

**PRE – QUALIFICATION BID  
(TECHNICAL BID)**

**Name of work:- Construction New Structure of Amreli District Package No.RPC-  
2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.**

**Issued to Shri .....**

**On Date.....**

**Divisional Accountant  
R & B Panchayat Division  
Amreli**

**Executive Engineer  
R & B Panchayat Division  
Amreli**

**GOVERNMENT OF GUJARAT  
PANCHAYAT ROADS & BUILDINGS DEPARTMENT,**

# **PRE – QUALIFICATION BID**

## **(TECHNICAL BID)**

**Name of Work:**      **Construction New Structure of Amreli District Package No.RPC-  
2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.**

**Implementation by :- Road & Building Department (Panchayat)**  
**Government of Gujarat**

**State            :-      Gujarat**

**Executive Engineer**  
**R & B Panchayat Division**  
**Amreli**

**Superintending Engineer**  
**R & B Panchayat Circle-2**  
**Rajkot.**

## Works Details

Sr No.	Name of Road
1	Construction of CD Works on Moladi Dhar Road (MDR) at various chainage Ta.Savarkundla
2	Construction of CD Works on Badhada to Dhajdi Road (VR) At.Various Chainage Ta.Savarkundla
3	Construction of CD Works on Bhenkra-Nanivadal-Bhonkarva Road (MDR) At Ch.4/360 Ta.Savarkundla
4	Construction of CD works on Fifad Ghoba Piparadi Road (ODR) at Ch.2/140 Ta.Savarkundla
5	Construction of CD Works on Ghandla Vanot Road (MDR) At Ch.0/035 Ta.Savarkundla
6	Construction of CD works on Abhrampara Approach Road (MDR) Ta.Savarkundla
7	Construction of Protection wall works on Molodi Vithalpur Road (VR) at various chainage Ta.Savarkundla
8	Construction of Protection wall works on Ghoba Mota Bhamodra Road (MDR) at various chainge Ta.Savarkundla
9	Construction of CD works on Pithvadi to Bhenkra Road (MDR) At.Ch.2/580 Ta.Savarkundla
10	Construction of Skew Slab drain, Low Level Causeway, Pro. Wall, Confine section,Vented Causeway on Mevasa to Vanshiyali Road (VR-NP) Ta.Savarkundla
11	Construction of Minor Bridge, CC Road, Pro wall, Vented Causeway on Mekda to Fifad Road (VR) Ch.0/000-3/500 Ta.Savarkundla
12	Construction of Skew slab drain, Pro. Wall, CC Road on Jira to Amba Road (VR) At.Ch.1/170 Ta.Savarkundla
13	Construction of CD Works on Badhada to Abhrampara Road (MDR) Ta.Savarkundla

**Name of Work:**                      **Construction New Structure of Amreli District Package No.RPC-  
2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.**

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## **Notice Inviting On-Line Tender**

**Details about Tender :-Tender Notice No. /2026-27 Dt. / /2025**

Department Name	:-	(R&B) Panchayat Dept. Gandhinagar
Circle	:-	Superintending Engineer Panchayat ( R & B ) Circle-2, Mangrole House, Rajkot
Division	:-	Executive Engineer, R & B Panchayat Division Amreli
IFB No.	:-	<b>Tender Notice No. of 2026-2027</b>
Name of Project	:-	Road work.
Name of Work	:-	<b>Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.</b>
Estimated Contract Value (INR)	:-	<b>Rs. 108534167.10</b>
Period of Completion (in Months)	:-	<b>12 (Twelve) Months</b>
Bidding Type	:-	Two bid system
Bid Call (Nos)	:-	1
Tender Currency Type	:-	Single
Tender Currency Settings	:-	Indian Rupee (INR)
Joint Venture	:-	<b>Not Applicable</b>
Rebate	:-	Applicable

### **Amount Details**

Bid Document Fee	:-	<b>Rs. 18000/-</b>
Bid Document Fee Payable To	:-	Executive Engineer, R & B Panchayat Division Amreli
Bid Security / EMD (INR)	:-	<b>Rs. 1086000/-</b>
Bid Security / EMD in favour of	:-	Executive Engineer, R & B Panchayat Division Amreli

### **Tender Dates**

Bid Document Downloading Start Date	:-	-
Pre-Bid meeting		<b>hrs 12.00</b>
Bid Document Downloading End Date	:-	<b>hrs 18.00</b>
Last Date & Time for Receipt (Submission) of Bids	:-	<b>hrs 18.00</b>
Bid Validity Period	:-	Bids shall remain valid for a period of not less than 120 days after the deadline date for bid submission
Submission of certain documents etc. in person in the office of the E.E. (R&B) Division, Amreli		Submission of EMD. Tender fee and other Documents during office hours: to SE at the time of tender opening or send the same through RPAD so as to reach to EE Division- within 7 days from the last date of opening in the office of the Executive Engineer, (R&B) Panchayat Division, Amreli
Remarks	:-	FDR for EMD & DD/Banker cheque for Tender fee (schedule/Nationalized Bank) shall be submitted in Electronic Format Only through Online( By Scanning) While Uploading the bid. This submission shall mean that EMD & tender fee are received Accordingly offer of those shall be opened whose EMD & tender fee is received electronically.

		<p>However for the purpose of realization of FDR&amp;DD bidder shall send the FDR&amp;DD in original to SE at the time of tender opening or send the same through RPAD so as to reach to EE Panch. R&amp;B Division- Amreli. within 7 days from the last date of opening Penetrative action for not submitting FDR&amp;D.D. in original to E.E. by bidder shall be initiated. FDR for Exemption Certificate is not necessary. However Exemption Certificate shall have to be submitted electronically through online.</p> <p>All the necessary documents in supporting of bid and prequalification documents shall be submitted in electronic format only through online (by scanning ) &amp; hard copy will not be accepted and considered.</p>
Technical Bid Opening Date		<p><b>12.00PM</b></p> <p>:- Office of the Superintending Engineer, Panchayat (R &amp; B) Circle-II, Rajkot.</p>
Financial Bid Opening date.		<p>:- Qualifying contractor shall be intimate to open price bid an approved of evaluation of Pre-qualification bid by R&amp;B Deptt. Of Gujarat. Govt.</p>

#### **Other Details**

Officer Inviting Bids	:-	Executive Engineer, R & B Panchayat Division Amreli
Bid Opening Authority	:-	Superintending Engineer, Panchayat (R & B) Circle-II, Rajkot
Address	:-	Office of the Superintending Engineer, Panchayat (R & B) Circle-II, Magrole House, Rajkot.

## **1.0 Introduction: -**

Bids from contractors for qualification are invited for a project of **The Work of Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.** Contractors. The details of contract sub-section together with its estimated costs are given in Para 4.0 General contractors, backed-up specialists, consortium who wishes to bid for this contract, should apply for qualification in the manner set out in this document. The other tender documents will be opened subsequently only of those parties selected by the employers, as having necessary qualification, suitability to perform the contract satisfactorily. Tender documents for technical bid along with "Price Bid" shall be considered valid of the bidders, those having registration in **AA Class , Special Cat.–I (Bridge).** with Road & Building Department, Government of Gujarat or the Highest Class of Registration to undertake ROAD work of unlimited amount in respect of other State with the State, Public Works Department having turnover more than the estimated cost for the individual contract in any one year of the last five financial year or the Firm. The Firms having registration of other states authorities must get themselves registered in **AA Class , Special Cat.–I (Bridge).** class with the (R&B) Department Government of Gujarat before opening of the Price bid. If this is not done before opening of the Price bid their tender will not be considered. In this regard, the decision of the Superintending Engineer, Rajkot Panchayat (R&B) Circle No.1, Rajkot, will be final. No claim on this account will be entertained. E-Tendering procedure as specified in NIT is to be followed for this work.

## **2.0 EMPLOYER: -**

**Secretary (R&B) Department  
Government of Gujrat  
Schivalaya, Gandhinagar  
Gujarat.**

### **2.1 Superintending Engineer Pachnayal R&B Circle-II, Rajkot Gujarat State on behalf of Governor of Gujrat.**

## **3.0 ENGINEER – IN – CHARGE: -**

**Executive Engineer,  
Pachayat Road and Building Division  
Amreli PHONE : (.....)**

<b>4.0</b>	<b>NAME OF WORK:</b>	<b>Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.</b>
	Chainage:	-
	District:	<b>Amreli</b>
	Proposed Work:	<b>Road Work</b>
	Estimated cost	<b>Rs. 1085.35 Lacs</b>
<b>5.0</b>	<b>LOCATION OF WORK AND SITE INFORMATION:</b>	
	The Site is in Amreli District, the work is to be carried out in <b>Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.</b>	
<b>6.0</b>	<b>SCOPE OF WORK:</b>	The work of developing following items. Item wise details of work is however as per BOQ named as price bid.
1	<b>Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.</b>	
	1.0	<b>Bridge work Various Places in Amreli District.</b>
	2.0	
	3.0	
<b>7.0</b>	<b>PROGRAMME OF WORK :-</b>	
	The programme of work for contract is as follows:	
<b>Last Submission of Tender</b>		<b>Validity Period</b>
<b>/ /2026</b>		<b>Period of Completion</b>
		Bids shall remain valid for a period of not less than 120 days after the deadline date for bid submission
		<b>12 Months (Twelve Months)</b>

#### **8.0 CONDITIONS OF CONTRACT: -**

Conditions of contract will be as per standard Bidding Documents attached with Price Bid or, modified as needed for local conditions. Price Escalation for Labour and Materials including POL will be governed as per the documents and conditions of contracts finalized for the work. The project will be governed as per the relevant Indian act in force from time to time. All works will conform to the Indian standards or other equivalent standards mentioned in the contract documents as approved by the Engineer-in charge.

The law governing the contract will be the Indian law. This work is proposed to be carried out from plan allocation of the state.

#### **9.0 SPECIFIC INSTRUCTION TO APPLICANTS: -**

A contractor may be pre-qualified for the works under this tender, if the requisite technical, financial and experience criteria are full filled.



9.1	The principal items covered in the contract are as under:
	1.0 Bridge work Various Places in Amreli District.
9.2	One firm can be qualified only once either in its own name OR as private limited or as public limited.
9.3	The Contract will be Percentage Rate contract.
9.4	The completed pre-qualification documents along with tender documents completed in all respect should be submitted to web site as mentioned above on or before - -2026. There should be two separate bid offer for Pre-Qualification bid and Price bid super scribing on each as : (1) "Pre-qualification Bid for the Work of Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli. (2) "Price Bid for the work of Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli. These two bids should be separate bid offer super scrubbing as "Documents for the work of Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli..The name & mailing address of the applicants shall be clearly marked on the bid.
9.5	The language for submission of prequalification documents along with the tender documents shall be ENGLISH. If information is provided in another language, it shall be accompanied by a translation of its pertinent parts into ENGLISH. This translation will govern and be used for interpreting the information.
9.6	The cost incurred by the contractor for this offer for clarification or attending discussion, conferences or site visits will not be reimbursed by the Employer or Engineer-in-Charge.
9.7	Applications for prequalification shall be submitted in prescribed format.
9.8	The blank tender form could be down loaded free of cost by the interested bidder, however the following documents duly have certified along with application & tender fee shall have to furnish to The Executive Engineer, Panchayat Roads And Building Division, Amreli during scheduled date and time fixed for the purpose. (a) Current Registration Certificate AA Class, Special Category-I(Bridge) or equivalent with Roads And Building department of Government of Gujarat (b) Solvency Certificate for the current Calander year from a Nationalized Bank/ Schedule Bank along with Sarder Sarovar Narmada Nigam's Bonds or SSNNL FDRs for at least 10% value of Bank solvency, pledged in the name of the Executive Engineer, whom had issued Current Registration Certificate in AA Class, Special Category-I(Bridge). or equivalent with Roads And Building department of Government of Gujarat. (c) Partnership deed (d) Latest Certificates of S.E. Mechanical for updated Drum mix plant and list of machineries owned by the contractor. (e) Valid power of attorney. (f) List of similar works completed and on hand along with their estimated cost.
9.9	The enclosed schedules should be filled in completely and, if any particular quarry is not relevant, it should be stated as 'Not applicable' Financial data, project cost value of works etc. should be given in equivalent Indian Rupees only. Failure to provide information which is essential to evaluate the Applicant's qualifications or to provide timely clarification or supplementation of the information supplied may result in disqualification of Applicant.

## Prequalification Criteria for the Construction work of Road, Bridges and Building.

<b>1.00</b>	<b><u>Eligibility</u></b>
<b>(a)</b>	<p><b>For works having amount put to tender less than Rs. 50.00 Crores</b></p> <p>I. Bidder can be a firm having valid registration as per para (3)a herein below</p>
<b>(b)</b>	<p><b>For works having amount put to tender equal to or more than Rs 50 crores.</b></p> <p>I. As per (a)I above Or,</p> <p>II. Bidder can be a Joint venture of not more than 3 firms.</p> <ol style="list-style-type: none"> <li>Each partner firm should have valid registration as per para 3(a) herein below.</li> <li>Lead Partner firm must have more than 51 % financial participation and other members must have not less than 20% financial participation. (Total should be 100%)</li> </ol> <p>III. No firm can bid for a given work simultaneously as separate bidder and as a member of any joint venture. Both, the firm and joint venture shall stand disqualified in such case.</p>
<b>(c)</b>	Registered firm on registered on contractor's list and fir registered as its sister concern on registered on contractor's list, both simultaneously cannot bid the same work till the completion of 3 year of registration of sister concern as registered contractor.
<b>2.00</b>	<b><u>Qualification criteria :</u></b>
	<p><b>(a) <u>Annual Turn Over</u></b></p> <ol style="list-style-type: none"> <li>Annual turnover of any one of the last five financial year (<b>i.e.2021-22 to 2025-2026</b>) from current financial year, updated to the current financial year shall be more than an <b>Rs. 10.86 Crore(x)</b> For guidance of deriving x : This value shall be derived by dividing amount put to tender by the time limit expressed in year/s for the proposed work.</li> <li>For Arriving at updated value, turnover of any financial year shall be multiplied by the enhancement factor corresponding to the year. These enhancement factor shall be as given para 4 herein below.</li> <li>For Joint Venture, the lead Partner must have updated annual turnover not less than <b>Rs, - crores</b> (51% of x) and remaining of each partners must have updated annual turnover not less than <b>Rs. - Crores</b> (30% of x). The joint venture must collectively have updated annual turn over not less than <b>Rs.- Crores(x) (JOINT VENTURE NOT ALLOWED FOR THIS BID)</b></li> </ol> <p><b>(b) <u>Successful experience</u></b></p> <p>Bidder must have as prime Contractor or as nominated (approved by employer) subcontractor successful experience as follows:</p> <ol style="list-style-type: none"> <li>At least one similar work having updated completion cost not less than <b>Rs. 4.35 crores</b> (40% of the amount put to tender of the proposed work)</li> <li>Such work must have been completed within last five financial years i.e from <b>1-4-2021</b> till the date of bid for the proposed work.</li> <li>A work would qualify as similar work only if it meets with definition given in Appendix-A</li> <li>For updating completion cost of the work to the current financial year. Procedure narrated in 2(a) ii shall mutatis mutandis apply.</li> <li>Joint venture, qualifying threshold amount of updated completion cost would be <ol style="list-style-type: none"> <li>Lead member <b>Rs.- crore</b> (75% of amount mentuioned in b(i) i.e 30% of amount put to tender.)</li> <li>Each remaining member <b>Rs. - crores</b> (51% of amount mentioned in b(i) i.e 20.4% of amount put to tender)</li> </ol> <b>(JOINT VENTURE NOT ALLOWED FOR THIS BID)</b> </li> </ol>

	<p><b><u>(c) Bid Capacity</u></b></p> <p>i. The bidder must have Available Bid Capacity (ABC) more than the amount put to tender. <math>ABC = 2 * A * N - B</math> Where A is the maximum of updated total amount of works executed in any one year of the last five financial year. <b>From 2021-2022 to 2025-2026</b> N is the number of years prescribed for completion of the proposed work B is the amount of the existing commitments and ongoing works to be discharged during the time interval of N years from the bid due date. For the purpose of updating amount of works executed in any year, procedure narrated in para 2(a)ii shall mutatis mutandis apply. Existing commitments shall include all such works for which letters of acceptance of the tenders have been received by bidder till the date on which bidder has submitted his bid for the proposed work.</p>
	<p>ii. For Joint venture, each member's available bid capacity shall first be reduced in proportion to his proposed financial participation. Sum of reduced available bid capacity of all the members should be more than the amount put to tender. <b>(JOINT VENTURE NOT ALLOWED FOR THIS BID)</b></p>
<b>3.00</b>	<b><u>Other Requirements.</u></b>
<b>(a)</b>	<b><u>Bidder's registration</u></b>
	<p>i. Only those bidder shall bid whose names are borne on the approved list of registered contractor in the <b>"AA" Class, Special Category-I (Bridge)</b>.</p> <p>ii. The contractors, who are registered in appropriate category of C.P.W.D., M.E.S., Railways and Indian State Governments, can also bid provided the bidder produce such registration certificate at the time of bidding and obtain registration in required class &amp; category from the Gujarat State R&amp;BD /W.R.D. before issuing Work Order. Bidder will solely be responsible for obtaining the required registration.</p>
<b>(b)</b>	<b><u>Litigation history</u></b>
	<p>The applicant should provide accurate information on litigation and/or arbitration resulting from contracts completed or under execution by him over the last five years. A consistent history of arbitration awards/judgments against the applicant or any partner of a joint venture may result in disqualification for proposed work. If the details of Litigation History is hidden by the applicant and later on it comes to knowledge of the employer the bidder shall be disqualified for the proposed work and other appropriate actions shall be taken against the bidder.</p>
<b>(c)</b>	<b><u>Machinery /Equipment</u></b>
	<p>Bidder shall have to assure availability of machinery/equipment in working condition as per Appendix-B If bidder fails to provide proof of assured availability of required machinery, he will be disqualified for the proposed work. Machinery ownership documents or lease / hire agreement for the work under tender shall be considered as valid proof for assured availability.</p> <p>Site Laboratory: Contractor shall have to provide site laboratory along with Core cutting machinery at his own expenses to carry out field test. For this purpose a laboratory building measuring 25 sq. mt. shall be constructed by the contractor which shall have necessary facility of light, water etc.</p>
<b>(d)</b>	<b><u>Bidding in E-tendering.</u></b>
	<p>i. Submission of application must be through e-tendering i.e Electronic Form.</p> <p>ii. Bidder shall have to submit the bid in E-tendering form only.</p> <p>iii. Bids of those bidders who have submitted all information, statistical details as required in the bid documents through E-tendering will only be considered. If the employer desires any clarification, for verification/clarification, ambiguity or difference found in the documents/statistical details submitted online (by E-Tendering) by the bidder the same shall be furnished within stipulated time</p>

	otherwise further processing will be carried out in absence of a above and the bidders shall be liable for any consequence. iv. No bidder can participate in more than one bid for proposed work.																					
(e)	<b>Submission of documents.</b>																					
i.	Following documents/papers shall from part of the bid. <div><div>1. JV agreement (when bidder is JV) clearly indicating the name of lead partner and percentage financial participation of each partner. JV agreement must also demonstrate responsibility of each partner. The JV agreement should be so signed as to be legally binding to all partners, jointly and severally.</div><div>2. Annual turnover certificate issued by chartered accountant for last five financial year.</div><div>3. Form 3A issued by employer to substantiate successful experience of similar work. When employer of similar work is not a government, following need also to be furnished <div><div>a. Self attested copy of work order.</div><div>b. Self attested copy of agreement.</div><div>c. Self attested copy of completion certificate.</div><div>d. Self attested copy of Final bill</div><div>e. Self attested copy of TDS certificates.</div><div>f. Self attested copy of letter of permission give by employer for subletting the work.</div></div></div><div>4. Existing commitments and on going works as per schedule-E</div><div>5. Litigation/Arbitration history.</div><div>6. Poof of assured availability of required machinery/equipment.</div><div>7. An undertaking for truthfulness of information on furnished.</div></div>																					
ii.	Any information, data, statistics etc. which are not related to bid document will not be considered in evaluation even through furnished by the applicant.																					
iii.	In accordance with stipulation of Para 3 D(iii) Employer reserves the right to call any information/documents which is mandatory, essential and critical for the purpose of evaluation. Any information provided by the applicant after last date of Electronics submission will not be considered by in evaluation unless except the employer has specifically asked for any information/ documents, which is mandatory, essential and critical for evaluation of PQ documents. If required information is not furnished within stipulated time, proposal will be liable for rejection.																					
iv.	If any information provided by the bidder is found false during scrutiny or at the later stage, his EMB shall be forfeited and he shall be disqualified for the proposed work. In case when bidder has furnished exemption certificated in lieu of EMD, an amount equal to EMD shall be appropriated from his FDR pledged to avail of exemption certificate. If any of the information provided by the bidder is found false after award of work, the performance security of the bidder shall be forfeited and contract shall be terminated.																					
4.00	<b>Escalation Factors</b>																					
	Following enhancement factors will be applied to annual turnover and completion cost of work to bring them to the base year. The current financial year in which bid is invited shall be considered as the base year. <table><tr><td>Year</td><td>Financial year</td><td>Enhancement factor.</td></tr><tr><td>Base (year of Inviting tender)</td><td>2026-2027</td><td>1.00</td></tr><tr><td>-1</td><td>2025-2026</td><td>1.10</td></tr><tr><td>-2</td><td>2024-2025</td><td>1.21</td></tr><tr><td>-3</td><td>2023-2024</td><td>1.33</td></tr><tr><td>-4</td><td>2022-2023</td><td>1.46</td></tr><tr><td>-5</td><td>2021-2022</td><td>1.61</td></tr></table>	Year	Financial year	Enhancement factor.	Base (year of Inviting tender)	2026-2027	1.00	-1	2025-2026	1.10	-2	2024-2025	1.21	-3	2023-2024	1.33	-4	2022-2023	1.46	-5	2021-2022	1.61
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-4	2022-2023	1.46																				
-5	2021-2022	1.61																				

**5.00 PUBLIC SECTOR COMPANIES: -**

Majority public-owned enterprises may be eligible to qualify if, satisfy all the above requirements, they are also.

(a) Commercially – oriented legal-entities distinct from the Employer and are not a Govt.

(b) Financially autonomous as demonstrated by requirements in their constitutions to provide separate audited accounts and return on capital, powers to raise loans and obtain revenues through the sale of goods or devices and

(c) Managerial autonomous

**6.00** Sub-Contractor's experience and resources shall not be taken into account in determining the Applicant's qualifying criteria.

**7.00** The proposed methodology and program of construction including Environmental Management plan, backed with equipment planning and deployment, duly supported with broad calculations and quality control procedures proposed to be adopted, justifying their capability of execution and completion of the work as per technical specifications within the stipulated period of completion as per milestones.

**8.00 Qualification required for executing Agency :**

**Project Planning Capacity :-** The project will require detailed macro as well as micro level planning both - prior to and during execution of works. Planning will involve taking inputs, negotiating, forecasting phasing of works and constantly monitoring / reviewing and updating / revising the project time schedule. It will also involve synchronization of deployment of resources, equipment, cash flow management to ensure smooth and in time for execution of works.

**Management Capacity :-** The project will require sound and sensitive arrangement skills for housekeeping, safety, man power client relationship, consultants inputs. Therefore it is required that the contractor should have a strong management team.

**Financial Capacity :-** The project is large and there is much at stake with regard to size and nature of project viz: Fore sight, complexity, Size and Financial value. Therefore it is imperative that a large and financially sound contracting firm with adequate Plant and machinery and Human Resource be brought on board.

**Technical Capacity :-** The project will require expertise in various different fields. Complex and large scale infrastructural works, Extensive liaison works with multiple stakeholders associated with the project. High standard safety and immaculate housekeeping are the broad area where the firm should have concrete foundation. It is essential that the contracting firm can deploy team of experienced experts in various disciplines.

**Mode of Evaluation :-**

Based on the above proposed broad principles, the committee shall make an assessment and finalize its recommendations indicating the firm, which are considered suitable for pre-qualification purposes. The screening committee reserves the right to pre-qualify a firm who have applied or can pre-qualify them for a lesser amount based in its evaluation.

**10.00 FINANCIAL POSITION: -**

(1) The applicant should demonstrate that he has access to or has available, liquid assets, Unencumbered real assets, lines of credit and other financial means sufficient to meet the construction cash flow.

(2) The audited balance sheets for the last five years should be submitted and must demonstrate the soundness of the Applicant's financial position showing long term profitability. Where necessary the Employer will make inquires with the applicant's bankers.

**11.00** Even though the Applicants meet the above criteria, they are subject to be disqualified if they have.

(i) Made misleading or false representation in the form, statement and attachments submitted and / or

(ii) A record of poor performance such as abandoning the work, not properly completing the work, not properly completing the contract, delays in completion, litigation history, financial failure etc.

- 12.00** If the bid is submitted by a proprietary firm, it shall be signed by the proprietor above his full name of his firm with its current address.
- 13.00** If the bid is submitted by a firm in partnership, its shall be signed by all the partners of the firm above their full names and current address or by a partner holding the power of attorney of the firm by signing of the application in which case a certified copy of the partnership deed, current address of all the partners of the firm shall also accompany the application.
- 14.00** If the bid is submitted by a Limited Company or a Limited corporation, it shall be signed by a duly authorized person holding power of attorney for signing the application in which case a certified copy of the power of an attorney shall accompany the application. Such Limited Company or Corporation will be required to furnish satisfactory evidence of its existence before the contract is awarded.
- 15.00** **Joint Venture Not allowed.**
- 16.00** The information furnished must be sufficient to show that the Applicant is capable in all respects to successfully complete the envisaged contract works strictly on the basis of the applicant having already earlier carried out satisfactorily works of similar size, nature and complexity.
- 17.00** The qualified tenderers while submitting the tenders for the works may be required to provide satisfactory evidence in respect of the information furnished by them in their application for technical bid regarding their structure and organization, financial position / arrangements, resources of the firm including personnel and equipment, experience as well as work on hand etc. The applicant's attention is drawn to the fact that even after the technical bid of potential bidders has already been carried out, all tenders shall include a statement of the changes that may have occurred since technical bid with particular reference to the various items listed above and the further more contract work shall be awarded to the successful tenderer only on the basis of careful scrutiny of all the above information furnished by the applicant.
- 18.00** The Applicant is expected to have visited the project site before submitting technical bid.
- 19.00** While submitting the schedule duly filled in the Applicant shall enclose the latest copies of brochures and technical documentation giving more information about the firm and all the consortium.
- 20.00** The bid documents received by **Superintending Engineer, Rajkot Panchayat (R & B) Circle No. 2 Rajkot** shall be considered by a Evaluation committee as per Appendix-C
- 21.00** Committee shall ascertain whether the bids.
- (i) Meet the eligibility requirements.
  - (ii) Have been properly prepared and signed.
  - (iii) Contain all the details called for and are in proper format.
  - (iv) Are accompanied by required authorization, and
  - (v) Are other wise generally in order?
- 21.1** The committee shall evolve a suitable methodology before opening of Price Bid for making final assessment of the Suitability of the firms who have applied for qualification which also include the following.
- I** Strength and Organization
  - II** Financial Status of the firm including average annual turnover work on hand, financial arrangements, proposed viz own resource, Bank credit etc.
  - III** Resources of the firm including personnel and equipment.
  - IV** Experience of the firm for road and bridge project as applicable and other works as well as prompt completion for work and available bid capacity.

- 22.00** Based on the above broad principles, the committee shall make an assessment and finalize its recommendations indicating the firms which are considered suitable for qualification purpose. The Screening Committee reserves the right to qualify a firm.
- 23.00** The applicants are also required to furnish name of works for which there firm already been qualified for Major road works in the country from **01-04-2021** onwards. They should also indicate the number of works for which their firm have submitted tenders.
- 24.00** The firm who are unregistered and / or contractor registered elsewhere must get themselves registered in the **AA Class, Special cat. I (Bridge)**. with Government of Gujarat R&B Dept. before opening of the Price Bid if this is not done before opening of the price bid their tenders will not be considered.
- (i)** Employers reserves the right of accept any bid, and
- (ii)** Cancel the qualification process and reject all bids.
- The Employer shall neither be liable for any such actions nor be under any obligation to inform the applicant of the grounds for them. The Employer's decision shall be final and binding.
- 25.00** General information of the climate, hydrology, topography access to site, transportation and communication facilities medical facilities, project layouts, accepted construction period facilities and services provided by Employer is given under Sub head " Project Information " at the end.

## APPENDIX-A

Definition of Similar Work.			
1	Road Work		
	a.	<b>Strengthening / Resurfacing / Renewal work</b>	
		I	Any asphalt work done by paver such as AC / BC / DBM / BM / SDBC / IPMC / BUSG.
	b.	<b>Widening work.</b> <b>I. Widening up to 5.50m/7.0 m of carriageway.</b> — 1. Any work of widening of carriageway to minimum 5.50mt carriage way and should have items of WBM/WMM and paver laid asphalt work. — <b>OR</b> — 2. New road construction work (minimum carriageway width not less than 3.5m) involving items of WBM/WMM and paver laid asphalt work.	
		II	<b>Widening upto 10m of carriageway</b>
		1	Any work of widening of carriageway to 10 m. <b>OR</b>
		2	Any work of carriageway widening involving addition of carriageway by 3.0 m <b>OR</b>
		3	New road construction work (minimum carriageway width not less than 3.5 m) involving items of WBM/WMM and paver laid asphalt work.
	c.	<b>New Road/Four Laning / Six Laning</b>	
		1	New road construction work (minimum carriageway width not less than 3.5m) involving items of WBM/WMM and paver laid asphalt work. <b>OR</b>
		2	Any work of Widening of carriageway up to 10m involving items of WBM and WMM plus asphalt work done by paver <b>OR</b>
		3	Any road work of carriage way widening involving addition of carriage way not less tan 3.0M
		4	-
	NOTE: For prequalification cost of the involving road widening is to be considered. If there is a package of work/single work consisting combination of resurfacing, strengthening and widening of road, only cost of road widening carried out is to be considered for financial criteria. For example (1) if package consisting three road works in which one work is for strengthening, one work is for resurfacing and other work is widening of road than cost of widening work is only to be considered for criteria of successful experience (20 if any single work consisting road works in which strengthening, resurfacing and widening of road than cost of widening work is only to be considered for criteria of successful experience.		
2	Bridge Works		
		i.	Any bridge work having completion cost more than 40% of the amount put to tender and
		ii.	Bidder shall have experience during last 10 financial years of executing bridge/s involving similar type of foundation and superstructure.



3	<b>BUILDING WORKS</b>	
	a.	Building having frame structure/composite structure: Upto G+3 storey <del>i. Bidder shall have experience for the construction of any building having frame / composite structure.</del>
	b.	Building having frame structure/composite structure: Upto G+5 storey <del>i. Bidder shall have experience for the construction of any building having frame / composite structure of G+2 storey and above</del>
	i.	Building having frame structure/composite structure: more than G+5 storey <del>i. Bidder shall have experience for the construction of any building having frame / composite structure of G+4 storey and above</del>
	i.	Building having load bearing structure. <del>i. Bidder shall have experience for the construction of any building having load bearing structure.</del>
NOTE: Construction of water tank, lift well, staircase cabin will not be considered as storey.		
3	Any works which does not fall in above categories definition of nature of similar work shall be approved from component authority.	

## **APPENDIX-B**

Indicative List of minimum plant and Equipment to be Deployed on Contract work.

Sr No	Type of Equipment	Amount put to tender (Rs. In crore.)			
		Upto Rs. 10	Rs. 10-20	Rs. 20-50	Rs. 50-100
1	Tipper ,Trucks	6	10	15	20
2	Motor grader.	1	2	3	4
3	Dozer	1	1	1	2
4	Front end Loader	2	2	2	4
5	Smooth Wheel Roller	2	2	3	4
6	Vibratory Roller	2	2	2	3
7	Hot mix plant with Electronic Controls (Minimum 60-70)	1	1	1	1
A	Continuous batch Mix Plant (Min 120TPH)	0	1	1	2
8	Paver Finisher with Electronic Sensor	1	1	1	2
9	Water Tanker	2	3	4	5
10	Bitumen Sprayer.	1	1	1	2
11	Tandom roller	1	1	1	1
12	Concrete Mixer with integral Wight batching facility	2	2	2	2
13	Concrete batching* mixing plant (Minimum Capacity 15 M <sup>3</sup> /Hour	0	1	1	1
14	Concrete paver capable of paving 7.5 meter width extensible to 10m. in one single pass including all accessories. Such as automatic dowel bar insertor integral vibratory system and electronic sensor ancillary equipment for applying curing compound, joint cutting etc.	1	1	1	1
15	Concrete bathing & Mixing plant with automatic control (Minimum Capacity-100 cum/hour)	0	0	0	1
		23	31	39	55

NOTE : Above indicative list of minimum machinery shall be modified in accordance with requirement of work on case to case basis.

\*The minimum requirement of plants and Equipment specified in Appendix-B at sr.7-A and 8 will be considered for those works at the time of prequalification in which estimated amount of Asphalt work to be done by paver is of Rs.10/- crore or more, instead of amount put to tender of those work.

The requirement of sensor paver in which Blade can be extended upto 10.00 Mtr. Width will be considered for the works of widening and strengthening/strengthening of road having existing 7.0 mtr. Or more width of asphalt surface and for those works only in which the value of asphalt work to be done by sensor paver is of Rs.10/- crore or more, instead of amount put to tender of those works.

## **APPENDIX-C**

### **Evaluation Committees :**

	Road		Bridge/Building	
	Above Rs. 7.50 crores and upto Rs. 12 Crores.	Above Rs. 12.00 Crores	Above Rs. 7 crores and upto Rs. 10 Crores.	Above Rs. 10 Crores
Committee	A	B	A	B

Committee A must comprise total 4 members as below.

1. Concern Superintending Engineer
2. Other Superintending Engineer (same head quarter preferable)
3. Concern executive Engineer
4. Concern Divisional Accountant.

Committee B must comprise total 4 members as below

1. Concern Chief Engineer, Chairman
2. Other Chief Engineer, member
3. Concern Superintending Engineer
4. Financial Advisor

LETTER OF APPLICATION  
QUALIFICATION APPLICATION

**FORM OF BID**

NAME OF WORK: -

\_\_\_\_\_

\_\_\_\_\_

To,  
The Superintending Engineer,  
Panchayat (R&B) Circle No. 2,  
Mangrole House, Opp.Gaisford Cenema  
Rajkot- 360001.

1. We offer to execute the Works described above and remedy any defects therein in conformity with the conditions of Contract, specification, drawings, Bill of Quantities and Addenda for the sum (s) of

\_\_\_\_\_

\_\_\_\_\_

(-----)

2. We undertake, if our Bid is accepted, to commence the Works as soon as is reasonably possible after the receipt of the Engineer's notice to commence, and to complete the whole of the Works in the Contact within the time stated in the document.
3. We agree to abide by this Bid for the period of 120 Days from the date fixed for receiving the same, and it shall remain binding upon it and may be accepted at any time before the expiration of that period.
4. Unless and until a formal Agreement is prepared and executed this Bid, together with your written acceptance thereof, shall constitute a binding contract between us.
5. We understand that you are not bound to accept the lowest or any tender you may receive.

Dated this ----- day of -----20

Signature ----- in the capacity of ----- duly  
authorized to sign bids for and on behalf of -----

\_\_\_\_\_  
(in block capitals or typed)

Address

---

---

Witness

---

---

Address

---

---

Occupation

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## QUALIFICATION INFORMATION

The information to be filled in by the Bidder in the following pages will be used for the purpose of post qualification as provided for in Clause 4 of the Instruction to Bidders. This information will not be incorporated in the Contract.

### 1. For Individual Bidders

#### 1.1 Constitution or legal status of Bidder

(Attach Copy)

Place of registration \_\_\_\_\_

Principal place of business \_\_\_\_\_

Power of attorney of signatory of Bid

(Attach)

1.2 Total value of Civil engineering constructions [2021-2022](#)  
[Work performed in the last five years](#) [2022-2023](#)  
[\(in Rs. Lakhs\)](#) [2023-2024](#)  
[2024-2025](#)  
[2025-2026](#)

1.3.1 Work performed as prime contractor, work performed in the past as a nominated sub-contractor will also be considered the sub-contract involved execution of all main items of work described in the bid documents, provided further that all other qualification criteria are satisfied (in the same name) on works of a similar nature over the last five years\*\* and in current year before the submission of the bid.

Project Name	Name of the Employer	Description of work	Contract No.	Value of contract (Rs. Crore)	Date of issue of work order	Stipulated period of completion	Actual date of completion*	Remark explaining reasons for delay & work Completed

\*Attach certificate(s) from the Engineer(s)in-charge

\*\* Immediately preceding the financial year in which bids are received.

#1.3.2 Quantities of work executed as prime contractor, work performed, in the past as a nominated sub-contractor, will also be considered provided the sub-contract involved execution of all main items of work described in the bid document, provided, further that all other qualification criteria are called (in the same name and style) in the last five years\*\* and in current year before the submission of the bid.

ear	Name of the work	Name of the Employer	Quantity of work performed (Cum/MT)				Remarks* (indicate contract Ref)
			Cement Concrete (Including RCC & PCC)	Masonry	Earth Works	Bituminous Work	
2021-22							
2022-23							
2023-24							
2024-25							
2025-26							

1.4 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.

(A) Existing commitments and on-going works:

Description of works	Place & State	Contract No.	Name & Address of Employer	Value Contract (Rs. Cr)	Stipulated Period of Completion	Value of Works* remaining to be completed (Rs. Cr)	Anticipated of completion
1	2	3	4	5	6	7	8

\*Attach certificate (s) from the Engineer(s) in-charge

\*\* Immediately preceding the financial year in which bids are received.

1.5 Availability of key items of Contractors Equipment for carrying out the works (Ref. Clause 4.5.5). The Bidder should list all the information requested below.

Item of Equipment	Requirement		Availability Proposals			Remarks (from whom to be purchased)
	NO	Capacity	Owned / Leased to be procur ed	Nos/. Capacity	Age/ Conditions	
Tipper Trucks	10	-				
Motor Grader	2	-				
Dozer	1	-				
Front end Loader	2	-				
Smooth Wheel Roller	2	-				
Vibratory Roller	2	-				
Water Tanker	3	-				
Tandem Roller	1	-				
Concrete Mixer with integral Wight batching facility	2	-				
Automatic Concrete batching Mixing plant (Minimum 15cum /hours)	1	-				
Transit Truck mixer	2	-				
Concrete pump	1	-				
Generator	1	-				
Screed Vibrator	1	-				
Needle Vibrator	3	-				
Concrete Joint Cutter	1	-				
Trimix Assembly	1	-				

- 1.6 Qualifications and experience of key personnel required for administration and execution of the contract. Attach biographical data. Refer also to Sub Clause 9.1 of the Conditions of Contract.

Position	Name	Qualification	Year of Experience (General)	Year of experience in the proposed position
Project Manager	1	BE Civil	10 Year Exp.	5 years on Road construction
Structure Engineer	1	M.E Structure	10 Year Exp.	5 years on Road construction
Site Engineer	1	BE Civil	10 Year Exp.	5 years on Road construction
Quantity Surveyor	1	Diploma Civil	10 Years Exp.	5 years on Road construction
Material & Quality Control Engineer	1	Diploma Civil	10 Years Exp.	5 years on Road construction
Survey Engineer	1	Diploma Civil	10 Years Exp.	5 years on Road construction

- 1.7 Proposed sub-contract and firms involved

Sections of the works	Value of Sub-Contractor	Sub-Contractor (Name & Address)	Experience in similar work

Attach copies of certificates on possession of valid license for executing watersupply/ sanitary work/ building electrification works.

- 1.8 Financial reports for the last five years: balance sheets, profit and loss statements, auditors' reports (in case of companies/corporations), etc. List them below and attach copies.
- 1.9 Evidence of access to financial resources to meet the qualification requirements: cash in hand, lines of credit, etc. List them below and attach copied documents.
- 1.10 Name, address, and telephone, telex, and fax numbers of the Bidders bankers who may provide references if contacted by the Employer.
- 1.11 Information on Litigation history in which the Bidder is involved.

Other Party (ies)	Employer	Cause of Dispute	Amount Involved	Remarks showing Present Status
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- 1.12. Statement of compliance under the requirements of Sub Clause 3.2 of the instruction to Bidders. (Name of Consultant engaged for project preparations is \* ..... )

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- 1.13 Proposed work method and schedule. The Bidder should attach descriptions, drawings and charts as necessary to comply with the requirements of the Bidding documents. (Refer ITB Clause 4.1)

- 1.14 Programme

## **2. Deleted**

## **3. Additional Requirements**

- 3.1 Bidders should provide any additional information required to fulfill the requirements of Clause 4 of the Instructions to the Bidders, if applicable.

- (i) Affidavit
- (ii) Undertaking

\* Fill the name of Consultant

**SAMPLE FORMAT FOR EVIDENCE OF ACCESS  
TO ORAVAILABILITY OF CREDIT FACILITIES**

(CLAUSE 4.5.6 OF TB)BANK CERTIFICATE

This is to certify that M/s.\_\_\_\_\_is a reputed company  
with a good financial standing.

If the contract for the work, namely\_\_\_\_\_is awarded to the  
above firm, we shall be able to provide overdraft/credit facilities to the extent of

Rs.\_\_\_\_\_to meet their working capital requirements for executing the above  
during the contract period.

\_\_\_\_\_

(Signature)

Name of Bank

Senior Bank Manager

Address of the Bank

## AFFIDAVIT

1. I, the undersigned, do hereby certify that all the statements made in the required attachments are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s. \_\_\_\_\_ have not abandoned any work of Government of Gujarat/Government of India/any Board or Corporation under Government of Gujarat/Government of India nor any contract awarded to us for such works have been rescinded, during last five years prior to the date of this bid.
3. The undersigned hereby authorize(s) and request (s) any bank, person, firm or corporation to furnish pertinent information deemed necessary and requested by the Department to verify this statement or regarding any (our) competence and general reputation.
4. The Undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the Department/ Project implementing agency.

\_\_\_\_\_  
(Signed by an Authorized Officer of the Firm)

Title of Officer

Name of Firm

Date

## UNDERTAKING

I, the undersigned do hereby undertake that our  
..... firmM/s would invest a  
minimum cash up to 25% of the value of the work during implementation of the contract.

---

(Signed by an Authorized officer of the firm)

---

Title of officer

---

Name of firm

---

DATE

<b>PROJECT INFORMATION</b>		
<b>CLIMATE:</b>		
<b>(a)</b>	<b>TEMPERATURE</b>	
	<p>The project road lies in the State of Gujarat. This state is situated in western part of Indian and has semi arid climate Ref. Index. Map. Large part of the state lies between 35<sup>0</sup> C and isotherms. May is the hottest month and January the coldest. The isotherm generally run east west and the temperature increase steadily as one moves southwards.</p>	
<b>(b)</b>	<b>RAIN FALL</b>	
	<p>Gujarat receives most of its rainfall form the south-west monsoon between June and September with maximum intensity in July and August. The monsoon arrives earlier in the south and east and last longer than in the northwest. Hence the rainfall intensity ranges from over 2400 mm in the southwest to less than 250 mm in the extreme west. Some depressions and cyclones in the Arabian Sea which move across the coastal area sometimes bring rains and strong winds in the months of April to June and October to November.</p>	
	<p>The State can be divided into four different rainfall Zones:</p>	
(i)	<p>Areas with more than 1000 mm rainfall include the districts of Valsad, Dangs, Surat and the eastern parts of Bharuch with Rajpipla Hills.</p>	
(ii)	<p>Areas receiving rainfall between 800 mm and 1000 mm include Panchmahals, Vadodara, Amreli, Kheda and part of Rajkot.</p>	
(iii)	<p>Areas having rainfall between 400 mm and 800 mm include Saurashtra and areas north of Rajkot.</p>	
(iv)	<p>Areas receiving less than 400 mm rainfall include Kachch Banaskantha and Coastal Jamnagar.</p>	
<b>(c)</b>	<b>HUMIDITY:</b>	
	<p>The relative humidity in all parts of the State, with the exception of the coastal areas is low in the summer the relative humidity varies from 75 and 80 percent in winter from 40 to 50 percent. The coastal areas, on the other hand, have moderately high humidity all the year round with a maximum in the summer months reaching as high as high as 90 percent.</p>	
<b>(d)</b>	<b>HYDROLOGY:</b>	
	<p>Narmada river is the major river (perennial) in the south of the state which serves as the main water source for drainage – Narmada river, river discharge in to Gulf of Khambhat.</p>	
<b>(e)</b>	<b>TOPOGRAPHY:</b>	
	<p>Gujarat is located in western side of the India and bounded by the State of Rajasthan in the north, Madhya Pradesh in east and Maharashtra in south. It has also an international border with Pakistan on its north for length of about 360 km. The state of Gujarat covers a total area of 195,904 sq. km. and is situated between 20°06" to 24°42". North latitude and 68 10" to 74 24" East longitude. The state has the longest coastline in the country measuring about</p>	

	1600 km along western part of India, extending from Lakhpat in North to Damam in the south.
	The state is divided into five major physiographic divisions.
(i)	The Alluvial Plains extend in North Gujarat to Bulsar in the south, and westward to the little Rann and Banni area of Kachchh.
(ii)	The Eastern hilly tract lies between the altitude of 300 –1400 m and forms a major divide.
(iii)	Uplands of Kachchh and Saurashtra consist of sandstone shale and basalt rock with elevations of about 150-500 m sloping radically towards the coast. The Girnar hill forest is at an elevation 1117 m.
(iv)	The Eastern hilly tract lies between the altitude of 300 –14000 m and forms a major divide.
(v)	The low-laying coastal tract ranges in elevation from 3-25 m surrounding the Kachchh and Saurashtra uplands. These low laying areas extend from Rann of Kachchh to little Rann of Kachchh and to the low laying delta region of Bhadar, Bhoqavo, Mahl, Dhadar. Narmada and Tapi rivers.
(vi)	The Marshy to saline desert of Rann of Kachchh and little Rann of Kachchh extend into the saline Tracts around the Gulf of Cambay. This vast fields of salt mixed with clay is devoid of any vegetation or habitation. The general elevation of this tract varies between 3 To 10 Mtr.
<b>(f)</b>	<b>ACCESS TO SITE:</b>
	<p>Gandhinagar the state capital is about 950 km. away from the National capital (New Delhi).The state is accessible by road, rail and air from the National capital as well as from other metropolitan cities of the country. The main arterial highway traversing through this state is NH-8 linking Delhi to Mumbai.</p> <p>It is near important towns of Rajkot and Porbadnar <b>Construction New Structure of Amreli District Package No.RPC-2/AMR/MMGSY/Normal/2025-26/P.05 Ta.Savarkundla, Dist.; Amreli.</b> is Connected <u>                    </u> Index map at the end illustrates the accesses to various contacts by road rail and air. This index map also shows the important towns of Gujarat.</p>
<b>(g)</b>	<b>ROAD TRANSPORT FACILITY:</b>
	Passenger Road Transport in the state is mainly provided by Gujarat State Transport Corporation, a State Government undertaking Goods transport operation is with the private sector.
<b>(h)</b>	<b>COMMUNICATION FACILITIES:</b>
	The communication facilities in the State consist of post, telegraph, telex and fax. These facilities are provided by the Post and Telegraph Department of Government of India. Besides private sector operated courier, fax and other similar services, Government facilities also exists in all important cities of the state.
<b>(i)</b>	<b>MEDICAL FACILITY:</b>

	All the important cities have full fledged Government medical Hospitals besides private clinics and nursing homes etc.
<b>(j)</b>	<b>PROJECT LAYOUT:</b>
	Project layout for the contracts is given in the Index Map.
<b>(k)</b>	<b>EXPECTED CONSTRUCTION PERIOD:</b>
	Expected construction period from contracts is <b>12 (Twelve) months</b> from the date of award.
<b>(l)</b>	<b>FACILITY AND SERVICES PROVIDED BY THE EMPLOYER:</b>
	Free access to the work sites will be assured by the Employer for expected Agencies.
<b>(m)</b>	<b>OTHER RELEVANT INFORMATION:</b>
1.	Soil Characteristics
	The Soils of Gujarat state can be classified into Black Cotton Soils. Alluvial Soils, Saline Alkaline Soils and desert Soils.
	<p>a) Black Soils : The black soils are either medium black or deep black.</p> <p>i) Medium Black Soil :- Medium black soils are found in Saurashtra, some parts of Sabarkantha and Panchmahal district, South – west of Rajkot and parts of Vadodara and Kachchh district. This soil type is not so deep. Soil textures clay loam to clayey.</p> <p>.ii) Deep Black Soil. The deep black soils are found in the district of Vadodara, Bharuch, Amreli, Surat and Valsad, Soil depth varies from less than one meter to as deep as six meters. These soils have very heavy clay content. Montmorilloniteper domination.</p> <p>.b) Alluvial Soils : These soils in Gujarat are formed due to silting by Indus river system. These soils occur through Banaskantha district and the greater part of Mehsana and Sabarkantha. Rajkot, Kheda district, Further more alluvial soils also occur in the northern part of Vadodara and Jambusar and eastern part of Surat and Valsad district.</p> <p>.c) Saline – Alkaline Soils: These soils are found in " Bhal Tract " of Porbadnar, Rajkot, and Kheda district and also in southern part of state along the sea coast except in Bharuch, Surat and Valsad district. Saline soil is also found in portions Kachchh. Mehsana and Banaskantha district due to less rain – fall and high evaporation.</p> <p>.d) Desert Soils : These are mainly found in Rann of Kachchh (Northern and north – eastern parts).</p> <p>.e) Earthquake Zone : The District of Kachchh comes under the Zone-5 of the earth quake where as districts of Sarasota comes under Zone-3 &amp; Zone-4. The part of Bharuch district comes under Zone-4 where as other district of Gujarat comes under Zone-3. Since the district of Kachchh and some district of Saurashtra, part of Bharuch district comes under Earth quake Zones of moderate intensity, necessary precautions are to be taken for the construction works.</p>

# **TECHNICAL SPECIFICATIONS**

## **1.0 PREAMBLE**

- 1.1 The Technical Specifications contained herein shall be read in conjunction with the other Bidding Documents as specified in this Volume.

## **1.2 Site Information:**

- 1.2.1 The information given here under and provided elsewhere is given in good faith by the Employer but the Contractor shall satisfy himself regarding all aspects of site conditions and no claim will be entertained on the plea that the information supplied by the Employer is erroneous or insufficient.

## **2.0 GENERAL REQUIREMENTS**

The technical specifications in accordance with which the entire work described herein after shall be constructed and completed by the Contractor shall comprise of the: ***“SPECIFICATION”***

- 2.1 Though ***“SPECIFICATION”*** for each item are attached with tender they are based on following:

- (1) “SPECIFICATONS FOR ROAD AND BRIDGE WORKS” (Fourth REVISION printed in year 2001) issued by the Ministry of Road Transport & Highways (MORT&H), Government of India and Published by the Indian Roads Congress, hereinafter to as MORT&H Specifications.
- (2) The General Technical Specifications for Road Works
- (3) The General Technical Specifications for Bridge Works
- (4) The General Technical Specifications for Asphalt Works
- (5) The General Technical Specifications for Building Works

Note (2) To (5) are Conventional Specifications Booklets usually attached for (R&B) Works.

- 2.2 If, a particular clause (which is incorporated in ***“SPECIFICATION”***) of specification booklets (1) To (5) above is Amended / Modified / Added upon then the Amendment / Modification / Addition shall supersede the relevant clause incorporated in ***“SPECIFICATION”***

- 2.3 In so far as Amended/Modified/Added Clause may come in conflict or be inconsistent with any of the provisions of the MORT&H Specifications under reference, the Amended/Modified/Added Clause and the additional specifications shall always prevail.

- 2.4 In the absence of any definite provisions on any particular issue in the aforesaid Specifications, reference may be made to the latest codes and specification, of IRC and BIS in that order. Where even these are silent, the construction and completion of the works shall conform to sound engineering practice as approved by the ‘Engineer’ and, in case of any dispute arising out of the interpretation of the above, the decision of the ‘Engineer’ shall be final and binding on the Contractor.