of Acceptance

9. Agreement and

10. Any other Document(s), as specified.

8. The bidder is expected to examine carefully all instructions, conditions of contract, the contract data, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Bidder shall be solely responsible for his failure to do so.

9. Pre-Bid Meeting (where applicable)

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

9.1 Details of venue, date and time would be mentioned in the **Bid Data Sheet**. Any change in the schedule of pre-bid meeting would be communicated on the website only, and intimation to bidders would not be given separately.

- 9.2 Any prospective bidder may raise his queries and/or seek clarifications in writing before or during the pre-bid meeting. The purpose of such meeting is to clarify issues and answer questions on any matter that may be raised at that stage. The Employer may, at his option, give such clarifications as are felt necessary.
- 9.3 Minutes of the pre-bid meeting including the gist of the questions raised and the responses given together with any response 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 submit their bids online as per guidelines given in the portal.

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 Envelop A** shall contain the following as per details given in the **Bid Data Sheet**:

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

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

Part 3 – This shall be known as online **Envelope C** and would apply to all bids. **Envelop C** shall contain financial offer in the **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 are part of the Bid may be in another language provided they are accompanied by an accurate translation of the relevant passages in English. In such case, for the purposes of interpretation of the bid, such translation shall govern.

14. TECHNICAL PROPOSAL

- 14.1 Only, in case of bids with pre-qualification conditions defined in the **Bid Data Sheet**, the Technical Proposal shall comprise of formats and requirements given in the **Bid Data Sheet**.
- 14.2 All the 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 The EMD shall be in the form of Fixed Deposit Receipt of a scheduled commercial bank, issued in favour of the name given in the **Bid Data Sheet**. The Fixed Deposit Receipt shall be valid for six months or more after the last date of receipt of bids. However other form(s) of EMD may be allowed by the employer by mentioning it in the bid data sheet.

17.3 Bid not accompanied by EMD shall be liable for rejection as non-responsive.

17.4 EMD of bidders whose bids are not accepted will be returned within ten working days of the decision on the bid.

17.5 EMD of the successful Bidder will be discharged when the Bidder has signed the Agreement after furnishing the required Performance Security.

17.6 Failure to sign the contract by the selected bidder, within the specified period, for whatsoever reason, shall result in forfeiture of the earnest money deposit.

SUBMISSION OF BID

- 18.** The bidder is required to submit online bid duly signed digitally, and Envelop „A“ in **physical form** also at the place prescribed in the bid data sheet.

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 Envelope „C“.
- 19.4 After opening Envelope „C“ all responsive bids shall be compared to determine the lowest evaluated bid.
- 19.5 The Employer reserves the right to accept or reject any bid, and to annul the bidding process and reject all the bids at any time prior to contract award, without incurring any liability. In all such cases reasons shall be recorded.
- 19.6 The Employer reserves the right of accepting the bid for the whole work or for a distinct part of it.

20. Confidentiality

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

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 event of failure of the successful bidder to submit Performance Security and additional performance security, if any or sign the Contract Agreement, his EMD shall stand forfeited without prejudice to the right of the employer for taking 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	Registrar, Jiwaji University, Gwalior
2	NIT No.	FJU/Yantri/2024/882.2 Dated 14.06.2024
3	Date of NIT	14.06.2024
4	Bid document download available from date & time	30.06.2024 10:30 AM to 23.07.2024 17:00 PM..
5	Website link	https://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	Rs.5,000/-
	Cost of Bid Document Payable at	-
	Cost of Bid Document In favor of	Registrar, Jiwaji University, Gwalior
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. One Cr.
	If Yes, details	As per' Annexure- C' (Evaluation by Registrar, Jiwaji University, Gwalior 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 CLA USE	PARTICULARS	DATA
1	Name of the „Work“	Renovation/Special Repair/Annual Repair (MOW ELECTRICAL) work at Jiwaji University, Gwalior (II Call)
2	Specifications & SOR	As per 'Annexure – E' in addition to as below: (a) In case of Roads and Bridge works: 'SPECIFICATION FOR ROAD AND BRIDGE WORK (fifth Revision) By MORTH (b) Stipulation of SOR for Road & Bridge w.e.f. 29-08-2017 and its amendments Issued upto date of N.I.T. (c) Stipulation of SOR for Electrical works (w.e.f. 01.01.2024) and its amendments Issued up to date of N.I.T. (d) Stipulation of SOR for Building work (w.e.f. 01.01.2024) and its amendments Issued up to date of N.I.T
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 currancy 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 CLAU SE	PARTICULARS	DATA
17	Earnest Money Deposit	Rs. 1,20,000/-
	Forms of Earnest Money Deposit	Online
	EMD valid for a period of	120 Days
	FDR must be drawn in favour of	Registrar, Jiwaji University, Gwalior
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 & Repairing 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 10% (below/minus), considering bid rates less than 10% 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	Registrar, Jiwaji University, Gwalior
	Performance Security valid up to	As provided in the Contract Data

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

KEY DATES-As provided in the portal (<https://mptenders.gov.in>)

Note: Original term deposit receipt of earnest money deposit and affidavit shall be submitted by the bidder so as to reach the office as prescribed in bid data sheet, at least before the bid opening date.

S.No.	Particulars	Start Date & Time	End Date & Time	Envelope
1.	Purchase of Tender	30.06.2024 10:30 AM to		
2.	Online Bid Submission	30.06.2024 10:30 AM to	23.07.2024 17:00 PM	
3.	Prebid Meeting	-	-	
4.	Physical Submission (Original EMD/Bid Security and Technical Proposal) by Speed Post	Online	Online	Online
5.	Mandatory Submission Open (Envelope-A)	Online	Online	Online
6.	Technical Proposal Open (PQ Envelope-B)	Online	Online	Online
7.	Opening of Financial Proposal (Online only)	-	-	

Annexure-B

(see clause 3 of section 1 NIT)

// AFFIDAVID //

(To be contained in Envelope A)

(On Non judicial stamp of Rs 50/-)

I/We-----who is/are-----
(status in the form/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 information/documents and certificates:

1. That the self-certified information given in the bid document is fully true and authentic.
2. That:
 - a-Term deposit receipt deposited as earnest money,demand draft for cost of bid document and other relevant documents provided by the Bank are authentic.
 - b-Information regarding financial qualification and annual turnover is correct.
 - c-Information regarding various technical qualification is correct.
3. No close relative of the undersigned and our firm/company is working with 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.

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

Signature with seal of the Deponent(bidder)

Note- Affidavit duly notarized in original shall reach atleast one callender day before opening of the bid.

(Section 2-Annexure-B)

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	NA	
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. Specifications for road and bridge works revision (v) MORTH
2. Stipulation of SOR for Road & Bridge w.e.f. 29-08-2017 and its amendments Issued upto date of N.I.T.
3. Stipulation of SOR for Electrical works (w.e.f. 01-01-2024) and its amendments Issued up to date of N.I.T.
4. Stipulation of SOR for Building work (w.e.f. 01-01-2024) and its amendments Issued up to date of N.I.T.

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 Portal:

All the Contractors registered under Centralized Registration System (CRS) of PWD or the Contractors having applied under CRS shall be eligible for tendering in the designated portal(<https://mptenders.gov.in>). However the Bidders registered under CRS shall also be required to register themselves in this portal as per guidelines shown on the portal.

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.

2. Preparation and Submission of Bids:

The Bidders have to prepare their Bids and submit the Bids online as per procedure given in the portal.

3. Purchase of bid Documents:

For purchasing the bid document, bidders are to pay online as per details given in the portal.

4. Withdrawal Substitution and Modification of Bids:

Bidder can withdraw and modify the bid before the 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 be 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 I (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 **5financial** 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 requirement	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.

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					

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.

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	Pnumetictyre roller	-			
16	Batch Mixing plant with electronic controls (series minimum 100-120 TPH capacity as required)	-			
	Total	-			

....
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 notto 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 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. *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. 1*
- 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. _____
To, _____

Dated

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

Registrar, Jiwaji University,
Gwalior,
PWD-----

Annexure-M

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 _____(name of the Registrar, Jiwaji University, Gwalior) in the sum of _____* for which payment well and truly to be made to the said name ofthe Registrar, Jiwaji University, Gwalior 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 ofthe Registrar, Jiwaji University, Gwalior 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 oftheRegistrar, Jiwaji University, Gwalior) up to the above amount upon receipt of his first written demand, without the (name of the Registrar, Jiwaji University, Gwalior) having to substantiate his demand, provided that in his demand of (name ofthe Registrar, Jiwaji University,

Gwalior) 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 Registrar, Jiwaji University, Gwalior**), 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 ClausesGCC

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 of work to be carried out.
2	Interpretations and Documents	23	No Interest Payable
3	Language and Law	24	Recovery from Contractors
4	Communications	25	Tax
5	Subcontracting	26	Check Measurements
6	Personnel	27	Termination by Engineer in Charge
7	Force Majeure	28	Payment upon Termination

8	Contractor's Risks	29	Performance Security
9	Liability For Accidents To Person	30	Security Deposit
10	Contractor to Construct the 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	40.88	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
- (IV) 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-motto 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 payable 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 are specified in the Contract Data.
- 17.3 Failure of the Contractor to establish laboratory shall attract such penalty as is specified in the Contract Data.
- 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 on 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 the numbers of the several classes of labour from time to time employed by the Contractor on the Site and such other information as the Engineer may require.

39. Compliance with Labour Regulations

- 39.1. During continuance of the Contract, the Contractor and his sub-Contractors shall abide at all times by all existing labour enactments and rules made there under, regulations, notifications and bye laws of the State or Central Government or local authority and any other labour law (including rules), regulations, bye laws that may be passed or notification that may be issued under any labour law in future either by the State or the Central Government or the local authority. Salient features of some of the major labour laws that are applicable to construction industry are given in the Contract Data. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-

observance of the provisions stipulated in the notifications/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.

40.88. 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	Registrar, Jiwaji University, Gwalior
1.15	Engineer	UE, Jiwaji University, Gwalior
1.16	Engineer in Charge	UE, Jiwaji University, Gwalior
1.22	Stipulated Period of Completion	12 Month (period is always including 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.	Registrar, Jiwaji University, Gwalior P.W.D. ----- ----- email:- -----
5	Subcontracting permitted for the Contract Value	More than Rs. Five Crores.
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	University Engineer
	Appellate Authority for deciding dispute under Dispute Resolution System	Registrar, Jiwaji University, 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	Building Committee, Jiwaji University, Gwalior
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'

GCC Clause	Particulars		Data
	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		<p>As below:</p> <p>(A) For Road work:-</p> <p>(i) For New Road (Bituminous) Construction along with granular crust (including strengthening): - 5 years ;</p> <p>(ii) For New Road (Concrete) Construction (including strengthening): - 5 years;</p> <p>(iii) For Renewal with BT layer equal to or less than 30 mm thickness: - 3Years;</p> <p>(iv) For Renewal with BT layer more than 30 mm thickness : 5 years</p> <p>(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”</p> <p>(C) For Building works - 3Years</p> <p>(D) For Road Maintenance – 3 Years (The work of strengthening and renewal shall not be treated as road maintenance work)</p> <p>(E) For Building Maintenance (Civil & Electrical) Works – 3 Years</p> <p>(Except for water proofing works and the works in which specific guarantee period is mentioned).</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. 140.880/1246/2018/19/Yo Bhopal dt.06-04-18)</p>
21	Competent Authority for determining the rate		U.E. of concerned Circle
27	Any other condition for breach of contract		Yes as below: If the contractor fails to achieve 50% financial

GCC Clause	Particulars		Data														
			<p>progress in any milestoneand /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 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. (b) Works having Performance Guarantee of 3 Years- Construction Period + 2 Years + 3 Months. (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. (Amended vide Govt. memo No. 140.880/1246/2018/19/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 (Amended vide Govt. memo No. 140.880/1246/2018/19/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> <p>(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.</p>														
	<p>Clause 31 Weight ages of Component in the work</p> <p>(Amended As per vide Govt. Order No. F-53-55-2018-19-Yo-1314bhopal dated 28-3-</p>	<p>Component</p> <p>Labour</p>	<table border="1"> <thead> <tr> <th colspan="4" data-bbox="895 1921 1524 1986">Percentage of Component in the work</th> </tr> <tr> <th data-bbox="895 1986 1070 2074">B.T. Road Construction</th> <th data-bbox="1070 1986 1222 2074">B.T. Renewal</th> <th data-bbox="1222 1986 1390 2074">Rigid Pavement Construction</th> <th data-bbox="1390 1986 1524 2074">Bridge Works</th> </tr> </thead> <tbody> <tr> <td data-bbox="895 2074 1070 2105">10%</td> <td data-bbox="1070 2074 1222 2105">10%</td> <td data-bbox="1222 2074 1390 2105">10%</td> <td data-bbox="1390 2074 1524 2105">20%</td> </tr> </tbody> </table>				Percentage of Component in the work				B.T. Road Construction	B.T. Renewal	Rigid Pavement Construction	Bridge Works	10%	10%	10%
Percentage of Component in the work																	
B.T. Road Construction	B.T. Renewal	Rigid Pavement Construction	Bridge Works														
10%	10%	10%	20%														

GCC Clause	Particulars		Data			
	2018)	component-P ₁				
		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%	40.88%	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			
	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		University Engineer, Jiwaji University, Gwalior			
39	Salient features of some of the major labour laws that are applicable		As per 'Annexure-W'			
41	Competent Authority		Registrar, Jiwaji University, Gwalior			

DRAWING

List of Drawing ;-

The drawings & design for Rigid Pavement/ Flexible Pavement/Culvert/Bridges shall be proposed & submitted by the contractor which shall be scrutinized & approved by competent authority of department & will be issued to contractor for execution.

Annexure – O

(See Clause-15 of Section 3 – GCC)

DETAILS OF MILESTONES

.....NA.....

Annexure – P
(See Clouse-15 of Section 3 – GCC)

Compensation for Delay

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

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

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

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.

$$VL = 0.85 \times P1 / 100 \times R (Li - Lo) / Lo$$

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

$Lo =$ 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.

$Li =$ 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.

$P1 =$ 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:

$$Vc = 0.85 \times Pc / 100 \times R \times (C1 - C0) / C0$$

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

$C0 =$ The all India wholesale price index for 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.

$C1 =$ 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.

$Pc =$ 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:

$$Vs = 0.85 \times Ps \times X / 100 \times R \times (S1 - S0) / S0$$

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

$S0 =$ 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.

$Si =$ 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.

$Ps =$ 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:

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

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:

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

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:

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

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:

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

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_l	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%	40.88%	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-1314bhopal 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 pavement 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 ~~DELETED~~ 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 onand 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 therefrom the value of the said materials 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 repayable by the Contractor to 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 therewith 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.

(See clause 35 of Section 3 -GCC)

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

Registrar, Jiwaji University, Gwalior,
UNIVERSITY ENGINEER

(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

Registrar, Jiwaji University, Gwalior,
UNIVERSITY ENGINEER

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 and unscheduled 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, 10, 50, or 100). 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, Medical-Aid, Travelling expenses from home up to the establishment and back etc.
 - o) **The Building and Other Construction workers (Regulation of Employment and Conditions of Service) Act 1996 and the Cess Act of 1996:** - All the establishments who carry on any building or other construction work and employ 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)

(Rs. In Words)

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
Any Item Mentioned in PWD Current SOR Electrical Work 01.08.2014							
	~						
	Total Amount (Rs. In Figure)						

Total Amount(Rs.In Words)

-

Registrar, Jiwaji University, Gwalior,

**OFFICE OF THE ENGINEER-IN-CHIEF
MADHYA PRADESH PUBLIC WORKS DEPARTMENT
27-28 Nirman Bhawan Arera Hills, Bhopal (M.P.)**

Website : www.mppwd.gov.in

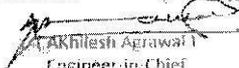
Email: pwbhop@mp.nic.in

Tel No. 0755-2551485, Fax 2556527

**SCHEDULE OF RATES FOR ROAD & BRIDGE WORKS (w.e.f. 29-08-2017)
(ERRATA/AMMENDMENT/ADDENDUM No. 2)**

The following Amendments are made in the SOR for Road & Bridge Works issued by The Engineer-in-Chief MP PWD w.e.f 29-08-2017

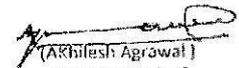
Ref.	Existing text	Amended text
General Notes Road Works Note No. 3) Page No. 4	Note No. 3 The rates for any items shall include all such activities which are described in the corresponding items of "Specifications for road and bridge works" (5th Revision). In addition to these activities the rates shall be deemed to include charges for lease of borrow areas/ mines, royalty of material consumed in the works, any other taxes/toll imposed etc. if any, unless otherwise provided in the contract.	Note No. 3 The rates for any items shall include all such activities which are described in the corresponding items of "Specifications for road and bridge works" (5th Revision). In addition to these activities the rates shall be deemed to include charges for lease of borrow areas/ mines, royalty of material consumed in the works, any other taxes / toll imposed etc. if any, except GST unless otherwise provided in the contract.
General Notes Bridge Works Note No. 12 Page No. 7	12). ROYALTY AND OTHER TAXES Royalty, Octroi duty and all other taxes are included in the rates. No extra on this account shall be payable unless otherwise provided in the contract.	12). ROYALTY AND OTHER TAXES Royalty, Octroi duty and all other taxes except GST are included in the rates. No extra on this account shall be payable unless otherwise provided in the contract.


(Akhilesh Agrawal)
Engineer-in-Chief
MP PWD, Bhopal
Bhopal, dated 16-10-2017

Encl. No. SOR/Road/Comm./2016/ 44/44

Copy is forwarded to :

1. PA to Hon'ble Minister, PWD Bhopal.
2. The Principal Secretary, Govt. of M.P. MP PWD, Bhopal.
3. The Director General (Road Development), Ministry of Road Transport & Highway (Road Wing), Transport, New Delhi.
4. The Secretary to The Govt. of MP PWD, Bhopal.
5. The Chief Technical Examiner, MP Bhopal.
6. The Commissioner, Housing & Environment, Bhopal.
7. The Accountant General, MP Gwalior, Bhopal.
8. The Secretary, Lokayukta, MP Bhopal.
9. All Chief Engineers MP PWD.
10. The Engineer in Chief, MPRDC, Bhopal.
11. The Chief Engineer, Rural Engineer Services MP Bhopal.
12. The Commissioner, Bhopal.
13. The Collector, Bhopal.
14. The Superintending Engineer, Capital Project Circle, CPA Bhopal.
15. All Superintending Engineer MP PWD,
16. All Executive Engineer, MP PWD.


(Akhilesh Agrawal)
Engineer-in-Chief
MP PWD, Bhopal

**SECTION 5
AGREEMENT FORM
AGREEMENT**

This agreement, made on the between **Registrar, Jiwaji University, Gwalior.** (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:

Registrar, Jiwaji University, Gwalior
UNIVERSITY ENGINEER

Binding Signature of Contractor

मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय, भोपाल

क्रमांक एफ-53/2/2011/यो/19/

भोपाल, दिनांक.....

विषय- लोक निर्माण विभाग में अव्यवहारिक (unworkable rates) निविदा प्राप्त होने पर की जाने वाली कार्यवाही ।

संदर्भ- शासन का आदेश क्रमांक एफ-53/2/2011/यो/19/5788, दिनांक 25.10.2011

:: आदेश ::

राज्य शासन एतद् द्वारा लोक निर्माण विभाग में अव्यवहारिक (unworkable) निविदा प्राप्त होने पर की जाने वाली कार्यवाही के संबंध में उपरोक्त संदर्भित आदेश की कंडिका (iv) में निम्नानुसार संशोधन जारी करता है :

(iv) उपरोक्तानुसार अव्यवहारिक दरों (unworkable rates) के लिए ली गई अतिरिक्त परफारमेंस गारन्टी (additional performance guarantee) की राशि टेन्डर द्वारा भाषदण्डानुसार सम्पादित कराये गये कार्य की मात्रा के अनुपात में समय समय पर विमुक्त (Release) की जाये ।

उपरोक्त आदेश तत्काल प्रभाव से लागू किया जाता है एवं इसके जारी दिनांक के पश्चात् आमंत्रित सभी निविदाओं में अतिरिक्त विशेष शर्त के रूप में जोड़ा जाये ।

मध्यप्रदेश के राज्यपाल के नाम से
तथा आदेशानुसार

(आर.के. मेहरा)
सचिव, म.प्र.शासन
लोक निर्माण विभाग

पू० क्रमांक : एफ-53/2/2011/यो/19/ 2807

भोपाल, दिनांक 11.7.18

- प्रतिलिपि :-
1. प्रमुख संचालक, म.प्र. सड़क विकास निगम, भोपाल
 2. प्रमुख अभियंता, लोक निर्माण विभाग, भोपाल
 3. परियोजना संचालक, पी.आई.यू. लोक निर्माण विभाग, भोपाल
 4. समस्त मुख्य अभियंता, लोक निर्माण विभाग, म.प्र.
 5. समस्त अतिरिक्त परियोजना संचालक, पी.आई.यू. लो.नि.वि. म.प्र.
 6. समस्त अधीक्षण यंत्री, मण्डल कार्यालय, लोक निर्माण विभाग, म.प्र.
 7. समस्त कार्यपालन यंत्री, लोक निर्माण विभाग संभाग, म.प्र.
 8. समस्त सहायी परियोजना यंत्री, पी.आई.यू. लो.नि.वि. म.प्र.
 9. निज सचिव मा० मंत्रीजी, म.प्र.शासन, लोक निर्माण विभाग, भोपाल.
की ओर सूचनार्थ एवं आवश्यक कार्यवाही हेतु अग्रहित ।

सचिव,
मध्यप्रदेश शासन
लोक निर्माण विभाग

100

मध्यप्रदेश शासन
लोक निर्माण विभाग मंत्रालय
वल्लभ भवन, भोपाल

क्र. सं. एक - 58/ 24/15/19/यो

भोपाल दिनांक ...-8-2015

प्रति,

प्रमुख अभियंता
लोक निर्माण विभाग
27-28, निर्माण भवन, अरेय हिल्स,
भोपाल।

विषय:- विभाग में किये जा रहे डामरीकरण कार्यों में प्रयुक्त की जाने वाली मशीनरी के संबंध में।

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विभाग में चल रहे डामरीकरण कार्यों के संबंध में कार्यों की गुणवत्ता सुनिश्चित करने के लिये प्रयुक्त की जाने वाली मशीनरी के संबंध में निम्नानुसार निर्देश जारी किये जाते हैं:-

1. सड़कों के ऐसे समस्त कार्य जिनमें डामरीकरण के कार्य में डीबीएम तथा बीसी का प्रावधान रखा गया है, वहां पर न्युमेटिक टायर रोलर का उपयोग का प्रावधान निविदा प्रपत्र में किया जाये। ऐसे समस्त कार्य जिनमें डामरीकरण कार्य की लागत रु. 5 करोड़ से अधिक की है तथा जिनमें डीबीएम तथा बीसी का प्रावधान रखा गया है में आवश्यक रूप से न्युमेटिक रोलर के अतिरिक्त कम्प्यूटराईज्ड बैच, मिक्स प्लांटका भी प्रावधान निविदा प्रपत्र में किया जाये।
2. जहां भी मार्ग का कार्य डब्ल्यू एम एम लेयर अथवा उसके नीचे की लेयर्स से किया जाना है तथा डामरीकृत कार्य में डीबीएम एवं बीसी का प्रावधान है वहां डामरीकरण कार्य सेंसर पेपर से ही किया जाये। इस संबंध में डब्ल्यू एम एम की द्वितीय परत भी सेंसर पेपर से ही की जाये। जिससे डामरीकृत लेयर्स की मोटाई एक जैसी प्रावधानानुसार सुनिश्चित की जाकर डिजाईज्ड प्रोफाइल प्राप्त की जा सके।
3. डामरीकरण के कार्यों हेतु जो भी लोड प्लांट से साईट पर जायेंगे उनके संबंध में टेकेदार कम्प्यूटराईज्ड स्लिप विभाग को प्रस्तुत करेंगे किंतु यह स्पष्ट किया जाता है कि कम्प्यूटराईज्ड स्लिप गुणवत्ता का आधार नहीं मानी जायेगी तथा किये गये कार्य की गुणवत्ता संबंधित टेस्ट रिजल्ट्स के आधार पर ही आंकी जायेगी। कम्प्यूटराईज्ड स्लिप की जानकारी विभाग द्वारा फ्रॉस चेकिंग हेतु उपयोग में ली जा सकती है।

(सी. पी. अग्रवाल)

सचिव

म.प. शासन, लोक निर्माण विभाग

प्रतिलिपि:-

1. निज सहायक, मानवीय मंत्री जी लोक निर्माण विभाग भोपाल।
2. समस्त मुख्य अभियंता, लोक निर्माण विभाग, मध्यप्रदेश। मध्य परिसर जबलपुर
3. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, मध्यप्रदेश।
4. समस्त कार्यपालन यंत्री लोक निर्माण विभाग, मध्यप्रदेश।

अध्यक्ष स.ए.स. ल
88/3

सी.पी.

17

अ.प. शासन
88/3

(सी. पी. अय्याल)

सचिव

म.प. शासन, लोक निर्माण विभाग

6/8/2015

मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

कमांक 3125/2624/2016/19/यो

भोपाल दिनांक 06/05/2016

प्रति,

- 1 प्रबंध संचालक
म0प्र0 सड़क विकास निगम
भोपाल।
- 2 प्रमुख अभियंता,
लोक निर्माण विभाग
भोपाल।
- 3 परियोजना संचालक
लोक निर्माण विभाग
पी0आई0यू0 भोपाल।

विषय:- वर्क कान्ट्रैक्ट के दस्तावेजों पर पर्याप्त स्टाम्प शुल्क चुकाये जाने बाबत।

- संदर्भ:-
- 1 प्रमुख अभियंता का पत्र कं0 403/सा/044/2016/339 दिनांक 04.04.2016
 - 2 परियोजना संचालक लोक निर्माण विभाग पी0आई0यू0 का पत्र कमांक 6-11/2015/निविदा/विशेष शर्त/सा/पी0डी0/441 दिनांक 23.04.2016

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राज्य शासन एतद् द्वारा वर्क कान्ट्रैक्ट के दस्तावेजों पर पर्याप्त स्टाम्प शुल्क चुकाये जाने के संबंध में महानिरीक्षक पंजीयन एवं अधीक्षक मुद्रांक म0प्र0 भोपाल के पत्र कमांक 1502/तकनीकी-11/2016 दिनांक 22.03.2016 के अनुसार नियमानुसार कार्यवाही करने हेतु निर्देशित करता है।

सहपत्र:- एक

श्री देवत
N
9/4



म0प्र0 के राज्यपाल के नाम से
तथा आदेशानुसार

(चन्द्रप्रकाश अग्रवाल)

सचिव

म0प्र0 शासन लोक निर्माण विभाग
भोपाल दिनांक /05/2016

पू0 कमांक /2624/2016/19/यो

प्रतिलिपि:-

निज सचिव मान0 मंत्रीजी लोक निर्माण विभाग भोपाल की ओर सूचनार्थ प्रेषित।

सहपत्र:- शून्य

ह.ल.र

सचिव

म0प्र0 शासन लोक निर्माण विभाग



कार्यालय महानिरीक्षक-पंजीयन एवम् अधीक्षक मुद्रांक, मध्यप्रदेश, भोपाल
(पंजीयन भवन, प्लॉट 35-ए, अरेरा हिल्स, जिला न्यायालय के पीछे, भोपाल - 482011)

क्रमांक 1502/ तकनीकी-11/2016

भोपाल, दिनांक 22 मार्च, 2016

प्रति

प्रमुख अभियंता
लोक निर्माण विभाग/जल संसाधन विभाग/
लोक स्वास्थ्य यांत्रिकी विभाग
मध्यप्रदेश, भोपाल

विषय - वर्क कॉन्ट्रैक्ट के दस्तावेजों पर पर्याप्त स्टाम्प शुल्क चुकाए जाने बाबत।

उपर्युक्त विषयांतर्गत लेख है कि वर्क कॉन्ट्रैक्ट के दस्तावेज पर दिनांक 14.01.2016 से प्रभावशील प्रावधान के अनुसार न्यूनतम पांच सौ रूपए तथा अधिकतम उन्चीस हजार रूपए के अधीन रहते हुए ऐसे दस्तावेज द्वारा प्रतिभूत एकम अथवा मूल्य का 0.25 प्रतिशत स्टाम्प शुल्क प्रसारित किया गया है।

उक्त परिप्रेक्ष्य में कृपया समस्त अधीनस्थ अधिकारियों को निर्देशित करने का कष्ट करें कि वे उपर्युक्त विधिक प्रावधानों के परिप्रेक्ष्य में वर्क कॉन्ट्रैक्ट के दस्तावेज पर पर्याप्त स्टाम्प शुल्क चुकाया जाना सुनिश्चित करें, ताकि स्टाम्प शुल्क के रूप में शासन को प्राप्त होने वाले राजस्व की क्षति न हो।

7/11/16
31/3/16



पृष्ठांकन क्रमांक 1503/ तकनीकी-11/2016

भोपाल, दिनांक 22 मार्च, 2016

प्रतिलिपि -

1. प्रमुख सचिव, मध्यप्रदेश शासन, वाणिज्यिक कर विभाग, मंत्रालय, वल्लभ भवन, भोपाल।
2. प्रमुख सचिव, मध्यप्रदेश शासन, लोक निर्माण विभाग/जल संसाधन विभाग/लोक स्वास्थ्य यांत्रिकी विभाग, मंत्रालय, वल्लभ भवन, भोपाल।

30 MAR 2016
E. P.W.
P.P. P.W.



(प्रमोद खेमवाल)
प्रमुख सचिव
मध्य प्रदेश शासन, लो.नि.वि.
मंत्रालय, भोपाल

महानिरीक्षक पंजीयन
मध्यप्रदेश

कार्यालय प्रमुख अभियंता
लोक निर्माण विभाग मध्यप्रदेश

27-28, निर्माण भवन, प्रथम तल, अरेर हिल्स, भोपाल (म. प्र.)
Website: www.mppwd.gov.in Email: pwbhdp@mp.nic.in
Tel. No. -0755-2551485 Fax No.- 0755-2556527

क्रमांक/लौजिचि/2015/संचार/ 1063
प्रति,

भोपाल दिनांक 02-05-2015

समस्त मुख्य अभियंता/
समस्त अधीक्षण यंत्री/
समस्त कार्यपालन यंत्री
लोक निर्माण विभाग, मध्यप्रदेश।

विषय:- कांक्रीट मार्ग (रीजिड पेवमेंट) निर्माण के कार्यों में गुणवत्ता सुनिश्चित करने के संबंध में निर्देश।

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कतिपय प्रकरणों में यह देखने में आया है कि विभाग में कांक्रीट पेवमेंट के जो कार्य कराये जा रहे हैं वे निर्धारित मानक स्तर के नहीं हैं। ऐसी स्थिति में कांक्रीट पेवमेंट में या तो गहरे क्रेक्स परिलक्षित होते हैं अथवा मार्ग की सतह अत्यंत खराब हो जाती है। इस प्रकार की परिस्थिति पीक्यूसी कार्य में प्रयुक्त की जा रही कांक्रीट की अल्प गुणवत्ता के कारण ही मुख्यतः होती है।

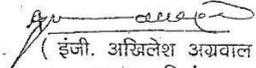
उपरोक्त परिस्थितियों को ध्यान में रखते हुये कांक्रीट पेवमेंट की गुणवत्ता सुनिश्चित करने के मान से निम्नानुसार निर्देश प्रसारित किये जाते हैं:-

- अ. कांक्रीट मार्ग के निर्माण हेतु एमओआरटी एण्ड एच, आई आर सी एवं आई एस के संबंधित निर्देशों / मापदण्डों का पालन किया जाये।
- ब. गुणवत्ता की दृष्टि से इन कार्यों के संबंध में निम्नानुसार मुख्य बिन्दुओं का पालन आवश्यक रूप से सुनिश्चित किया जाये -
 1. ड्रायलीन कांक्रीट के कार्य पर प्रत्येक 1000 वर्गमीटर के कार्य हेतु काम्प्रेसिव स्ट्रेंथ की टेस्टिंग के लिये कम से कम 3 सेम्पल्स लिये जायें (संदर्भ आई एस 516 एवं एम ओ आर टी एण्ड एच क्लाज 903.5.1.1)।
 2. पेवमेंट कांक्रीट के कार्य पर प्रत्येक 150 क्यूबिक मीटर कार्य के लिये कम से कम 3 बीम एवं 3 क्यूब स्पेसिमेन लिये जायें। 1 स्पेसिमेन में 6 क्यूब तथा 6 बीम होंगे जिनमें से तीन 7 दिवस के पश्चात तथा तीन 28 दिवस के पश्चात टेस्ट किये जायेंगे। यदि एक कार्य दिवस में 150 क्यूबिक मीटर से कम कार्य किया जाता है तो भी कम से कम उपरोक्तानुसार 3-3 स्पेसिमेन लिये जाने होंगे (संदर्भ आई एस 516 एवं एम ओ आर टी एण्ड एच क्लाज 903.5.2.1)।

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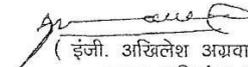
3. पेवमेंट कांक्रिट का कार्य किये जाने के पश्चात बीम एवं कांक्रिट क्यूइस की 7 दिवस स्ट्रेथ टैक पाये जाने पर टेकेदार को संबंधित कार्य का 50 प्रतिशत भुगतान किया जा सकेगा। कारिंटिंग के 28 दिवस पश्चात पेवमेंट से कोर कटर के माध्यम से सेम्पलस लिये जाकर तथा उनकी टेस्टिंग विभागीय एवं एनएबीएल प्रयोगशालाओं में पूर्व निर्देशों के अनुसार किये जाने तथा किया गया कार्य मापदण्ड के अनुसार पाये जाने पर ही शेष 50 प्रतिशत राशि का भुगतान किया जाये। यह स्पष्ट किया जाता है कि यदि कार्य 28 दिवस की टेस्टिंग में मानक अनुसार (मोटाई एवं काम्प्रेसिव स्ट्रेथ के मान से) नहीं पाया जाता है तो संबंधित कार्य अमान्य करते हुये, इसके विरुद्ध पूर्व में किये गये 50 प्रतिशत भुगतान की रिकवरी तत्काल संबंधित बिल से की जाये।
4. यह स्पष्ट किया जाता है कि सामान्यतः कोर हेतु 1 कि.मी. लंबाई के कार्य में 3 कोर सेम्पल लिये जायें। 1 कि.मी. से कम लंबाई के कार्य में 2 सेम्पल भी लिये जा सकते हैं। सेम्पल ऐसे स्थानों से लिये जायें जहां विजुअल इस्पेक्शन से कांक्रिट की गुणवत्ता संदेहास्पद है। जहां से भी सेम्पल लिये जायें उस होल को तत्काल एम40 कांक्रिट से भरवाया जाना भी सुनिश्चित किया जाये।
5. भविष्य में जिन कार्यों पर कांक्रिट पेवमेंट का पूर्ण अथवा आंशिक कार्य किया जाना है उनमें निविदा बुलाते समय इस परिपत्र को निविदा प्रारूप का भाग बनाया जाये।


(इंजी. अखिलेश अग्रवाल)
प्रमुख अभियंता
लोक निर्माण विभाग मध्यप्रदेश

पृ. क्रमांक/लोनवि/संचार/2015/ 1070
प्रतिलिपि:-

भोपाल, दिनांक 02-05-2015

1. विशेष सहायक, माननीय मंत्री जी, म.प्र. शासन लोक निर्माण विभाग भोपाल।
2. प्रमुख सचिव, म.प्र. शासन, लोक निर्माण विभाग, मंत्रालय, भोपाल।
3. वरिष्ठ निज सहायक, प्रमुख अभियंता लोक निर्माण विभाग भोपाल।


(इंजी. अखिलेश अग्रवाल)
प्रमुख अभियंता
लोक निर्माण विभाग मध्यप्रदेश

कार्यालय प्रमुख अभियंता

लोक निर्माण विभाग मध्यप्रदेश

27-28, निर्माण भवन, प्रथम तल, अरेरा हिल्स, भोपाल (म. प्र.)

Website : www.mppwd.gov.in

Email : pwdhop@mp.nic.in

Telephone No.-0755-2551485 Fax No.- 0755-2556527

क्र संचार/लोनवि/सर्कुलर /2016/ 2629

भोपाल दिनांक 09-8-2016

प्रति,

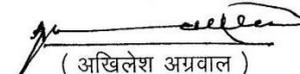
समस्त मुख्य अभियंता,
म.प्र. लोक निर्माण विभाग,
..... परिक्षेत्र

विषय:- मार्ग निर्माण कार्यों में फ्लाई ऐश उपयोग करने बाबत।

विभाग में फ्लाई ऐश से अर्थ वर्क के कार्य हेतु पूर्व जारी किये गये निर्देशों को अधिक्रमित करते हुये निम्नानुसार निर्देश जारी किये जाते हैं:-

1. सड़कों के इम्बेकमेंट का कार्य आई.आर.सी. स्पेशल पब्लिकेशन 58-2001 के अनुसार किया जाये।
2. ऐसे सड़क कार्य तथा आर.ओ.बी. के कार्य जिसमें इम्बेकमेंट की ऊँचाई 3 मीटर से अधिक हो में फ्लाई ऐश का उपयोग अनिवार्य रूप से किया जाये। यहां पर यह स्पष्ट किया जाता है जिसमें आर.ई.वाल का निर्माण किया जाना है उसमें फ्लाई ऐश का उपयोग न किया जाये।

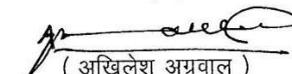
यह निर्देश केवल उन्हीं प्रकरणों में प्रभावशील होंगे जिसमें निर्माण कार्य थर्मल स्टेशन से 300 किलोमीटर की दूरी की परिधि में हों। उपरोक्तानुसार निर्देशों का कड़ाई से पालन किया जाये तथा इसे अनुबंध का हिस्सा भी बनाया जाये।


(अखिलेश अग्रवाल)
प्रमुख अभियंता
लोक निर्माण विभाग, मध्यप्रदेश

पृ. क्र. संचार/लोनवि/सर्कुलर /2016/ 2630
प्रतिलिपि -

भोपाल दिनांक 09-8-2016

1. निज सहायक, माननीय मंत्रीजी लोक निर्माण विभाग ।
2. प्रमुख सचिव, म.प्र. शासन, लोक निर्माण विभाग, भोपाल ।
3. समस्त अधीक्षण यंत्री, म.प्र. लोक निर्माण विभाग
4. समस्त कार्यपालन यंत्री, म.प्र. लोक निर्माण विभाग
5. आई.टी.सेल, कार्यालय प्रमुख अभियंता, लोक निर्माण विभाग, भोपाल की ओर। परिपत्र मेल से समस्त संबंधित को प्रेषित किये जाने एवं विभाग की वेबसाइट पर अपलोड किये जाने हेतु अग्रेषित ।


(अखिलेश अग्रवाल)
प्रमुख अभियंता
लोक निर्माण विभाग, मध्यप्रदेश

कार्यालय प्रमुख अभियंता,

म.प्र. लोक निर्माण विभाग, 27-28, निर्माण भवन, प्रथम तल, अरेरा हिल्स, भोपाल

Website : www.mppwd.gov.in

Email : pwdbhop@mp.nic.in

Phone No. - 0755-2551485, Fax - 2556527

क्रमांक/लोनवि/2016/सर्कुलर/संचार/3625 भोपाल, दिनांक 25/10/2016
प्रति,

समस्त मुख्य अभियंता,
समस्त अधीक्षण यंत्री,
समस्त कार्यपालन यंत्री,
लोक निर्माण विभाग, मध्यप्रदेश ।

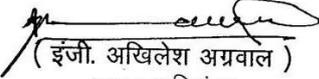
विषय :- कांक्रीट मार्ग (रीजिड पेवमेंट) निर्माण के कार्यों में गुणवत्ता सुनिश्चित करने के संबंध में निर्देश।

संदर्भ:- इस कार्यालय का परिपत्र क्रमांक लोनवि/2015/संचार/1069 भोपाल दिनांक 2-5-2016

उपरोक्त संदर्भित परिपत्र के बिन्दु क्रमांक-3 में निम्नानुसार आंशिक संशोधन किया जाता है।

पेवमेंट कांक्रीट का कार्य किये जाने के पश्चात बीम एवं कांक्रीट की 7 दिवस की स्ट्रेंथ ठीक पाये जाने पर ठेकेदार को संबंधित कार्य का 50 प्रतिशत भुगतान किये जाने के प्रावधान के स्थान पर 75 प्रतिशत का भुगतान किया जाये। शेष 25 प्रतिशत भुगतान 28 दिवस के पश्चात कार्य मापदण्डानुसार पाये जाने पर किया जाये। शेष निर्देश पूर्वानुसार ही रहेंगे।

उपरोक्त निर्देशों का कड़ाई से पालन किया जाना सुनिश्चित किया जाये।


(इंजी. अखिलेश अग्रवाल)
प्रमुख अभियंता
लोक निर्माण विभाग मध्यप्रदेश

पृ. क्रमांक/लोनवि/2016/सर्कुलर/संचार/
प्रतिलिपि -

भोपाल, दिनांक 25/10/2016

1. विशेष सहायक, माननीय मंत्री जी, म.प्र. शासन, लोक निर्माण विभाग भोपाल।
2. प्रमुख सचिव, म.प्र. शासन, लोक निर्माण विभाग, मंत्रालय, भोपाल।
3. वरिष्ठ निज सहायक, प्रमुख अभियंता लोक निर्माण विभाग निर्माण भवन अरेरा हिल्स, भोपाल।

(इंजी. अखिलेश अग्रवाल)
प्रमुख अभियंता
लोक निर्माण विभाग मध्यप्रदेश

SECTION 3 (Conditions of Contract)
Part - II Special Conditions of Contract [SCC]
Additional Special Conditions of Contract

BIDDERS ARE REQUIRED TO OFFER THEIR BIDS EXCLUSIVE OF APPLICABLE GST. THE GST SHALL BE PAID BY THE GOVT. TO THE CONTRACTOR SEPARATELY.

मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

क्रमांक 4977/6871/2017/19/यो
प्रति,

भोपाल, दिनांक 23/09/2017

- ✓ प्रमुख अभियंता,
लोक निर्माण विभाग,
भोपाल।
- 2 प्रबंध संचालक,
म.प्र. रोड डेव्लपमेंट कार्पो. लि.,
भोपाल।
- 3 समस्त मुख्य अभियंता (रा.रा. सहित),
लोक निर्माण विभाग,
म.प्र.

विषय: सड़क मार्गों में वर्तमान अनुबंधों के अंतर्गत परफारमेंस गारंटी को समाप्त किया जाना।
संदर्भ: प्रमुख अभियंता लोक निर्माण विभाग भोपाल का पत्र क्र. 401/सा/विविध/
103/2016/1080 दिनांक 17.11.2016

म.प्र. शासन लोक निर्माण विभाग के पत्र क्र. एफ-41/1/9/यो/0 दिनांक
31.10.2005 से सड़क मार्गों में वर्तमान अनुबंधों के अंतर्गत परफारमेंस गारंटी को समाप्त किये
जाने के आदेश जारी किये गये थे, के सम्बन्ध में राज्य शासन एतद् द्वारा इस आदेश के
तारतम्य में निम्न निर्देश जारी किये जाते हैं।

उन सड़कों पर जहाँ राज्य शासन अथवा सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत
सरकार द्वारा पुनः किसी अन्य योजना में मार्ग का उन्नयन करने की स्वीकृति जारी की जाती
है, वहाँ निम्न तालिकाओं के अनुसार राशि वसूल कर परफारमेंस गारंटी की शेष राशि ठेकेदार
द्वारा विमुक्त की जाये।

तालिका क्रमांक-1

(3 वर्ष की पी.जी. हेतु)

पूर्ण किये गये वर्ष (वास्तविक पूर्णता की तिथि)	वसूली जाने वाली राशि (कुल परफारमेंस गारंटी राशि का प्रतिशत)	विमुक्त की जाने वाली राशि (कुल परफारमेंस गारंटी राशि का प्रतिशत)
प्रथम वर्ष तक	प्रथम तिमाही	60 प्रतिशत
	द्वितीय तिमाही	55 प्रतिशत
	तृतीय तिमाही	50 प्रतिशत
	चतुर्थ तिमाही	45 प्रतिशत
1 से 2 वर्ष तक	प्रथम तिमाही	40 प्रतिशत
	द्वितीय तिमाही	35 प्रतिशत
	तृतीय तिमाही	30 प्रतिशत
	चतुर्थ तिमाही	25 प्रतिशत
2 से 3 वर्ष तक	प्रथम तिमाही	20 प्रतिशत
	द्वितीय तिमाही	15 प्रतिशत
	तृतीय तिमाही	10 प्रतिशत
	चतुर्थ तिमाही	05 प्रतिशत
3 से 4 वर्ष तक	-	00 प्रतिशत

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श्री 25/10
साभाय
CEEP
25/4/76
9/10/17

प्रकरण क्रं.-2 : वे सड़के जिनकी परफारमेंस गारंटी अवधि (4 वर्ष) हो।

जहाँ 4 वर्ष की परफारमेंस गारंटी हो वहाँ परफारमेंस गारंटी में से वसूली एवं विमुक्त की जाने वाली राशि तालिका क्रमांक-2 के अनुसार होगी।

तालिका क्रमांक-2

(4 वर्ष की पी.जी. हेतु)

पूर्ण किये गये वर्ष (वास्तविक पूर्णता की तिथि)		वसूली जाने वाली राशि (कुल परफारमेंस गारंटी राशि का प्रतिशत)	विमुक्त की जाने वाली राशि (कुल परफारमेंस गारंटी राशि का प्रतिशत)
प्रथम वर्ष तक	प्रथम तिमाही	60 प्रतिशत	40 प्रतिशत
	द्वितीय तिमाही	56.25 प्रतिशत	43.75 प्रतिशत
	तृतीय तिमाही	52.50 प्रतिशत	47.50 प्रतिशत
	चतुर्थ तिमाही	48.75 प्रतिशत	51.25 प्रतिशत
1 से 2 वर्ष (द्वितीय वर्ष)	प्रथम तिमाही	45.00 प्रतिशत	55.00 प्रतिशत
	द्वितीय तिमाही	41.25 प्रतिशत	58.75 प्रतिशत
	तृतीय तिमाही	37.50 प्रतिशत	62.5 प्रतिशत
	चतुर्थ तिमाही	33.75 प्रतिशत	66.25 प्रतिशत
शेष (तृतीय वर्ष)	प्रथम तिमाही	30 प्रतिशत	70 प्रतिशत
	द्वितीय तिमाही	26.25 प्रतिशत	73.75 प्रतिशत
	तृतीय तिमाही	22.50 प्रतिशत	77.50 प्रतिशत
	चतुर्थ तिमाही	18.75 प्रतिशत	81.25 प्रतिशत
शेष (तृतीय वर्ष)	प्रथम तिमाही	15.00 प्रतिशत	85.00 प्रतिशत
	द्वितीय तिमाही	11.25 प्रतिशत	88.75 प्रतिशत
	तृतीय तिमाही	7.50 प्रतिशत	92.50 प्रतिशत
	चतुर्थ तिमाही	3.75 प्रतिशत	96.25 प्रतिशत
4 से अधिक		0 प्रतिशत	100 प्रतिशत

तालिका क्रमांक-3

(5 वर्ष की पी.जी. हेतु)

पूर्ण किये गये वर्ष (वास्तविक पूर्णता की तिथि)		वसूली जाने वाली राशि (कुल परफारमेंस गारंटी राशि का प्रतिशत)	विमुक्त की जाने वाली राशि (कुल परफारमेंस गारंटी राशि का प्रतिशत)
प्रथम वर्ष तक	प्रथम तिमाही	60 प्रतिशत	40 प्रतिशत
	द्वितीय तिमाही	57.5 प्रतिशत	42.5 प्रतिशत
	तृतीय तिमाही	55.00 प्रतिशत	45.00 प्रतिशत
	चतुर्थ तिमाही	52.5 प्रतिशत	47.5 प्रतिशत
1 से 2 वर्ष (द्वितीय वर्ष)	प्रथम तिमाही	50.00 प्रतिशत	50.00 प्रतिशत
	द्वितीय तिमाही	47.50 प्रतिशत	52.05 प्रतिशत
	तृतीय तिमाही	45.00 प्रतिशत	54.00 प्रतिशत
	चतुर्थ तिमाही	42.50 प्रतिशत	56.00 प्रतिशत

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2 से 3 वर्ष (तृतीय वर्ष)	प्रथम तिमाही	40.00 प्रतिशत	60.00 प्रतिशत
	द्वितीय तिमाही	37.5 प्रतिशत	62.5 प्रतिशत
	तृतीय तिमाही	35.00 प्रतिशत	65.00 प्रतिशत
	चतुर्थ तिमाही	32.5 प्रतिशत	67.5 प्रतिशत
3 से 4 वर्ष (चतुर्थ वर्ष)	प्रथम तिमाही	30.00 प्रतिशत	70.00 प्रतिशत
	द्वितीय तिमाही	27.5 प्रतिशत	72.5 प्रतिशत
	तृतीय तिमाही	25.00 प्रतिशत	75.00 प्रतिशत
	चतुर्थ तिमाही	22.5 प्रतिशत	77.5 प्रतिशत
4 से 5 वर्ष (पंचम वर्ष)	प्रथम तिमाही	20.00 प्रतिशत	80.00 प्रतिशत
	द्वितीय तिमाही	15.00 प्रतिशत	85.00 प्रतिशत
	तृतीय तिमाही	10.00 प्रतिशत	90.00 प्रतिशत
	चतुर्थ तिमाही	05.00 प्रतिशत	95.00 प्रतिशत
5 वर्ष से अधिक	-	0 प्रतिशत	100 प्रतिशत

इस संबंध में कार्यवाही करते समय निम्न बिन्दुओं का विशेष ध्यान रखा जावे :-

- 1- उक्त निर्देश प्रदेश के अधीन सभी राष्ट्रीय राजमार्गों, राज्य राजमार्गों, मुख्य जिला मार्गों, अन्य जिला मार्गों एवं ग्रामीण मार्गों पर लागू होंगे।
- 2- उपरोक्त निर्देशों को भविष्य में बुलाई जाने वाली निविदाओं में विशेष शर्त के रूप में सम्मिलित किया जाये।
- 3- मण्डी निधि तथा सी.आर.एफ. योजना में निर्मित सड़कों पर यह कार्यवाही केवल अति-आवश्यक स्थिति निर्मित होने पर ही की जाये।
- 4- यह पुनः स्पष्ट किया जाता है कि निर्धारित अवधि से पूर्व परफारमेंस गारन्टी आंशिक रूप से विमुक्त करने की कार्यवाही उन्हीं मार्गों के लिए की जाये, जिन पर राज्य शासन द्वारा अथवा सड़क परिवहन एवं राजमार्ग मंत्रालय, भारत सरकार द्वारा किसी अन्य योजना में मार्ग के उन्नयन/पुनर्निर्माण के लिए स्वीकृति जारी की गई हो।

सहपत्र:- शून्य

म0प्र0 के राज्यपाल के नाम से
तथा अमदेशानुसार

(चन्द्रप्रकाश अग्रवाल)
सचिव

म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक 23/09/2017

पृ0क्रमांक 4578/6871/2017/19/यो
प्रतिलिपि:-

- 1- समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, म.प्र.।
 - 2- समस्त कार्यपालन यंत्री, लोक निर्माण विभाग, म.प्र. (राष्ट्रीय राजमार्ग संभाग सहित)
 - 3- निज सचिव, माननीय मंत्री जी लोक निर्माण विभाग, भोपाल।
- की ओर सूचनार्थ (केवल स.क्र. 3 हेतु) एवं आवश्यक कार्यवाही हेतु अग्रेषित।

सहपत्र:- शून्य

म0प्र0 शासन, लोक निर्माण विभाग

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मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

P

क्रमांक एफ-58/5/2012/19/यो/138
प्रति,

भोपाल, दिनांक 08/01/2018

✓ प्रमुख अभियंता,
लोक निर्माण विभाग,
निर्माण भवन, भोपाल।

2 परियोजना संचालक,
लोक निर्माण विभाग,
परियोजना क्रियान्वयन ईकाई,
भोपाल।

विषय: लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में।

- संदर्भ: 1. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718 दिनांक 16.09.2013
2. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718 दिनांक 29.01.2016
3. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/3567 दिनांक 27.06.2016

लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में शासन के समसंख्यक ज्ञाप दिनांक 27.06.2016 में निम्नानुसार संशोधन किया जाता है :-

लोक निर्माण विभाग भवन/पथ एवं पी.आई.यू. के अधीनस्थ चल रहे सभी मूल निर्माण कार्यों एवं मजबूतीकरण/नवीनीकरण कार्यों में प्रयुक्त होने वाली सामग्री एवं सम्पादित किये गये कार्यों का परीक्षण केवल लोक निर्माण विभाग की विभागीय प्रयोगशालाओं से ही कराये जाये। अधीक्षण यंत्री या उनसे वरिष्ठ अधिकारी ISO/IEC 17011 के अनुसार कार्य करने वाली संस्था यथा NABL या अन्य कोई एक्कीडेंटिंग संस्था जो कि प्रयोगशालाओं को ISO/IEC 17025 के अनुसार ऐक्रीडिट करती है, से टेस्ट कराने हेतु अनुमति प्रदान कर सकते है।

उपरोक्त निर्देश तत्काल प्रभाव से लागू किये जाते है।

CE (R/P)
CE (P)
11/01/18

Chandra Prakash
8.1.2018

(चन्द्रप्रकाश अग्रवाल)

सचिव

म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक

सोमनाथ
12/01/18

क्रमांक एफ-58/5/2012/19/यो
प्रतिलिपि :-

1. समस्त मुख्य अभियंता, लोक निर्माण विभाग, परिक्षेत्र
2. समस्त अतिरिक्त परियोजना संचालक, लो.नि.वि., पी.आई.यू.
3. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, मण्डल
4. समस्त कार्यपालन यंत्री, लोक निर्माण विभाग, संभाग
5. समस्त संभागीय परियोजना यंत्री, लोक निर्माण विभाग, पी.आई.यू.

259630
12/01/18

भवन
CE भवन
12/01/18

सचिव

म0प्र0 शासन, लोक निर्माण विभाग

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मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

P

क्रमांक एफ-58/5/2012/19/यो/138
प्रति.

भोपाल, दिनांक 08/01/2018

प्रमुख अभियंता,
लोक निर्माण विभाग,
निर्माण भवन, भोपाल।

2 परियोजना संचालक,
लोक निर्माण विभाग,
परियोजना क्रियान्वयन ईकाई,
भोपाल।

विषय: लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में।
संदर्भ: 1. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718
दिनांक 16.09.2013
2. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718
दिनांक 29.01.2016
3. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/3567
दिनांक 27.06.2016

लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में शासन के समसंख्यक ज्ञाप दिनांक 27.06.2016 में निम्नानुसार संशोधन किया जाता है :-

लोक निर्माण विभाग भवन/पथ एवं पी.आई.यू. के अधीनस्थ चल रहे सभी मूल निर्माण कार्यों एवं मजबूतीकरण/नवीनीकरण कार्यों में प्रयुक्त होने वाली सामग्री एवं सम्पादित किये गये कार्यों का परीक्षण केवल लोक निर्माण विभाग की विभागीय प्रयोगशालाओं से ही कराये जाये। अधीक्षण यंत्री या उनसे वरिष्ठ अधिकारी ISO/IEC 17011 के अनुसार कार्य करने वाली संस्था यथा NABL या अन्य कोई एकीकृत संस्था जो कि प्रयोगशालाओं को ISO/IEC 17025 के अनुसार ऐक्रेडिट करती है, से टेस्ट कराने हेतु अनुमति प्रदान कर सकते हैं।

उपरोक्त निर्देश तत्काल प्रभाव से लागू किये जाते हैं।

(Handwritten Signature)
8.1.2018
(चन्द्रप्रकाश अग्रवाल)
सचिव
म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक

CE (AP)
CB (P)
11/01/18
12.01.18
259630
12/01/18
शिवान

क्रमांक एफ-58/5/2012/19/यो
प्रतिलिपि :-

1. समस्त मुख्य अभियंता, लोक निर्माण विभाग, परिक्षेत्र
2. समस्त अतिरिक्त परियोजना संचालक, लो.नि.वि., पी.आई.यू.
3. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, मण्डल
4. समस्त कार्यपालन यंत्री, लोक निर्माण विभाग, संभाग
5. समस्त संभागीय परियोजना यंत्री, लोक निर्माण विभाग, पी.आई.यू.

सचिव
म0प्र0 शासन, लोक निर्माण विभाग

08 Jan 2018 PM 03:56:01

**OFFICE OF THE ENGINEER-IN-CHIEF
MADHYA PRADESH PUBLIC WORKS DEPARTMENT
27-28 Nirman Bhawan Arera Hills, Bhopal (M.P.)**

Website : www.mppwd.gov.in

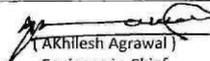
Email: pwwbhop@mp.nic.in

Tel . No. 0755-2551485, Fax 2556527

**SCHEDULE OF RATES FOR ROAD & BRIDGE WORKS (w.e.f. 29-08-2017)
(ERRATA/AMMENDMENT/ ADDENDUM No. 2)**

The following Amendments are made in the SOR for Road & Bridge Works issued by The Engineer-in-Chief MP PWD w.e.f 29-08-2017

Ref.	Existing text	Ammdened text
General Notes Road Works, Note No. 3) Page No. 4	Note No. 3 The rates for any items shall include all such activities which are described in the corresponding items of "Specifications for road and bridge works" (5th Revision). In addition to these activities the rates shall be deemed to include charges for lease of borrow areas/ mines, royalty of material consumed in the works, any other taxes/toll imposed etc. if any, unless otherwise provided in the contract.	Note No. 3 The rates for any items shall include all such activities which are described in the corresponding items of "Specifications for road and bridge works" (5th Revision). In addition to these activities the rates shall be deemed to include charges for lease of borrow areas/ mines, royalty of material consumed in the works, any other taxes /toll imposed etc. if any, except GST unless otherwise provided in the contract.
General Notes Bride Works , Note No. 12 Page No. 7	12). ROYALTY AND OTHER TAXES Royalty, Octroi duty and all other taxes are included in the rates. No extra on this account shall be payable unless otherwise provided in the contract.	12). ROYALTY AND OTHER TAXES Royalty, Octroi duty and all other taxes except GST are included in the rates. No extra on this account shall be payable unless otherwise provided in the contract.


(AKhilesh Agrawal)
Engineer-in-Chief
MP PWD, Bhopal
Bhopal, dated 16-10-2017

Endt. No. SOR/Road/Comm./2016/ 44/4

Copy is forwarded to :

1. PA to Hon'ble Minister, PWD Bhopal.
2. The Principal Secretary, Govt. of M.P. MP PWD, Bhopal.
3. The Director General (Road Development), Ministry of Road Transport & Highway (Road Wing), Transport, New Delhi.
4. The Secretary to The Govt. of MP PWD, Bhopal.
5. The Chief Technical Examiner, MP Bhopal.
6. The Commissoiner, Housing & Environment, Bhopal.
7. The Accountant General, MP Gwalior/ Bhopal.
8. The Secretary, Lokayukta, MP Bhopal.
9. All Chief Engineers MP PWD.
10. The Engineer in Chief, MPRDC, Bhopal.
11. The Chief Engineer, Rural Engineer Services MP Bhopal.
12. The Commissioner, Bhopal.
13. The Collector, Bhopal.
14. The Superintending Engineer, Capital Project Circle, CPA Bhopal.
15. All Superintending Engineer MP PWD.
16. All Executive Engineer, MP PWD.


(AKhilesh Agrawal)
Engineer-in-Chief
MP PWD, Bhopal

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मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

P

क्रमांक एफ-58/5/2012/19/यो/138
प्रति.

भोपाल, दिनांक 08/01/2018

प्रमुख अभियंता,
लोक निर्माण विभाग,
निर्माण भवन, भोपाल।

2 परियोजना संचालक,
लोक निर्माण विभाग,
परियोजना क्रियान्वयन ईकाई,
भोपाल।

विषय: लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में।
संदर्भ: 1. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718
दिनांक 16.09.2013
2. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718
दिनांक 29.01.2016
3. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/3567
दिनांक 27.06.2016

लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में शासन के समसंख्यक ज्ञाप दिनांक 27.06.2016 में निम्नानुसार संशोधन किया जाता है :-

लोक निर्माण विभाग भवन/पथ एवं पी.आई.यू. के अधीनस्थ चल रहे सभी मूल निर्माण कार्यों एवं मजबूतीकरण/नवीनीकरण कार्यों में प्रयुक्त होने वाली सामग्री एवं सम्पादित किये गये कार्यों का परीक्षण केवल लोक निर्माण विभाग की विभागीय प्रयोगशालाओं से ही कराये जाये। अधीक्षण यंत्री या उनसे वरिष्ठ अधिकारी ISO/IEC 17011 के अनुसार कार्य करने वाली संस्था यथा NABL या अन्य कोई एकीकृत संस्था जो कि प्रयोगशालाओं को ISO/IEC 17025 के अनुसार ऐक्रेडिट करती है, से टेस्ट कराने हेतु अनुमति प्रदान कर सकते हैं।

उपरोक्त निर्देश तत्काल प्रभाव से लागू किये जाते हैं।

(Handwritten Signature)
8.1.2018
(चन्द्रप्रकाश अग्रवाल)
सचिव
म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक

CE (AP)
CB (P)
11/01/18
12.01.18

क्रमांक एफ-58/5/2012/19/यो
प्रतिलिपि :-

1. समस्त मुख्य अभियंता, लोक निर्माण विभाग, परिक्षेत्र
2. समस्त अतिरिक्त परियोजना संचालक, लो.नि.वि., पी.आई.यू.
3. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, मण्डल
4. समस्त कार्यपालन यंत्री, लोक निर्माण विभाग, संभाग
5. समस्त संभागीय परियोजना यंत्री, लोक निर्माण विभाग, पी.आई.यू.

सचिव
म0प्र0 शासन, लोक निर्माण विभाग

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12/01/18

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CE (AP)
12/01/18

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मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

P

क्रमांक एफ-58/5/2012/19/यो/138
प्रति,

भोपाल, दिनांक 08/01/2018

✓ प्रमुख अभियंता,
लोक निर्माण विभाग,
निर्माण भवन, भोपाल।

2 परियोजना संचालक,
लोक निर्माण विभाग,
परियोजना क्रियान्वयन ईकाई,
भोपाल।

विषय: लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में।

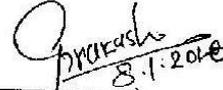
- संदर्भ: 1. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718 दिनांक 16.09.2013
2. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718 दिनांक 29.01.2016
3. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/3567 दिनांक 27.06.2016

लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में शासन के समसंख्यक ज्ञाप दिनांक 27.06.2016 में निम्नानुसार संशोधन किया जाता है :-

लोक निर्माण विभाग भवन/पथ एवं पी.आई.यू. के अधीनस्थ चल रहे सभी मूल निर्माण कार्यों एवं मजबूतीकरण/नवीनीकरण कार्यों में प्रयुक्त होने वाली सामग्री एवं सम्पादित किये गये कार्यों का परीक्षण केवल लोक निर्माण विभाग की विभागीय प्रयोगशालाओं से ही कराये जाये। अधीक्षण यंत्री या उनसे वरिष्ठ अधिकारी ISO/IEC 17011 के अनुसार कार्य करने वाली संस्था यथा NABL या अन्य कोई एक्कीडेंटिंग संस्था जो कि प्रयोगशालाओं को ISO/IEC 17025 के अनुसार ऐक्रीडिट करती है, से टेस्ट कराने हेतु अनुमति प्रदान कर सकते है।

उपरोक्त निर्देश तत्काल प्रभाव से लागू किये जाते है।

CE (R/R)
CE (P)
11/01/18


8.1.2018
(चन्द्रप्रकाश अग्रवाल)
सचिव

म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक

259630
12/01/18
भवन
CE भवन
12/01/18

क्रमांक एफ-58/5/2012/19/यो
प्रतिलिपि :-

1. समस्त मुख्य अभियंता, लोक निर्माण विभाग, परिक्षेत्र
2. समस्त अतिरिक्त परियोजना संचालक, लो.नि.वि., पी.आई.यू.
3. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, मण्डल
4. समस्त कार्यपालन यंत्री, लोक निर्माण विभाग, संभाग
5. समस्त संभागीय परियोजना यंत्री, लोक निर्माण विभाग, पी.आई.यू.

सचिव

म0प्र0 शासन, लोक निर्माण विभाग

मध्यप्रदेश शासन
लोक निर्माण विभाग मंत्रालय
भोपाल

क्रमांक **एफ-53-55-2018-19-यो-1154** भोपाल, दिनांक 23./03/2018

— आदेश —

मध्यप्रदेश शासन लोक निर्माण विभाग के आदेश क्रमांक एफ-53/16/2012/19/यो भोपाल, दिनांक 01-01-2014 द्वारा मध्यप्रदेश वर्क्स डिपार्टमेंट मैनुअल 1983 के वॉल्युम-II की अपेण्डिक्स 2.10, 2.10ए, 2.13, 2.13ए, 2.14 एवं 2.14ए के अनुसार लागू प्रपत्रों को विलोपित कर उनके स्थान पर सिर्फ प्रतिशत दर आधारित नवीन निविदा प्रपत्र अपेण्डिक्स 2.10 के रूप में प्रतिस्थापित किया गया था। तदानुसार जारी किये गये नवीन निविदा प्रपत्र (दिनांक 1-1-2014 से लागू) के कतिपय प्रावधानों के संबंध में निविदा स्वीकृति की प्रक्रिया को पारदर्शी बनाने एवं टेण्डर डाक्यूमेंट के संशोधन हेतु शासन द्वारा अपर मुख्य सचिव, जल संसाधन विभाग की अध्यक्षता में गठित समिति द्वारा विचार किया जाकर अनुशंसा की गई हैं।

समिति की अनुशंसाओं के अनुक्रम में राज्य शासन एतद्वारा निविदा प्रपत्र (वर्क्स डिपार्टमेंट मैनुअल वॉल्युम-II की अपेण्डिक्स 2.10) में निम्नानुसार संशोधन करता है :-

- 1 निविदा प्रपत्र की जनरल कंडीशन्स आफ कांट्रैक्ट के वर्तमान क्लॉज 14.1, 14.2 एवं 14.3 को विलोपित करते हुये निम्नानुसार नवीन क्लॉज 14.1, 14.2 एवं 14.3 प्रतिस्थापित किये जाते हैं -

Sl. No.	Existing Provision	Proposed Provision
1.	14.1 If the contractor desires an extension of time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other grounds, he shall apply, in writing, to the Engineer-in-Charge, on account of which he desires such extension. Engineer-in-Charge shall forward the aforesaid application to the Competent Authority as prescribed.	14.1 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



मध्यप्रदेश शासन
लोक निर्माण विभाग मंत्रालय
भोपाल

क्रमांक **एफ-53-55-2018-19-यो-1154** भोपाल, दिनांक 23./03/2018

— आदेश —

मध्यप्रदेश शासन लोक निर्माण विभाग के आदेश क्रमांक एफ-53/16/2012/19/यो भोपाल, दिनांक 01-01-2014 द्वारा मध्यप्रदेश वर्क्स डिपार्टमेंट मैनुअल 1983 के वॉल्युम-II की अपेण्डिक्स 2.10, 2.10ए, 2.13, 2.13ए, 2.14 एवं 2.14ए के अनुसार लागू प्रपत्रों को विलोपित कर उनके स्थान पर सिर्फ प्रतिशत दर आधारित नवीन निविदा प्रपत्र अपेण्डिक्स 2.10 के रूप में प्रतिस्थापित किया गया था। तदानुसार जारी किये गये नवीन निविदा प्रपत्र (दिनांक 1-1-2014 से लागू) के कतिपय प्रावधानों के संबंध में निविदा स्वीकृति की प्रक्रिया को पारदर्शी बनाने एवं टेण्डर डाक्यूमेंट के संशोधन हेतु शासन द्वारा अपर मुख्य सचिव, जल संसाधन विभाग की अध्यक्षता में गठित समिति द्वारा विचार किया जाकर अनुशंसा की गई हैं।

समिति की अनुशंसाओं के अनुक्रम में राज्य शासन एतद्वारा निविदा प्रपत्र (वर्क्स डिपार्टमेंट मैनुअल वॉल्युम-II की अपेण्डिक्स 2.10) में निम्नानुसार संशोधन करता है :-

- 1 निविदा प्रपत्र की जनरल कंडीशन्स आफ कांटेक्ट के वर्तमान क्लॉज 14.1, 14.2 एवं 14.3 को विलोपित करते हुये निम्नानुसार नवीन क्लॉज 14.1, 14.2 एवं 14.3 प्रतिस्थापित किये जाते हैं -

Sl. No.	Existing Provision	Proposed Provision
1.	14.1 If the contractor desires an extension of time for completion of the work on the ground of his having been unavoidably hindered in its execution or on any other grounds, he shall apply, in writing, to the Engineer-in-Charge, on account of which he desires such extension. Engineer-in-Charge shall forward the aforesaid application to the Competent Authority as prescribed.	14.1 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



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मध्यप्रदेश शासन
लोक निर्माण विभाग
मंत्रालय

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क्रमांक एफ-58/5/2012/19/यो/138
प्रति,

भोपाल, दिनांक 08/01/2018

✓ प्रमुख अभियंता,
लोक निर्माण विभाग,
निर्माण भवन, भोपाल।

2 परियोजना संचालक,
लोक निर्माण विभाग,
परियोजना क्रियान्वयन ईकाई,
भोपाल।

विषय: लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में।

- संदर्भ: 1. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718 दिनांक 16.09.2013
2. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/5718 दिनांक 29.01.2016
3. म.प्र. शासन, लो.नि.वि. के ज्ञाप क्रमांक एफ-58/5/2012/19/यो/3567 दिनांक 27.06.2016

लोक निर्माण विभाग के कार्यों की गुणवत्ता सुनिश्चित करने के सम्बन्ध में शासन के समसंख्यक ज्ञाप दिनांक 27.06.2016 में निम्नानुसार संशोधन किया जाता है :-

लोक निर्माण विभाग भवन/पथ एवं पी.आई.यू. के अधीनस्थ चल रहे सभी मूल निर्माण कार्यों एवं मजबूतीकरण/नवीनीकरण कार्यों में प्रयुक्त होने वाली सामग्री एवं सम्पादित किये गये कार्यों का परीक्षण केवल लोक निर्माण विभाग की विभागीय प्रयोगशालाओं से ही कराये जाये। अधीक्षण यंत्री या उनसे वरिष्ठ अधिकारी ISO/IEC 17011 के अनुसार कार्य करने वाली संस्था यथा NABL या अन्य कोई एकीकृत संस्था जो कि प्रयोगशालाओं को ISO/IEC 17025 के अनुसार ऐक्रेडिट करती है, से टेस्ट कराने हेतु अनुमति प्रदान कर सकते है।

उपरोक्त निर्देश तत्काल प्रभाव से लागू किये जाते है।

CE (M.P.)
CE (P)
11/01/18

Prakash
8.1.2018
(चन्द्रप्रकाश/अग्रवाल)
सचिव

म0प्र0 शासन, लोक निर्माण विभाग
भोपाल, दिनांक

259630
12/01/18
भवन

क्रमांक एफ-58/5/2012/19/यो
प्रतिलिपि :-

1. समस्त मुख्य अभियंता, लोक निर्माण विभाग, परिक्षेत्र
2. समस्त अतिरिक्त परियोजना संचालक, लो.नि.वि., पी.आई.यू.
3. समस्त अधीक्षण यंत्री, लोक निर्माण विभाग, मण्डल
4. समस्त कार्यपालन यंत्री, लोक निर्माण विभाग, संभाग
5. समस्त सहायी परियोजना यंत्री, लोक निर्माण विभाग, पी.आई.यू.

सचिव
म0प्र0 शासन, लोक निर्माण विभाग

भवन
CE भवन
12/01/18

SCHEDULE OF ITEM

Name of Work : Renovation /Special Repair/Annual Repair (MOW ELECTRICAL) Works at JU Gwalior

ItemNo.	Sub Item No.	Item Name	Qty.	Unit		
1./4.1		Point wiring (excluding metallic switch box & sheet but including switches, sockets, lampholders/ceiling roses etc) with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints etc. as required as per specification for :-				
	4.1.1	Light point/fan points.				
	4.1.1.1	Primary short point	250 Nos.	Each		
	4.1.1.2	Primary medium point	370 Nos.	Each		
	4.1.1.3	Primary long point	61 Nos.	Each		
	4.1.2	(Light point/fan points) looping point				
	4.1.2.1	Secondary short point	126 Nos.	Each		
	4.1.2.2	Secondary medium point	60 Nos.	Each		
	4.1.2.3	Secondary long point	60 Nos.	Each		
	4.1.3	3 Pin 6 Amp socket outlet on separate board				
	4.1.3.1	Short point	65 Nos.	Each		
	4.1.3.2	Medium point	30 Nos.	Each		
	4.1.3.3	Long point	30 Nos.	Each		
	4.1.4	Call bell/buzzer points				
	4.1.4.2	Medium point	30 Nos.	Each		
	4.1.4.3	Long point	30 Nos.	Each		
	4.1.5	Twin control light points				
	4.1.5.2	Medium point	20 Nos.	Each		
	4.1.5.3	Long point	12 Nos.	Each		
2./4.2		Point wiring (excluding metallic switch box & sheet but including switches, sockets) for 3 pin 6 Amp. socket outlet point with 1.5sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size and 1.5sq. mm. PVC insulated copper earth continuity conductor of green colour inside conduit with required materials as per specification on same board.	225 Nos.	Each		

3/4.3		Wiring for circuit wiring with PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) of ISI marked suitable size etc. as required as per specification				
	4.3.1	2x2.5 Sq.mm.	300	Metre		
	4.3.2	4x2.5 Sq.mm.	100	Metre		
	4.3.3	6x2.5 Sq.mm.	60	Metre		
	4.3.4	8x2.5 Sq.mm.	60	Metre		

3/9.1		Point wiring (excluding metallic switch box & sheet) for 3 Pin 16 Amp. socket outlet point with 4sq. mm. PVC insulated cable FRLS with copper multi strand conductor ISI marked in concealed rigid P.V.C. conduit (HMS) ISI marked of suitable size etc. with 20/16 Amp. F.T. switch & socket / S.S. combined 20/16/6 Amp. of ISI marked and 4sq. mm. PVC insulated FRLS copper earth continuity conductor of green colour inside conduit, screwless connector for joints as per specification for :-				
	9.1.1	On separate board				
	9.1.1.1	Short point	60 Nos.	Each		
	9.1.1.2	Medium point	30 Nos.	Each		
	9.1.1.3	Long point	15 Nos.	Each		
	9.1.1.4	Extralong-I	10 Nos.	Each		
	9.1.1.5	Extralong-II	10 Nos.	Each		
	9.1.1.6	Extralong-III	10 Nos.	Each		
4/9.2		Same board switch & socket 16 Amp. / S.S. combined 20/16/6 Amp	30 Nos.	Each		
5/16.1		Supply and fixing PVC conduit ISI marked FRLS along with the accessories in concealed system etc. as required				
	16.1.2	PVC conduit 25mm (HMS)	500	Metre		
6/17.1		Supplying and fixing PVC casing and capping (double fold) ISI marked along with accessories on surface etc. as required				
	17.1.1	PVC casing and capping (double fold) 20 mm x 12mm	100	Metre		
7/18.1		Supplying and fixing factory fabricated hot dip galvanized switch box for normal flush type accessories of minimum 1.2mm thickness for up to 200mm x 250mm size boxes and 1.6mm minimum thickness for higher size boxes, earth terminal stud with nut and washer, including 3 mm thick synthetic phenolic resin bonded laminated sheet conforming to grade P-I of IS:2036-1974 on surface/concealed including all necessary accessories, painting etc. as required as per				

		specification				
	18.1.1	MSbox100mmX100mmX60mm	50 Nos.	Each		
	18.1.2	MSbox200mmX150mmX60mm	15 Nos.	Each		
	18.1.3	MSbox180mmX100mmX60mm	200 Nos.	Each		
	18.1.5	MSbox200mmX250mmX60mm	100 Nos.	Each		
	18.1.6	MSbox250mmX300mmX60mm	100 Nos.	Each		
8/18.2		Supplying and fixing of approved make modular type G.I. metal box 1.2mm minimum thick and depth 50mm for singlerowboxesand60mmdepthfortwo/threerowboxes earthterminal studwithnutandwasherwithmodularbase and cover plate including fixing in concealed etc. as required for:-				
	18.2.1	1Or2Modulemetalbox	50 Nos.	Each		
	18.2.2	3Modulemetalbox	50 Nos.	Each		
	18.2.3	4Modulemetalbox	50 Nos.	Each		
	18.2.4	6Modulemetalbox	130 Nos.	Each		
	18.2.5	8/9Modulemetalbox	100 Nos.	Each		
	18.2.6	12Modulemetalbox	05 Nos.	Each		
9/18.3		Supplying and fixing of approved make modular type PVCbox minimum depth 40mm and minimum thickness 2mm with modular base and cover plate including fixing on surface etc. as required for:-				
	18.3.1	1 Or 2 Module PVC box	10 Nos.	Each		
	18.3.3	4 Module PVC box	05 Nos.	Each		
	18.3.4	6 Module PVC box	05 Nos.	Each		
	18.3.5	8/9 Module PVC box	05 Nos.	Each		
10/19.1		Supplying and drawing single core PVC insulated cable FRLS with coppermultistrandconductorISI markedinexistingrigidPVC casing and capping/conduitin surface or concealed as perspecification.				
	19.1.1	1.5sq.mm.wire				
	19.1.1.1	1X1.5sq.mm.	700	Metre		
	19.1.2	2.5sq.mm.wire				
	19.1.2.1	1X2.5sq.mm.	700	Metre		

	19.1.3	4.00 sq. mm. wire				
	19.1.3.1	1X4.00 sq.mm.	100	Metre		
	19.1.4	6.00 sq. mm. wire				
	19.1.4.1	1X6.00 sq.mm.	100	Metre		
11./22.1		Wiring for sub-mains with PVC insulated cable FRLS with copper multi strand conductor ISI marked in surface rigidPVC conduit (MMS) FRLS ISI marked of suitable size (conduit included) including 2mm thick accessories, connection etc, as required as per specification. (ReferGeneral Notes for Classification of Conduit Wiring Point No.11)				
	22.1.1	2Wiresubmain				
	22.1.1.1	2.5sq.mm.cable	40	Metre		
12./25.1		Supply of I.S.I. Marked iron clad / metal clad double pole switch fuse(conduitentry)/cable gland entry with two earthing terminals -				
	25.1.2	32Amps.250Volts	10 Nos.	Each		
13./25.2		Supply of I.S.I. Marked iron clad / metal clad triple pole and neutralswitchfuse(conduitentry)/cableglandentrywithtwo earthing terminals --				
	25.2.3	63Amps.415/500Volts.	10 Nos.	Each		
14./25.4		SupplyingofISIMarkedChangeoverswitchesinsheetenclosure confirmingtoIS:4064/IS:13947(partI&III)withsidehandle operated 4 pole with two earthing terminals				
	25.4.5	200Amps.415/500Volts.(offload)	05 Nos.	Each		
15./25.5		Supply of ISI Marked On-Load Change over switches panel mouniting type confirming to IS : 13947 (part I & III) with front operated 4 pole, 415 V with two earthing terminals if required.				
	25.5.5	200Amps.(open-execution)	05 Nos.	Each		
16./26.1		Supplying of metal clad ISI marked busbar chamber made of heavy gauge iron sheet complete with copper strip and busbar supports as per specification conforming to IS -4064				
	26.1.4	200Amp415VOLTS,4way	05 Nos.	Each		
	26.1.6	400Amp415VOLTS,4way	01 Nos.	Each		
17./27.1		Supply of ISI marked and approved make of mouldedcase circuit breaker (MCCB) suitable for 3 phase,3 pole, 50 Hz, 415 Volts, AC supply with respective interrupting capacity (KA) at 415 Volts cited against their range standard conforming to IS – 8828				
	27.1.3	MCCB 25kA current rating, 3P -25 to 100Amp & 80% - 100% adjustable	02 Nos.	Each		

	27.1.6	MCCB25kAcurrentrating, 3P-200Amp &80%-100%	02 Nos.	Each		
	27.1.9	MCCB36kAcurrentrating, 3P-250Amp &adjustable:	01 Nos.	Each		
	27.1.11	MCCB36kAcurrentrating, 3P-400Amp &adjustable	01 Nos.	Each		
18./27.8		Supply of ISI marked and accepted standard of miniature circuit breaker (MCB) of ' C ' series with short circuit indication,suitablefor240/415Volts,50Cycle,10 kA/15 kA ValueAC supply conforming to IS : 8828 : 1996,IEC:60898:2002&60947-2butwithout enclosures:-				
	27.8.1	Singlepole				
	27.8.1.2	MCBSP6Amp to32Amp10kArating	50 Nos.	Each		
	27.8.1.3	MCBSPFor40Amp10kArating	10 nos.	Each		
	27.8.1.4	MCBSPFor63Amp10kArating	30 Nos.	Each		
	27.8.2	Doublepole				
	27.8.2.2	MCBDP6Amp to32Amp10kArating	10 Nos.	Each		
	27.8.2.3	MCBDPFor40Amp10kArating	15 Nos.	Each		
	27.8.2.4	MCBDP50Amp to63Amp10kArating	10 Nos.	Each		
19./27.11		Supply of approved make powder coated sheet steel encloserSPN MCB DBinclusive of busbar, neutral bar, earth bar, connection copper wire not less than 16 sq.mm & two earth terminals etc. complete as per IS:13032(exclusive of MCB & isolator)-				
	27.11.1	2Waysingledoor	20 Nos.	Each		
	27.11.2	4Waysingledoor	10Nos.	Each		
	27.11.5	8WaydoubledoorIP43protection	10 Nos.	Each		
	27.11.6	12WaydoubledoorIP43protection	10 Nos.	Each		
	27.11.7	16WaydoubledoorIP43protection	10 Nos.	Each		
20./28.1		Fixing of metal clad iron clad enclosure on 25 X 5 mm flat iron clamp including supplying and fixing of clamp as requiredduly embeddedinmasonryincludingcableconnectionandoth errequired material as per specification :-				
	28.1.1	15/16AmpSP/DPswitch/SPN,DBupto4way	15 Nos.	Each		
	28.1.2	32Amp DP switch/SPN DB up to 8 way/16 Amp TPN DB up to 3 way per pole or 16 Amp TP or TPN switch/16 Amp415Volt Isolator	15 Nos.	Each		
	28.1.3	32 Amp TP or TPN switch/32 Amp 415Volt Isolator/16 Amp TPN DB up to 6 way per pole/32 Amp 415Volt bus bar 4 way	15 Nos.	Each		
21./28.2		Fixingofmetalcladenclosureon25X25X5mmangleiron clamp including supplyingandfixingofclampsasrequireddulye				

		mbedded in masonry including cable connection and other required material as per specification :-				
	28.2.1	Fixing of 63Amp TP or TPN main switches/DB 63Amp240/415 Volt 4 to 8 way or 63 Amp change over switch/63Amp 415Volt Isolator/30Amp415VoltTPNDBupto6wayperpoleand busbar 4 way	15 Nos.	Each		
	28.2.2	Fixingof100AmpTPorTPNmainswitchor100Ampchangeover switch/100 Amp 415Volt Isolators and bus bar 4 way	15 Nos.	Each		
	28.2.3	Fixing of200AmpTPorTPNmainswitchor200Ampchange over switch/200 Amp 415 Volt Isolators and busbar 4 way	15 Nos.	Each		
22./29.1		Supply and fixing as per specification pendent holder of approvedmakeincludingflexiblecordupto3metrelengthwith necessary materials complete Pendent Holder	200 Nos.	Each		
23./29.2		Supply and fixing as per specification polycarbonate batten holder/angle holder of approved make with necessary materials complete Polycarbonatebatten holder/angle holder	200 Nos.	Each		
24./29.3		Supplyandfixingasperspecificationcallbell/buzzerofapproved make with necessary materials complete.				
	29.3.2	Buzzer	05 Nos.	Each		
	29.3.3	Ding dong bell	05 Nos.	Each		
	29.3.5	Remote/cordless bell	02 Nos.	Each		
		Supply and fixing of multi core round FRLSH PVC insulated copper (flexible) conductor & PVC sheathed cables 1100Volts as per IS:694-1990 of approved make				
	29.6.1	(16/0.2 mm)Three core 0.5 sq.mm.	200	Metre		
	29.6.2	(24/0.2 mm) Three core 0.75 sq.mm.	200	Metre		
	29.6.3	(30/0.25 mm) Three core 1.5 sq.mm.	150	Metre		
	29.6.4	(50/0.25 mm) Three core 2.5 sq.mm.	150	Metre		
	29.6.5	(56/0.3 mm) Three core 4.0 sq.mm.	150	Metre		
25./29.7		Supply and fixing in position LED lamp of approved make LED lamp				
	29.7.5	9 Watt250Volt	50 Nos.	Each		
	29.7.8	18 Watt250Volt	30 Nos.	Each		
	29.7.11	45 Watt 250Volt	30 Nos.	Each		
26./29.9		Supply and fixing as per specification Switch of approved make ISI marked with necessary material complete.				
	29.9.1	6Amp SP 250 Volt deluxe (piano key type)	300 Nos.	Each		
	29.9.2	16/20Amp SP 250 Volt deluxe (piano key type)	150 Nos.	Each		

	29.9.3	6Amp SP 250 Volt two way F/T	50 Nos.	Each		
	29.9.4	6/10Amp SP 250 Volt modular switch	150 Nos.	Each		
	29.9.5	16/20Amp SP 250 Volt modular switch	50 Nos.	Each		
	29.9.6	10Amp SP 250 Volt modular switch 2 way	30 Nos.	Each		
	29.9.8	Blank plate 1 module	100 Nos.	Each		
	29.9.9	Surface switch 6Amp	30 Nos.	Each		
27./29.10		Supply and fixing as per specification socket outlet of approved make & ISI marked with necessary material complete				
	29.10.1	6Amp 250 Volt 3 Pin flush type	150 Nos.	Each		
	29.10.2	16Amp 250 Volt 3 Pin flush type	70 Nos.	Each		
	29.10.3	10Amp 250 Volt 3 Pin modular type	70 Nos.	Each		
	29.10.4	10/16/20Amp 250 Volt 3 Pin modular type	70 Nos.	Each		
28./29.11		Supply and fixing as per specification 6Amp 250Volt bell push switch of approved make ISI marked with necessary material complete.				
	29.11.1	6/10Amp SP 250 Volt modular switch bell push	10 Nos.	Each		
29./29.12		Supply and fixing as per specification switch socket combined of approved make & ISI marked with necessary material complete				
	29.12.1	20/10Amp 250Volt 3/6 Pin flush type	50 Nos.	Each		
30./29.13		Supply and fixing as per specification polycarbonate ceiling rose 3 plate of approved make ISI marked with necessary material complete.	100 Nos.	Each		
31./29.14		3 Pin plug top Supply and fixing of approved make 3 pin plug top ISI marked				
	29.14.1	6Amp 250Volt 3 Pin top	30 Nos.	Each		
	29.14.2	16Amp 250Volt 3 Pin top	30 Nos.	Each		
32./29.16		Supply and fixing of MPP condenser 440 Volt single phase of approved make as required as per specification				
	29.16.1	Condenser 2.5 mfd 440Volt	100 Nos.	Each		
	29.16.2	Condenser 3.15 mfd 440Volt	100 Nos.	Each		
	29.16.3	Condenser 4.00 mfd 440Volt	30 Nos.	Each		
	29.16.4	Condenser 6.00 mfd 440Volt	30 Nos.	Each		
33./29.17		Supply and fixing of MPP condenser 250Volt single phase of approved make as required as per specification				
	29.17.2	Condenser 8 mfd 250Volt	10 Nos.	Each		
34./29.22		Supply and fixing of ball bearing of approved make as required as per specification				
	29.22.1	6201	50 Nos.	Each		
	29.22.2	6202	50 Nos.	Each		

35./29.23		Supply and fixing of approved make flush type step type electronic fan regulator including connection etc. as required on existing board				
	29.23.1	100 Watt	10 Nos.	Each		
36.29.24		Supply and fixing of approved make electronic dimmer/regulator including connection etc. as required on existing board				
	29.24.1	450 Watt	10 Nos.	Each		
37./29.25		Supply and fixing of approved make step type modular electronic fan regulator including connection etc. as required on existing board				
	29.25.1	100 Watt (1 module)	10 Nos.	Each		
	29.25.2	100 Watt(2 module)	10 Nos.	Each		
38./30.1		Supplying, erection and testing of approved make electric Ceiling fan of double ball bearing complete with standard down rod, canopy, hanging shackle. Aluminium blades, without regulator, A.C. 230-250 volts including connections with all necessary material complete of approved as required conforming to IS :374/2019 with upto date amendments.				
	30.1.1	Ceiling fan - 900 mm sweep	05 Nos.	Each		
		Ceiling Fan (ISI marked)-1200 mm Sweep, with minimum airdelivery 210 m ³ /min and service value 4.00 as per BEE.. \geq	30 Nos.	Each		
39./30.2		Supplying, erection and testing of approved make wall mounting fan oscillating type with base, blades, guard, speed regulator etc. AC 230-250 volts with connections and including raw bolt/anchor hole fastener etc. complete finished and as required.				
	30.2.1	300 mm sweep	10 Nos.	Each		
40./30.4		Supplying, erection and testing of approved make 'Fresh air fan' AC 230-250 volts with connection and including frame bolt/anchor hole fasteners etc. complete finished and as required				
	30.4.3	300 mm sweep bush type	01 Nos.	Each		
	30.4.5	300 mm sweep double ball bearing	01 Nos.	Each		
41./30.6		Supplying, erecting and testing of approved make exhaust fan heavy duty with mounting frame, blades AC 230-250 complete connection and including, frame bolt/anchor hole fasteners etc. complete finished and as required.				
	30.6.2	380mm sweep RPM 900 /1400	05 Nos.	Each		
	30.6.3	450mm sweep RPM 900 / 1400	05 Nos.	Each		
42./30.10		Supplying and replacement of cooler fan 500 mm (20") ISI marked with all necessary material including connection complete of approved as required	01 Nos.	Each		
43./30.11		Supply and replacement of ISI marked cooler submersible water pump complete with all necessary material including connection of approved make as required	30 Nos.	Each		
44./30.13		Supply and fixing M.S. down rod 14 SWG (2mm) thick				

		for ceiling fan including threading, painting, making holes etc. as required complete. Note: For new works difference of installed & standard down rod length shall be paid.	10	Metre		
45./31.2		Supply, fixing & testing of approved make globe type polycarbonate post top lantern, consisting of cast aluminium spigot complete with all accessories, lamp holder, (without lamp) including fixing on gate pillars/exiting G.I. pipe, pole with connection & all required materials on existing required size of G.I. pipe, suitable for CFL/LED lamp for mentioned below sizes :-				
	31.2.2	250 mm (10")	05 Nos.	Each		
	31.2.3	300 mm (12")	05 Nos.	Each		
46./31.3		Supply and fixing Led tube rod comprising of LED tube with non- integral/integral driver, upto 6500K color temp having 40000 burning hrs life with minimum @ L 70, system lumen output should be minimum with system efficacy> 100 lm/Watt. LED driver PF> 0.95 & THD < 20%. The colour rendering index of LED light should be more than 70. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.				
	31.3.3	Tube light LED 1 X 18Watt, Integral i/c batten aluminium body,PC diffuser.	50 Nos.	Each		
	31.3.4	Tube light LED 1 X 20/22Watt, Integral i/c batten aluminium body,PC diffuser.	100 Nos.	Each		
47./31.4		Supply and fixing of recessed mounting type Led light fixture, LED of 1 to 3 Watt each assembled on single MCPCB, having color temp upto 6500K & having 50000 burning hrs life with minimum @ L 70, system lumen output should be minimum with efficacy>100 lm/Watt. LED driver PF> 0.95, THD < 20% & surge protection 4KV. The colour rendering index of LED light should be more than 70. Housing made of CRCA powder coated frame with glare free diffused polycarbonate cover. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job.				
	31.4.1	LED luminaire 2' X 2', 36Watt, color temp 3000-6500k as required.	10 Nos.	Each		
48./31.6		Supply and fixing recessed mounting LED down lighter, LED of 1 to 3 Watt each assembled on single MCPCB, having color temp upto 6500K & having 50000 burning hrs. life with minimum @ L 70, system lumen output should be minimum with efficacy>100 lm/Watt. LED driver PF > 0.95, THD < 20% & surge protection 4KV. The colour rendering index of LED light should be more than 70. Housing made of pressure die cast aluminium/CRCA powder coated frame with glare free diffused polycarbonate cover. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347i/c connection wire, testing etc. to complete the job..				
	31.6.5	14/15 Watt, color temp 3000-6500k as required.	10 Nos.	Each		
49./1.13		Supply and fixing street light with high power LED of 3 to 6 Watt each on existing bracket assembled on single MCPCB and additional unique peanut lens on each LED, system lumens output with efficacy>120 lm/Watt. luminaire having color temp upto 6500K & 50000 hrs. burning life with minimum @ L 70, The colour rendering index of LED light should be more than 70. Luminaire				

		comprises of driver, PF> 0.95 & surge protection 10KV. Housing made of pressure die cast aluminium with heat resistant flat glass, IP65 protection. Submission LM 79-08/IS16106 (2012), IEC60598, IEC61347 i/c connection wire, testing etc. to complete the job.				
	31.13.3	90Watt, color temp 3000-6500k as required.	02 Nos.	Each		
50./31.24		Supplying Fixing and testing of approved and suitable make LEDdriver for an existing LED luminary panel				
	31.24.2	LED Luminaire 2'x2', 36W Panel Driver	02Nos.	Each		
51./32.11		Providing & fixing of wood wool/khas pads of normal size desert/room cooler panels set of 3 nos including fixing wire mesh on pads.	10 Nos.	Each		
52./32.12		Servicing & overhauling of cooler fan motor, pump including replacement of distribution, delivery pipes, PVC elbows, painting etc. as reqd. complete with necessary material & labour.	05 Nos.	Each		
53./32.13		Rewinding of fans by copper enameled wire of suitable gauge including all required material, insulation, varnishing, connection leads, oiling greasing etc complete with testing including dismantling & refitting of fan at site. Scrap old material is not returnable to the department				
	32.13.3	Ceiling fan 1200 mm sweep old model/cooler fan 500 mm (20")sweep	10 Nos.	Each		
	32.13.4	Ceiling fan 1200 mm sweep new model/exhaust fan 300 mmsweep	10 Nos.	Each		
	32.13.5	Fresh air fan up to 300 mm sweep/wall bracket/cabin fan 400mm sweep	05 Nos.	Each		
54./32.14		Cleaning, overhauling, servicing of ceiling/exhaust/wall bracket fan by applying grease & oil, including testing with mounting/hanging arrangement including replacement of safety pins, check nuts, lock nut, nut bolts etc. making perfect alignment & refitting at site as required.	02 Nos.	Each		
55./33.3		Labour rate for point wiring a light/fan/twin control light/socket out let on separate board/call bell point in (open) surface rigid PVC conduit/casing and capping system.	50 Nos.	Each		
56./33.4		Labour rate for point wiring a light/fan/twin control light/socket out let on separate board/call bell point in recessed/concealed rigid PVC conduit system.	50 Nos.	Each		
57./33.6		Labour rate for point wiring a power point in recessed/concealed rigid steel/PVC conduit system including labour for fixing earth continuity conductor.	50 Nos.	Each		
58./35.1		Dismantling of existing light/fan/ bell/socket out let point on separate board/wiring andcircuit with insulated wire in casing/conduit/ batten complete with fitting and accessories	200	Per point		
59./39.1		Supplying & installation of required capacityof single phase, 50 Hz, 220V, deep wellsubmersible pump stainless steel body, as per IS of approved make, suitable for 4"/6 " tube well with control panel starter suitable for submersible pump with dry run protection, connections, including clamp, bore cap etc. as required as per specifications but excluding pipe, SS/Nylonwire rope and connection cable.				

	39.1.11	2 HP with 7-8 stages, head metre 56-16, discharge LPM 65-205	01 Nos.	Each		
	39.1.15	3 HP with 15-17 stages, head metre 119-45, discharge LPM 40-125	01 Nos.	Each		
60./39.2.		Supplying & installation of required capacity of three phase, 50 Hz, 415V, deep well submersible pump steel body, as per ISI of approved make, suitable upto 6" tube well with control panel starter suitable for submersible pump with dry run protection, single phase preventer, connections, including clamp, bore cap etc. as required as per specifications but excluding pipe and connection cable.				
	39.2.9	7.5 HP with 13-14 stages, head metre 129-52, discharge LPM 60-270	01 Nos.	Each		
61./39.3		Supplying and laying of submersible flat cable ISI marked 3 core copper wire of suitable size with proper clamping of approved make.				
	39.3.2	4.0 sq.mm multi strand	100	Metre		
62./39.4		Supplying and laying of approved make HDPE pipe as per IS:4984 and IS:14333 with latest amendment for installation of submersible pump with necessary connection, socket/couplings, tees, etc. as required (PE-63 & working pressure 6 kgf/sq cm)				
	39.4.4	50 mm Outer Dia.	100	Metre		
63./39.24		Supply installation, testing and commissioning of approved make DOL starter 7.5 hp, 3 phase, 50 Hz, 415V, i/c single phase preventer, incoming MCB 32A 4P, 10KA, in outdoor type enclosure, connections, as required as per specifications.	01 Nos.	Each		
64./41.1		Supply of XLPE insulated power cable (conforming IS-7098 Part-I) 1100 Volt grade, 1 core/2 core/3½ core/4 core ISI marked with alu. stranded /solid conductor				
	41.1.3	UnArmoured 2 core	100	Metre		
	41.1.3.4	10 sq. mm.				
	41.1.4	Armoured 2 core	100	Metre		
	41.1.4.4	10 sq. mm.				
	41.1.7	3½ core unarmoured				
	41.1.7.3	50 sq. mm	100	Metre		
	41.1.8	3½ core armoured				
	41.1.8.4	70 sq. mm	100	Metre		
	41.1.8	3½ core armoured				
	41.1.8.7	150 sq. mm.	100	Metre		
	41.1.8.8	185 sq. mm.	90	Metre		
	41.1.10	4 core armoured				
	41.1.10.3	16 sq. mm.	100	Metre		
	41.1.10.5	35 sq. mm	50	Metre		
	41.1.10.6	50 sq. mm	100	Metre		
	41.1.10.7	70 sq. mm	100	Metre		

	41.1.10.8	95 sq. mm.	100	Metre		
	41.1.10.9	120 sq. mm.	100	Metre		
65./41.4		Supply of XLPE insulated FRLS heavy duty power cable conforming IS-7098(Part-1) 1988, 1100 Volt grade, 2/3/4/8/10/12 core ISI marked with copper stranded/solid conductor.				
	41.4.3	Armoured 3½ core				
	41.4.3.3	50 Sq. mm (25 Sq. mm 1/2 core)	100	Metre		
66./41.7		Supplying and fixing crimping type alum. lugs as per I.S.S. specification suitable for following size of cable with alu./copper solid/stranded conductor evenly crimped with high/pressure tool and connected to switch gear/bus/M.C.C.B./M.C.B. etc. as required complete.				
	41.7.1	6mm to 16 sq. mm	54 Nos.	Each		
	41.7.4	50 sq. mm	100 Nos.	Each		
	41.7.5	70 sq. mm	100 Nos.	Each		
	41.7.6	95 sq. mm.	50 Nos.	Each		
67./41.9		Providing & making cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 33 KV/11 KV single core XLPE alum. conductor cable as required as per specification and as per accepted standard including connection testing complete.				
	41.9.2	Heat shrinkable joint, kit 33 KV XLPE single core				
	41.9.2.1. 2	1 x 70-185 sq. mm.	10 Nos.	Each		
	41.9.2.2	Heat shrinkable jointing kit 33 KV XLPE cable I.D. termination				
	41.9.2.2.2	1 x 70-185 sq. mm.	10 Nos.	Each		
68./41.10		Providing & Making cable end termination with heat shrinkable jointing kit complete with all accessories including lugs suitable for 33 KV/11 KV 3 core XLPE alum. conductor cable as required as per specification and as per accepted standard including connection testing complete.				
	41.10.2	33 KV XLPE, 3 core				
	41.10.2.1	Heat shrinkable jointing kit 33 KV XLPE cable O.D. termination				
	41.10.2.1 .2	3 x 70-95 sq. mm.	05 Nos.	Each		
69./41.16		Laying of one number armoured / unarmoured power cable 1.1.KV grade of size exceeding 25sq. mm but not exceeding 120 sq. mm direct in ground including excavation in all soil/ murrum /soft rock, sand cushioning, protective covering and refilling the pit etc. as required.	100	Metre		

70./41.18		Laying of one number additional armoured / unarmoured power cable 1.1KV grade of size not exceeding 25sq. mm direct in ground in the same trench in one tier horizontal formation including excavation in all soil/murum/soft rock, sand cushioning protective covering and refilling the pit etc. as required.	100	Metre		
71./41.21		Laying of one number armoured / unarmoured power cable 1:1 KV grade of size not exceeding 25 sq. mm in the existing RCC hume/stone ware/G.I.pipe/surface in existing trench as required.	10	Metre		
72./41.25		Laying of one number armoured/unarmoured power cable 1.1KV grade of size exceeding 25sq. mm but not exceeding 120 sq. mm in the existing masonry open duct as required.	300	Metre		
73./42.77		Supplying & fixing of fire extinguisher/refills as per IS specification				
	42.77.3	ABC type -refill only- 6Kg	05 Nos.	Each		
	42.77.4	ABC type -refill only- 4Kg	05 Nos.	Each		
74./42.91		Supplying & drawing/laying of PVC insulated XLPE aerial bunch power cable conductor H2/H4 grade aluminium solid/stranded conforming to IS-14255- 1995, alu. alloy insulated messenger 1100 volts grade cable of approved make in air with necessary material as per specification of required size as mentioned below –				
	42.91.2	Single core cable(insulated neutral messenger)				
	42.91.2.5	3x95 sq.mm, 1x16(st. light), 1x50(insulated neutral	100	P.Mt.		
75./42.99		Providing and erection of hot dipped galvanized octagonal poles in single section made from 3mm thick sheet having lockable weather proof flush door junction box, suitable size & type of foundation bolts 4 nos. 'J' type (EN8 grade) complete, erected in an approved manner on provided foundation.				
	42.99.1	3 meter height 130 X 70mm A/F, 200x200x12mmbase plate, 4 nos X 16 x 450mm bolt	10 Nos.	Each		
	42.99.2	4 meter height 130 X 70mm A/F, 200x200x12mmbase plate, 4 nos X 16 x 450mm bolt	06 Nos.	Each		
	42.99.3	5 meter height 130 X 70mm A/F, 200x200x12mmbase plate, 4 nos X 16 x 450mm bolt	06 Nos.	Each		

नोट:- उपरोक्त आइटमों के अलावा आवश्यकता पड़ने पर अन्य आइटम जो SOR में सम्मिलित हैं, उनको कार्य कराने के लिए ठेकेदार बाध्य होगा।

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