

Standard Bidding Document For Pradhan Mantri Gram Sadak Yojana (PMGSY)

Himachal Pradesh Public Works Department

Package No : HP-07-12

District : Lahaul & Spiti
Zone: Shimla
Circle : 11th Circle HP.PWD. Rampur
Division : HP.PWD.Kaza

Name of Work : Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I. Package No. HP-07-12.

Sub Head : Formation Cutting, C/o Passing Places, Breast Wall, Retaining Wall, Gabion Wall, Missing CD, Road Side Drain, Parapets, Crash Barrier, Road Sign Board, Dumping site and Tarring work etc.

For

Construction & Maintenance

National Rural Infrastructure Development Agency
Ministry of Rural Development
Government of India

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EXPLANATORYNOTE

Format of the Bidding Document

The Standard Bidding Document for Pradhan Mantri Gram Sadak Yojana (PMGSY) follows the format of the MoRTH Bidding Document, which is similar to the format for National Competitive Bidding for Works (India Version) - as approved by the Ministry of Finance for World Bank aided projects.

The document has the added feature of maintenance of roads for five years by the contractor who constructs the road.

SECTION1

LISTOFIMPORTANTDATES

e-procurement NOTICE

NOTICEINVITINGTENDERS

SECTION1***Superintending Engineer 11th Circle HP.PWD. Rampur****(Name of Authority inviting tenders)***List of Important Dates of Bids for Construction/ Upgradation of Roads under Pradhan Mantri Gram Sadak Yojana and their Maintenance for Five years****1. Name of Work**

Sl. no	District	Package no.	Name of the work	Period of completion	Estimated Cost (Rs. Lakh)		Total Cost (Rs. Lakh) (In lacs)
					Construct ion	Routine Maintenance	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	Lahaul and Spiti	HP-07-12	Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I. Package No. HP-07-12.	Eighteen Months For Construction Part + 60 Months For Routine Maintenance	3428.09	137.58	3565.67

1. Maintenance Period is five years from the completion date**2. Date of Issue of Notice Inviting Bid** 04th June 2026.**3. Period of availability of Bidding Documents on website**
www.pmgsytenders.gov.in—**From** 10th June 2026**To** 25th June 2026
Time up to 1700 hours**4. Time, Date and Place of Pre-bid Meeting**
(if so required) Date Month..... Year.....
Time..... Hours, Place ...**6.1 Deadline for receiving Bids online, including on line payment of bid, security and**

cost of bid document from a scheduled commercial bank and scanned copy of affidavit.

Date: 25th June 2026

The on line payment of Bid security and cost of Bid document is to be done simultaneously on e- tendering website along with the submission of Bids

Time up to 1700 hours*Note: Wherever in the Bid document reference to Bid Security and Cost of Bid document is made the meaning is on line payment only instead of demand draft or any other instruments mentioned anywhere in the bid document. The word demand draft or other forms of submission, is deemed to be amended to on line payment only along with the online submission of bid document.*

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6.2 Date of submission of original affidavit.

(This Date should be no later than three working days after the submission of Technical Qualification part of the bid). The cost of bid document and Bid security is to be paid on line along with bid submission as mentioned in clause 6.1 above. As such no other document is required to be submitted.

3rd July 2026.

Or

Till the online payment system is made functional, following Clauses shall be applicable for off-line submission, clause 6.1, 6.2 is deemed to be replaced as 6.1 (a), 6.2 (a)

**6.1 (a) Deadline for Receiving Bids online,
Including Scanned copy of demand
Draft of Bid Security and of Demand
Draft towards cost of Bid Document
from a Scheduled Commercial Bank
and scanned copy of Affidavit.**

Date: 25th June 2026
Time up to 1700 hours

**6.2 (a) Date of Submission of original documents such as
Bid Security, Cost of Bid document and Affidavit
(this date should be no later than three working days
after the submission of Technical Qualification
part of the bid)**

03rd July 2026.

**7. Opening of Bids: The Bids will be opened online by
the authorized officer at the appointed time**

**7.1 Time and Date for opening of Part-I of the
Bid (The Technical Qualification Part)**

Date: 27th June 2026
Time 1100 hours

**7.2 Time and Date of opening of Part-II of the Bid
(The Technical-Financial Part) of the Bidders
who Qualify in Part I of the Bid.**

Date: Shall be intimated.
TimeHours

8. Last Date of Bid Validity

26th September 2026.

9. Officer inviting Bids

**Superintending Engineer,
11th Circle HPPWD, Rampur**

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**PRADHAN MANTRI GRAM SADAK YOJANA
(PMGSY)
e-Procurement Notice**

The **Superintending Engineer, 11th Circle HPPWD., Rampur** on behalf of invites percentage rate bids in electronic tendering system for construction of roads under Pradhan Mantri Gram Sadak Yojana in the **district of Lahaul and Spiti of one package with** estimated cost totally to Rs. **35.65 Crore** including their maintenance for five years from the eligible contractors registered with HPPWD/CPWD/P&T

,Railways/ other State Govts./ Central Govt. agencies. Non-registered bidders may submit bids, however, the successful bidders must get registered in appropriate class with appropriate authorities before signing the contract.

Date of release of Invitation for Bids through e-procurement: 10th June 2026.

Availability of Bid Documents and mode of submission: The bid document is available online and should be submitted online in www.pmgsytenders.gov.in. The bidder would be required to register in the web-site which is free of cost. For submission of the bids, the bidder is required to have a valid Digital Signature Certificate (DSC) from one of the authorized Certifying Authorities. The bidders are required to submit (a) original Demand Draft towards the cost of bid document and (b) original bid security in approved form and (c) original affidavit regarding correctness of information furnished with bid document as per provisions of Clause 4.4B(a)(ii) of ITB **with Executive Engineer, HP.PWD., Kaza Division** on a date not later than three working days after the opening of technical qualification part of the Bid, either by registered post or by hand, failing which the bids shall be declared non-responsive.

Last Date/ Time for receipt of bids through e-procurement: 25th June 2026.

For further details please log onto www.pmgsytenders.gov.in

**Superintending Engineer,
11th Circle HPPWD, Rampur**

(Designation and address of Authority inviting bids)

^xNon-registered bidders may submit bids; however, the successful bidders must get registered in appropriate class with appropriate authorities before signing the contract

SECTION 1
Superintending Engineer, 11th Circle HP.PWD. Rampur
 (Name of Authority Inviting Bids)

NOTICE INVITING TENDER (NIT)

1. The **Superintending Engineer, 11th Circle, HPPWD., Rampur** on behalf of Government invites the percentage rate bids, in electronic tendering system, for construction of roads under Pradhan Mantri Gram Sadak Yojana for each of the following works including their maintenance for five years from the eligible and approved contractors registered with registered with HPPWD/CPWD/P&T, Railways/other state govts /Central Govt agencies. Non-registered bidders may submit bids, however, the successful bidders must get registered in appropriate class with appropriate authorities before signing the contract.

District	Package no.	Name of the work	Estimated Cost (Rs. Lakh)		Total Cost (Rs. Lakh)	Period of Completion	Bid Security (Rs. Lakh)
			Construction	Routine Maintenance			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Lahaul and Spiti	HP-07-12	Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I. Package No. HP-07-12.	3428.09	137.58	3565.67	Eighteen Months For Construction Part + 60 Months For Routine Maintenance	71.31

2. Date of release of Invitation for Bids through e-procurement: **10th June 2026**.
3. **Cost of Bid Form:** Rs. 40,000/- per package/job (*non-refundable*) through online mode only on website pmsgsy tendershp.gov.in/ in favour of Executive Engineer HP.PWD., **Kaza Division**.

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4. Availability of Bid Document and mode of submission: The bid document is available online and bid should be submitted online on website www.pmgsytenders.gov.in. The bidder would be required to register in the web-site which is free of cost. For submission of bids, the bidder is required to have valid Digital Signature Certificate (DSC) from one of the authorized Certifying Authorities (CA). “Aspiring bidders who have not obtained the user ID and password for participating in e-tendering in PMGSY may obtain the same from the website: www.pmgsytenders.gov.in

Digital signature is mandatory to participate in the e-tendering. Bidders already possessing the valid digital signature issued from authorized CAs can use the same in this tender.

**Non-registered bidders may submit bids; however, the successful bidders must get registered in appropriate class with appropriate authorities before signing the contract.*

5. Submission of Original Documents: The bidders are required to submit (a) Receipt of the cost of bid document submitted online and (b) Receipt of bid security deposited online and (c) original affidavit regarding correctness of information furnished bid document as per provisions of Clause 4.4B(a)(ii) of ITB with Superintending Engineer, 11th Circle HPPWD., Rampur Bushahr on a date not later than three working days after the opening of technical qualification part of the Bid, either by registered post or by hand.

6. Last Date/ Time for receipt of bids through e-tendering: 25th June 2026 upto 1700 hours.

7. The site for the work is available.

8. Only online submission of bids is permitted, therefore; bids must be submitted online on website www.pmgsytenders.gov.in. The technical qualification part of the bids will be opened online at 1130 hours (Time) on **27th June 2026** (date) by the authorized officers. If the office happens to be closed on the date of opening of the bids as specified, the bids will be opened online on the next working day at the same time.

9. The bidder is not required to quote his rate for routine maintenance. The rates to be paid for routine maintenance are indicated in the Bill of Quantities. Further, the payment for routine maintenance to the contractor shall be regulated based on his performance of maintenance activities.

10. The bids for the work shall remain valid for acceptance for a period not less than ninety days after the deadline date for bid submission.

11. Bidders may bid for any one or more of the works mentioned in the Table above. To qualify for a package of contracts made up of this and other contracts for which bids are invited in the same NIT, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts.

12. Other details can be seen in the bidding documents. The Employer shall not be held liable for any delays due to system failure beyond its control. Even though the system will attempt to notify the bidders of any bid updates, the Employer shall not be liable for any information not received by the bidder. It is the bidders' responsibility to verify the website for the latest information related to the tender.

**Superintending Engineer,
11th Circle, HPPWD,
Rampur**

Section 2: Instructions to Bidders

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Section 2

Instructions to Bidders (ITB)

A. General

1. Scope of Bid

1.1 The Employer as defined in the Appendix to ITB invites bids for the construction of Works and their maintenance for five years, as described in these documents and referred to as “the Works”. The name and identification number of the works is provided in the Appendix to ITB. The bidders may submit bids for any or all of the works detailed in the table given in the Notice Inviting Tender. Bid for each work should be submitted separately.

1.2 The successful Bidder will be expected to complete the Works by the Intended Completion Date specified in the Part I General Conditions of Contract and do the routine maintenance of roads for five years from the date of completion.

1.3 Throughout these documents, the terms “bid” and “tender” and their derivatives (bidder/ tenderer, bid/tender, bidding/tendering etc.) are synonymous.

2. Source of Funds

2.1 The Government of the State as defined in the Appendix to ITB has decided to undertake the works of construction and up-gradation of selected rural roads of the State through State budget and funds received under Pradhan Mantri Gram Sadak Yojana, from the Government of India, Ministry of Rural Development, and other sources to be implemented through the Employer.

2.2 The Government of the State has decided to provide funds for the routine maintenance of the roads.

3. Eligible Bidders

3.1 This Invitation for Bids is open to all eligible bidders meeting the eligibility criteria as defined in ITB. The applicant should be a private or government-owned legal entity. For package size exceeding Rs. 10 crore, the Joint Ventures are allowed.

3.2 Bidders shall not be under a declaration of ineligibility for corrupt and fraudulent practices by the Central Government, the State Government or any public under taking, autonomous body, authority by whatever name called under the Central or the State Government.

4. Qualification of the Bidder

4.1 All bidders shall provide in Section 3, Forms of Bid and Qualification information, a preliminary description of the proposed work schedule, including drawings and charts, as necessary.

4.1.1 Bidder should have valid registration with Employees Provident Fund organization under EPF and Miscellaneous Provisions Act, 1952.

4.2 All bidders shall include the following information and documents with their bids in Section 3, Qualification Information unless otherwise stated in the Appendix to ITB:

(a) copies of original documents defining the constitution or legal status, place of

registration, and principal place of business; written power of attorney of the signatory of the Bid to commit the Bidder;

- (b) total monetary value of civil construction works performed for each of the last five years;
- (c) experience in works of a similar nature and size for each of the last five years, and details of works in progress or contractually committed with certificates from the concerned officer not below the rank of Executive Engineer or equivalent;
- (d) evidence of ownership of major items of construction equipment named in Clause 4.4 B (b) (i) of ITB or evidence of arrangement of possessing them on hire/lease/buying as defined therein.
- (e) details of the technical personnel proposed to be employed for the Contract having the qualifications defined in Clause 4.4 B(b) (ii) of ITB for the construction.
- (f) reports on the financial standing of the Bidder, such as profit and loss statements and auditor's reports for the past five years;
- (g) evidence of access to line(s) of credit and availability of other financial resources/ facilities (10 percent of the contract value) certified by banker (the certificate being not more than 3 months old.)
- (h) authority to seek references from the Bidder's bankers;
- (i) information regarding any litigation or arbitration during the last five years in which the Bidder is involved, the parties concerned, the disputed amount, and the matter;
- (j) proposals for subcontracting the components of the Works for construction/up-gradation, aggregating to not more than 25 percent of the Contract Price; and subcontracting of part/full routine maintenance of roads after completion of construction work.
- (k) the proposed programme of construction and Quality Management Plan proposed for completion of the work as per technical specifications and within the stipulated period of completion.

4.3 Joint Ventures are allowed. Bids submitted by a Joint Venture (JV) of not more than three firms as partners shall comply with the following requirements:

- (a) There shall be a Joint Venture Agreement (Refer Annexure I to ITB) specific for these contract packages between the constituent firms, indicating clearly, amongst other things, the proposed distribution of responsibilities both financial as well as technical for execution of the work amongst them. For the purpose of this clause, the most experienced lead partner will be the one defined. A copy of the Joint Venture agreement in accordance with requirements mentioned in Annexure - I shall be submitted before any award of work could be finalized.

- (b) The bid, and in the case of the successful bidder, the Form of Agreement, etc., shall be signed and/ or executed in such a manner as may be required for making it legally binding on all partners (including operative parts of the ensuing Contract in respect of Agreement of Arbitration, etc.). On award of work, the Form of Agreement and Contract Documents shall be signed by all partners of the Joint Venture to conclude Contract Agreement.
- (c) Lead partner shall be nominated as being partner-in-charge; and this authorization shall be evidenced by submitting a power of attorney signed by the legally authorized signatories of all the partners.
- (d) The partner-in-charge shall be authorized to incur liabilities and to receive instructions for and on behalf of the partners of the Joint Venture, whether jointly or severally, and entire execution of the Contract (including payment) shall be carried out exclusively through the partner-in-charge. A copy of the said authorization shall be furnished in this Bid.
- (e) 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 relevant statement to this effect shall be included in the authorization mentioned under sub clause (c) above as well as in the Form of Tender and the Form of Agreement (in case of a successful bidder).
- (f) In the event of default by any partner, in the execution of his part of Contract, the Employer shall be so notified within 30 days by the partner-in-charge, or in the case of the partner-in-charge being the defaulter, by the partner nominated as partner-in-charge of the remaining Joint Venture. The partner-in-charge shall, within 60 days of the said notice, assign the work of the defaulting partner to any other equally competent party acceptable to the Employer to ensure the execution of that part of the Contract, as envisaged at the time of bid. Failure to comply with the above provisions will make the Contractor liable for action by the Employer under the Conditions of Contract. If the Most Experienced i.e. Lead Partner defined as such in the Communication approving the qualification defaults, it shall be construed as default of the Contractor and Employer will take action under the Conditions of Contract.
- (g) Not with standing the permission to assigning the responsibilities of the defaulting partner to any other equally competent party acceptable to the Employer as mentioned in sub clause (f) above, all the partners of the Joint Venture will retain the full and undivided responsibility for the performance of their obligations under the Contract and/ or for satisfactory completion of the Works.
- (h) The bid submitted shall include all the relevant information as required under the provisions of Sub-Clause 4.4 of ITB and furnished separately for each partner.

4.4 A
years:

To qualify for award of the Contract, each bidder should have in the last five

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- (a) Achieved in any one year, a minimum financial turnover (as certified by Chartered Accountant, and at least 50% of which is from Civil Engineering construction works) equivalent to amount given below:
 - (i) 60% of amount put to bid, in case the amount put to bid is Rs.200 lakhs and less.
 - (ii) 75% of amount put to bid, in case the amount put to bid is more than Rs. 200lakhs.

The amount put to bid above would not include maintenance cost for 5 years and the turnover will be indexed at the rate of 8%per year.

If the bidder has executed road works under Pradhan Mantri Gram Sadak Yojana in originally stipulated completion period, the financial turnover achieved on account of execution of road works under PMGSY shall be counted as 120% for the purpose of this sub-clause.

In Naxal/Left Wing Extremist Affected Districts, the figures of 60% and 75% in (i) and (ii) above would be replaced by 50%.

- (b) Satisfactorily completed, as prime Contractor or sub-contractor, at least one similar work equal in value to one-third (one-fourth in case of Naxal/LWE affected districts) of the estimated cost of work (excluding maintenance cost for five years) for which the bid is invited, or such higher amount as may be specified in the Appendix to ITB. The value of road work completed by the bidder under Pradhan Mantri Gram Sadak Yojana in originally stipulated period of completion shall be counted as 120% for the purpose of this Sub-Clause.

4.4 B (a)

Each bidder must produce:

- (i) Copy of PAN Card issued by Income Tax Authorities;
- (ii) An affidavit that the information furnished with the bid documents is correct in all respects; and
- (iii) Such other certificates as defined in the Appendix to ITB. Failure to produce the certificates shall make the bid non-responsive.

(b) Each bidder must demonstrate:

- (i) Availability for construction work, either owned, or on lease or on hire, of the key equipment stated in the Appendix to ITB including equipments required for establishing field laboratory to perform mandatory tests, and those stated in the Appendix to ITB;
- (ii) Availability for construction work of technical personnel as stated in the Appendix to ITB.

(c) The bidder must not have in his employment:

- (i) the near relations (defined as first blood relations, and their spouses, of the bidder or the bidder's spouse) of persons listed in the Appendix to ITB.
- (ii) without Government permission, any person who retired as gazette officer within the last two year so of the rank and from the departments listed in the Appendix to ITB.

4.4 C To qualify for a package of contracts made up of this and other contracts for which bids are invited in the Notice Inviting Tender, the bidder must demonstrate having experience and resources sufficient to meet the aggregate of the qualifying criteria for the individual contracts.

4.4 D If bidder is a Joint Venture, the partners would be limited to three (including lead partner). Joint Venture firm shall be jointly and severally responsible for completion of the project. Joint Venture must fulfill the following minimum qualification requirement.

- i. The lead partner shall meet not less than 50% of qualification criteria given in sub-clause 4.4A (a) & (b) of ITB above.
- ii. Each of the remaining partners shall meet not less than 25% of all the criteria given in sub-clause 4.4 A (a) & (b) of ITB above.
- iii. The Joint Venture must also collectively satisfy the subject of the criteria of Clause 4.4 B and 4.4 C of ITB for this purpose the relevant figures for each of the partners shall be added together to arrive at the Joint Venture total capacity which shall be 100% or more.
- iv.. In the event that the Employer has caused to disqualify under Clause 4.7 of ITB below all of the Joint Venture partners will be disqualified.
- v. Joint Venture Applicants shall provide a certified copy of the Joint Venture Agreement in demonstration of the partners undertaking joint and several liabilities for the performance of any contract entered into before award of work.
- vi. The available bid capacity of the JV as required under Clause 4.6 of ITB below will be applied for each partner to the extent of his proposed participation in the execution of the work. The total bid capacity available shall be more than estimated contract value.

4.5 The Sub-Contractors' experience and resources shall not be taken into account in determining the bidder's compliance with the qualifying criteria except to the extent stated in sub-clause 4.3A above.

4.6 Bidders who meet the minimum qualification criteria will be qualified only if their available bid capacity for construction work is equal to or more than the total bid value excluding maintenance. The available bid capacity will be calculated as under: Assessed Available Bid Capacity = (A*N*M - B)

where

A = Maximum value of civil engineering works executed in any one year during the last five years (updated to the price level of the last year at the rate of 8percent a year) taking into account the completed as well as works in progress.

N = Number of years prescribed for completion of the works for which bids are invited (period up to 6 months to be taken as ½ and more than 6 months as 1 in a year).

M = 2 or such higher figure not exceeding 3 as may be specified in the Appendix to ITB.

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B = Value, at the current price level, of existing commitments and on-going works to be completed during the period of completion of the works for which bids are invited.

Note: The statements showing the value of existing commitments and on-going works as well as the stipulated period of completion remaining for each of the works listed should be counter signed by the Engineer in charge, not below the rank of an Executive Engineer or equivalent. No bidder shall be awarded further works:-

(i) if the aggregate value of awarded PMGSY –IV works exceeds ₹100 crores; or

(iii) if the number of PMGSY-IV works awarded reaches 7 (Seven); whichever is earlier."

4.7 Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

- (i) made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements ;and /or
- (ii) record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion, litigation history, or financial failures etc;

and;

achieved less than 70% average financial progress in all the PMGSY works awarded to them between 1.5 years to 3 years prior to the last date of bidding. The bidders must submit detail of all the PMGSY works awarded to them between 1.5 years to 3 years prior to the last date of bidding on the Performa as mentioned in Appendix to ITB. Further, performance certificate for each work certifying the financial progress issued by the concerned Executive Engineer (EE) and countersigned by the concerned Superintending Engineer (SE), must also be attached.

- (iii) Participated in the previous bidding for the same work and had quoted unreasonably high or low bid prices and could not furnish rational justification for it to the Employer.

5 One Bid per Bidder

5.1 Each Bidder shall submit only one Bid for one work. A Bidder who submits more than one Bid for one work will cause the proposals with the Bidder's participation to be disqualified.

6 Cost of Bidding

6.1 The Bidder shall bear all costs associated with the preparation and submission of his Bid, and the Employer will, in no case, be responsible or liable for those costs.

7 Site Visit

7.1 The Bidder, at his own cost, responsibility and risk, is encouraged to visit, examine and familiarize himself with the Site of Works. The Bidder

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acknowledges that prior to the submission of the bid, the Bidder/Contractor has, after a complete and careful examination, made an independent evaluation of the Scope of the Project, Specifications and Standards of design, construction and maintenance, Site, local conditions, physical qualities of ground, subsoil and geology, suitability and availability of access routes to the Site and all information provided by the Employer or obtained, procured or gathered otherwise, and has determined to its satisfaction the accuracy or otherwise thereof and the nature and extent of difficulties, risks and hazards as are likely to arise or may be faced by it in the course of performance of its obligations hereunder. The Employer makes no representation whatsoever, express, implicit or otherwise, regarding the accuracy, adequacy, correctness, reliability and/or completeness of any assessment, assumptions, statement or information provided by it and the Bidder confirms that it shall have no claim whatsoever against the Employer in this regard.

B. Bidding Documents

8 Content of Bidding Documents

8.1 The set of bidding documents comprises the documents listed below and addenda issued in accordance with Clause 10 of ITB.

- 1 Notice Inviting Tender
2. Instructions to Bidders
- 3 Qualification Information
- 4 Conditions of Contract
(Part I General Conditions of Contract, and Contract Data; Part II Special Conditions of Contract)
- 5 Specifications
- 6 Drawings
- 7 Bill of Quantities
- 8 Form of Bid
- 9 Form of Acceptance, Form of Agreement, Issue of Notice to Proceed with the Work,
- 10 Forms of Securities and Form of Unconditional Bank Guarantee.

8.2. The bid document is available online on the website <http://www.pmgstenders.gov.in>. The bid document can be downloaded free of cost, however, the bidder is required to submit Demand Draft towards cost of bid document in favour of the name given in the Bid Data Sheet.

8.3 The bidder is expected to examine carefully all instructions, conditions of contract, contract data, forms, terms and specifications, bill of quantities, forms and drawings in the Bid Document. Failure to comply with the requirements of Bid Documents shall be at the bidder's own risk. Pursuant to clause 25 hereof, bids, which are not substantially responsive to the requirements of the Bid Documents, shall be rejected.

9 Clarification of Bidding Documents and Pre-bid Meeting

9.1 The electronic bidding system provides for online clarification. A prospective Bidder requiring any clarification of the bidding documents may notify online the Authority

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inviting the bid. The Authority inviting bid will respond to any request (s) for clarification received earlier than 10 days prior to the deadline for submission of bids. Description of clarification sought and the response of the Authority inviting the bid will be uploaded for information of the public or other bidders without identifying the source of request for clarification.

9.2 If a pre-bid meeting is to be held, the bidder or his authorized representative is invited to attend it. Its date, time and address are given in the Appendix to ITB.

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

9.4 Minutes of the meeting, including the text of the questions raised (without identifying the source of the enquiry) and the responses given will be uploaded for information of the public or other bidders. Any modifications of the bidding documents listed in Clause 8.1 of ITB, which may become necessary as a result of the pre-bid meeting shall be made by the Employer exclusively through the issue of an Addendum pursuant to Clause 10 of ITB and not through the minutes of the pre-bid meeting.

9.5 Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

10 Amendment of Bidding Documents

10.1 Before the deadline for submission of bids, the Employer may modify the bidding documents by issuing online corrigendum. The corrigendum will appear on the web page of the website www.pmgstenders.gov.in under the “Latest Corrigendum” and e-mail notification is also automatically sent to those bidders who have moved this tender to their “My tenders” area.

10.2 Any addendum thus issued shall be part of the bidding documents and shall be deemed to have been communicated to all the bidders who have moved this tender to their “My Tenders” area. In case any addendum/Corrigendum, the system will automatically send e-mail to all bidders who have downloaded the bidding document.

10.3 To give prospective bidders reasonable time in which to take an addendum into account in preparing their bids, the Employer shall extend, as necessary, the dead line for submission of bids, in accordance with Clause 20.2 of ITB.

C. Preparation of Bids

11 Language of Bid

11.1 All documents relating to the Bid shall be in the language specified in the Appendix to ITB.

12 Documents Comprising the Bid

12.1 The Bid submitted by the Bidder shall be in two separate parts:

Part I This shall be named Technical Qualification Part of Bid and shall comprise of:

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- I. Form of bid for Part I of the bid, as per format given in section 6 (to be submitted online).
- II. Scanned copy of the Demand Draft for the cost of the bidding documents.
- III. Scanned copy of the Bid Security in any of the forms as specified in clause 16.2 of ITB.
- IV. Authorized address and contact details of the Bidder having the following information:
Address of communication:
Telephone No.(s): Office:
Mobile No.:
Facsimile (FAX) No.:
Electronic Mail Identification (E-mail ID):
- V. Qualification information, supporting documents, scanned copy of original affidavit and undertaking as specified in Clause 4 of ITB.
- VI. Undertaking that the bid shall remain valid for the period specified in clause 15.1 of ITB.
- VII. Any other information/documents required to be completed and submitted by bidders, as specified in the Appendix to ITB, and
- VIII. Scanned copy of the affidavit affirming that information he has furnished in the bidding document is correct to the best of knowledge and belief of the bidder.

Part II. It shall be named Technical-Financial Part of Bid and shall comprise of:

- (i) Form of Bid for Part-II of the bid as specified in Section 6;
- (ii) Priced bill of quantities for items specified in Section 7;

12.2 The documents and details mentioned in clause 12.1 Part I above shall be submitted online on website www.pmgsytenders.gov.in. Details and process of online submission of the tender and relevant documents are given in the website mentioned above. The above are to be submitted in the manner as prescribed below:

- (a) The following details shall be entered online in the prescribed formats:
 - (i) Form of bid for Technical Qualification Part-I of the bid, as per format given in Section 6.
 - (ii) Form of bid for Technical-Financial Part II of the bid, as per format given in Section 6. The entry of rates for individual items of work/percentage rate for the work shall be made by the bidder online.
- (b) Scanned copies of the following documents shall be uploaded on the website www.pmgsytenders.gov.in at the appropriate place.
 - (i) Demand Draft towards the Cost of Bid Document (Clause 8.2 of ITB)
 - (ii) Bid Security in any of the forms specified in ITB s (Clause 16 of ITB)
 - (iii) Copy of PAN Card issued by Income Tax Authorities (Clause 4.4 of ITB)
 - (iv) Contractor Registration certificate (Clause 3 of ITB)

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- (v) Annual Turnover Certificate from Chartered Accountant for last five financial years with breakup of civil works and total works in each financial year. (Clause 4.4 of ITB)
 - (vi) Affidavit regarding correctness of certificates (Clause 4.4 of ITB)
 - (vii) Any other documents as specified by the State in the Bid Data Sheet
- (c) Scanned copies of the Certificates showing details of similar nature of works, work in hand and machineries owned or on lease or possessed on hire should be uploaded after converting the same to PDF.
- (i) Similar nature of works executed (Clause 4.4 of ITB)
 - (ii) Works in hand (Clause 4.4 of ITB)
 - (iii) Machineries owned/brought on hire/ lease (Clause 4.4 of ITB)
- (d) Submission of Original Documents: The bidders are required to submit (i) original Demand Draft towards the cost of bid document and (ii) original bid security in approved form and (iii) original affidavit regarding correctness of information furnished with bid document as per provisions of Clause 4.4 B (a)(ii) of ITB with the office specified in the Bid Data Sheet, on a date not later than three working days after the opening of technical qualification part of the Bid, either by registered post or by hand. These documents must match the scanned copies submitted along with the bids online. In case, of any deficiency in this respect, it will be treated as mis-representation by such bidder. Such a bidder shall be liable to be debarred for participating in bids under PMGSY for five years.

12.3 The following documents, which are not submitted with the bid, will be deemed to be part of the bid.

Section	Particulars
1	Notice Inviting Tender
2	Instructions to Bidders
3.	Conditions of Contract
4.	Contract Data
5.	Specifications
6.	Drawings

13. Bid Prices

13.1 The Contract shall be for the whole Works, as described in Clause 1.1 of ITB, based on the priced Bill of Quantities submitted by the Bidder online.

13.2 The Bidder shall make online entries to fill the Percentage Rate or Item Rates in Bill of Quantities, as specified in the Appendix to ITB; only the same option is allowed to all the Bidders. The Bidder is not required to quote his rate for Routine Maintenance. The rates to be paid for routine maintenance by the Employer are indicated in the Bill of Quantities.

Percentage Rate Method requires the bidder to quote a percentage above/below/at par of the schedule of rates specified in the Appendix to ITB.

Item Rate Method requires the bidder to quote rates and prices for all items of the Works described in the Bill of Quantities. The items for which no rate or price is entered by the Bidder will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of Quantities.

Upon numerical entry, the amount in words would automatically appear and upon entry of rates in items of work, or upon entering percentage rate, total bid price would automatically be calculated by the system and would be displayed.

13.3 While quoting rates, the GST component shall not be added in rates, while all other duties, taxes, royalties and other levies payable by the contractor under the contract, or for any other cause, shall be included in the rates, prices and total bid price submitted by the bidder. **GST as per prevailing rates shall be paid separately.**

13.4 The rates and prices quoted by the Bidder shall be fixed for the duration of the Contract and shall not be subject to adjustment.

14 Currencies of Bid

The unit rates and the prices shall be quoted by the bidder entirely in Indian Rupees.

15 Bid Validity

15.2 Bids shall remain valid for a period of not less than ninety days after the deadline date for bid submission specified in ITB. A bid valid for a shorter period shall be rejected by the Employer as non-responsive.

15.3 In exceptional circumstances, prior to expiry of the original time limit, the Employer may request that the bidders may extend the period of validity for a specified additional period. The request and the bidders' responses shall be made in writing or by cable. A bidder may refuse the request without forfeiting his Bid Security. A bidder agreeing to the request will not be required or permitted to modify his bid, but will be required to extend the validity of his Bid Security for a period of the extension, and in compliance with Clause 16 of ITB in all respects. For the extended period, the bidder will be paid by the employer an interest on the amount of bid security at the rate equal to base rate of State Bank of India applicable on the date of expiry of the original time limit.

16 Bid Security

16.1 The Bidder shall furnish, as part of the Bid, Bid Security, in the amount specified in the Appendix to ITB.

16.2 **The Bid Security shall be in the form as stated in the Appendix to ITB/NIT.**

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16.3 Any bid not accompanied by an acceptable Bid Security, unless exempted in terms given in the Appendix to ITB and not secured as indicated in sub-clause 16.1 and 16.2, shall be rejected by the Employer as non-responsive.

16.4 The Bid Security of unsuccessful bidders will be returned within 28 days of the end of the Bid validity period specified in Clause 15.1 of ITB.

16.5 The Bid Security of the successful Bidder will be discharged when the Bidder has signed the Agreement and furnished the required Performance Security.

16.6 The Bid Security may be forfeited:

- (a) if the Bidder withdraws the Bid after bid opening (technical qualification bid) during the period of Bid validity;
- (b) in the case of a successful Bidder, if the Bidder fails within the specified time limit to
 - (i) sign the Agreement; and/or
 - (ii) furnish the required Performance Security.

17 Alternative Proposals by Bidders

17.1 Bidders shall submit offers that comply with the requirements of the bidding documents, including the Bill of Quantities and the basic technical design as indicated in the drawings and specifications. Alternative proposals will be rejected as non-responsive.

D. Online Submission of Bids

18 Bidding through E-Tendering System:

18.1 The bidding under this contract is electronic bid submission through website www.pmgsytenders.gov.in. Detailed guidelines for viewing bids and submission of online bids are given on the website. The Invitation for Bids under PMGSY is published on this website. Any citizen or prospective bidder can logon to this website and view the Invitation for Bids and can view the details of works for which bids are invited. The prospective bidder can submit bids online; however, the bidder is required to have enrolment/registration in the website and should have valid Digital Signature Certificate (DSC) in the form of smart card/e- token. The DSC can be obtained from any authorized certifying agencies. The bidder should register in the web site www.pmgsytenders.gov.in using the relevant option available. Then the Digital Signature registration has to be done with the e- token, after logging into the site. After this, the bidder can login the site through the secured login by entering the password of the e-token and the user id/ password chosen during registration. After getting the bid schedules, the Bidder should go through them carefully and then submit the documents as asked, otherwise, the bid will be rejected.

18.2 The completed bid comprising of documents indicated in ITB clause 12, should be uploaded on the website given above through e-tendering along with scanned copies of requisite certificates as are mentioned in different sections in the bidding document and scanned copies of the Bid Document, Demand Draft and Bid Security in approved form.

18.3 The bidder shall furnish information as described in the Form of Bid on commissions or gratuities, if any, paid or to be paid to agents relating to the Bid, and to contract execution if the bidder is awarded the contract.

19 Electronic Submission of Bids:

19.1 The bidder shall submit online two separate files. Part I, marked as Part I: Technical Qualification Part and Part II; marked as Part II: Technical- Financial Part. The above files will have markings as given in the Bid Data Sheet.

The contents of the Technical Qualification and Technical Financial bid shall be as specified in clause 12 of the ITB. All the documents are required to be signed digitally by the bidder. After electronic on line bid submission, the system generates a unique bid identification number which is time stamped. This shall be treated as acknowledgement of bid submission.

20 Deadline for Submission of Bids

20.1 Complete Bids in two parts as per clause 19 above must be submitted by the Bidder online not later than the date and time indicated in the Appendix to ITB.

20.2 The Employer may extend the deadline for submission of bids by issuing an amendment in accordance with Clause 10.3 of ITB. In such case all rights and obligations of the Employer and the bidders previously subject to the original deadline will then be subject to the new deadline.

21 Modification/ Withdrawal/Late Bids

21.1 The electronic bidding system would not allow any late submission of bids after due date and time as per server time.

21.2 Bidders may modify their bids by uploading their request for modification before the deadline for submission of bids. For this, the bidder need not make any additional payment towards the cost of tender document. For bid modification and consequential re- submission, the bidder is not required to withdraw his bid submitted earlier. The last modified bid submitted by the bidder within the bid submission time shall be considered as the bid. For this purpose, modification/withdrawal by other means will not be accepted. In online system of bid submission, the modification and consequential re-submission of bids is Allowed any number of times. The bidders may withdraw his bid by uploading their request before the deadline for submission of bids; however, if the bid is withdrawn, the re-submission of the bid is not allowed.

21.3 No bid shall be modified or withdrawn after the deadline of submission of bids.

21.4 Withdrawal or modification of a bid between the deadline for submission of bids and the expiration of the original period of bid validity specified in clause 15.1 above or as extended pursuant to Clause 15.2 may result in the forfeiture of the Bid Security pursuant

to Clause 16.

E. Bid Opening and Evaluation

22 Bid Opening

22.1 The Employer inviting the bids or its authorized representative will open the bids online and this could be viewed by the bidders also online. In the event of the specified date for the Opening of bids being declared a holiday for the Employer, the Bids will be opened at the appointed time and location on the next working day.

22.2 The file containing the Part-I of the bid will be opened first.

22.3 In all cases, the amount of Bid Security, cost of bid documents, and the validity of the bid shall be scrutinized. Thereafter, the bidders' names and such other details as the Employer may consider appropriate, will be notified as Part-I bid opening summary by the Authority inviting bids at the online opening. A separate electronic summary of the opening is generated and kept on-line.

22.4 The Employer will also prepare minutes of the Bid opening, including the information disclosed in accordance with Clause 22.3 of ITB and upload the same for viewing online.

22.5 Evaluation of Part-I of bids with respect to Bid Security, qualification information and other information furnished in Part I of the bid in pursuant to Clause 12.1 of ITB, shall be taken up and completed within five working days of the date of bid opening, and a list will be drawn up of the qualified bidders whose Part- II of bids are eligible for opening.

22.6 The result of evaluation of Part-I of the Bids shall be made public on e- procurement systems following which there will be a period of five working days during which any bidder may submit complaint which shall be considered for resolution before opening Part-II of the bid.

22.7 The Employer shall inform the bidders, who have qualified during evaluation of Part I of bids, of the date, time of online opening of Part II of the bid, if the specified date of opening of financial bid is changed. In the event of the specified date being declared a holiday for the Employer, the bids will be opened at the appointed time and location on the next working day.

22.8 Part II of bids of only those bidders will be opened online, who have qualified in Part I of the bid. The bidders' names, the Bid prices, the total amount of each bid, and such other details as the Employer may consider appropriate will be notified online by the Employer at the time of bid opening.

22.9 The Employer shall prepare the minutes of the online opening of Part-II of the Bids and upload the same for viewing online.

23 Process to be Confidential

23.1 Information relating to the examination, clarification, evaluation, and comparison of bids and recommendations for the award of a contract shall not be disclosed to bidders or any other persons not officially concerned with such process until the award to the successful Bidder has been announced. Any attempt by a Bidder to influence the Employer's processing of bids or award decisions may result in the rejection of his Bid

24 Clarification of Bids and Contacting the Employer

- 24.1 No Bidder shall contact the Employer on any matter relating to its bid from the time of the bid opening to the time the contract is awarded. If the bidder wishes to bring additional information to the notice of the Employer, it should do so in writing.
- 24.2 Any attempt by the bidder to influence the Employer's bid evaluation, bid comparison or contract award decision may result in the rejection of his bid.

25 Examination of Bids and Determination of Responsiveness

- 25.1 During the detailed evaluation of "Part-I of Bids", the Employer will determine whether each Bid (a) meets the eligibility criteria defined in Clauses 3 and 4; (b) has been properly signed; (c) is accompanied by the required securities; and (d) is substantially responsive to the requirements of the bidding documents. During the detailed evaluation of the "Part-II of Bids", the responsiveness of the bids will be further determined with respect to the remaining bid conditions, i.e., priced bill of quantities, technical specifications and drawings.
- 25.2 A substantially responsive "Financial Bid" is one which conforms to all the terms, conditions, and specifications of the bidding documents, without material deviation or reservation. A material deviation or reservation is one (a) which affects in any substantial way the scope, quality, or performance of the Works; (b) which limits in any substantial way, inconsistent with the bidding documents, the Employer's rights or the Bidder's obligations under the Contract; or (c) whose rectification would affect unfairly the competitive position of other bidders presenting substantially responsive bids.
- 25.3 If a Bid is not substantially responsive, it will be rejected by the Employer, and may not subsequently be made responsive by correction or withdrawal of the nonconforming deviation or reservation.

26 Evaluation and Comparison of Bids

- 26.1 The Employer will evaluate and compare only the bids determined to be substantially responsive in accordance with Clause 25 of ITB.
- 26.2 In evaluating the bids, the Employer will determine for each Bid, the evaluated Bid price by adjusting the bid price through making an appropriate adjustment for any other acceptable variation, deviations or price modifications offered in accordance with sub-clause 21 of ITB.
- 26.3 If the Bid of the successful Bidder is seriously unbalanced in relation to the Engineer's estimate of the cost of work to be performed under the contract, the Employer may require the Bidder to produce detailed price analysis for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices. After evaluation of the price analysis, the Employer may require that the amount of the Performance Security set forth in Clause 30 of ITB be increased at the expense of the successful Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract. The amount of the increased Performance Security (i.e. additional performance security) shall be decided at the sole discretion of the Employer, which shall be final, binding and conclusive on the bidder.

F. Award of Contract

27 Award Criteria

27.1 Subject to Clause 30 of ITB, the Employer will award the Contract to the Bidder whose Bid has been determined:

- (i) To be substantially responsive to the bidding documents and who has offered the lowest evaluated Bid price, provided that such Bidder has been determined to be (a) eligible in accordance with the provisions of Clause 3 of ITB, and (b) qualified in accordance with the provisions of Clause 4 of ITB; and
- (ii) to be within the available bid capacity adjusted to account for his bid price which is evaluated the lowest in any of the packages opened earlier than the one under consideration.

28 Employer's Right to Accept any Bid and to Reject any or all Bids

28.1 Notwithstanding Clause 27 above, the Employer reserves the right to accept or reject any Bid, and to cancel the bidding process and reject all bids, at any time prior to the award of Contract, without thereby incurring any liability to the affected Bidder or bidders or any obligation to inform the affected Bidder or bidders of the grounds for the Employer's action.

29 Notification of Award and Signing of Agreement

29.1 The bidder whose Bid has been accepted will be notified of the award by the Employer prior to expiration of the Bid validity period by cable, telex or facsimile confirmed by registered letter. This letter (hereinafter and in the Part I *General Conditions of Contract* called the "Letter of Acceptance") will state the sum that the Employer will pay to the Contractor in consideration of the execution,

completion and the routine maintenance of the works for five years, by the Contractor as prescribed by the Contract (here in after and in the Contract called the “Contract Price”).

29.2 The notification of award will constitute the formation of the Contract, subject only to the furnishing of a Performance Security in accordance with the provisions of Clause 30.

29.3. The Agreement will incorporate all agreements between the Employer and the successful Bidder. It will be signed by the Employer and the successful Bidder after the Performance Security is furnished.

29.4 Upon the furnishing by the successful Bidder of the Performance Security, the Employer will promptly notify the other Bidders that their Bids have been unsuccessful.

30 Performance Security

30.1 The successful bidder/Contractor shall provide to the Employer, a total Performance Security of 5% (five percent) of the Contract Price, for a period of 5 years and the time of completion of construction work plus additional security for unbalanced bids in accordance with clause 26.3 of ITB and Clause 46 Part-I General Conditions of Contract.

Within 10 days after receipt of Letter of Acceptance but before signing the contract, a Performance Security of two and a half percent of Contract Price plus additional security for unbalanced bids in accordance with clause 26.3 of ITB and Clause 46 Part 1 General Conditions of Contract shall be delivered by the successful bidder to the Employer.

The Employer shall retain remaining two and a half percent Performance Security from each payment due to the Contractor until completion of the whole of the construction works (except advance payment as per Clause 45 of General Conditions of Contract).

30.2 Performance Security of two and a half percent shall be delivered by the successful bidder after the receipt of Letter of Acceptance.

Currently, the Performance Security may be accepted in the form of Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit **Receipt or** Bank Guarantee (including e-Bank guarantee) from a Commercial Bank. However, after 1st July, 2023, if the Performance Security is offered in the form of a bank guarantee, then it shall be accepted in form of only e-Bank Guarantee from a commercial bank. However, this may be relaxed in exceptional cases with the prior approval of “Empowered Officer of respective SRRDA” only.

If the Performance Security is in the form of Bank Guarantee (including e-Bank Guarantee), the period of validity of Bank Guarantee (including e-Bank Guarantee) of two and a half percent of Contract Price can be one year initially. However, the Contractor shall get this Bank Guarantee (including e-Bank Guarantee) extended in such a way that an amount equal to the requisite Performance Security is always available with the Employer until 45 days after the lapse of Defect Liability Period. If the Contractor fails to maintain the above Performance Security, the Employer would recover the same from any dues payable to the Contractor. **The validity of all other forms of Performance Security shall also be as indicated above.**

30.3 Failure of successful bidder to comply with the requirement of delivery of Performance Security of two and a half percent of Contract Price plus additional security for

unbalanced bids as per provisions of Clause 30.1 shall constitute sufficient ground for cancellation of award and forfeiture of the Bid Security. Such successful bidder who fails to comply with the above requirements is liable to be debarred from participating in bids under PMGSY for a period of one year.

31 Advances

The Employer will provide Mobilization Advance and Advance against the security of equipment as provided in Part I General Conditions of Contract.

32 Corrupt or Fraudulent Practices

32.1 The Employer requires the Bidders/Contractors to strictly observe the laws against fraud and corruption in force in India, namely, Prevention of Corruption Act, 1988.

32.2 It is required that each Bidder/Contractor (including their respective officers, employees and sub-contractors) adhere to the highest ethical standards, and report to the Government/Department all suspected acts of fraud or corruption or coercion or collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract.

32.3 The Bidder(s)/Contractor(s) commit himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:

(a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any employee of the Employer involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.

(b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness sort cartelize in the bidding process.

(c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Employer as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

(d) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.

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32.4 The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.

32.5 The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in Fraudulent Practice, which means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests. And, this includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid process at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition. The Employer reserves the right to disqualify a bidder for a suitable period who habitually failed to perform in time. The Employer reserves the right to disqualify a bidder for a suitable period who does not perform satisfactorily in the field in accordance with the specification laid down in the contract. The Employer reserves the right to disqualify a bidder for a suitable period who failed to honour the bid without sufficient grounds.

32.6 The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may be fall upon a person, his/ he reputation or property to influence their participation in the tendering process).

32.7 Without prejudice to any rights that may be available to the Employer under law or the Contract or its established policies and laid down procedures, the Employer shall have the following rights in case of breach under Clauses 32.1 to above by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Employer absolute right:

(a) If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Clauses 32.1 to 32.6 above or in any other form, such as to put his reliability or credibility in question, the Employer after giving proper opportunity to the Bidder(s)/Contractor(s) shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes.

(b) Forfeiture of Bid Security/Performance Security: If the Employer has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated the Contract or has accrued the right to terminate the Contract, the Employer apart from exercising any legal rights that may have accrued to the Employer, may in its considered opinion forfeit the entire amount of Bid Security and Performance Security of the Bidder/Contractor as the case maybe.

Annexure I

Provisions Required to be Included in the Joint Venture Agreement

If the application is made by a joint venture of two or more firms, the evidence of clear mandate (i.e. in the form of respective Board Resolution duly authenticated by competent authority*) by such two or more firms willing to form Joint Venture among themselves for the specified project should accompany duly recognising their respective authorised signatories signing for and on behalf of the respective Firms for the purpose of forming the Joint Venture. A certified copy of the power of attorney to the authorized representatives, signed by legally authorized signatories of all the firms of the joint venture shall accompany the application. The JV Agreement shall be signed by the authorized representative of the joint venture. The JV Agreement shall need to be submitted consisting but not limited to the following provisions:

- a. Name, style and Project(s) specific JV with Head Office address
- b. Extent (or Equity) of participation of each party in the JV
- c. Commitment of each party to furnish the Bond money (i.e. Bid Security, performance Security and security for Mobilisation advance) to the extent of his participation in the JV
- d. Responsibility of each Partner of JV (in terms of Physical and Financial involvement)
- e. Working Capital arrangement of JV
- f. Operation of separate Bank account in the name of JV to be operated by at least one foreign partner and one local partner. In case of JV among local partners, both the partners are required to operate.
- g. Provision for cure in case of non-performance of responsibility by any party of the JV.
- h. Provision that NEITHER party of the JV shall be allowed to sign, pledge, sell or otherwise dispose all or part of its respective interests in JV to any party including existing partner(s) of the JV. The Employer derives right for any consequent action (including blacklisting) against any or all JV partners in case of any breach in this regard.
- i. Management Structure of JV with details
- j. Lead Partner to be identified who shall be empowered by the JV to incur liabilities on behalf of JV
- k. Parties/firms committing themselves to the Employer for jointly and severally responsible for the intended works
- l. The Power of Attorney shall be duly notarized.
- m. Any other relevant details

Appendix to ITB

The Employer should fill out this Appendix to ITB before issuing the bidding documents. The insertions should correspond to the information provided in the Invitation for Bids.

Instructions to Bidders
Clause Reference

(1.1) The Employer is Chief Engineer, Shimla Zone HPPWD., Shimla

The Works is Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I. Package No. HP-07-12.

Sub Head :- Formation Cutting, C/o Passing Places, Breast Wall, Retaining Wall, Gabion Wall, Missing CD, Road Side Drain, Parapets, Crash Barrier, Road Sign Board, Dumping site and Tarring work etc.

(1.1) Identification No. of the Works is: Package No. **HP-07-12**

(2.1) The State Himachal Pradesh

(3.1) All contractors are eligible who are registered with HPPWD/CPWD/P&T, Railways/other state govts /Central Govt agencies. Non-registered bidders may submit bids; however, the successful bidders must get registered in appropriate class with appropriate authorities before signing the contract.

4.4.A(a) The minimum financial turnover of Rs. **2571.07 lacs**

(4.4A)(b) Satisfactory completed one similar work of Rs. **1142.70 lacs**

(4.4.B)(b)(i) The key equipment's for road works and field testing laboratory Road Works are:

For Road Works

Sr No	Name of Equipment or Machinery	Quantity
1	Hot Mix Plant of Capacity 40-60TPH	1 No.
2	Static Roller of 8/10 Tonne weight	2 Nos.
3	Concrete Mixer	4 Nos.
4	Tipper or truck	4 Nos.
5	Vibrator needle type	2 Nos.
6	Tar boiler/Bitumen spray	2 Nos.
7	Air compressor	2 Nos.
8	Vibrating Road Roller	1 Nos.
9	Excavator –cum-Loder-JCB	2 Nos.
10	Rotavator	1 Nos.
11	Tractor	2 Nos.
12	Water Tanker 5000 ltr Cap.	2 Nos.
13	Grader	1 No.

For field testing Laboratory

S. No.	Name of the Equipment*	Quantity
1	Post Hole Auger with Extensions	One set (for each package)
2	Digging tools like pickaxe, shovel, etc.	One set (for each package)
3	IS Sieves Nos. with lid and pan: (90mm, 80mm, 63mm, 53mm, 45mm, 27.5mm, 26.5mm, 19mm, 13.2mm, 11.2mm, 9.5mm, 37.5mm, 2.8mm, 5.6mm, 3.35mm, 2.36mm, 600 micron, 425 micron, 300 micron, 150 micron, 180 micron, 90 micron and 75 micron	One set (for each package)
4	Standard Proctor Density Test Appartus with rammer	One set (for each package)
5	Sand Pouring Cylinder with tray complete for field density test	One set (for each package)
6	Core Cutter (10cm dia), 10cm/15cm height complete with dolly and hammer	One set (for each package)
7	Speedy moisture meter complete with chemicals	One set (for each package)
8	Straight Edges	Two Set (for each package)
9	Digital Thermometers	Three Numbers (for each package)
10	Liquid Limit and plastic limit testing apparatus complete with water bottle and glass wares	One Set (for each package)

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11	Gas burner, sand bath	One Set (for each package)
12	Camber Board	Two Set (for each package)
13	Electronic/digital balance 1 kg with the least count of 0.01 gm	One Set (for each package)
14	Electronic/digital balance 5 Kg.	One Set (for each package)
15	Pan balance with weight Box, 5 Kg.	One Set (for each package)
16	Oven (ambient to 2000C)	One Set (for each package)
17	Water bath (ambient to 1000C)	One Set (for each package)
18	Water bath (ambient to 1000C)	One Set (for each package)
19	Enamelled tray	One Set (for each package)
20	Slump cone Testing Equipment	One Set (for each package)

Note :(a) The bidder must produce the following documentary evidence in support of his availability of the above equipment:

1. Road Machinery :

(a) In case self owned then Affidavit of ownership along with registration certificates of vehicles sale letter of unregistered machinery.

(b) In case be hired or leased then Hiring/Leasing agreement with original owner with copy of his vehicles registration certificates, sale letter of unregistered machinery.

2. Field Testing Laboratory : Affidavit of ownership of required equipment.

(4.4 B)(b)(ii)

The Number of Technical personnel, Qualifications and Experience will be as follows:

A. The Technical Personnel are:

[Cl. 9.2 of General Conditions of Contract]

Technical Personnel	Number	Experience in Road Works
A. Degree Holder in Civil Engineering	1 No.	One Year
B. Diploma Holder in Civil Engineering	1 No.	One Year
C. Others(Specify)		

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B. For field testing laboratory;

Technical Personnel	Number	Experience in Road Works
Technician Diploma in CE or B.Sc (Non-Medical)	2 No.	Two years

(4.4 B)(c)(i)

The bidder must produce an affidavit stating that the near Relations of the following departmental officers are not in his employment:

(4.4 B)(c)(ii)

The bidder must produce an affidavit stating the names of retired gazetted officer (if any) in his employment who retired within the last two years with the following ranks from the departments listed below:

Assistant Engineer, Junior Engineer

In case there is no such person in his employment, his affidavit should clearly state this fact.

(4.6)

M=2

(4.7) (ii) Performa of PMGSY works awarded between 1.5 years to 3 years prior to the last date of bidding.

Name of work	Awarded Amount	Date of Award	Date of completion/In progress	Expdtt.	% Financial Achievement
Total:-					

$$\text{Average financial progress} = \frac{\text{Total financial Achievement in \%}}{\text{No. of works}}$$

Signature of bidder

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- (7.1) The contact person is: Project Implementation Unit
Designation: Executive Engineer,
Address:
HP.PWD.,Kaza Division
Telephone No.01906 222252
- (9.2) Place, Time and Date for pre-bid meeting
are: Place: Time: Date:
- (11.1) Language of the bid is: English
- (12.1) Part I(v)
- (13.2.) Bids may be submitted only in one of the following:
Percentage Rate for construction part whereas,
routine maintenance work is fixed rate and amount
specified by the authority.)

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- (13.2) Schedule of Rate applicable for Percentage Rate Method is:
- (15.1) Bid validity date: 01.08.2026.
- (16.1) The amount of Bid Security shall be **Rs. 71.31Lacs (Rupees Seventy One Lakh and Thirty One Thousand Only)**
- (16.2) **Bid Security: online payment only must be drawn in favour of:
Executive Engineer,
HP.PWD.,Kaza Division**
- (16.3) No Exemption from Bid Security is granted
- (20.1) The Employer's address for the purpose of Bid submission is

Superintending Engineer, 11th Circle HPPWD.Rampur
- (20.1) The deadline for submission of bids shall be:
Time: 1700 hours
Date: 25th June 2026
- (22.1)&(22.6)

The date and time for opening of the Bids are:
(A) Technical Qualification Part of Bid

Date: 27th June 2026
Time: 1100 hours

(B) Technical Financial Part of Bid (For qualified bidder as)

Date
Time

(i) Performance Security shall be valid until a date 45 days after the expiry of Defects Liability Period of 5 years after intended completion date.

(ii) Additional Performance Security for unbalanced Bid shall be valid for 45 days plus intended completion period.

Signature of Employer/ Authorised Signatory

Date

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Project Name	Name of Employer	Description of work	Value of contract	Contract No.	Date of Issue of Work Order	Stipulated Date of Completion	Actual Date of Completion	Remarks explaining reasons for Delay, if any

1.3.3 Information on Bid Capacity (works for which bids have been submitted and works which are yet to be completed) as on the date of this bid.

Existing commitments and on-going construction works:

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

* Enclose certificate(s) from Engineer(s)-in-charge for value of work remaining to be completed.

1.4 Availability of Major items of Contractor's Equipment proposed for carrying out the Works. List all information requested below. Refer also to Clause 4.2(d) and Clause 4.4B (b) of the Instructions to Bidders.

Item of Equipment	Description, make, and age (Years), and capacity	Condition (new, good, poor) and number available	Owned, leased (from whom?), or to be purchased

1.5 Qualifications of technical personnel proposed for the Contract. Refer also to Clause 4.2(e) of the Instructions to Bidders and Clause 9.2 of Part-I General Conditions of Contract.

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Position	Name	Qualification	Years of experience		
			Road Works	Building Works	Other

1.6 Proposed sub-contractors and firms involved for construction. Refer to Clause 7 of Part I General Conditions of Contract.

Sections of the Works	Value of subcontract	Sub-contractor(name and address)	Experience in similar work

Note: The capability of the sub-Contractor will also be assessed (on the same lines as for the main Contractor) before according approval to him.

1.7 Financial reports for the last five years: balance sheets, profit and loss statements, auditors' reports, etc. List below and attach copies.

1.8 Name, address, and telephone, telex, and facsimile numbers of banks that may provide references if contacted by the Employer.

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1.9 Information on current litigation in which the Bidder is involved.

Name of Other party(s)	Cause of dispute	Litigation where (Court/arbitration)	Amount involved (Rs. In Lakh)

1.10 Proposed Programme. Descriptions, drawings, and charts as necessary, to comply with the requirements of the bidding documents.

Section 4 Conditions

Part – I General Conditions of Contract

The Conditions of Contract, read in conjunction with Part II Special Conditions of Contract and the Contract Data and other documents listed therein, should be a complete document expressing fairly the rights and obligations of both parties. The conditions of contract provide for both construction and routine maintenance.

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Section 4

Part I General Conditions of Contract

A. General

1. Definitions

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

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

Compensation Events are those defined in Clause 40 hereunder.

The Completion Date is the date of completion of the Works as certified by the Engineer, in accordance with Clause 48.1.

The Contract is the Contract between the Employer and the Contractor to execute, complete, and maintain the Works. It consists of the documents listed in Clause 2.3.

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

The Contractor is a person or corporate body whose Bid to carry out the Works, including routine maintenance, has been accepted by the Employer.

The Contractor's Bid is the completed bidding document submitted by the Contractor to the Employer.

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

Days are calendar days; months are calendar months.

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

The Defects Liability Certificate is the certificate issued by the Engineer, after the Defects Liability Period has ended and upon correction of Defects by the Contractor.

The Defects Liability Period is five years calculated from the Completion Date.

Drawings include calculations and other information provided or approved by the Engineer for the execution of the Contract.

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The Employer is the party as defined in the Contract Data, who employs the Contractor to carry out the Works, including routine maintenance. The Employer may delegate any or all functions to a person or body nominated by him for specified functions.

The Engineer is the person named in the Contract Data (or any other competent person appointed by the Employer and notified to the Contractor, to act in replacement of the Engineer) who is responsible for supervising the execution of the Works and administering the Contract.

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

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

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

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

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

Routine Maintenance is the maintenance of roads for five years as specified in the Contract Data.

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

Site Investigation Reports are those that were included in the bidding documents and are reports about the surface and subsurface conditions at the Site.

Specifications mean the Specifications for Rural Roads of Ministry of Rural Development (2014).

The **Start Date** is given in the Contract Data. It is the date when the Contractor shall commence execution of the Works.

A **Sub-Contractor** is a person or corporate body who has a Contract with the Contractor to carry out a part of the construction work and/or routine maintenance in the Contract, which includes work on the Site.

Temporary Works are works designed, constructed, installed, and removed by the Contractor that are needed for construction or installation of the Works.

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

The **Works**, as defined in the Contract Data, are what the Contract requires the Contractor to construct, install, maintain, and hand over to the Employer. Routine maintenance is defined separately.

2. Interpretation

- 2.1 In interpreting these Conditions of Contract, singular also means plural, male also means female or neuter, and the other way around. Headings have no significance. Words have their normal meaning under the language of the Contract unless specifically defined. The Engineer will provide instructions clarifying queries about these Conditions of Contract.
- 2.2 If sectional completion is specified in the Contract Data, references in the Conditions of Contract to the Works, the Completion Date, and the Intended Completion Date apply to any Section of the Works (other than references to the Completion Date and Intended Completion Date for the whole of the Works).
- 2.3 The documents forming the Contract are to be taken as mutually explanatory, and unless otherwise expressly provided elsewhere in the Contract, the priority of the documents, in the event of any ambiguity between them, shall be interpreted in the following order of priority:
- (1) Agreement,
 - (2) Notice to Proceed with the Work,
 - (3) Letter of Acceptance,
 - (4) Contractor's Bid,
 - (5) Contract Data,
 - (6) Special Conditions of Contract Part II,
 - (7) General Conditions of Contract Part I,
 - (8) Specifications,
 - (9) Drawings,
 - (10) Bill of Quantities, and
 - (11) Any other document listed in the Contract Data.

3. Language and Law

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

4. Engineer's Decisions

- 4.1 Except where otherwise specifically stated, the Engineer will decide contractual matters between the Employer and the Contractor in the role representing the Employer. However, if the Engineer is required under the rules and regulations and orders of the Employer to obtain approval of some other authorities for specific actions, he will so obtain the approval.

4.2 Except as expressly stated in the Contract, the Engineer shall not have any authority to relieve the Contractor of any of his obligations under the Contract.

5. Delegation

5.1 The Engineer, with the approval of the Employer, may delegate any of his duties and responsibilities to other person, after notifying the Contractor, and may cancel any delegation after notifying the Contractor.

6. Communications

6.1 All certificates, notices or instructions to be given to the Contractor by the Employer/Engineer shall be sent on the address or contact details given by the Contractor in Section 6 - Form of Bid. The address and contact details for communication with the Employer/Engineer shall be as per the details given in Contract Data to GCC. Communications between parties that are referred to in the conditions shall be in writing. The Notice sent by facsimile (fax) or other electronic means shall 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.

7. Subcontracting

7.1 The Contractor may subcontract part of the construction work with the approval of the Employer in writing, up to 25 percent of the contract price, also part or full routine maintenance work after completion of construction work but will not assign the Contract. It is expressly agreed that the Contractor shall, at all times, be responsible and liable for all his obligations under this Agreement notwithstanding anything contained in the agreements with his Sub-contractors or any other agreement that may be entered into by the Contractor and no default under any such agreement shall exempt the Contractor from his obligations or liability hereunder.

7.2 The Contractor shall not be required to obtain any consent from the Employer for:

- (a) the sub-contracting of any part of the Works for which the Sub-Contractor is named in the Contract;
- (b) the provision for labour, or labour component.
- (c) the purchase of Materials which are in accordance with the standards specified in the Contract.

7.3 Beyond what has been stated in clauses 7.1 and 7.2, if the Contractor proposes sub-contracting any part of the work or full routine maintenance for five years, during execution of the Works, the Employer will consider the following before according approval:

- (a) The Contractor shall not sub-contract the whole of the Works.
- (b) The Contractor shall not sub-contract any part of the Works without prior consent of the Employer. Any such consent shall not relieve the Contractor from any liability or obligation under the Contract and he shall be responsible for the acts, defaults and neglects of any of his sub-Contractor, his agents or

workmen as fully as if they were the acts, defaults or neglects of the Contractor, his agents and workmen.

7.4 The Engineer should satisfy himself before recommending to the Employer whether the Sub-Contractor so proposed for the Works possesses the experience, qualifications and equipment necessary for the job proposed to be entrusted to him in proportion to the quantum of Works to be sub-contracted.

7.5 While sub-contracting part of construction work as per provisions of Clause 7.1 and above, the Contractor shall enter into formal sub-contract with sub-contractor making provisions for such requirements as may be specified by the Engineer including a condition that to the extent of inconsistency, provision of the Contract shall prevail over the provisions of the sub-contract. A copy of document of formal sub-contract shall be furnished to the Employer within a period of 30 days from the date of such sub-contract. In all such cases, on completion of the Contract, the Engineer, unless for reasons recorded in writing decides otherwise shall issue a Certificate of Experience to the contractor and in such certificate, the experience of the sub-contractors shall also be mentioned. The Copy of such certificate would also be endorsed to the sub-contractor.

8 Other Contractors

8.1 The Contractor shall cooperate and share the Site with Other Contractors, public authorities, utilities, and the Employer between the dates given in the Schedule of Other Contractors, as referred to in the Contract Data. The Contractor shall also provide facilities and services for them as described in the Schedule. The Employer may modify the Schedule of Other Contractors, and shall notify the Contractor of any such modification.

8.2 The Contractor should take up the works in convenient reaches as decided by the Engineer to ensure there is least hindrance to the smooth flow of traffic including movement of vehicles and equipment of Other Contractors till the completion of the Works.

9 Personnel

9.1 The Contractor shall ensure that the personnel engaged by it in the performance of its obligations under this Contract are at all times appropriately qualified, skilled and experienced in their respective functions.

9.2 The Contractor shall employ for the construction work and routine maintenance, the technical personnel named in the Contract Data or other technical persons approved by the Engineer. The Engineer will approve any proposed replacement of technical personnel only if their relevant qualifications and abilities are substantially equal to or better than those of the personnel stated in the Contract Data.

9.3 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 seven days and has no further connection with the Works in the Contract. The Contractor shall then appoint (or cause to be appointed) replacement.

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9.4 The Contractor shall not employ any retired Gazetted officer who has worked in the Engineering Department of the State Government and has either not completed two years after the date of retirement or has not obtained State Government's permission for employment with the Contractor.

9.5 The Engineer may require the Contractor to remove (or cause to be removed) any person employed on the Site or Works, including the Contractor's Representative, who in the opinion of the Engineer:

- (a) persists in any misconduct,
- (b) is incompetent or negligent in the performance of his duties,
- (c) fails to conform with any provisions of the Contract, or
- (d) persists in any conduct which is prejudicial to safety, health, or the protection of the environment.

10 Employer's and Contractor's Risks

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

11. Employer's Risks

11.1 The Employer is responsible for the excepted risks which are (a) in so far as they directly affect the execution of the Works in the Employer's country, the risks of war, invasion, act of foreign enemies, rebellion, revolution, insurrection or military or usurped power, civil war, riot commotion or disorder (unless restricted to the Contractor's employees) and contamination from any nuclear fuel or nuclear waste or radioactive toxic explosive, or (b) a cause due solely to the design of the Works, other than the Contractor's design.

12 Contractor's Risks

12.1 All risks of loss of or damage to physical property and of personal injury and death which arise during and in consequence of the performance of the Contract other than the excepted risks, referred to in clause 11.1, are the responsibility of the Contractor.

13 Insurance

13.1 The Contractor at his cost shall provide, in the joint names of the Employer and the Contractor, insurance cover from the Start Date to the date of completion, in the amounts and deductibles stated in the Contract Data for the following events which are due to the Contractor's risks:

- (a) loss of or damage to the Works, Plant and Materials;
- (b) loss of or damage to Equipment;
- (c) loss of or damage to property (except the Works, Plant, Materials, and Equipment) in connection with the Contract; and
- (d) Personal injury or death.

13.2 Insurance policies and certificates for insurance shall be delivered by the Contractor to the Engineer for the Engineer's approval before the Start Date. All such insurance shall provide for compensation to be payable in Indian Rupees to rectify the loss or damage incurred.

13.3(a) The Contractor at his cost shall also provide, in the joint names of the Employer and the Contractor, insurance cover from the date of completion to the end of Defects Liability Period, in the amounts and deductibles stated in the Contract Data for personal injury or death which are due to the Contractor's risks:

13.3 (b) Insurance policies and certificates for insurance shall be delivered by the Contractor to the Engineer for approval before the completion date/start date. All such insurance shall provide for compensation to be payable in Indian Rupees.

13.4 Alterations to the terms of insurance shall not be made without the approval of the Employer.

13.5 Both parties shall comply with any conditions of the insurance policies.

14 Site Investigation Reports

14.1 The Contractor, in preparing the Bid, may, at his own risk, rely on any Site Investigation Reports if referred to in the Contract Data, supplemented by any other information available to him, before submitting the bid.

15 Queries about the Contract Data

15.1 The Engineer will clarify queries on the Contract Data.

16 Contractor to Construct the Works and do maintenance

16.1 The Contractor shall construct, and install and maintain the Works and do the work of routine maintenance in accordance with the Specifications and Drawings. **The works shall be executed as per terms and conditions of this contract.**

17 The Works to Be Completed by the Intended Completion Date

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

18 Approval by the Engineer

18.1 The Contractor shall submit Specifications and Drawings showing the proposed Temporary Works to the Engineer, who is to approve them.

18.2 The Contractor shall be responsible for design and safety of Temporary Works.

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

18.4 The Contractor shall obtain approval of third parties to the design and safety of the

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Temporary Works, where required.

- 18.5 All Drawings prepared by the Contractor for the execution of the temporary or permanent Works, are subject to prior approval by the Engineer before their use.

19 Safety

- 19.1 The Contractor shall be responsible for the safety of all activities on the Site.
- 19.2 The Contractor shall be responsible for safety of all persons, employed by him on Works, directly or through petty contractors or Sub-Contractors, and shall report accidents to any of them, however, and wherever occurring on Works, to the Engineer or the Engineer's Representative, and shall make every arrangement to render all possible assistance and to provide prompt and proper medical attention. The compensation for affected Workers or their relatives shall be paid by the Contractor in such cases expeditiously in accordance with the Workmen's Compensation Act and other labour Laws and regulations.

20 Discoveries

- 20.1 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.

21. Possession of the Site

- 21.1 The Employer shall handover complete or part possession of the site to the Contractor seven days in advance of construction programme. At the start of the work, the Employer shall handover the possession of at least 75% of the site.

22 Access to the Site

- 22.1 The Contractor shall allow access to the Site and to any place where work in connection with the Contract is being carried out, or is intended to be carried out to the Engineer and any person/persons/agency authorized by:
- (a) The Engineer
 - (b) The Employer
 - (c) The Ministry of Rural Development, Government of India.
 - (d) The National Rural Roads Development Agency, Government of India

23 Instructions

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

24 Dispute Redressal System

- 24.1 If any dispute or difference of any kind what-so-ever shall arise in connection with or arising out of this Contract or the execution of Works or maintenance of the Works there under, whether before its commencement or during the progress of Works or after the termination, abandonment or breach of the Contract, it shall, in the first instance, be referred for settlement to the competent authority within 45 days of arising of the dispute or difference, described along with their powers in the Contract Data, above the rank of the Engineer. The competent authority shall, within a period of forty-five days after being requested in writing by the Contractor to do so, convey his decision to the Contractor. Such decision in respect of every matter so referred shall, subject to review as hereinafter provided, be final and binding upon the Contractor. In case the Works is already in progress, the Contractor shall proceed with the execution of the Works, including maintenance thereof, pending receipt of the decision of the competent authority as aforesaid, with all due diligence.
- 24.2 Either party will have the right of appeal, against the decision of the competent authority, to the Standing Empowered Committee within 90 days of decision of the competent authority if the amount appealed against exceeds 0.20 (zero point two zero) percent of the initial contract price.
- 24.3 The composition of the Empowered Standing Committee will be:
- I. One official member, Chairman of the Standing Empowered Committee, not below the rank of Additional Secretary to the State Government;
 - II. One official member not below the rank of additional chief engineer; and
 - III. One non-official member who will be technical expert of Chief Engineer's or Superintending Engineer's level selected by the Contractor from a panel of three persons given to him by the Employer.
- 24.4 The Contractor and the Employer will be entitled to present their case in writing duly supported by documents. If so requested, the Standing Empowered Committee may allow one opportunity to the Contractor and the Employer for oral arguments for a specified period. The Empowered Committee shall give its decision within a period of ninety days from the date of appeal, failing which the Contractor can approach the appropriate court for the resolution of the dispute.
- 24.5 The decision of the Standing Empowered Committee will be binding on the Employer for payment of claims up to five percent of the Initial Contract Price. The Contractor can accept and receive payment after signing as "in full and final settlement of all claims". If he does not accept the decision, he is not barred from approaching the courts. Similarly, if the Employer does not accept the decision of the Standing Empowered Committee above the limit

of five percent of the Initial Contract Price, he will be free to approach the courts applicable under the law.

25 Arbitration

- 25.1 In view of the provision of the clause 24 on Dispute Redressal System, it is the condition of the Contract that there will be no arbitration for the settlement of any dispute between the parties.

B. Time Control

26. Programme

- 26.1 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 in the Works, for the construction of works. After the completion of the construction works, the programme for the Routine Maintenance Work, showing the general methods, arrangements, order and timing for all the activities involved in the Routine Maintenance will also be submitted by the Contractor to the Engineer for approval. The programme for Routine Maintenance will be submitted in each year for the period of Maintenance.
- 26.2 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/ equipments being placed in field laboratory and the location of field laboratory along with the Programme. The Engineer shall cause these details to be verified at each appropriate stage of the programme.
- 26.3 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.
- 26.4 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.
- 26.5 The Engineer's approval of the Programme shall not alter the Contractor's obligations. The Contractor may revise the Programme and submit it to the Engineer again at any time. A revised Programme shall show the effect of Variations and Compensation Events.

27 Extension of the Intended Completion Date

- 27.1 The Employer on recommendation of the Engineer shall extend the Intended Completion Date if a Compensation Event occurs or a Variation is issued which makes it impossible for Completion to be achieved by the Intended Completion Date without the Contractor taking steps to accelerate the remaining Works, which would cause the Contractor to incur additional cost.
- 27.2 The Employer on recommendation of the Engineer shall decide whether and by how much

time to extend the Intended Completion Date within 21 days of the Contractor asking the Engineer for a decision upon the effect of a Compensation Event or Variation and submitting full supporting information. If the Contractor has failed to cooperate in dealing with a delay, the delay by this failure shall not be considered in assessing the new Intended Completion Date.

28 Delays Ordered by the Engineer

28.1 The Engineer may instruct the Contractor to delay the start or progress of any activity within the Works. Delay/delays totaling more than 30 days will require prior written approval of the Employer.

29 Management Meetings

29.1 The Engineer may require the Contractor to attend a management meeting. The business of a management meeting shall be to review the plans for the Works.

29.2 The Engineer shall record the business of management meetings and provide copies of the record to those attending the meeting. The responsibility of the parties for actions to be taken shall be decided by the Engineer either at the management meeting or after the management meeting and stated in writing to all those who attended the meeting.

C. Quality Control

30 Identifying Defects

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

31 Tests

31.1 For carrying out mandatory tests as prescribed in the specifications, the Contractor shall establish field laboratory at the location decided by Engineer. The field laboratory will have minimum equipments as specified in the Contract Data. The Contractor shall be solely responsible for:

- (a) Carrying out the mandatory tests prescribed in the MoRD Specifications, and
- (b) For the correctness of the test results, whether preformed in his laboratory or elsewhere.

31.2 If the Engineer instructs the Contractor to carry out a test not specified in the Specifications to check whether any work has a Defect and the test shows that it does, the Contractor shall pay for the test and any samples.

32 Correction of Defects noticed during the Defects Liability Period and Routine Maintenance of Roads for five years

32.1 The Engineer shall give notice to the Contractor of any Defects before the end of the Defects Liability Period, which begins from the Completion Date and ends after five years. The Defects Liability Period shall be extended for as long as the Defects remain to be corrected.

32.2 Every time notice of Defect/Defects is given, the Contractor shall correct the notified Defect/Defects within the duration of time specified by the Engineer's notice.

32.3 The Contractor shall do the routine maintenance of roads, including pavement, road sides and cross drains including surface drains to the required standards and in the manner as defined in clause 1.1 and keep the entire road surface and structure in Defect free condition during the entire maintenance period which begins from the Completion Date and ends after five years.

32.4 In compliance to Programme of Routine maintenance work (as per clause 26.1) submitted by the contractor, he shall carry out monthly inspection of roads under maintenance, based on which , he shall submit monthly bills , on line on e- Marg as detailed in subsequent clauses.

The routine maintenance standards shall meet the following minimum requirements:-

- (i) Potholes on the road surface to be repaired soon after (but not more than 15 days to rectify) these appear or brought to his notice either during the Contractor's monthly inspection or by the Engineer.
- (ii) Road shoulders to be maintained in proper condition to make them free from excessive edge drop offs, roughness, scouring or pot holes.
- (iii) Cleaning of surface drains including reshaping to maintain free flow of water.
- (iv) Cleaning of culvert sand pits for free flow of water.
- (v) Maintenance of road signs, pavement markings and other traffic control devices
- (vi) Any other maintenance operation required to keep the road traffic worthy at all times during the maintenance period.
- (vii) Maintenance of Cross –Drainage works.
- (viii) The maintenance activity includes clearing of tree branches to keep the sight distance visible all the time.

32.5 To fulfil the objectives laid down in sub clauses 32.3 and 32.4 above, the Contractor shall undertake detailed inspection of the roads at least once in a month. The Engineer can increase this frequency in case of emergency. The Contractor shall forward to the Engineer, the record of inspection and rectification each month. The Contractor shall pay particular attention

on those road sections which are likely to be damaged or inundated during rainy season.

32.6 The Engineer may issue notice to the Contractor to carry out removal of defects or deficiencies in maintenance, if any, noticed in his inspection, or brought to his notice. The Contractor shall remove the defects and deficiencies within the period specified in the notice and submit to the Engineer a compliance report. In any case, the rectification shall be done within 15 days.

33 Uncorrected Defects

33.1 If the Contractor has not corrected a Defect pertaining to the Defects Liability Period under clause 32.1 and clause 32.2 of these Conditions of Contract, to the satisfaction of the Engineer, within the time specified in the Engineer's notice, the Engineer will assess the cost of having the Defect corrected, and the Contractor will pay this amount, on correction of the Defect.

D. Cost Control

34 Bill of Quantities

34.1 The Bill of Quantities shall contain items for the construction, installation, testing, and commissioning, maintaining works, and lump sum amount per km for yearly routine maintenance for each of the five years separately, to be done by the Contractor.

34.2 The Bill of Quantities is used to calculate the Contract Price. The Contractor is paid for the quantity of the work done at the rate in the Bill of Quantities for each item for the construction of roads. The payment for routine maintenance of roads to the Contractor is performance based.

35 Variations

35.1 The Engineer shall, having regard to the scope of the Works and the sanctioned estimated cost, have power to order, in writing, Variations within the scope of the Works, he considers necessary during the progress of the Works. Such Variations shall form part of the Contract and the Contractor shall carry them out and include them in updated Programmes produced by the Contractor. Oral orders of the Engineer for Variations, unless followed by written confirmation, shall not be taken in to account.

36 Payments for Variations

36.1 If the quantity of work for any BOQ item is varied, it will not constitute a variation for the purpose of payment to the contractor, at a rate other than the one mentioned in the Agreement.

36.2 If the items for Variation are not specified in the Bill of Quantities, the Engineer shall derive the rate for such variation item from similar items in the Bill of Quantities.

36.3 If the rate for Variation item cannot be determined in the manner specified in Clause 36.2, the Contractor shall, within 14 days of the issue of order of Variation work, inform the Engineer the rate which he proposes to claim, supported by analysis of the rates. The Engineer

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shall assess the quotation and determine the rate based on prevailing market rates within one month of the submission of the claim by the Contractor. As far as possible, the rate analysis shall be based on the standard data book and the relevant schedule of rates of the state. The recommendation of the Engineer on the rate so determined shall be submitted to the employer for approval. The decision of the employer shall be final and binding on the Contractor.

37 Cash Flow Forecasts

37.1 When the Programme is updated, the Contractor shall provide the Engineer with an updated cash flow forecast.

38 Payment Certificates

38.1 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 within 14 days and certify the amount to be paid to the Contractor.
- (c) The value of work executed shall be determined, based on measurements by the Engineer.
- (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) 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.
- (g) The payment of final bill shall be governed by the provisions of Clause 50 of GCC.

38.2 The payment to the Contractor will be as follows for routine maintenance:

The payment for routine maintenance of roads to the Contractor is performance based and at per km per year rate as provided in the contract. For assessing performance of roads and payment, contractor to register and submit monthly bills on maintenance on web based utility called e- Marg (www.emarg.gov.in). The performance of roads will be assessed on e-Marg, through regular routine inspection RI and Performance Evaluation PE by the engineer. The details of RI, marking system in PE and payment methodology is given in note below. The detailed marking system is given in contract data, clause 4(vi).

- a. Payment for routine maintenance will be performance based. For certification of payment of routine maintenance, the engineer shall determine whether the contractor has actually achieved compliance to the Service Quality Level (and other requirements) specified in the Scope of Work,

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with reference to 100 point (hundred point) performance index reassigned to various maintenance activities as given in the contract data of GCC and the engineer shall certify the amount to be paid to the contractor. If contractor has not corrected a Defect pertaining to the Defects Liability Period or attended maintenance work under clause 32 of these conditions, to the required standard and performance index is below 80 points (eighty points) no payment will be released for that period even if such maintenance is attended in subsequent months. If performance index is 100 points full payment, at the approved rate, shall be released. If performance index is between 80 to 100, proportionate deduction in payment will be made for the works not attended during that period.

- b. For performance evaluation and payment of routine maintenance individual road shall be the unit. Evaluation shall be done separately for every km or part thereof (segment wise) and weighted average of marks obtained shall be considered while making payment.
- c. If any two segments get less than 80 marks or any particular segment continuously gets less than 80 marks, the payment for whole road shall be denied. Details are as below.

Note: The Routine Inspection and performance evaluation of road will be done for each KM or part of it, as the rates for maintenance are per KM basis. . For details, bidders to refer the latest SOP issued by NRIDA on Performance Based Maintenance Contract as applicable on the day of bid submission .The PBMC system is a web based system called e-Marg of latest version. The bill submissions by the contractors, Performance evaluation, photographic records, payment etc is on e-Marg and contractor is supposed to be well versed with the system. The performance evaluation and marking system is broadly as per the SOP issued by NRIDA and final marking is subject to the entire satisfaction of the engineer, who has full authority to assess and give marks in PE.

ROUTINE INSPECTIONS

1. Every road must be inspected for Routine Inspection (RI) at least once in two months. (Bi-monthly frequency)
2. Routine inspection can be carried out by any of the PIU officers including Sub Engg/JE/AE/DE/AEE/EE or equivalent.
3. Riis to be carried out using e MARG mobile app only.
4. For the purpose of RI, each road shall be divided into segments of one kilometre or part thereof. Complete road length shall be compulsorily inspected during a routine inspection.
5. For each segment two geo-tagged and time-stamped photographs shall be uploaded for each segment. The chainages for capturing photographs shall be system generated to ensure randomness.
6. During RI, inspected segment shall be graded as Satisfactory(S), Satisfactory but requires improvement (SRI) and Unsatisfactory (U) as per the prescribed format in e-Marg.
7. The concerned officers and contractor can view the detailed report of the RI using their respective log- in credentials.

PERFORMANCE EVALUATION

1. Every road must be evaluated at least once in two months. (Bi-monthly frequency)
2. PE can be carried out by any of the PIU officers including Sub Engg/JE/AE/DE/AEE or equivalent.

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3. For the purpose of PE, each road shall be divided into segments of one kilometre or part thereof. Based on the grading of RI and photographs uploaded during RI, every segment is given marks out of 100 on the parameters fixed for PE. The weighted average marks are then evaluated for the entire road.
4. All the PE conducted need to be finalized by the respective PIU-in-charge. While finalizing PE, PIU-in-charge may change the marks given to the road by the inspecting officer, along with mentioning the reasons for the change made.
5. Criteria for Payment based on the marks obtained in PE is as follows:
 - a) If the weighted average marks for the entire road is 100 then full payment will be done.
 - b) If the weighted average marks for the entire road is between 80 and 100, then proportionate payment will be done. For e.g if the marks obtained is 88 out of 100 then 88% of the amount of bill raised will be paid.
If the weighted average marks for the entire road is less than 80 then no payment will be done for the entire road.
 - d) If any two segments of a road get less than 80 marks in the same PE, then no payment will be done for the entire road.
 - e) If any particular segment of a road gets less than 80 marks in two consecutive PE, then no payment will be done for the entire road.

d. The Contractor shall submit to the Engineer a bill every month for the routine maintenance of the roads from the date the maintenance period starts i.e. from completion date as defined in Clause 1.1, it will be supported with a copy of the record of the Contractor's monthly inspection and other instructions received from the Engineer.

e. The payment will be made Six monthly for the monthly bills received and as certified by the Engineer based on performance by the Contractor.

f. The contractor shall submit monthly bills by the 10th day of the next month (on web based software utility e- Marg) and if the bill for a month is not received from the Contractor, he forfeits his right for the payment and no payment shall be due to the contractor.

On submission of timely bills, engineer to certify the quality and actions taken as per clause 32.6 by the contractor, by way of Routine inspection and Performance evaluation, marking system as explained herein before, the frequency of RI and PE is every two months and payment of bills is six monthly. Engineer cannot delay RI and PE as these become due on e- Marg (a web based software utility as explained in succeeding paras and herein before).

g. If the Contractor has failed to carry out the maintenance within the period specified by the Engineer, no payment of any kind will be due to the Contractor for that month.

39. Payments

39.1 Payments shall be adjusted for deductions for advance payments, security deposit, other recoveries in terms of the Contract and taxes at source, as applicable under the law. The Employer shall pay the Contractor the amounts the Engineer has certified, within 15 days of the date of each **certificate subject to fulfillment of conditions mentioned in the contract data.**

39.2 The Employer may appoint another authority, as specified in the Contract Data (or any other competent person appointed by the Employer and notified to the Contractor) to make payment certified by the Engineer.

39.3 Items of the Works for which no rate or price has been entered in the Bill of Quantities, will not be paid for by the Employer and shall be deemed covered by other rates and prices in the Contract.

39.4 Payment for the routine maintenance of the roads will be made Six Monthly for the satisfactory maintenance of the Works and based on the monthly bills submitted by the Contractor as per Clause 38.2 above and certified by the engineer, within 15 days of the date of each certificate.

40 Compensation Events

40.1 The following shall be Compensation Events unless they are caused by the Contractor:

- (a) The Engineer orders a delay or delays exceeding a total of 30 days.
- (b) The effects on the Contractor of any of the Employer's Risks.

40.2 If a Compensation Event would prevent the Works being completed before the Intended Completion Date, the Intended Completion Date shall be extended. The Engineer shall recommend to the Employer whether and by how much the Intended Completion Date shall be extended. Final approval shall rest with the Employer.

41 Tax

41.1 The rates quoted by the contractor shall be deemed to be exclusive of the Goods and Services Tax (GST) but including labour cess, other levies, duties, royalties, cess, toll, taxes of local bodies and authorities that the contractor will have to pay for the performance of this contract. The employer will perform such duties in regard to the deduction of such taxes including GST at source, require deductions in this reference will be made as per applicable law. GST as per prevailing rate at the time of payment/bill submission shall be made applicable presently **@ 18%** and shall be paid on the whole work carried out as accepted by the engineer, while making the payment.

42 Currencies

42.1 All payments will be made in Indian Rupees.

43 Security Deposit

43.1 The Employer shall retain security deposit of five percent and Performance Security of two and a half percent of the amount from each payment due to the Contractor until completion of the whole of the construction work. No security deposit/ retention shall be retained from the payments for Routine Maintenance of works. In case, the Contractor furnishes bank guarantee (including e-Bank Guarantee) for the amount equal to Performance Security of two and a half percent retained from each payment due to the Contractor, the same amount shall be repaid to the Contractor subject to condition that the validity of bank guarantee (including e-Bank Guarantee) is as per provision of Clause 46.2 of GCC.

- 43.2 On the satisfactory completion of the whole of the construction work, half the total amount retained as security deposit is repaid to the Contractor, one-fourth of the total amount retained as security deposit is repaid to the Contractor at the end of 2nd year after completion of the construction work and balance of the amount retained as security deposit is repaid to the Contractor at the end of 3rd year after completion of the construction work subject to condition that the Engineer has certified that all defects notified by the Engineer to the Contractor before the end of period prescribed for repayment have been corrected.
- 43.3 The additional Performance Security for unbalanced bids as detailed in Clause 46 of the Conditions of Contract is repaid to the Contractor when the construction work is complete.
- 43.4 The Performance Security equal to five percent of the Contract Price as detailed in Clause 46 of Conditions of Contract is repaid to the Contractor when the period of five years fixed for Routine Maintenance is over and the Engineer has certified that the Contractor has satisfactorily carried out the Routine Maintenance of the works. If the Routine Maintenance part of the contract is not carried out by the Contractor as per this Contract, the Employer will be free to get the Routine Maintenance work carried out from another source and the amount required for this work will be recovered from the amount of Performance Security available with the Employer and/ or from any amounts of the Contractor whatever is due along with additional 20 percent amount as penalty.
- 43.5 If the Contractor so desires, then the Security Deposit can be converted into any interest bearing security of scheduled commercial bank in the name of the Employer or National Saving Certificates duly pledged in favour of the Employer for Defects Liability Period.

44 Liquidated Damages

- 44.1 In the event of failure on part of the Contractor to achieve timely completion of the project, including any extension of time granted under Clause 27, he shall, without prejudice to any other right or remedy available under the law to the Employer on account of such breach, pay as agreed liquidated damages to the Employer and not by way of penalty in a sum calculated at the rate per week or part thereof as stated in the **Contract Data**. For the period that the Completion Date is later than the Intended Completion Date, liquidated damages at the same rate shall be withheld if the Contractor fails to achieve the milestones prescribed in the **Contract Data**. However, in case the Contractor achieved the next milestone, the amount of the liquidated damages already withheld shall be restored to the Contractor by adjustment in the payment certificate. Both the Parties expressly agree that the total amount of liquidated damages shall not exceed **10% (ten percent)** of Initial Contract Price and that the liquidated damages payable by the Contractor are mutually agreed genuine pre-estimated loss and without any proof of actual damage likely to be suffered and incurred by the Employer; and the Employer is entitled to receive the same and are not by way of penalty.

The Employer may, without prejudice to any other method of recovery, deduct the amount of such damages from any sum due, or to become due to the Contractor or from Performance Security or any other dues from Government or semi Government bodies within the state.

The payment or deduction of such damages shall not relieve the Contractor from his obligations to complete the Works, or from any other of his duties, obligations or responsibilities under the Contract.

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The Contractor shall use and continue to use his best endeavor's to avoid or reduce further delay to the Works, or any relevant Stages.

44.2 If the Intended Completion Date is extended after liquidated damages have been paid, the Engineer shall correct any such payment of liquidated damages by the Contractor by adjusting the next payment certificate.

44.3 It is agreed by the Contractor that the decision of the Employer as to the liquidated damages payable by the Contractor under this Clause shall be final and binding.

45 Advance Payment

45.1 On the request of the Contractor, the Employer will make the following advance payment to the Contractor against submission by the Contractor of an Unconditional Bank Guarantee (including e-Bank Guarantee) from a scheduled commercial bank acceptable to the Employer in amounts equal to 110% (one hundred ten percent) of the amount of the advance payment being requested:

- a.** Mobilization advance up to 5% (five percent) of the initial contract price excluding the contract price for routine maintenance.
- b.** Equipment Advance up to 90% (ninety percent) of the cost of the new equipment brought to the site subject to a maximum of 10% (ten percent) of the initial contract price excluding the contract price for routine maintenance.

The Bank Guarantee (including e-Bank Guarantee) shall remain effective until the advance payment has been repaid, but the amount of the guarantee shall be progressively reduced by the amounts repaid by the Contractor. Interest will not be charged on the advance payment. However, if the Contract is terminated due to default of the Contractor, the Mobilization Advance shall be deemed to be an interest bearing advance at the base rate of the State Bank of India, as applicable on the date of such advance payment. But after 1st July, 2023, only e-BG will be followed.

45.2 The Contractor is to use the advance payment only to pay for Equipment, plant and Mobilization expenses required specifically for execution of the Works. The Contractor shall demonstrate that the advance payment has been used in this way by supplying copies of invoices or other documents to the Engineer.

45.3 The advance payment shall be recovered by deducting proportionate amounts from payments otherwise due to the Contractor for the construction work, following the schedule of completed percentages of the Works on a payment basis. No account shall be taken of the advance payment or its repayment in assessing valuations of work done, Variations, price adjustments, Compensation Events, or liquidated damages.

46. Securities

46.1 The Performance Security equal to 5% (five percent) of the Contract Price and additional security for unbalanced bids shall be provided to the Employer. Out of total Performance Security equal to 5%(five percent) of Contract Price, half shall be delivered to the Employer no later than the dates specified in the Letter of Acceptance and shall be issued in the form given in Contract Data; however, balance half Performance Security shall be retained at the rate of two and a half percent of each payment due to the Contractor until completion of whole of the construction work.

46.2 The Performance Security shall be valid until a date 45 days from the date of issue of certificate of completion of construction work and maintenance work subject to the condition that if the Performance Security is in the form of a Bank Guarantee (including e-Bank Guarantee), the period of validity of Bank Guarantee (including e-Bank Guarantee) could be one year initially; however, the Contractor would get this Bank Guarantee (including e-Bank Guarantee) extended in such a way that an amount equal to five percent of the Contract Price is always available with Employer until 45 days after the lapse of the Defects Liability Period. If the contractor fails to maintain the above Performance Security, the Employer would recover the same from any dues payable to the Contractor.

47. Cost of Repairs

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

E. Finishing the Contract

48. Completion of Construction and Maintenance

48.1 The Contractor shall request the Engineer to issue a certificate of completion of the construction of the Work and the Engineer will do so upon deciding that the Work is completed.

48.2 The Contractor shall request the Engineer to issue the certificate of completion of the Routine Maintenance and the Engineer will do so upon deciding that the work of Routine Maintenance is completed.

49. Taking Over

49.1 The Employer shall take over the Works within seven days of the Engineer's issuing a certificate of Completion of Works. The Contractor shall continue to remain responsible for its Routine Maintenance during the maintenance period.

49.2 The Employer shall take over the maintained road within seven days of the Engineer issuing a certificate of completion of the work of Routine Maintenance.

50. Final Account

50.1 The Contractor shall submit to the Engineer 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 completion of construction of Works. The Engineer shall issue a Defects Liability Certificate and certify any payment that is due to the Contractor for Works within 42 days of receiving the Contractor's account if it is correct and complete. If the account submitted by the Contractor is not correct or complete, the Engineer shall issue a schedule to the Contractor, within 42 days, that states the scope of the corrections or additions that are necessary. If the revised account is still unsatisfactory, after it has been resubmitted by the Contractor, the Engineer shall decide on the amount payable to the Contractor and issue a payment certificate within 28 days of receiving the Contractor's revised account. The payment of final bill for construction of Works will be made within 14 days thereafter.

50.2 In case the account for construction is not received within 21 days of issue of Certificate of Completion as provided in clause 50.1 above, the Engineer shall proceed to finalise the account and issue a payment certificate within 28 days. The payment of final bill for construction of Works will be made within 14 days thereafter.

50.3 The Contractor shall submit to the Engineer a detailed account of the total amount that the Contractor considers payable for maintenance of works under the contract 21 days before the end of the Routine Maintenance Period. The Engineer shall issue a Routine Maintenance Completion Certificate and certify any final payment that is due to the Contractor within 21 days of receiving the Contractor's account if it is correct and complete. If it is not, the Engineer shall issue within 21 days a schedule that states the scope of the corrections or additions that are necessary. If the revised account is still unsatisfactory after it has been resubmitted by the Contractor, the Engineer shall decide on the amount payable to the Contractor and issue a payment certificate within 28 days of receiving the Contractor's revised account. The payment of final bill for routine maintenance will be made within 14 days thereafter.

50.4 In case the account for routine maintenance is not received within 21 days of issue of Certificate of Completion as provided in clause 50.3 above, the Engineer shall proceed to finalise the account and issue a payment certificate within 28 days. The payment of final bill for routine maintenance will be made within 14 days thereafter.

51. Operating and Maintenance Manuals

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

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

52 Termination

52.1 The Employer may terminate the Contract if the Contractor causes a fundamental breach of the Contract.

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

- (a) the Contractor stops work for 28 days when no stoppage of work is shown on the current Programme and the stoppage has not been authorized by the Engineer;
- (b) the Contractor is declared as bankrupt or goes into liquidation other than for approved reconstruction or amalgamation;
- (c) the Engineer gives Notice that failure to correct a particular Defect whether pertaining to construction work or pertaining to defects liability period is a fundamental breach of the Contract and the Contractor fails to correct it within a reasonable period of time determined by the Engineer;
- (d) the Contractor does not maintain a Security, which is required;
- (e) the Contractor has delayed the completion of the Works by the number of days for which the maximum amount of liquidated damages can be paid, as defined in clause 44.1;
- (f) the Contractor fails to provide insurance cover as required under clause 13;

- (g) if the Contractor, in the judgment of the Employer, has engaged in the corrupt, fraudulent or coercive practice in competing for or in executing the Contract. For the purpose of this clause, “corrupt practice” means the offering, giving, receiving, or soliciting of anything of value to influence the action of a public official in the procurement process or in Contract execution. “Fraudulent Practice” means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to the detriment of the Government interests. And, this includes collusive practice among Bidders (prior to or after bid submission) designed to establish bid process at artificial non-competitive levels and to deprive the Employer of the benefits of free and open competition. “Coercive practice” means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process.
- (h) if the Contractor has not completed at least three-eighth of the value of construction Work required to be completed after half of the completion period has elapsed;
- (i) if the Contractor fails to set up a field laboratory with the prescribed equipment, within the period specified in the Contract Data;
- (j) if the Contractor fails to deploy machinery and equipment or personnel as specified in the Contract Data at the appropriate time; and
- (k) if the Contractor fails to pay EPF/ ESI contribution as required under prevailing laws;
- (l) if the Contractor engages child labour in violation of prevailing laws;
- (m) if the Contractor fails to ensure that there is no gender bias in engagement of labour and other employees and in payment of wages and he discriminate against female workers.
- (n) any other fundamental breaches as specified in the Contract Data

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

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

53 Payment upon Termination

53.1 (i) If the Contract is terminated because of a fundamental breach of Contract by the Contractor, the Engineer shall issue a certificate for the value of the work done, less liquidated damages, less advance payments received up to the date of the issue of the certificate and less the percentage to apply to the value of the work not completed, as indicated in the Contract Data. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be recovered from the Security Deposit, and Performance Security. If any amount is still left un-recovered it will be a debt payable to the Employer from State PMGSY works, any other State Government works including State Public Sector works executed by the Contractor.

53.1(ii) If the Contract is terminated because of a fundamental breach of contract by the Contractor due to non compliance of the requirements of clause 32 of GCC regarding defects liability period and routine maintenance of roads for five years, the Engineer will assess the cost of having the defect corrected. If the total amount due to the Employer exceeds any payment due to the Contractor, the difference shall be recovered from the Security Deposit and

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Performance Security. If any amount is still left un-recovered, it will be recovered from any dues payable to the Contractor from State PMGSY works, any other State Government works including State Public Sector works executed by the Contractor. If any amount still remains unrecovered, it shall be recovered as arrears of land revenue.

53.2 If the Contract is terminated at the Employer's convenience, 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.

54 Property

54.1 All Materials on the Site, Plant, Equipment, Temporary Works, and Works shall be deemed to be the property of the Employer for use for completing balance construction work if the Contract is terminated because of the Contractor's default, till the Works is completed after which it will be transferred to the Contractor and credit, if any, given for its use.

55 Release from Performance

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

55.2 Death or permanent invalidity of the Contractor: the Contractor shall indicate his nominee for the Contract at the time of signing of Agreement. If a Contractor dies during the currency of the Contract or becomes permanently incapacitated, and his/her nominee are not willing to complete the Contract, the Contract shall be closed without levying any damages/compensation as provided for in clauses 44 and 53 of GCC.

However, if the nominee expresses his/her intention to complete the balance work and the competent authority is satisfied about the competence of the nominee, 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 initially awarded.

F. Other Conditions of Contract

56 Labour

56.1 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 safety, payment, housing, feeding and transport.

56.2 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.

57 Compliance with Labour Regulations

57.1 During continuance of the Contract, the Contractor and his sub Contractors shall abide at all times by all existing labour enactments and rules made thereunder, 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 Appendix to Part I General Conditions of Contract. The Contractor shall keep the Employer indemnified in case any action is taken against the Employer by the competent authority on account of contravention of any of the provisions of any Act or rules made there under, regulations or notifications including amendments. If the Employer is caused to pay or reimburse, such amounts as may be necessary to cause or observe, or for non-observance of the provisions stipulated in the notifications/bye laws/Acts/Rules/regulations including amendments, if any, on the part of the Contractor, the Engineer/Employer shall have the right to deduct any money due to the Contractor including his amount of Performance Security. The Employer/Engineer shall also have the 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.

57.2 Full compliance of statutory requirements apart, the Contractor shall pay rates of wages and observe conditions of labour not less favourable than those established for the trade or the industry where the work is carried out. The Contractor shall make himself aware of all labour regulations and their impact on the cost and build up the same in the Contract Price. During the Contract Period, unless and otherwise provided in the Contract, no extra amount in this regard shall be payable to the Contractor, for whatsoever reason.

57.3 In the event of default being made in the payment of any money in respect of wages of any person employed by the Contractor or any of its sub-contractors of any tier in and for carrying out of this Contract and if a claim therefore is filed in the office of the Labour Authorities and proof thereof is furnished to the satisfaction of the Labour Authorities, the Employer may, failing payment of the said money by the Contractor, make payment of such claim on behalf of the Contractor to the said Labour Authorities and any sums so paid shall be recoverable by the Employer from the Contractor.

57.4 It shall be the responsibility of the Contractor to pay EPF/ESI contributions as required under prevailing laws. The Contractor shall bear all such cost and it would be deemed to be included in the Contract Price.

57.5 The employment of child labour is prohibited in the Contract. The Contractor shall comply with the Child Labour (Prohibition and Regulation) Act, 1986.

57.6 The Contractor shall ensure that there is no gender bias in engagement of labour and other personnel and shall not make any discrimination against female employees. The Contractor shall comply with the Equal Remuneration Act, 1979 and Maternity Benefit Act, 1961.

57.7 The Contractor shall have a Labour Welfare Organisation which shall be responsible for labour welfare and compliance with prevalent labour laws, statutes and guidelines. In this context, the Contractor is also required to familiarize himself with Labour Welfare Rules of the state concerned and comply with the provisions of the Building and other Construction Workers (Regulation and Employment & Conditions of Service), Act 1996 and the Cess Act, 1996.

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57.8 The Contractor shall provide and maintain at his own expense, all necessary accommodation and welfare facilities as per prevailing labour and welfare laws for his (and his Sub-contractor's) staff and labour.

57.9 The Contractor shall prepare and submit compliance reports of adherence to labour laws as and when directed by the Engineer.

58 Drawings and Photographs of the Works

58.1 The Contractor shall do photography/video photography of the site firstly before the start of the work, secondly mid-way in the execution of different stages of work and lastly after the completion of the work. No separate payment will be made to the Contractor for this.

58.2 The Contractor shall not disclose details of Drawings furnished to him and works on which he is engaged without the prior approval of the Employer in writing. No photograph of the works or any part thereof or plant employed thereon, except those permitted under clause 58.1, shall be taken or permitted by the Contractor to be taken by any of his employees or any employees of his sub-Contractors without the prior approval of the Employer in writing. No photographs/ Video photography shall be published or otherwise circulated without the approval of the Employer in writing.

59. The Apprentices Act, 1961

59.1 The Contractor shall duly comply with the provisions of the Apprentices Act, 1961 (III of 1961), the rules made there under and the orders that may be issued from time to time under the said Act and the said Rules and on his failure or neglect to do so, he shall be subject to all liabilities and penalties provided by the said Act and said Rules.

Contract Data to General Conditions of Contract

Except where otherwise indicated, the Employer prior to issuance of the bidding documents should fill in all Contract Data. Schedules and reports to be provided by the Employer should be annexed.

Clause Reference

Items marked “N/A” do not apply in this Contract.

1. The Employer is Chief Engineer [Cl.1.1]

Designation: Chief Engineer (SZ),

Address: Shimla Zone HPPWD. Shimla

Name of authorized Representative

Superintending Engineer,

11th Circle HPPWD. Rampur

Telephone No. (s): Office:01782-233044

Mobile No.:94180-47922

Facsimile(FAX)No.:

Electronic Mail Identification (E-mail ID):hp-shi1@nic.in

2. The Engineer is Executive Engineer

Designation: Executive Engineer

Address: HP.PWD., Kaza Division, HP.PWD. Kaza

[Cl.1.1]

Telephone No.(s):Office: 01906-222252

Mobile No.:

Facsimile (FAX) No.: 01906-222252

Electronic Mail Identification (E-mail ID) :hp-lsp1@nic.in

3. The Intended Completion Date for the whole of the Works [Cl.1.1,17&27]
is 18 months for construction part+60 months for routine
maintenance part.

4. Routine Maintenance during five years after the Completion Date is defined as follows:

Maintenance operations during the period of 5 years shall be based on Chapter 11 of Rural Roads Manual (IRC: SP: 20:2002). Its specific provisions are:-

(i) **Clause 11.2, *ibid***, explains the various types of distress/defects of pavements. For example, cracks, raveling, rutting, pot holes etc.

(ii) **Clause 11.3, *ibid***, defines different maintenance activities. For example, fog seal, bituminous surface treatment, etc.

(iii) **Clause 11.4, *ibid***, suggests planning of routine maintenance.

(iv) **Clause 11.5 and Clause 11.6 (a), *ibid***, define preventive and corrective maintenance, and classify activities of routine maintenance and repairs.

(v) **Clause 11.7, *ibid***, discusses in detail the assessment of defects and maintenance measures for sealed roads, roads with rigid / RCCP and roads with special pavement.

(Note: A periodical renewal is not part of routine maintenance).

(vi) The periodicity of routine maintenance activities shall be as follows, this is for guidance only, however, road is to be maintained in serviceable condition all the time and payment is performance based, as per performance evaluation and marks obtained.

Routine Maintenance Activities and their frequency with performance index (PI) – BT/Gravel Road

S.No.	Name of Item/ Activities	Frequency of operation in a year	PI	
			Plain & Rolling Terrain	Hilly Terrain
1.	Maintenance of Bituminous surface road and / or gravel road and/or WBM road including filling potholes and patch repairs etc. As per clause 1904, 1906 of the MoRD Specifications (As per Annexure- 14.10 of Operation manual)	As and when required	50	40
2.	Restoration o rain cuts and dressing of side slopes/berms as per clause 1902 of the Specification (As per Annexure- 14.10 of Operation manual)	Once generally after rains (In case of areas having rainfall more than 1500 mm per year, as and when required).	10	5
3.	Making up of berms/shoulders as per	As and when required	20	20

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	clause 1903 of the (As per Annexure- 14.10 of Operation manual)			
4.	Maintenance of drains as per clause 1907 of the Specifications. (As per Annexure- 14.10 of Operation manual)	Twice (In case of hill roads as and when required)	3	8
5.	Maintenance of culverts and cause ways as per clause 1908 and 1909 of the MoRD (As per Annexure 14.10 of Operation manual)	Twice (In case of hill roads as and when required)	4	10
6.	Maintenance of guard rails and parapet rails as per clause 1911 of the MoRD Specification (As per Annexure- 14.10 of Operation manual)	Maintenance as and when required. Repairing once in a year	1	1
7.	Maintenance of road signs, speed breakers, standing tree adjacent to road wherever required as per clause 1910 of the MoRD Specification (As per Annexure- 14.10 of Operation manual).	Maintenance as and when required. Repairing once in every two years	2	4
8.	Maintenance of 200 m and Kilo Meter stones as per clause 1912 of the MoRD Specification (As per Annexure- 14.10 of Operation manual).	Maintenance as and when required. Repairing once in a year	2	2
9.	Cutting of branches of trees, shrubs and trimming of grass and weeds etc. As per clause 1914 of the MoRD Specification (As per Annexure- 14.10 of	Once generally after rains (In case of areas having rainfall more than 1500 mm per year, as and	3	5
	Operation manual)	when required.		

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10.	White washing parapets of Works including CD As per Annexure-14.10 of Operation manual)	Once in a year	2	3
11.	Painting of guard stones	Twice in a year	2	1
12.	Re-fixing displaced guard stones	Once in a year	1	1
		Total Marks	100	100
Routine Maintenance Activities and their frequency with performance index – CC Road				
S.No	Name of Item/Activity	Frequency of operations in the year	Plain & Rolling Terrain	Hilly Terrain
1	Maintenance of Concrete surface including crack sealing spot patching with PCC or bituminous concrete as per provisions of IRC SP83.	As and when required	50	40
2.	Restoration of rain cuts and dressing of side slopes/berms as per clause 1902 of the Specifications. (As per Annexure-14.10 of Operation manual)	Once generally after rains or as and when required.	10	5
3.	Making up of berms/shoulders as per clause 1903 of the (As per Annexure-14.10 of Operation manual)	As and when required	20	20
4.	Maintenance of drains as per clause 1907 of the Specifications. (As per Annexure-14.10 of Operation manual)	Twice (In case of Hill roads as and when required	3	8
5.	Maintenance of culverts and cause ways as per clause 1908 and 1909 of the Specifications. (As per Annexure-14.10 of Operation manual)	Twice (In case of Hill roads as and when required	4	10

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6.	Maintenance of guard rails and parapet rails as per clause 1911 of the MoRD Specifications (As per Annexure-14.10 of Operation manual)	Maintenance as and when required. Repairing once in a year	1	1
7.	Maintenance of road signs, speed breakers, standing trees adjacent to road wherever required as per clause 1910 of the MORD Specifications (As per Annexure-14.10 of Operation manual).	Maintenance as and when required. Repairing once in every two years	2	4
8.	Maintenance of 200 m and kilo meter stones as per clause 1912 of the MORD Specifications (As per Annexure- 14.10 of Operation manual).	Maintenance as and when required. Repairing once in a year	2	2
9.	Cutting of branches of trees, shrubs and trimming of grass and weeds etc. as per clause 1914 of the MORD Specifications (As per Annexure-14.10 of Operation manual).	Once generally after rains (In case of areas having rainfall more than 1500 mm per year, as and when required.	3	5
10.	White washing parapet of Works including CD (As per Annexure-14.10 of Operation manual)	Once in a year	2	3
11.	Painting of guard stones	Twice in a year	2	1
12.	Re-fixing displaced guard stones	Once in a year	1	1
		Total:	100	100

(vii) **Appendix 11.3, *ibid***, covers the special problems of Road Maintenance in Heavy Rainfall / Snow fall areas.

(viii) **Appendix 11.4, *ibid***, explains the nature of duties in maintenance of shoulders, drainage structures and cause ways.

The Site is located at Chidang Tangti Khar Teling road Km 0/000 to 17/070

[Cl.1.1]

1. The Start Date shall be 15 days after the date of issue of the Notice to Proceed with the work.[Cl.1.1]

2. (a) The name and identification number of the Contract is: HP-07-12[Cl.1.1]

(b) Formation Cutting, C/o Passing Places, Breast Wall, Retaining Wall, Gabion Wall, Missing CD, Road Side Drain, Parapets, Crash Barrier, Road Sign Board, Dumping site and Tarring work etc.[Cl.1.1]

The works shall, inter-alia, include the following, as specified or as directed.

Clause Reference

(A) Road Works

Site clearance; setting-out and layout; construction and or widening of existing carriageway and strengthening including camber corrections; construction of new road bituminous pavements remodeling/construction of junctions, intersections, supplying and placing of drainage channels, flumes, guard posts and other related items; construction/extension of cross drainage works, bridge, approaches and other related items; road markings, road signs and kilometer/hectometer stones; protective works for roads/bridges; all aspects of quality assurance of various components of the works; rectification of the Defects in the completed works during the Defects Liability Period; submission of “As-built” drawings and any other related documents; and other item of work as may be required to be carried out for completing the works in accordance with the Drawings and provisions of the Contract and to ensure safety and planting of trees along the roads.

(B) CD Works including bridges

Site clearance; setting out, provision of foundations, piers, abutments and bearings; pre-stressed/reinforced cement concrete superstructure; wearing coat, hand railings, expansion joints, approach slabs, drainage spouts/down-take pipes, provision of suitably designed protective works; providing wing/return walls; provision of road markings, road signs etc.; all aspects of quality assurance; clearing the Site and handing over the works on completion; rectification of the Defects during the Defects Liability Period and submission of “As-built” drawings and other related documents; and other items of work as may be required to be carried out for completing the works in accordance with the Drawings and the provisions of the Contract and to ensure safety.

(C) Maintenance and Other Items

As required to fulfill all the contractual obligations as per the Bid documents.

8. Section completion is 18 months for Construction Part + 60 Months for Routine Maintenance Part. [Cl 2.2]
9. The following documents also form part of the Contract: [Cl.2.3(11)]
to be described at the stage of agreement.
10. (a) The law which applies to the Contract is the law of Union of India. [Cl.3.1]
(b) The language of the Contract documents is English. [Cl.3.1]
11. The Schedule of Other Contractors is attached. [Cl.8.1]

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12 A. The Technical Personnel for construction work are:

[Cl.9.2]

Technical Personnel	Number	Experience in Road Works
i). Degree Holder in Civil Engineering	1 No.	One Year
ii). Diploma Holder in Civil Engineering	1 No.	One Year

For field testing laboratory;

Technical Personnel	Number	Experience in road Works
Technician (Diploma in CE /BSC (Non-Medical))	2 No.	One year

B. For routine maintenance

Technical Personnel	Number	Experience in Road Works
A. Degree Holder in Civil Engineering	1 No.	One Year
B. Diploma Holder in Civil Engineering	1 No.	One Year

13(a) Amount and deductible for insurance are: [Cl. 13.1]

S.No.	Item	Minimum cover for Insurance	Maximum Deduction for Insurance
1.	Works, Plants & Material	Equal to contract amount	0.4% of contract amount
2.	Loss or Damage to Equipment	Equal to contract amount	0.4% of contract amount

13(b) Amount and deductible for insurance are: [Cl. 13.3 (a)]

S.No.	Item	Minimum cover for Insurance	Maximum Deduction for Insurance
3.	Other Properties	5 % of contract amount	0.4% of contract amount
4.	Personal Injuries or death insurance (a) for other people	Rs. 15.00 Lakh	Deductibles shall be as per latest tariff of General Insurance Company of India plus 20% of the premium amount
	(b) For contractors Employees	In accordance with statutory requirement	

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14. Site investigation report [Cl.14.1]

15. The key equipments/ machinery for construction of works shall be: [Cl. 16.2]

Sr No	Name of Equipment or Machinery	Quantity
1	Hot Mix Plant of Capacity 40-60TPH	1 No.
2	Static Roller of 8/10 Tonne weight	2 Nos.
3	Concrete Mixer	4 Nos.
4	Tipper or truck	4 Nos.
5	Vibrator needle type	2 Nos.
6	Tar boiler/Bitumen spray	2 Nos.
7	Air compressor	2 Nos.
8	Vibrating Road Roller	1 Nos.
9	Excavator –cum-Loder-JCB	2 Nos.
10	Rotavator	1 Nos.
11	Tractor	2 Nos.
12	Water Tanker 5000 ltr Cap.	2 Nos.
13	Grader	1 No.

16 (a) Competent authorities are: [Cl. 24.1]
Chief Engineer (SZ) HP PWD Shimla

17(a) The period for submission of the programme for approval of Engineer [Cl.26.1] shall be 15 days from the issue of Letter of Acceptance.

(b) The updated programme shall be submitted at interval of 21 days. [Cl. 26.3]

• (c) The amount to be withheld for late submission of an updated [Cl. 26.3]
programme shall be Rs. 1.00 Lakh (Rupees One Lakh)

18. The key equipments for field laboratory shall be:

S. No.	Name of the Equipment*	Quantity
1	Post Hole Auger with Extensions	One set (for each package)
2	Digging tools like pickaxe, shovel, etc.	One Set (for each package)
3	IS Sieves Nos. with lid and pan: (90mm, 80mm, 63mm, 53mm, 45mm, 27.5mm, 26.5mm, 19mm, 13.2mm, 11.2mm, 9.5mm, 37.5mm, 2.8mm, 5.6mm, 3.35mm, 2.36mm, 600 micron, 425 micron, 300 micron, 150 micron, 180 micron, 90 micron and 75 micron	One Set (for each package)
4	Standard Proctor Density Test Appartus with rammer	One Set (for each package)
5	Sand Pouring Cylinder with tray complete for	One Set (for each

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	field density test	package)
6	Core Cutter (10cm dia), 10cm/15cm height complete with dolly and hammer	One Set (for each package)
7	Speedy moisture meter complete with chemicals	One Set (for each package)
8	Straight Edges	Two Set (for each package)
9	Digital Thermometers	Three Numbers (for each package)
10	Liquid Limit and plastic limit testing apparatus complete with water bottle and glass wares	One Set (for each package)
11	Gas burner, sand bath	One Set (for each package)
12	Camber Board	Two Set (for each package)
13	Electronic/digital balance 1 kg with the least count of 0.01 gm	One Set (for each package)
14	Electronic/digital balance 5 Kg.	One Set (for each package)
15	Pan balance with weight Box, 5 Kg.	One Set (for each package)
16	Oven (ambient to 2000C)	One Set (for each package)
17	Water bath (ambient to 1000C)	One Set (for each package)
18	Water bath (ambient to 1000C)	One Set (for each package)
19	Enamelled tray	One Set (for each package)
20	Slump cone Testing Equipment	One Set (for each package)

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19. The authorized person to make payments is **Superintending Engineer** [Cl.39.2]

20. (a) Milestones to be achieved during the contract period

- (1) 1/8th of the value of entire contract work up to 1/4th of the period allowed for completion of construction
- (2) 3/8th of the value of entire contract work up to 1/2 of the period allowed for completion of construction
- (3) 3/4th of the value of entire contract work up to 3/4th of the period allowed for completion of construction

Amount of liquidated damages for delay in completion of works

For Whole of work
1 percent of the Initial Contract Price, rounded off to the nearest thousand, per week.

Maximum limit of liquidated damages for delay in completion of work.

10 per cent of the Initial Contract Price rounded off to the nearest thousand.

[Cl.44.1]

21. The standard form of Performance Security acceptable to the Employer shall be Insurance Surety Bonds, Account Payee Demand Draft, Fixed Deposit Receipt of Bank Guarantee (including e-Bank guarantee) from a Commercial Bank. However, after 1st July, 2023, if the Performance Security is offered in the form of a bank guarantee, then it shall be accepted in form of only e-Bank Guarantee from a commercial bank. However, this may be relaxed in exceptional cases with the prior approval of “Empowered Officer of respective SRRDA” only. [Cl. 46.1]

22. (a) The Schedule of Operating and Maintenance Manuals is not required l.51.1]

(b) The date by which “as-built” drawings (in scale as directed) in 2 sets are [Cl.51.1] required is within 28 days of issue of certificate of completion of whole or section of the work, as the case may be.

23. The amount to be withheld for failing to supply “as-built” drawings [Cl.51.2] by the date required is **Rs. 2.00Lakhs.**

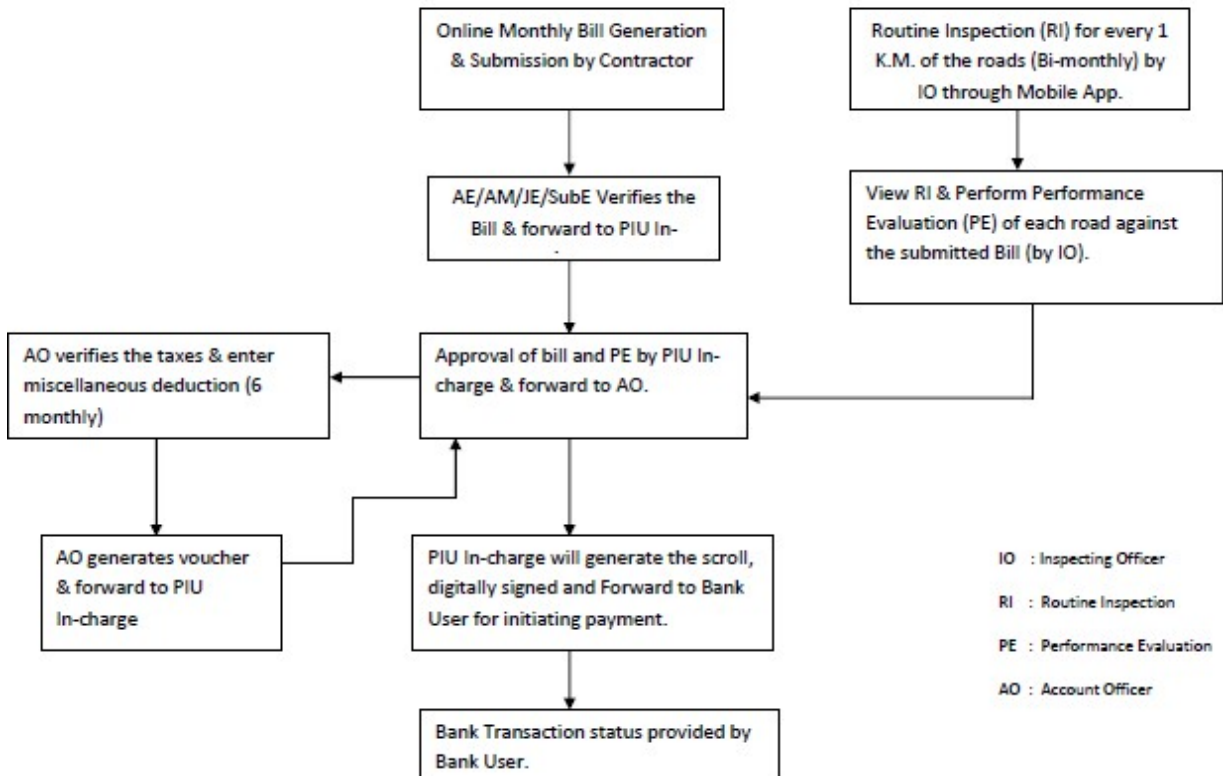
24. (a) The period for setting up a field laboratory with the prescribed equipment 15 days from the date of notice to start work [Cl.52.2 (i)]

(b) The following events shall also be fundamental breach of Contract: [Cl.52.2 (k)]
“The Contractor has contravened Clause 7.1 and Clause 9 of Part I General Conditions of Contract

25. The percentage to apply to the value of the work not completed representing the Employer’s additional cost for completing the Works
Shall be 20 percent. [Cl.53.1(i)]

eMARG

Flow Diagram for Inspection & Payment



Appendix to Part I General Conditions of Contract

SALIENT FEATURES OF SOME MAJOR LABOUR LAWS APPLICABLE TO ESTABLISHMENTS ENGAGED IN BUILDING AND OTHER CONSTRUCTION WORK.

- (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 maybe.
 - (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 1961:** - 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 are scheduled employment.
- (g) **Payment of Wages Act 1936:** - It lays down as to by what date the wages are to be paid, when it will be paid and what deductions can be made from the wages of the workers.

(h) **Equal Remuneration Act 1979:** - The Act provides for payment of equal wages for work of equal nature to male and female workers and for not making discrimination against female employees in the matters of transfers, training and promotions etc.

(i) **Payment of Bonus Act 1965:** - The Act is applicable to all establishments employing prescribed minimum (say, 20) or more workmen. The Act provides for payments of annual bonus within the prescribed range of percentage of wages to employees drawing up to the prescribed amount of wages, calculated in the prescribed manner. The Act does not apply to certain establishments. The newly set-up establishments are exempted for five years in certain circumstances. States may have different number of employment size.

(j) **Industrial Disputes Act 1947:** - The Act lays down the machinery and procedure for resolution of industrial disputes, in what situations a strike or lock-out becomes illegal and what are the requirements for laying off or retrenching the employees or closing down the establishment.

(k) **Industrial Employment (Standing Orders) Act 1946:** - It is applicable to all establishments employing prescribed minimum (say, 100, or 50). The Act provides for laying down rules governing the conditions of employment by the Employer on matters provided in the Act and get 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

employs the prescribed minimum (say, 10) or more workers are covered under this Act. All such establishments are required to pay cess at the rate not exceeding 2% of the cost of construction as may be notified 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 4

Conditions of Contract

Part – II Special Conditions of Contract

These conditions vary and add to the Conditions of Contract set out in Part I General Conditions of Contract. The special conditions of contract shall be read in conjunction with part 1, GCC, Contract data and other documents listed in the contract document.

Special Conditions :-

1. Job Mix formula for CTB/CTSB or any other specialized items as applicable should be prepared by the contractor either in his NABL accredited lab or any other institution viz IIT/NIT/CRRRI and shall be got approved from the PIU and test reports shall be furnished to the PIU for approval.
2. For item of Bio-enzyme, if applicable, the contractor shall procure IRC accredited products only & shall executed tri-partite agreement between contractor, department and accredited supplier, so as to ensure applicable product warranty/guarantee.
3. Contractor shall procure Bitumen/ Modified Bitumen from CPSU/PSUs only and shall produce original C.R.C issued by the company at the time of payment for bituminous works.
4. The Field and laboratory test shall be conducted according to quality control manual duly considering circular/notifications issued periodically by NRRDA/MORD/MORTH.
5. As per clause 32 of GCC the contractor is liable to correct the defect during defect liability period and payment for the same shall be made as per clause 39.4 of GCC after confirming weightage of routine maintenance.
6. The 1st Tier Inspection linked with the Stage Passing System shall be applicable to all works under PMGSY-IV projects. The release of payment for works shall be governed by the successful generation of the Stage Passing Certificate in OMMAS by the concerned PIU-cum-Executive Engineer. No payment shall be admissible without such Stage Passing Certificate. May refer clause 39 of GCC.

[Clause: 2.3.6 of GCC] [Clause: 8.1.4 of ITB]

Other Condition: -

1. The latest relevant orders/guidelines issued by HP Mining Department as amended time to time will be enforced for Royalty deductions.
2. Any circular or instruction issued by National Green Tribunal will be applicable to the Contractor.
3. After issue of Notice to Proceed with the Work, the Contractor will submit the name of the labourers to be employed at the concerned work site registered in labour Department.
4. Any change of technical personnel of the Contractor is subjected to the Employer consent during the construction period.
5. All notices and letters sent to e-mail given by the Bidder and SMS on registered cell phone of the Bidder will be presumed that has been received by the Bidder.
6. In case of any discrepancy between the downloaded bid document and that available with the concerned Employer office, the bid document available in the Employer office would be considered authentic.
7. Each Bidder is required to quote his rate on-line in the attached BOQ.
8. If any bidder qualifies for more than one group he has to demonstrate in writing about the main machineries, equipment and technical personnel for each group separately.
9. The Project Management Consultant (PMC) appointed by the employer shall also act as representative of the Engineer-In-Charge. The Engineer-In-Charge will ensure that the PMU will act only as per their directions and in accordance to the contract between them.
10. The GPS based Vehicle Tracking System has to be installed by the firm appointed by the HP Gram sadak Development Agency (~~Presently M/s IMZ corporate~~) on the Vehicles /machinery involved in construction of roads including recyclers, pavers, PTR, compactors/Rollers etc.

Section 5

Specifications

Note: The following are the guidelines for framing the specifications and, therefore, will not be part of the contract. These should be excluded from the bidding document.

A. The MoRD Specifications for Rural Roads published by the IRC (1st Revision) shall apply.

B. For items not covered in the MORD Specifications **or when specifically** mentioned, the Ministry of Road Transport & Highways (MoRTH) Specifications for Road and Bridge Works (5th Revision) shall be followed.

C. Particular specifications:-

For items whose specifications given in MoRD Specifications or in MORTH specifications for road and bridge works need changes partly or wholly due to local conditions, the respective clauses are to be suitably modified to the extent felt necessary giving clause wise description of modifications under this head.

(i) MoRD Specifications (1stRevision)

Clauses.....

(ii) MoRTH Specifications for Road & Bridge Works (5th Revision)

Clauses.....

D. For purposes of quality control, the MoRD Specifications for Rural Roads (1st Revision) and those covered by the Quality Assurance Handbook of the NRRDA **and latest MORTH specifications wherever applicable shall apply.**

Section 5 (Cont'd)

Drawings

Note: The design, drawings, standards and guidelines of the Rural Roads Manual (IRC: SP: 20-2002) and other relevant IRC Standards, Codes etc. are to be followed for all-weather rural roads.

The guidelines will not be part of the Contract. These should be excluded from the bidding document.

List of Drawings:-

1. Key Map
2. Road Alignment including cross sections
3. Pavement Drawings
4. Surface and sub surface drains with full details
5. Culverts and Bridges drawings
6. Drawings for any other Road structure.
7. Drawings for road signs, pavement markings and other traffic control devices
8. Drawings to be followed for actual execution of work should bear the stamp “Good for construction”.
9. Any revision of working drawings should be indicated by pre-fixing R1, R2..... etc. after original reference number. Reasons for each revision should be clearly noted in the drawing.
10. Complete set of drawings should be issued along with other tender documents so as to form part of the Agreement.

Section 6

FORM OF BID FOR PART I OF THE BID

Technical Qualification Part I of Bid

The Bidder shall fill in and load this form for Part I of Bid separately from the form for Part II of the Bid.

To [Name of Employer].....

Address [insert address].....

Identification Number of Works Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I. Package No. HP-07-12.

Description of Works..Formation Cutting, C/o Passing Places, Breast Wall, Retaining Wall, Gabion Wall, Missing CD, Road Side Drain, Parapets, Crash Barrier, Road Sign Board, Bio Engineering Works, Cell Filled Cement concrete Pavement and Tarring work etc

Dear.....

1. Having read the Bidding Documents, Requirements for submission of documents in ITB Clause 12, and acceptance of provisions for Fraud and Corruption in the Bidding Document, I/we submit in attachment all documents required in the Bidding Document together with all the Affidavits regarding the correctness of information/documents for the above stated bid.
2. I/we confirm that the Bid fully complies with all the requirements including the Bid Validity and Bid Security as required and specified by the bidding documents.
3. I/we certify that the information furnished in our bid is correct to the best of our knowledge and belief.
4. I/we undertake to carry out the works of Routine Maintenance for five years after the completion date as per the rates offered by the Employer in the bid documents.

Authorised Signatory.....

Name and Title of Signatory.....

Name of Bidder.....

Authorised Address of Communication.....

.....

Telephone Nos (Office).....

Mobile No.....

Facsimile (Fax) No.....

Electronic Mail Identification (Email ID)

Form of Bid for Part II of the Bid

Technical-Financial Part II of Bid

The Bidder shall fill in and load this form for Part II of Bid separately from the form for Part I of the Bid

To [Name of Employer].....

Address[insert address].....

Identification Number of Works Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I. Package No. HP-07-12.

1. With full understanding that Part II of our bid will be opened only if I/ we qualify on the basis of evaluation in Part I of the Bid, we offer to execute the works described above, remedy any defects therein, and carry out the routine maintenance in conformity with the Conditions of Contract, Specifications, Drawings and Bills of Quantities accompanying in Part II of the Bid.
2. This Bid and your written acceptance of it shall constitute a binding contract between us. I/ we understand that you are not bound to accept the lowest or any bid you receive.
3. I/ we undertake to commence the works on receiving the Notice to Proceed with the Work in accordance with the Contract Conditions.
4. As mentioned in Part-I of my/our bid, I/we undertake to carry out the works of Routine Maintenance for five years after the Completion Date as per the rates offered by the Employer in the bid document.

Signature of Authorised Signatory

Name and Title of Signatory.....

Name of Bidder.....

Authorised Address of Communication.....

.....

Telephone Nos (Office)..... Mobile No..... Facsimile
(Fax) No..... Electronic Mail Identification (Email ID)

FORMAT FOR THE AFFIDAVIT

(NOTE: This affidavit should be on a non-judicial stamp paper of Rs.10/- and shall be attested by Magistrate/ Sub-Judge/ Notary Public)

I, (name of the authorised representative of the bidder) son/daughter of resident of (full address),
aforesaid solemnly affirm and state as under:

1. I hereby certify that all the information furnished with the bid submitted online in response to notice inviting bid number date issued by (authority inviting bids) for (name and identification of work) are true and correct.
2. *I hereby certify that I have been authorized by (the bidder) to sign on their behalf, the bid mentioned in paragraph 1 above.

Deponent

Place:

Date:

* not applicable if the bidder is an individual and is signing the bid on his own behalf.

Section 7

Bill of Quantities

Preamble

1. The Bill of Quantities shall be read in conjunction with the Instructions to Bidders, Conditions of Contract, Specifications and Drawings.

2. For the construction of works, the quantities given in the Bill of Quantities are estimated, and are given to provide a common basis for bidding. The basis of payment will be the actual quantities of work ordered and carried out, as measured by the Contractor and verified by the Engineer and valued

- (a) at the rates and prices tendered in the Bill of Quantities in the case of item rate tenders; and
- (b) at percentage rate above or below or at par of the Schedule of Rates as tendered by the Contractor.

For the routine maintenance of roads, there is lump sum amount for each year of maintenance per km. The payments will be based on satisfactory performance of routine maintenance activities.

3. The rates and prices tendered in the priced Bill of Quantities shall, except in so far as it is otherwise provided under the Contract, include all constructional plant, labour, supervision, materials, erection, maintenance, insurance, profit, taxes (other than GST , as applicable) and duties, together with all general risks, liabilities and obligations set out in the Contract.

4. When percentage rate tenders are invited, the Bill of Quantities will show in the bidding documents, the quantities and rates used for different items.

Bill of Quantities For Construction Works (Percentage Rate)

Estimated Cost : 35,65,67,625/-

Bid Security : 71,31,000/-

Time : Eighteen Months

DRAFT SCHEDULE OF QUANTITY

Name of Work: - Construction of Chidang Tangti Khar Teling road Km 0/000 to 17/070 in District Lahul and Spiti (HP) Under PMGSY-IV Batch-I Package No. HP-07-12 Sub Head :- Formation Cutting, C/o Passing Places, Breast Wall, Retaining Wall, Gabion Wall, Missing CD, Road Side Drain, Parapets, Crash Barrier, Road Sign Board, Dumping site and Tarring work etc.

Sl. No.	Description of work	Qty.	Unit	Rate (excluding GST)		AMOUNT Excluding GST
				Figures	Words	
1	Excavation in soil in hilly area in all heights and depths in all kinds of soil including saturated soil comprising of mixed soil, ordinary rock and hard rock. All work of rock cutting by blasting shall be carried out by taking all necessary precautions against soil erosion, damages to hill side, water pollution etc. and to protect stability of hill side .Rock shall be excavated with chiseling and wedging out of rock (where blasting is prohibited) .All earth work in cutting/excavation including rock excavation shall be carried out true to lines ,grades, sides slopes, width, camber, super-elevation and level as shown on the drawing and as directed by the Engineer-in-Charge in conformity with the requirement of MoRD technical specification for Rural Road, Section. 300 & 1600 to achive designed formation width including hauling and stacking of materials useful for constrcution at suitable sites safe manner and disposal of all surplus material to the approved dumping sites through all modes of transportation including head load and animal transport and mechanical means along with its leveling, fine dressing and carriage of machineries, tools, equipments and safety measures and other incidentals necessary to complete the work by mechanical means and labour if required. <i>During the mobilization period, contractor should take the advanced x-sec in 15 m interval of whole road length in the presence of Engineer-in-charge or his representative. In case the advanced x-sec has been taken in the presence of Engineer-in-Charge representative, in that case the same has to be got approved from Engineer-in-Charge.</i> The land for dumping sites shall be arranged by the contractors himself and nothing extra shall be paid on this account, filling of unevenness blind age and finishing of the road to specified	137326.71	Cum	495.54	Rupees Four Hundred Ninety Five and Paise Fifty Four Only	68050878

	<p>dimensions or as directed by the Engineer-in-charge for smooth riding. The recovery for stones, whether useful or 32114.57 (Thirty Two thousand One hundred Fourteen point five seven) cubic metre at the rate of Rs 300/-only (Rupees three hundred only) per cubic meter shall be effected on prorata basis in all circumstances. Any loss to the public and private property during the course of excavation shall be the absolute responsibility of the contractor, which shall have to be duly compensated by him in all cases.</p>					
2	<p>Construction of embankment with approved materials deposited at site from roadway cutting and excavation from drain and foundation of other structures graded and compacted to meet requirement of Tables 300.1 and 300.2 as per MORD Technical Specification Section 300. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.</p>	5562.37	Cum	117.60	Rupees One Hundred Seventeen and Paise Sixty Only	654135
3	<p>Earth work in excavation for all type of road structure such as retaining walls, breast walls, culverts, drain and Parapets etcetra in all type of classification of soil comprising of ordinary soil, ordinary rock, hard rock chiseling /wedging out rocks (Where blasting is prohibited) as per drawings and M.O.R.D. technical specification section 300 and 1600 and as per direction of the Engineer- In – Charge including setting out, construction of shoring and bracing, removal of stumps and other deleterious materials and disposal of materials upto any lead and lift including dressing of sides, bottom and back filling in trenches with excavated suitable approved material to the original surface in layer not exceeding 150 mm (one hundred fifty millimetre) compacted thickness including shoring and strutting and pumping and bailing out water (surface and sub soil water) upto any depth any quantum of water including cleaning of slush which may arise out during dewatering complete as per direction of Engineer-in-Charge. Including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.</p>	7729.94	Cum	551.50	Rupees Five Hundred Fifty One and Paise Fifty Only	4263062

4	Providing and laying concrete Mechanically mixed and vibrated 1:4:8 (One Cement isto four sand isto eight graded crushed stone aggregate 40 mm (forty milimetre) nominal size for plain /reinforced concrete in open foundations and plinths or similar works complete as per drawing and MoRD technical specification rural roads section 800, 900, 1200 and 1600 including carriage of materials upto all leads lifts and as per the direction of Engineer-in-Charge.The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	2064.11	Cum	10068.20	Rupees Ten Thousand Sixty Eight and Paise Twenty Only	20781872
5	Providing and laying concrete Mechanically mixed and vibrated 1:4:8 (One Cement isto four sand isto eight graded crushed stone aggregate 25 mm (Twenty Five milimetre) nominal size for plain /reinforced concrete in open foundations and plinths or similar works complete as per drawing and MoRD technical specification rural roads section 800, 900, 1200 and 1600 including carriage of materials upto all leads lifts and as per the direction of Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	150.00	Cum	10538.20	Rupees Ten Thousand Five Hundred Thirty Eight and Paise Twenty Only	1580730
6	Back filling behind abutment, wing wall and return wall and retaining wall with granular material complete as per drawings and MORD technical specification Section 1200 &1600 including carriage of materials with in all leads and lifts and as per the direction of Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	1687.78	Cum	1585.80	Rupees One Thousand Five Hundred Eighty Five and Paise Eighty Only	2676482
7	Providing weapholes in brick masonry /stone masonry /plain reinforced concrete abutment, wing wall, return wall with 100mm (one hundred milimetre) dia (inner dia) PVC pipe extending through the full width of the structures with slop of 1(v);20 (H) towards drawing face complete as per drawings and MoRD technical specifications section 1200 and as per entire satisfaction, direction by Engineer-In-Charge and including carriage of materials with in all leads and lifts. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	845.00	Nos.	322.60	Rupees Three Hundred Twenty Two and Paise Sixty Only	272597

8	Providing and laying of boulder apron laid in wire crates with 4 mm (four millimetre) dia GI wire conforming to IS:280 and IS:4826 in 100 mm x 100 mm (one hundred millimetre into one hundred millimetre) mesh (woven diagonally) including 10 % (ten percent) extra for laps and joints laid with stone boulders weighing not less than 40 kg (forty kilogram) each as per drawing and MORD technical specifications section 1300 including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	3186.00	Cum	2658.80	Rupees Two Thousand Six Hundred Fifty Eight and Paise Eighty Only	8470937
9	Construction of dry rubble masonry for retaining walls, breast walls, revetment walls and parapets etc. for sub structure and super structure complete as per drawing and MORD Technical specification sections 700 and 1300 including carriage of materials, within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	1543.44	Cum	3822.40	Rupees Three Thousand Eight Hundred Twenty Two and Paise Forty Only	5899645
10	Random Rubble Stone masonry in cement-mortar (1:6) for substructure complete as per drawing & MORD Technical specification sections 700 and 1200 including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	1197.04	Cum	6622.90	Rupees Six Thousand Six Hundred Twenty Two and Paise Ninety Only	7927876
11	Providing and laying concrete mechanically mixed and vibrated PCC M-10 (1:3:6 Nominal mix) with 20mm (twenty millimeter) nominal size for plain/ reinforced concrete in open foundation and plinths or similar works complete as per drawings and MoRD technical specification section 800, 900, 1200 and 1600 and curing complete including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer in charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	861.72	Cum	10770.10	Rupees Ten Thousand Seven Hundred Seventy and Paise Ten Only	9280811
12	Providing and erecting W metal beam crash barrier comprising 3mm thick corrugated sheet metal beam rail 70 cm above road/ground level fixed on ISMC series Channel vertical part of 150 mm x 75 mm x 5 mm special 2.00 metre center to center 1.80 metre high 1.10 metre below ground road level all steel parts and filaments to be	285.00	Rmt	4987.50	Rupees Four Thousand Nine Hundred Eighty Seven and Paise Fifty Only	1421438

	galvanized by hot dip process, a fitting to confirm to IS 1367 and IS-1364 metal beam rail to be fixed on the vertical post with a space of channel section 150mm x 75mm x 5mm 330 mm long complete as per MORTH Specification section 800 including hauling of materials in all leads and lifts as per entire satisfaction and direction of Engineer-in- Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.					
13	Providing and laying mechanically mixed and vibrated plain cement concrete in sub structure grade M-15 (1:2.5:5) Nominal Mix with 40mm (forty millimetre) nominal size graded stone aggregate on ground or under water including curing complete including pumping or bailing out water de-watering removal of slush as required at site, which may arises at the time of laying concrete complete for all heights/ depths including cost of form work in parapets and toe wall etcetra as per drawing and MORD technical specification section 800, 900, 1200 and 1600 including carriage of materials within all leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or other taxes imposed by the Government but excluding GST.	1288.90	Cum	11249.00	Rupees Eleven Thousand Two Hundred Forty Nine Only	14498836
14	Providing and laying concrete mechanically mixed and vibrated PCC grade M-15 (M-fifteen) design mix with cement contents not less than 275kg (two hundred seventy five kilogram per cubic metre) with aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in open foundation and plinths or similar works (In Flooring) complete as per drawings and MoRD technical specification section 800, 900, 1200 & 1600 and curing complete including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer in charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	40.00	Cum	10635.40	Rupees Ten Thousand Six Hundred Thirty Five and Paise Forty Only	425416
15	Providing and laying concrete mechanically mixed and vibrated grade M-15 (M-fifteen) design mix with cement contents not less than 275kg (two hundred seventy five kilogram per cubic metre) with aggregate 40mm (forty millimeter) nominal size for plain/reinforced concrete in foundation plinth or similar works complete as per drawings and MoRD technical	103.37	Cum	14286.60	Rupees Fourteen Thousand Two Hundred Eighty Six and Paise Sixty Only	1476806

	specification section 800, 900,1200 and 1600 and curing complete including the cost of form work and hauling of material in all leads and lifts as per the entire satisfaction and direction of Engineer- in- Charge . The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.					
16	Filling in foundation trenches as per drawing and MORD technical specification Clause 305.3.9 earth filling and as per directions of Engineer-in-Charge including carriage of material within all leads, lifts and other incidental. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	149.98	Cum	353.50	Rupees Three Hundred Fifty Three and Paise Fifty Only	53018
17	Providing and Laying reinforced cement concrete pipe IS (Indian Standard) class NP3 (Non Pressure-three) of 900 (Nine hundred) milimetre internal dia metre for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement is to two sand) but excluding excavation, protection works, back filling, concrete and masonry works in head walls and parapets as per drawings and MoRD technical specifications section 1100 including carriage of materials with in all leads and lifts as per the entire satisfaction and direction of Engineer-In-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	97.50	Rmt	11163.30	Rupees Eleven Thousand One Hundred Sixty Three and Paise Thirty Only	1088422
18	Providing and Laying reinforced cement concrete pipe IS (Indian Standard) class NP3 (Non Pressure-three) of 300 (Three Hundred) milimetre internal dia metre for culverts on first class bedding of granular material in single row including fixing collar with cement mortar 1:2 (one cement is to two sand) but excluding excavation, protection works, back filling, concrete and masonry works in head walls and parapets as per drawings and MoRD technical specifications section 1100 including carriage of materials with in all leads and lifts as per the entire satisfaction and direction of Engineer-In-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	127.50	Rmt	5609.20	Rupees Five Thousand Six Hundred Nine and Paise Twenty Only	715173
19	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in Sub-structure complete as per drawing and MORD technical specifications section 1000 and	9.13	Tonne	84420.40	Rupees Eighty Four Thousand Four	770758

	1200 including hauling of materials in all leads and lifts as per entire satisfaction and direction of Engineer-in- Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.				Hundred Twenty and Paise Forty Only	
20	Supplying, fitting and placing HYSD bar reinforcement (Fe 415) in super structure complete as per drawing and MORD technical specifications section 100 and 1200 including hauling of materials in all leads and lifts as per entire satisfaction and direction of Engineer-in- Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	24.49	Tonne	86606.70	Rupees Eighty Six Thousand Six Hundred Six and Paise Seventy Only	2120998
21	Providing and laying mechanically mixed and vibrated reinforced cement concrete in sub-structure using grade M-20 (M-Twenty) design mix with cement content not less than 350kg (three hundred fifty kilogram) per cubic metre with 20mm (Twenty milimetres) nominal size graded crushed stone aggregate as per drawings and M.O.R.D. technical section 800, 900 and 1200 and 1600 including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in bed block and dirt wall etcetra and curing complete including carriage of materials within all kinds of leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	223.56	Cum	12542.10	Rupees Twelve Thousand Five Hundred Forty Two and Paise Ten Only	2803912
22	Providing and laying mechanically mixed and vibrated cement concrete in foundation using grade M-20 (M-Twenty) design mix with cement contents not less than 350kg (three hundred fifty kilogram) per cubic metre with 20mm (Twenty milimetres) nominal size graded crushed stone aggregate as per drawings and M.O.R.D. technical section 800, 900 and 1200 and 1600 including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in bed block and dirt wall etcetra and curing complete including carriage of materials with in all kinds of leads, lifts and other incidental and as per the entire satisfaction and directions of Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	2058.82	Cum	11520.20	Rupees Eleven Thousand Five Hundred Twenty and Paise Twenty Only	23718018

23	Providing and laying mechanically mixed and vibrated reinforced cement concrete in super structure as per drawing and M.O.R.D. technical specification section 800, 900, 1000, 1400 and 1600 using Reinforced Cement Concrete grade M-25 (M-Twenty five) design mix with minimum cement contents not less than 400Kgs (Four hundred kilogram) per cubic metre with 20mm (Twenty milimetres) nominal size graded crushed stone aggregate and curing complete including the cost of form work but excluding the cost of reinforcement for reinforced concrete work in deck slab, etcetera including carriage of material within all leads, lifts and other incidental, as per the directions of the Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST	239.35	Cum	13011.60	Rupees Thirteen Thousand Eleven and Paise Sixty Only	3114326
24	Providing and laying mechanically mixed and vibrated reinforced cement concrete grade M-30 (Thirty) design mix with cement contents not less than 430Kgs (Four hundred thirty kilogram) per cubic metre with 20mm (Twenty milimetres) nominal size graded crushed stone aggregate and curing complete as per drawings and M.O.R.D. technical specification section 800, 900, 1000, 1400 and 1600 in wearing course including the cost of form work and reinforcement for reinforced concrete work and carriage of materials within all kinds of leads, lifts and other incidental, as per the entire satisfaction and directions of Engineer-in-Charge . The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	70.09	Cum	19295.20	Rupees Nineteen Thousand Two Hundred Ninety Five and Paise Twenty Only	1352401
25	Construction of Reinforcement cement concrete railing of M-25 grade (M-twenty five) in cast in situ with 20mm (twenty millimetre) nominal size aggregate true to line and grade , tolerance of vertical railing post not to exceed 1 in 500 (one in five hundred) centre to centre spacing between vertical posts not to exceed 2000mm (two thousand millimetre) leaving adequate space between vertical post for expansion complete including the cost of reinforcement, form work and curing complete as per approved drawing and MORD technical specifications section 800, 900, 1000, 1200, 1600 and 1700 and as per the entire satisfaction and as directed by the Engineer-in-Charge including carriage of material within all leads, lifts other incidentals. The rate is including octroi,	114.66	Rmt	4179.40	Rupees Four Thousand One Hundred Seventy Nine and Paise Forty Only	479210

	royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.					
26	Providing and fixing drainage spouts complete with 100mm (one hundred millimeter) dia galvanized mild steel down pipe corrosion resistant structural steel grating complete as per drawing and M.O.R.D. technical specifications section 1400 and as per the direction of Engineer-in- Charge including carriage of materials within all leads , lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	52.00	Nos.	1528.00	Rupees One Thousand Five Hundred Twenty Eight Only	79456
27	Providing and laying mechanical mixed and vibrated cement concrete M-15 (M-Fifteen) with minimum nominal mix 1:2.5:5 (One cement isto Two and half sand is to five graded crushed/broken stone aggregate 40mm (Forty millimetres nominal size) levelling course below approach slab complete including cost of form work and curing complete as per drawing and MORD technical specifications section 800, 900, 1200, 1400 and 1600 and as directed by the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax and any other taxes imposed by the Government but excluding GST.	27.29	Cum	10226.40	Rupees Ten Thousand Two Hundred Twenty Six and Paise Forty Only	279078
28	Providing and laying mechanically mixed and vibrated reinforced cement concrete grade M-25 (M-Twenty five) design mix with cement contents not less than 400Kgs (Four hundred kilograms) per cubic metre with 20mm (Twenty milimetres) nominal size graded crushed stone aggregate (extra cement as per design mix above the minimum cement contents specified shall not be paid extra) in approach slab including cost of form work and reinforcement complete as per drawings and MORD technical specifications section 800, 900, 1000, 1400 and 1600 and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax and any other taxes imposed by the Government but excluding GST	39.15	Cum	17505.90	Rupees Seventeen Thousand Five Hundred Five and Paise Ninety Only	685356

29	<p>Construction of un-reinforced, dowel jointed at expansion and construction joint only, plain cement concrete Panel pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per MORD Technical Specifications Section 1500, M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (Steel channel, laying and fixing of 125 micron thick polythene film, wedges, Steel plates including leveling the form work as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including provision of contraction and expansion, construction joints, applying debonding strips, primer, sealant, dowel bars, near approaches to bridge/ culvert and construction joints, admixtures as approved, curing of concrete slabs for 14days using curing compound (where specified) and water finishing lines and grade as per drawing and Technical specification clause 1501 including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.</p>	25.00	Cum	13514.40	Rupees Thirteen Thousand Five Hundred Fourteen and Paise Forty Only	337860
30	<p>Loosening of the ground upto a level of 300mm (three hundred millimetre) below the subgrade level, watered, graded with motor grader and compacted in layers to meet requirement of Tables 300.1 and 300.2 of MORD with three wheel 80-100 (eighty to one hundred) Kn static roller for subgrade construction as per MORD Technical Specification section 300. as per direction of Engieer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.</p>	19005.04	Cum	124.80	Rupees One Hundred Twenty Four and Paise Eighty Only	2371829
31	<p>Construction of sub grade and earthen shoulders with approved material obtained from borrow pits with in all lifts and leads, transporting to site, spreading, grading by mechanical means to required slope and compacted with three wheel 80-100 (eighty - hundred) kN static roller to meet requirement of Table 300.2 complete as per MORD technical Specification section 300 & 1600 and as per direction of Engineer-in-Charge including carriage of materials</p>	9217.80	Cum	374.70	Rupees Three Hundred Seventy Four and Paise Seventy Only	3453910

	within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.					
32	Construction of 1st layer Bio enzyme (100mm) based soil stabilized layer (accredited by IRC) to a required thickness as per manufacturer design with local soil material/gravel/ murram, having CBR greater than Equal to 5% and treating it with Bio Enzyme in the ratio 1L for 12.5 cum soil , spreading in uniform layer with motor grader on prepared surface. mixing by mix in place method with rotavator at OMC and compacting with smooth wheel roller to achieve the desired density complete as per technical specification incl all labour, materials, like soil and metal, equipments etc., complete, including Supervision (Supervisor shall be provided by Bio Enzyme Vendor) as per the directions of the Engineer- in- Charge of the work . Bio Enzyme Supervisor accommodation, food and local transport will be in scope of Contractor. The soil will have clay percentage by hygrometry between 8% to 30%, including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	6335.01	Cum	2822.50	Rupees Two Thousand Eight Hundred Twenty Two and Paise Fifty Only	17880566
33	Construction of 2nd layer Bio enzyme (75mm) based soil stabilized layer (accredited by IRC) to a required thickness as per manufacturer design with local soil material/gravel/ murram, having CBR greater than Equal to 6% and treating it with Bio Enzyme in the ratio 1L for 15.0 cum soil with 25% 40mm crusher broken metal (of compacted thickness) in design mix, spreading in uniform layer with motor grader on prepared surface. mixing by mix in place method with rotavator at OMC and compacting with smooth wheel roller to achieve the desired density complete as per technical specification including all labour, materials, like soil and metal, equipments etc., complete, including Supervision (Supervisor shall be provided by Bio Enzyme Vendor) as per the directions of the Engineer- in- Charge of the work . Bio Enzyme Supervisor accommodation, food and local transport will be in scope of Contractor. The soil will have clay % by hydrometric between 8% to 30% , including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any	4351.93	Cum	3138.40	Rupees Three Thousand One Hundred Thirty Eight and Paise Forty Only	13658097

	other taxes imposed by the Government but excluding GST.					
34	Applying of curing material Terra Cure after the application of Bio Enzyme layer (accredited by IRC) for by mixing Terra Cure with water in the ratio of 1:200 and then applying the mixed solution @ 3 Litres for 1 sq.mt including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	58025.63	Sqm	42.90	Rupees Forty Two and Paise Ninety Only	2489300
35	Construction of Granular Sub-Base (Grade-1) by providing well graded materials, spreading in uniform layers with tractor mount grader on prepared surface, mixing by mix in place method with rotavator at OMC, and compacting with three Wheel 80-100 (Eighty-hundred) kN static roller to achieve the desired density, complete as per MORD Technical Specification section 400 for grading-I Material, as per the entire satisfaction and directions of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	2.52	Cum	6110.60	Rupees Six Thousand One Hundred Ten and Paise Sixty Only	15426
36	Providing, laying, spreading and compacting by mechanical means crushed stone aggregate size 63mm to 45mm (sixty three millimetre to forty five millimetre) Grading-II 75mm (seventy five millimetres) consolidated thickness to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 (eighty to one hundred) K.N. static roller in stages to proper grade and camber including applying and brooming, stone screening type-B of size 11.2mm (eleven point two milimetres) nominal size at the rate of 0.20cum (zero point two zero cubic metres) per ten square metres and binding material at the rate of 0.06 cum (zero point zero six cubic metre) per ten square metre to fill up the interstices of coarse aggregate, watering and compacting to the required density as per M.O.R.D. technical specifications section 400 and as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidental The rate is including octroi, royalty, Malkana, toll tax or any other taxes	16.16	Cum	7459.40	Rupees Seven Thousand Four Hundred Fifty Nine and Paise Forty Only	120563

	imposed by the Government but excluding GST.					
37	Providing, laying, spreading and compacting by mechanical means of crushed stone aggregate size 53mm to 22.4mm (fifty three millimetre to twenty two point four millimetre) Grading-III [75mm (seventy five millimetres) consolidated thickness] to water bound Macadam specification including spreading in uniform thickness using template, hand packing, rolling with three wheel 80-100 K.N. (eight to one hundred) static roller in stages to proper grade and camber, including applying and brooming, stone screening type-B of size 11.2mm (eleven point two milimetres) nominal size at the rate of 0.18cum (zero point one eight cubic metres) per ten square metres and to fill up the interstices of coarse aggregate, watering and compacting to the required density as per M.O.R.D. technical specifications section 400 and as per the entire satisfaction and direction of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidental. The rate includes octroi, royalty, Malkana, toll tax or other taxes imposed by the Government but excluding GST.	4353.84	Cum	7344.80	Rupees Seven Thousand Three Hundred Forty Four and Paise Eighty Only	31978102
38	Providing and applying primer coat with Bitumen emulsion (SS-I) on the prepared surface of granular base including cleaning of road surface with Hydraulic brooms and spraying primer at the rate 0.85 Kg. (Zero point eight five kilogram) per square metre using one part of bitumen emulsion SS-I and two parts of water mixed with Nano technology Tera prime emulsion @ 1% (One percent) of weight of emulsion by mechanical means as per M.O.R.D. technical specifications section 500 as per the entire satisfaction and directions of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	58025.63	Sqm	60.20	Rupees Sixty and Paise Twenty Only	3493143
39	Providing and applying tack coat with Bitumen emulsion (RS-I) on the prepared bituminous surface cleaned with hydraulic broom and spraying with bitumen emulsion pressure distributor at the rate 0.250 Kg (Zero decimal two five zero kilogram) per Square metre using one part of bitumen tack emulsion RS-I and two parts of water mixed with Nano technology nanotac @ 1.4% (One decimal four percent) of weight of emulsion	58025.63	Sqm	21.20	Rupees Twenty One and Paise Twenty Only	1230143

	as per MORD technical specification section 500 , and as per direction of Engineer-in-Charge, including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, malkana toll tax and other taxes imposed by the Government but excluding GST.					
40	Providing and laying 50mm (Fifty millimetres) compacted thick bituminous macadam with 100-120 (One hundred -One hundred twenty) tonne per hour hot mix plant producing an average output of 75 tonnes (seventy five tonne) per hour using crushed aggregates 26.5mm (Twenty Six point five millimetres) nominal size of specified grading premixed with bituminous binder VG-10 (Viscosity Grade-Ten) at the rate of not less than 3.3 % (three point three percent) of mix weight, with nano technology (Zycotherm), using cement as filler with quantity or as per design mix transporting the hot mix to work site, laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRD specification section 500 complete in all respects, including carriage of material within all leads, lifts and other incidentals as per the entire satisfaction and direction of Engineer-in-Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government excluding GST.	2901.28	Cum	13679.50	Rupees Thirteen Thousand Six Hundred Seventy Nine and Paise Fifty Only	39688060
41	Providing and laying 30mm (thirty millimetre) compacted thickness bituminous concrete with 100-120 (one hundred to one hundred twenty) TPH hot mix batch type plant with electronic control grading-II using crushed aggregate 13.2mm (thirteen decimal two millimetre) nominal size of specified grading premixed with bituminous binder VG-10 (Viscosity grade-Ten) at the rate of not less than 5.5% (five point five percent of mix weight or as per design mix with nono technology (Zycotherm) at the rate 0.1% (zero decimal one percent) weight of bitumen, using cement as filler with quantity not less than 2% (two percent) by weight of total aggregate or as per design mix transported to site, laid with sensor paver finisher hydraulic with sensor control to the required grade, level and alignment, over a previously prepared surface and rolling complete with smooth three wheel roller 8-10 (eight to ten)	1740.77	Cum	16359.20	Rupees Sixteen Thousand Three Hundred Fifty Nine and Paise Twenty Only	28477605

	tonne capacity for initial break down rolling and vibratory roller 8-10 (eight to ten) tonne capacity or pneumatic tyre roller of 12-15 (twelve to fifteen) tonne with tyre pressure of atleast 0.56 MPa (Zero decimal five six) for intermediate rolling and finish rolling with 6-8 (six to eighty) tonne smooth wheeled tandem roller to achieve the desire compaction as per MoRTH technical specification section 500 complete in all respect or as directed by the Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax and any other taxes imposed by the Government but excluding GST.					
42	Construction of unlined surface drains of average cross-sectional area 0.40 sqm (zero decimal four zero per square metre) in soil to specified lines, grades, levels and dimensions. Excavated material to be used in embankment as per Technical Specification Clause 307 and as directed by the Engineer-In-charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax and any other taxes imposed by the Government but excluding GST.	10000.00	Rmt	137.90	Rupees One Hundred Thirty Seven and Paise Ninety Only	1379000
43	Painting lines, dashes, arrows, etc. on roads in two coats on new work with ready mixed road marking paint conforming to IS:164 on bituminous/ concrete surface, including cleaning the surface of all dirt, dust and other foreign matter, demarcation at site and traffic control as per drawing and M.O.R.D. technical specifications section 1700 including carriage of materials within all leads, lifts and other incidentals. The rate is including octroi, royalty, malkana toll tax and other taxes imposed by the Government but excluding GST.	40.80	Sqm	179.30	Rupees One Hundred Seventy Nine and Paise Thirty Only	7315
44	Providing and fixing of typical PMGSY informatory sign board with Logo as per MORD specifications and drawing. Three MS Plates of 1.6mm thick, top and middle plate duly welded with MS flat iron 25mm x 5m size on back on edges. The lower plate will be welded with MS angle iron frame of 25mm x 25mm x 5mm. The angle iron frame of the lower most plate and flat iron frame of middle plate will be welded to 2nos 75mm x 75mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. The top most diamond plate will be welded to middle plate by 47mm x 47mm of 12 SWG steel	4.00	Each	21287.10	Rupees Twenty One Thousand Two Hundred Eighty Seven and Paise Ten Only	85148

	plate tube. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing & MORD Specification section 1700 and Annexure 1700.1 including hauling of materials in all leads and lifts as per entire satisfaction and direction of Engineer-in- Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.					
45	Providing and fixing of typical PMGSY informatory Logo as per MORD specifications and as per standard design of National Rural infrastructure agency development agency, of diamond size 600 x 600mm, MS plate of 1.6mm thick, and board plate of 1100 x 300mm, MS plate of 1.6mm thick and 2.4m deep 75mm x 75 mm x 6mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. size including fitting and painting, Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing and MORD specification Section 1700 . The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	9.00	Each	8761.20	Rupees Eight Thousand Seven Hundred Sixty One and Paise Twenty Only	78851
46	Reinforced cement concrete M-15 (M-fifteen) grade 5th (fifth) Kilometre stone (Precast) of standard design as per IRC :8 fixing in position including painting and printing etcetera as per drawing and MORD technical specification section 1700 and as per the directions of the Engineer-in-Charge including carriage of material, within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	3.00	Each	7092.00	Rupees Seven Thousand Ninety Two Only	21276

47	Reinforced cement concrete M-15 (M-fifteen) grade 200m (two hundred metre) Stone (Precast) of standard design as per IRC :8 fixing in position including painting and printing etcetera as per drawing and MORD technical specification section 1700 and as per the directions of the Engineer-in-Charge including carriage of material, within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	68.00	Each	699.10	Rupees Six Hundred Ninety Nine and Paise Ten Only	47539
48	Reinforced cement concrete M-15 (M-fifteen) grade Ordinary Kilometer Stone (Precast) of standard design as per IRC :8 fixing in position including painting and printing etcetera as per drawing and MORD technical specification section 1700 and as per the directions of the Engineer-in-Charge including carriage of material, within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	14.00	Each	4312.60	Rupees Four Thousand Three Hundred Twelve and Paise Sixty Only	60376
49	Providing and erecting direction and place identifications of semi reflective sign boards up to 0.90 sqm as per IRC:67 made of 2mm thick M.S. Sheet duly stove enameled paint in white colour in front and grey colour on back with red reflective border of 70mm width and required message, letters, figures with reflective engineering grade tape as per MORD specifications of required shade and colour. Supported and welded on 47mm x 47mm of 12 SWG Square tube of 3050mm height duly strengthened by 25mm x 5 mm M/s flat iron on edges on back firmly fixed to the ground by means of properly designed foundations with M-15 grade cement concrete 450mm x 450mm x 600mm, 600mm below ground level as per approved drawing and MoRD Technical Specification Section 1700 including hauling of materials in all leads and lifts as per entire satisfaction and direction of Engineer-in- Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	51.00	Each	7571.50	Rupees Seven Thousand Five Hundred Seventy One and Paise Fifty Only	386147
50	Providing and fixing of Semi-reflective cautionary, mandatory and inforamatory sign board 600mm (six hundred millimetre) equilateral triangle as per IRC-67 made of 1.5mm (one point five millimetre) thick MS-sheets duly stove enameled paint in white colour in front and gray colour on back with red reflective border of 65mm	85.00	Each	3539.80	Rupees Three Thousand Five Hundred Thirty Nine and Paise Eighty Only	300883

	(sixty five millimetre) width and required letters and figures with reflective tape engineering grade as per section 1700 of MORD for Rural Roads of required shade and colour supported and welded on 47mm x 47mm of 12 SWG (forty seven into forty seven millimetre of twelve Standard Wire Gauge) sheet square tube firmly fixed to the ground by mean of properly designed foundation with M-15 grade (M-fifteen grade) cement concrete 450mm x 450mm x 600mm (four hundred fifty into four hundred fifty into six hundred millimetre), 600mm (six hundred millimetre) below ground level as per drawings and MORD Technical Specification section 1700 including painting angle iron post with primer and two post of Epoxy paint as per specification and as per the direction of Engineer-in-Charge including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.					
51	Providing and fixing of Semi-reflective cautionary, mandatory and informatory sign board 600mm (six hundred millimetre) Circular as per IRC-67 made of 1.5mm (one point five millimetre) thick MS-sheets duly stove enameled paint in white colour in front and gray colour on back with red reflective border of 65mm (sixty five millimetre) width and required letters and figures with reflective tape engineering grade as per section 1700 of MORD for Rural Roads of required shade and colour supported and welded on 47mm x 47mm of 12 SWG (forty seven into forty seven millimetre of twelve Standard Wire Gauge) sheet square tube firmly fixed to the ground by mean of properly designed foundation with M-15 grade (M-fifteen grade) cement concrete 450mm x 450mm x 600mm (four hundred fifty into four hundred fifty into six hundred millimetre), 600mm (six hundred millimetre) below ground level as per drawings and MORD Technical Specification section 1700 including painting angle iron post with primer and two post of Epoxy paint as per specification and as per the direction of Engineer-in-Charge including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax, and any other taxes imposed by the Government but excluding GST.	34.00	Each	3724.10	Rupees Three Thousand Seven Hundred Twenty Four and Paise Ten Only	126619

52	Providing and fixing of Maintenance Board as per MORD specifications and drawing. MS Plates of 1.6mm thick 900mm x 1500mm welded over 6mm thick steel plates. 2 nos. 75mm x 75mm of 12 SWG sheet tubes posts duly embedded in cement concrete M-15 grade blocks of 450mm x 450mm x 600mm, 600mm below ground level. All M.S. will be stove enameled on both sides. Lettering and printing arrows, border etc. will be painted with ready mixed synthetic enamel paint of superior quality in required shade and colour. All sections of framed posts and steel tube will be painted with primer and two coats of epoxy paint as per drawing MORD Specification section 1700 including hauling of materials in all leads and lifts as per entire satisfaction and direction of Engineer-in- Charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	1.00	Each	21128.70	Rupees Twenty One Thousand One Hundred Twenty Eight and Paise Seventy Only	21129
53	Guard Stone on Curve made of Reinforced cement concrete local stone of standard design as per IRC:25, fixed in position including finishing and lettering but excluding painting as per drawing and MORD technical specification section 1700 as per direction of Engineer – in-Charge including carriage of materials within all leads, lifts and other incidental. The rate is including octroi, royalty, Malkana, toll tax or other taxes imposed by the Government but excluding GST.	854.00	Each	426.10	Rupees Four Hundred Twenty Six and Paise Ten Only	363889
54	Providing and Fixing pavement marker (Cat eyes) made out of ABS 3 M (three) plastic of size 128 x 110 x 29.5mm (one hundred twenty eight into one hundred ten into twenty nine decimal five millimetres) without nail having 50mm (fifty millimetres) stem of ABS. The pavement marker shall be installed with epoxy ABS including carriage of materials and equipment with all mode of transportation and as per direction of MORD Specification section 1700 & Engineer-in-charge. The rate is including octroi, royalty, Malkana, toll tax or any other taxes imposed by the Government but excluding GST.	1707.00	Each	204.50	Rupees Two Hundred Four and Paise Fifty Only	349082
55	Providing and fixing road side delineator of height 600mm (six hundred millimetre) made of MS pipe of size 50mm (fifty millimetre) of 1.6 SWG having High intensity micro prismatic reflective sheeting confirming to ASTM type-XI upto 300mm length Balance 300mm (three hundred millimetre) It shall be painted with synthetic enamel paint of alternate colour black & white strips. It shall be fixed with 30 x 30 x 30cm (thirty into thirty into thirty centimetre) block with cement concrete 1:2:4 (one cement isto two sand isto four graded crushed stone aggregate 20mm (twenty millimetre) nominal size as per	341.00	Each	1400.60	Rupees One Thousand Four Hundred and Paise Sixty Only	477605

	specifications complete as per direction of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax or other taxes imposed by the Government but excluding GST.					
56	Supplying and installation of delineators (road way indicators, hazard markers, object markers) , 80-100cm high (eighty to one hundred centimetre) above ground level, painted black and white in 15 cm (fifteen centimetre) wide strips, fitted with 80 x 100mm (eighty into one hundred millimetre) rectangular or 75mm dia (seventy five millimetre diameter) circular reflectorised panels at the top, buried or pressed into the ground and conforming to IRC-79 and the drawings and specifications complete as per direction of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax or other taxes imposed by the Government but excluding GST.	17.00	Each	960.40	Rupees Nine Hundred Sixty and Paise Forty Only	16327
57	Providing and fixing road side Single Chevron markers of height 600mm made of MS pipe of size 50mm (fifty millimetre) of 1.6 (one point six) SWG having High intensity micro prismatic reflective sheeting confirming to ASTM type-XI upto 300mm (three hundred millimetre) length Balance 300mm (three hundred millimetre) it shall be painted with synthetic enamel paint of alternate colour black & white strips. It shall be fixed with 30 x 30 x 30cm (thirty into thirty into thirty centimetre) block with cement concrete 1:2:4 (one cement isto two sand isto four graded crushed stone aggregate 20mm (twenty millimetre) nominal size complete in all respect as per specifications complete as per direction of Engineer – in- Charge including carriage of materials within all leads, lifts and other incidental . The rate is including octroi, royalty, Malkana, toll tax, or other taxes imposed by the Government but excluding GST.	34.00	Each	875.20	Rupees Eight Hundred Seventy Five and Paise Twenty Only	29757
58	Providing and Laying of Cold applied thermoplastic compound road marking paint 2.5mm (two decimal five millimetre) thick with refletorising glass beads at the rate 250 gram (two hundred fifty) gram per square metre area, thickness of 2.5mm (two decimal five millimetre) is exclusive of surface applied glass beads as per specification and with strips of 0.10 (Zero decimal one) metre width in centre lines or edge lines of the road as per the directions of Engineer-in-Charge including carriage of material within all leads, lifts and other incidentals. The rate is including octroi, royalty, Malkana, toll tax and any other taxes imposed by the Government but excluding GST.	4096.80	Sqm	2177.80	Rupees Two Thousand One Hundred Seventy Seven and Paise Eighty Only	8922011
						342809205

59	Part-II:- Routine maintenance after completion of construction work as per term and condition of bid document and technical specification of ministry of rural development and rural roads including hauling carriage of all labour , equipment and materials to various location through all modes of transportations, all leads, lifts to the entire satisfaction of the Engineer-in-Charge.					
59.1	For 1st year	17.070	Per Kilometre	146000	Rupees One Lakh Forty Six Thousand Only	2492220
59.2	For 2nd year	17.070	Per Kilometre	153000	Rupees One Lakh Fifty Three Thousand Only	2611710
59.3	For 3rd Year	17.070	Per Kilometre	161000	Rupees One Lakh Sixty One Thousand Only	2748270
59.4	For 4th Year	17.070	Per Kilometre	169000	Rupees One Lakh Sixty Nine Thousand Only	2884830
59.5	For 5th Year	17.070	Per Kilometre	177000	Rupees One Lakh Seventy Seven Thousand Only	3021390
Total Maintenance Part						13758420
Total in Figures		356567625				
Total in Words		Rupees Thirty five crore sixty five lacs sixty seven thousand six hundred and twenty five only				

Grand Total:-35,65,67,625/- only excluding 18% GST

Draft Schedule of quantity is recommended for Rs. 35,65,67,625/- only (i.e. Construction Part Rs. 34,28,09,205/- only & Maintenance Part 1,37,58,420/- only) excluding 18% GST for approval please.

**Executive Engineer
Kaza Division
HP.PWD. Kaza**

“Freeze”Not to be editable***Bill of Quantities Routine Maintenance Part***

Sl. No.	Description of item (with brief specification and reference to book of specifications)	Quantity	Unit	Rate(excluding GST)		Amount
				In figures	In words	
	Routine Maintenance** after completion of construction works (Lump-sum Amount for each year Per Km.) For 1st year For 2nd year For 3rd Year For 4th Year For 5th Year			<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	<hr/> <hr/> <hr/> <hr/> <hr/> <hr/>	

Total Bid Price (in figures)-----

(in words)-----

Signature_____

Note : The Bidder is not required to quote his rates for routine maintenance as these rates are already pre-specified by the authority and the payment for routine maintenance to the contractor shall be regulated based on his performance of maintenance activities.

Total Bid price for the construction part and routine maintenance part

Total Bid Price (in figures)-----

(in words)-----

Signature

Notes:

1. The Schedule of Rate is 2025 updated on market rates.
2. Wherever there is any discrepancy between the rate entered in the Bill of Quantities and the Schedule of Rates as per Note 1 above, the rate given in the Schedule of Rates will apply.
3. For Routine Maintenance, the unit rate indicated by the Authority shall apply. The Bidder is required to accept these rates. Further, the payment shall be performance based.

Section 8
Standard Forms

Letter of Acceptance and Other Forms

Standard Forms

(a) Letter of Acceptance

Notes on Standard Form of Letter of Acceptance

The Letter of Acceptance will be the basis for formation of the Contract as described in Clauses 29 and 30 of the Instructions to Bidders. This Standard Form of Letter of Acceptance should be filled in and sent to the successful Bidder only after evaluation of bids has been completed and approval of the competent authority has been obtained.

[Letter head *paper of the Employer*]

[Date]

To:

[Name of the Contractor]

[Address of the Contractor]

This is to notify you that the Employer, namely,
_____ has accepted your Bid
dated _____ for execution of the
_____ [name of the Contract
and identification number, as given in the Contract Data] and Routine
Maintenance of the works for five years for the Contract Price of Rupees

_____ [amount in figures and words] is hereby accepted by our
Agency.

Standard Bidding Document for PMGSY

You are hereby requested to furnish Performance Security, (and additional Security for unbalanced bids in terms of ITB Clause 26.3) [where applicable] in the form detailed in Cl. 30 of ITB for an amount of Rs _____ within 10 days of the receipt of this Letter of Acceptance valid up to 45 days from the date of expiry of Defects Liability Period i.e. up to..... and sign the Contract. If the Performance Security is in the form of a Bank Guarantee (including e-Bank Guarantee), the period of validity of Bank Guarantee (including e-Bank Guarantee) could be one year initially, however, the Contractor would get this Bank Guarantee (including e-Bank Guarantee) extended in such a way that an amount equal to the requisite Performance Security is always available with the Employer until 45 days after the lapse of Defects Liability Period failing which action as stated in Cl. 30.3 of ITB will be taken.

1. You are also requested to indicate your nominee as required under Clause 53.2 of the GCC.

Yours faithfully,

Authorized Signature: _____

Name and Title of Signatory: _____

Name of Agency: _____

Attachment:

(b) Issue of Notice to Proceed with the Work
(Letter head of the Employer)

_____ (Date)

To

_____ (Name and address of the Contractor)

Dear Sirs:

Pursuant to your furnishing the requisite Performance Security as stipulated in ITB Clause 30 and signing of the Contract for the construction of _____ and routine maintenance for five years after completion of construction, you are hereby instructed to proceed with the execution of the said works in accordance with the contract documents.

Yours faithfully,

(Signature, name and title of signatory,
authorized to sign on behalf of
Employer)

(c) Standard Form of Agreement

Standard Form: Agreement

Agreement

This Agreement, made the _____ day of _____ 20_____,
between _____

_____ [name and
address of Employer]

(here in after called “the Employer”) of the one part, and

[name and address of Contractor] (here in after called “the Contractor” of the other part).

Whereas the Employer is desirous that the Contractor execute

_____ [name and identification number of Contract]

(here in after 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 Rupees.....

NOW THIS AGREEMENT WITNESSETH as follows:

1. In this Agreement, words and expressions 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.

Standard Bidding Document for PMGSY

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 remedying the defects within the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.
4. The following documents shall be deemed to form and be read and construed as part of this Agreement, viz:
 - i) Letter of Acceptance;
 - ii) Notice to Proceed with the works;
 - iii) Contractor's Bid;
 - iv) Contract Data;
 - v) Special Conditions of Contract and General Conditions of Contract;
 - vi) Specifications;
 - vii) Drawings;
 - viii) Bill of Quantities; and
 - ix) Any other document listed in the Contract Data as forming part of the Contract.

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

The Common Seal of _____

was hereunto affixed in the presence of:

Signed, Sealed and Delivered by the said _____

in the presence of:

Binding Signature of Employer _____

Binding Signature of Contractor _____

(d) Form of unconditional Bank Guarantee (including e-Bank Guarantee) from Contractor for [To be specified by State]. As per Section 30, Clause 30.2).

PERFORMANCE BANK GUARANTEE

To: _____

[name of Employer]

[address of Employer]

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

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

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

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ [amount of guarantee]
¹ _____ [in words], such sum being payable in Indian Rupees 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]¹ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

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

We further agree that no change or addition to or other modification of the terms of the Contract or of the Works to be performed thereunder 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 (i.e.) 45 days from the date of expiry of the Defects Liability Period.

Signature and seal of the guarantor _____

Name of Bank _____

Address _____

Date _____

¹ An amount shall be inserted by the Guarantor, representing the percentage of the Contract Price specified in the Contract and denominated in Indian Rupees

PERFORMANCE BANK GUARANTEE (for unbalanced items)

To: _____ *[name of Employer]*
_____ *[address of Employer]*

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

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

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

NOW THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of _____ *[amount of guarantee]*
¹ _____ *[in words]*, such sum being payable in Indian Rupees 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]*¹ as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

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

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

This guarantee shall be valid until (i.e.) 45 days from the date of issue of the certificate of completion of works.

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

¹ An amount shall be inserted by the Guarantor, representing additional security for unbalanced Bids, if any and denominated in Indian Rupees.

BANK GUARANTEE FOR ADVANCE PAYMENT

To: _____ *[name of Employer]*
_____ *[address of Employer]*
_____ *[name of Contract]*

Gentlemen:

In accordance with the provisions of the Conditions of Contract, sub clause 51.1 ("Advance Payment") 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]*
¹ _____ *[in words]*.

We, the _____ *[bank or financial institution]*, as instructed by the Contractor, agree unconditionally and irrevocably to guarantee as primary obligator and not as Surety merely, the payment to _____ *[name of Employer]* on his first demand without whatsoever right of objection on our part and without his first claim to the Contractor, in the amount not exceeding _____ *[amount of guarantee]*¹ _____ *[in words]*.

We further agree that no change or addition to or other modification of the terms of the Contract or of 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: _____

¹ *An amount shall be inserted by the bank representing the amount of the Advance Payment, and denominated in Indian Rupees.*