



सत्यमेव जयते

GOVERNMENT OF GUJARAT
Roads And Building Department
Porbandar R. & B. (P) Division
Porbandar

Name of Work :- Emergency Road Work on Various Roads Under Porbandar (R & B) Division (Construction of New Cross Drainage Work, Repairing of Cross Drainage , Structure Work, Labour & Machinery Work, Construction of New Bridge Work & Other Misc. Work)

PRE – QUALIFICATION DOCUMENTS

DRAFT TENDER PAPERS

Issued to :- _____

Date :- _____

EXECUTIVE ENGINEER
R. & B. (P) DIVISION
PORBANDAR.

ROAD & BUILDING DEPARTMENT

- 1) **Name of Project :**
- 2) **Name of Work :** **Emergency Road Work on Various Roads Under Porbandar (R & B) Division (Construction of New Cross Drainage Work, Repairing of Cross Drainage , Structure Work, Labour & Machinery Work, Construction of New Bridge Work & Other Misc. Work)**
- 3) **Tender Dates :**
 - Bid document Downloading period from : Dt.
 - Pre Bid Meeting (If necessary) : Dt. -06-24 at 12:00 hrs
 - Vanue : Superintending Engineer,
(R&B) Circle-2,Rajkot
 - Last date & time of online submission of tender : Dt. -06-25 upto 18:00 hrs

MEMORANDUM OF WORKS IN BRIEF

- (1) **Estimate Cost :** **Rs.. 16,12,07,909.46**
- (2) **Earnest Money :** **Rs. 16,13,000.00**
- (3) **Validity period of tender offered :** 120 days after the deadline date
forbid submission
- (4) **Security Deposit:**
Please Refer Govt. of Gujarat R&B Deptt. Gandhinagar's resolution No. PARACH/102022/775/C Dt. 05/07/2022, Dt.14/09/2023 & 04/01/2025 and implement the same given guidelines for all sanctioned DTP & forth coming DTPs (For Perf. Bond & Sec. Deposit)
 - (i) In the form of small savings or Narmada Bonds as per SDB
(or minimum one year time limit) /
Performance bond of Schedule Bank
 - (ii) To be deducted from bills As Per SDB
- (5) **Time Limit of the Tender....** **12 (Twelve) MONTH**
- (6) **Other Details**
 - (i) Mode of quoting rates in Schedule of Items to be carried out In figures as well as in words
Item Rate to be quoted for each Item.
 - (ii) Tender Inviting Authority Executive Engineer
(R&B) Division, Porbandar
 - (iii) Tender Opening Authority Superintending Engineer
(R&B) Circle-2, Rajkot

Signature of Contractor :

Signature of Executive Engineer

1.0 Introduction :-

Bids from contractors for qualification are invited for a project of **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR.** From AA and Special Cat. – I (Bridge) Contractors.

The details of contract sub-section together with its estimated costs are given in Para 4.0 General contractors, backed-up specialists, joint venture or 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 is **AA Class & Special Category-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 is **AA Class & Special Category-I Bridge** 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 (R&B) Circle No.2, 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. Joint venture shall not be allowed.

2.0 EMPLOYER :-

**Road & Building Department,
Block No 14/2, New Sachivalay,
Gandhinagar.**

3.0 ENGINEER – IN – CHARGE :-

**Executive Engineer, R & B Division,
Near Vasanji School, Opp. Ram Mander,
Porbandar. Tel. No.(0286) 2240948,2242547**

4.0 NAME OF WORK : CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR

Proposed Work : **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR**

Estimated cost : Rs. 16,12,07,909.46

5.0 LOCATION OF WORK AND SITE INFORMATION :

The Site is in Porbandar District, the work is to be carried out on **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR.**

6.0 SCOPE OF WORK : CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR

1.0 M.S.S.

7.0 PROGRAMME OF WORK :-

E-Tender:

The Pre-qualification process is common.

The Pre-Qualification tender document will be opened by Superintending Engineer and submitted to the Screening Committee. The Screening Committee will be final authority in this regard. The committee decision will be conveyed to the Superintending Engineer. Those bidders who are prequalified shall be informed by R.P.A.D / Post / email / Fax. All bidders have to pay Rs.18,000/- towards the cost of document. The price bid of these bidders who will qualify in pre-qualification shall be open on date and time notified them. And the same will be opened online by the concern Superintending Engineer at their circle office in the present of the prequalified bidders or their authorised representative.

The Price-Bid shall be opened on date and time notify to them. And the same will be opened by the concerned Superintending Engineer, at their circle office in the presence of Pre-Qualified Bidders or their authorised representatives.

- i. Submission of application must be through-e- tendering i.e Electronic form
- ii. Bidders shall have to submit the bid in E-Tendering form only.
- 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 otherwise further processing will be carried out in absence of above and the bidders shall be liable for any consequence. iv. No bidder can participate in more than one bid for proposed work

Tender Size	Call of Tender	Award of Contract	Time Limit
Rs. 16,12,07,909.46	Submission of Two bid	Validity provide of Tender offer is 120 days after the deadline date forbid submission	12 (TWELVE) Months from the date issue of start the work

2.0 CONDITIONS OF CONTRACT :-

Conditions of contract will be as per standard Documents B-2 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 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 :-

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

9.2 One firm can be pre qualified only once in its own name.

9.3 Pre qualification Questionnaire completed in all respect should be submitted by online on <https://www.nprocure.com> not later than the IST 12:00 hours on Date: /08/2022 to the Superintending Engineer, R & B Circle-2, Dr. Rajkot - 360 001., Gujarat (India) in the manner mentioned below

9.1 A The principal items covered in the contract are as under :

1. Work of **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR**

2. M.S.S.

9.1 B Free maintenance guarantee for a period of Four Years after completion.

9.2 One firm can be qualified only once either in its own name or as private limited or as public limited. **Joint venture is not allowed.**

9.3 The Contract will be item 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
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 : **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR**

(2) “Price Bid for the work of : **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR**

These to bids should be separate bid offer super scrubbing as “Documents of the work of Widening & Improvement of **CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR.** The name & mailing address of the applicants shall be clearly marked on the bid.

9.4.1 SUBMISSION OF BIDS :-

Earnest money deposit Rs. 16.13 Lacs (SIXTEEN LACS THIRTEEN THOUSAND ONLY) in form of fixed deposit / Demand draft with a validity period of not less than 12 [TWELVE] months issued by the Nationalized or Scheduled bank having five years standing OR certified copies of EMD exemption certificate for unlimited amount of work must accompany the prequalification bid only. The prequalification bid not accompanied with the requisite Earnest Money Deposit as above shall be outright rejected.

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 downloaded 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, Roads And building Division, Porbandar During scheduled date and time fixed for the purpose.

(a) Current Registration Certificate Special Category – I (Bridge) & equivalent with Roads And Building Department of Government of Gujarat

(b) Solvency Certificate for the current calendar year from a Nationalized Bank / Schedule Bank along with Sarder Sarovar Narmada Nigam's Bonds or SSNNL FDRs for at least 20% value of Bank Solvency issued on or after 01/01/2022, 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) List of work on hand

(d) Partnership deed.

(e) Latest Certificates of S.E. Mechanical for updated Drum mix plant and list of machineries owned by the contractor, EMD exemption certificate [if applicable] / FDR / DD of 10.93 Lacs.

(f) Valid power of attorney.

(i) Following documents/papers shall form part of the bid.

1. Annual turnover certificates issued by chartered accountant for last five financial years.

2. 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

- a. Self attested copy of Work Order
- b. Self attested copy of agreement
- c. Self attested copy of Completion certificate
- d. Self attested copy of Final Bill
- e. Self attested copy of TDS certificates

f. Self attested copy of letter of permission given by employer for subletting the work

3. Existing commitments and ongoing works as per schedule-E
4. Litigation/Arbitration history
5. Proof of assured availability of required Machinery /equipment
6. An undertaking for truthfulness of information furnished

ii. Any information, data, statistics etc. which are not related to bid document will not be considered in evaluation even though furnished by the applicant.

iii. In accordance with stipulation of Para 3 D(iii) or (7- E-tendering iii) Employer reserves the right to call any information / document which is mandatory, essential and critical for the purpose of evaluation. Any information provided by the applicant after last date of Electronic submission will not be considered in evaluation, unless except the employer has specifically asked for any information / document, which is mandatory, essential and critical for evaluation of PQ document. If required information is not furnished within stipulated time, proposal will be liable for rejection.

iv. If any of the information provided by the bidder is found false during scrutiny or at the later stage, his EMD shall be forfeited and he shall be disqualified for the proposed work. In case when bidder has furnished exemption certificate 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 the contract shall be terminated

9.7 LANGUAGE TO BE USED :-

The language for submission of bid should be in English.

9.8 OPENING OF BID :-

(A) The incomplete Bid without proper schedules will be rejected.

(B) The “Technical and Pre Qualification Bid” will be opened probably on date /08/2022 at 12:00 Hours (and if not possible then on the next working day) in the office of the Superintending Engineer, R & B Circle-1, Jamnagar and will be submitted to screening committee (R&B) Department, Sachivalaya Gandhinagar for scrutiny.

9.9 The enclosed schedules should be filled in completely and all questions should be answered, if any particular query is not relevant it should be stated as “NOT APPLICABLE”.

9.10 In no circumstances withdrawal is granted after opening of prequalification, the offer will be valid up to 120 days from the date of opening of technical bid and during the period. It will be not permitted to withdraw the offer in any case.

9.11 Financial data, project costs, value of works etc. should be given in Indian rupees only.

9.12 For any clarification, the Engineer-in-charge i.e. Executive Engineer, Road & Building Division, PORBANDAR. to be contacted by having appointment on working day.

9.13 Prequalification bid and blank tender forms will be issued to the contractors registered in "Class-AA and Special category I (Bridge)" in the state of Gujarat or equivalent class in other State or C.P.W.D. etc. The Price bid will be opened only of those contractors who are pre-qualified.

9.14 If the application is made by a proprietary firm, it shall be signed by the proprietor above his full name and the full name of his firm with its current address.

9.15 If the application is made by a firm in partnership, it shall be signed by all the partners of the firm, above their full names and current addresses 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 power of attorney shall accompany the application. A certified copy of the partnership deed, current address of the firm and the full names, and current address of all the partners of the firm shall also accompany the application. Joint ventures are permitted.

9.16 If the application is made by limited company or a limited corporation, it shall be signed by a duly authorised person holding the power of attorney for signing the application in which case, a certified copy of the power of 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.

9.17 The information furnished must be sufficient to show that the applicant (along with the all parties) is a capable in all respects to successfully complete the envisaged contract works strictly on the basis of the applicant, (along with all parties) having already carried out satisfactorily works of similar size nature and complexity.

9.18 The bidders while submitting the tender for the works shall be required to provide satisfactory evidence in respect of the information furnished by them in their application for prequalification regarding their structure and organisation, financial position/arrangement, resources of the firm including personal and equipment, experience as well as works on hand etc. The applicants attention is explicitly drawn to the fact that, even after the prequalification of potential bidders has already carried out, all bidders shall include statement of the change that may have occurred since prequalification with particular reference to the various items listed above and that further more contract work shall be awarded to successful tenderer only on the basis of careful scrutiny of all the above information furnished by the applicant.

9.19 The applicant is expected to have visited the project site before submitting pre-qualification bid and tender documents. No cost for any clarification or visit to site etc. will be reimbursed by the employer.

9.20 While submitting the schedule duly filled in the applicant shall enclose the latest copies of brochures and prequalification documentation giving more information about the firm and all the members.

LITIGATION HISTORY: -

The Applicant should provide accurate information on any litigation or arbitration resulting from contract completed or under execution by him over the last five years. A consistent history of awards against the Applicant any partner of joint venture may result in failure of the applicants.(or disqualification for proposed work)

Even though the Applicants meet the above criteria, they are subject to be disqualified if they have made misleading or false representation in the form, statement and attachments submitted and / or 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. 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.

9.21 The prequalification documents received from the Superintending Engineer, R & B Circle No. 2, Rajkot shall be considered by a screening committee consisting of the following.

PREQUALIFICATION FOR BIDDERS

(A) PREREQUISITES :

Prequalification shall be adopted when the amount of work put to tender exceeds as follows or as approved by the government in specific cases.

Road / Bridge / ~~Building~~ work

Above Rs. 10.00 Crores

(B) SYSTEM :

The process of evaluation shall be undertaken as mentioned in the Resolution case of Road / Bridge / ~~Building~~ works. In case of electrical works, the system shall be got prior approval from the authority competent to accept the tender. General precedence and Guidelines of Vigilance Commission of Tender Fee, EMD, Power of Attorney, Certificate of Registrar of company or Registrar of Firm, required Category of Registration as applicable,) before opening of price bid is also required to be followed.

(C) EVALUATION APPROVAL:

When number of pre-qualified bidders are less than 2/3 of the total bidders, list of qualified bidders shall be got approved from concerned CE when evaluation is done by committee of Superintending Engineers and Secretary (PS / ACS) when evaluation is do by committee of Chief Engineer.

PREQUALIFICATION CRITERIA FOR THE CONSTRUCTION WORK OF BRIDGE

(1) ELIGIBILITY :

- (a) For works having amount put to tender less than Rs. 50 Crores.
 - I Bidder can be a firm having valid registration as per para(3) a herein below.
- (b) For works having amount put to tender equal to or more then Rs. 50 crores.
 - i. As per (a) I above
 - OR
 - ii. Bidder can be a joint venture of not more then 3 firms. Each partner firm should have valid registration as para 3(a) herein below 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%)
 - 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
- (c) Registered firm on registered on contractor's list and firm registered as its sister concern on registered on contractor's list, both simultaneously cannot bid the same work till the completion of 3 years of registration of sister concern as registered contractor.

(2) QUALIFICATION CRITERIA:

(a) Annual Turn Over

- i Annual turnover of any one year of the last five year (i.e. 2020-2021 to 2024-2025) updated to the current financial year shall be more than **Rs.1612.08 Lacs.**
- ii For arriving at updated value, turnover of any financial year shall be multiplied by the enhancement factor corresponding to that year. These enhancement factors shall be as given in para 4 herein below.

(b) Successful Experience

Bidder must have as prime contractor or as nominated (approved by employer) subcontractor successful experience as follows:

- i At least one similar work having updated completion cost not less than i.e. Total **Rs.644.83 Lacs.** (40% of the amount put to tender of the proposed work)
- ii Such work must have been completed within last five financial year i.e. from 01-04-2020 till the due date of bid for the proposed work.
- iii A work would qualify as similar work only if it meets with definitions given in Appendix-A.
- iv For updating completion cost of the work to the current financial year, procedure narrated in 2(a) ii shall mutatis mutandis apply.
- v Registration Certificate of contractor as "AA" Class with Special Category-I (Bridge) while definition of similar nature of work as under.
- v ~~For joint venture, qualifying threshold amount of update completion cost would be~~
 - a. ~~Lead member : Rs. _____ crores (75 % of amount mentioned in b(i) i.e. 30 % of amount put to tender)~~

~~b. Each of remaining member : Rs. _____ crore (51% of amount mentioned in b(i) i.e. 20.4 % of amount put to tender.~~

(c) **Bid Capacity**

i The bidder must have Available Bid Capacity (ABC) more than the amount put to tender.

$$ABC = 2 \times A \times N - B$$

Where

A is the maximum of updated total amount of works executed in any one year of the last five financial years. i.e. from 2020-21 to 2024-25.

N is the number of years prescribed for completion of the proposed work.

B is the amount of the existing commitment and ongoing works to be discharged during 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.

~~ii For joint venture, each member's available bid capacity shall 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.~~

9.11 OTHER REQUIREMENTS

a. BIDDER'S REGISTRATION

i Only those bidders shall bid whose names are borne on the approved list of registered contractors in the required class & category with Gujarat State R&B D./W.R.D.

ii The contractors, who are registered in appropriate category of C.P.W.D., M.E.S., Railways and Indian State Government, can also bid provided the bidder produce such registration certificate at the time of bidding and obtain registration in required class & category from the Gujarat State R&B D./W.R.D. before issuing Work Order. Bidder will solely be responsible for obtaining the required registration.

b. LITIGATION HISTORY

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 knowledge of the employer the bidder shall be disqualified for the proposed work and other appropriate actions shall be taken against the bidder.

c. MACHINERY / EQUIPMENT

d. Bidder shall have to assure availability of machinery / equipment's in working condition as per Appendix-B. in case of non submission of below details the bidder has to submit this availability of machinery / equipment before issuance of work order. Machinery ownership document or lease / hire agreement for the work under tender shall be considered as valid proof for assured availability.

e. BIDDING IN E-TENDERING

i Submission of application must be through e-tendering i.e. Electronic form.

ii Bidders shall have to submit the bid in E-Tendering form only

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 otherwise further processing will be carried out in absence of above and the bidders shall be liable for any consequence.

iv No bidder can participate in more than one bid for proposed work.

f. SUBMISSION OF DOCUMENTS

i Following documents / papers shall form part of the bid.

1. Annual turnover certificates issued by chartered accountant for last five financial year.
 2. 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.
 - a. Self Attested copy of Work Order
 - b. Self Attested copy of agreement
 - c. Self Attested copy of Completion Certificate.
 - d. Self Attested copy of Final Bill
 - e. Self Attested copy of TDS Certificates
 - f. Self Attested copy of letter of permission given by employer for subletting the work
 3. Existing commitment and ongoing works as per schedule-E
 4. Litigation / Arbitration history
 5. Proof of assured availability of required Machinery / equipment
 6. An undertaking for truthfulness of information furnished
- ii Any information, data, statistics etc. which are not related to bid document will not be considered in evaluation even though furnished by the applicant.
- iii In accordance with stipulation of para 3D(iii) Employer reserves. The right to call any information / document which is mandatory, essential and critical for the propose of evaluation. Any information provided by the applicant after last date of Electronic submission will not be considered in evaluation, unless except the employer has specifically asked for any information / document, required information is not furnished within stipulated time, proposal will be liable for rejection.
- Iv If any of the information provided by the bidder is found false during scrutiny of at the later stage, his EMD shall be forfeited and he shall be disqualified for the proposed work. In cash when bidder has furnished exemption certificate in lieu of EMD, an amount equal of 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 the contract shall be terminated.

(4) ESCALATION FACTORS

Following enhancement factor will be applied to annual turnover and completion cost of works to bring them to the base year. The current financial year in which bid is invited shall be considered as the base year.

Year	Financial Year	Enhancement Factor
Base (year of inviting tender)	2025-2026	1.00
-1	2024-2025	1.10
-2	2023-2024	1.21
-3	2022-2023	1.33
-4	2021-2022	1.46
-5	2020-2021	1.61

APPENDIX - A

Definition of Similar Work:-

1. 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.

Note:- For prequalification cost of work involving Bridge is to be considered, if there is a package of works / single work consisting combination of resurfacing, strengthening and widening of roads, 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.

પ્રી.કયુ.માં મશીનરી અને લીટીગેશન અંગેના સુધારા

Clause	Change in Description
Appendix- A (3) (c) Machinery / Equipment	Bidder shall have to assure availability of machinery / equipment in working condition as per Appendix-B. In chase of non submission of below details, the bidder has to submit this availability of machinery / equipment before issuance of work order. Machinery ownership document or lease / hire agreement for the work under tender shall be considered as valid proof for assured availability
<u>SCHEDUL-G</u> <u>DETAILS OF</u> <u>LITIGATION</u>	<u>Note :-</u> The above information shall be supported with necessary documents. If contractor fails to do some then he has to submit necessary documents whenever asked.
Liquidated damages for delay	<p>(i) If the Contractor fails to complete the work under sectional work order by the stipulated date, he shall pay liquidated damges of at the rate of 1 percentage of the sectional work order value per day from the date of delaying the said work upto the date of completion and handing over to the Government.</p> <p>(ii) However also if the contractor fails to complete any part of the work as designed in Schedule (c) by the time indicated against such part, he shall pay liquidate damages per day from the date of delaying the said part of the work upto the date of completion of the said designed part at the rates shown in the said schedule of the sectional work order value of such part for such failure till the said designated part is completed</p> <p>(iii) The aggregate maximum of liquidated damages payable under clause No-2 shall not exceed Rs. 1 Percentage of sectional work order value per day and shall be subject to the maximum amount of ten percentage of the sectional work order amount.</p> <p>(iv) Delays requiring payment of ten percentage liquidated damages of the sectional work order value for performance shall be sufficient causes for termination of sectional work order and for forfeiture of security deposit including amount of performance bond in respect of sectional work to cost more than rs.15 lacs, for performance and registration of the contractor shall also be kept in abeyance for three years from the date as fixed in all cases.</p>

ઈમરજન્સી વર્ક રોડ ડી.ટી.પી.

- NIT માં કલોઝ પ.૨ બીડ સીક્યુરીટી અંદાજીત રકમનાં ૧% લેવી અને બેક ગેરંટી ૧૨૦ દિવસ માટે લેવી
- NIT માં કલોઝ પ.૩(a) માં Sp. Cat.-I (Bridge) with “AA” Class.
- એનેક્શર – ૭ આપેલ નમુના મુજબનું રાખવું. જેમાં BT Surface of Road / Bridge Item માટે FMG- 4 Years and for renewal coat FMG will be 1 year.
- એનેક્શર – ૭ setting up of adequate laboratory within 3 days after receiving work order રાખવું.
- Sp. Condition Part-II આપેલ નમુના મુજબ (૧૦ મુદ્દા) રાખવી.
- સેક્શનલ કામની સમય મર્યાદા ફક્ત રોડ વર્ક માટે આપેલ નમુના મુજબ રાખવી.
- Sp. Clause-III – Spe. Condition for Bituminous work with use of Drum mix Plant and Paver finisher.

પી.કયુ. બીડ

- પી.કયુ. બીડ કલોઝ –૮.૬ (a) માં Sp. Cat.I(Bridge) with “AA” Class
- એપેન્ડીક્ષ – એ માં રોડ વર્ક a અને b રાખવું.
- બીડ કેપેસિટી $ABC = 2 \times A \times N - B$
- Machinery & Equipment આપેલ નમુના મુજબ રાખવા.
- For 25.00 Cr.

APPENDIX - B

(A) **Bridge Works :- Inclusive List of Minimum Plant & Equipment to be Deployed on**

Contract work

Sr. No.	Type of Equipment	Nos.
1	Tipper Trucks	10
2	Mortar Grader	2
3	Dozer	1
4	Front end Loader	2
5	Smooth Wheeled Roller	2
6	Vibratory Roller	2
7	Hot Mix Plant with Electronic Controls (minimum 60-70)	1
A	Continuous Batch Mix Plant * Min 120 TPH	1
8	Paver Finisher with Electronic Sensor *	1
9	Water Tanker	3
10	Bitumen Sprayer	1
11	Tandem Roller	1
12	Concrete Mixture with integral weight batching facilities	2
13	Concrete batching mixing plant (Min. capacity – 15 m ³ / hour)	1
14	Concrete paver capable of paving 7.5 meter width extensible to 10 m in one single pass including all accessories. Such as automatic dowel bar integral vibratory system and electronic sensors ancillary equipment for applying curing compound joint cutting etc.	1
15	Concrete batching mixing plant with Automatic control Min. capacity – 100 cum/ hour)	0
		31

➤ **Schedule – G Details of LITIGATION આપેલ નમુન મુજબ રાખવું.**

- (B) 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.

9.15 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 inquiries with the applicant's bankers.

9.16 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.

9.17 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.

9.18 If the bid is submitted by a firm in partnership, its shall be signed by all the if the bid is submitted by a firm in 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.

9.19 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.

9.21 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.

9.22 The qualified tenders 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 applicants attention is drawn to the fact that even after the technical bid of potential bidders have 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.

9.23 The applicant is expected to have visited the project site before submitting technical bid

9.24 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. joint venture.

9.25 The bid documents received by Superintending Engineer, Rajkot (R&B) Circle No. 2 Rajkot shall be considered by a Screening committee consisting of the following

(i)	Chief Engineer, Suarashtra (R&B)	Chairman
(ii)	Chief Engineer, South Gujarat (R & B)	Member
(iii)	Superintending Engineer, Rajkot (R&B) Circle No. II Rajkot	Member & Secretary
(iv)	Financial Advisor	Member

9.26.1 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 proper format.
- (iv) Are accompanied by required authorization, and
- (v) Are other wise generally in order?

9.26.2 The committee shall evolve a suitable methodology before opening of price bid for making final assessment of the suitability of the firm as 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 Bridge project as applicable and other works as well as prompt completion for work and available bid capacity.

9.26.3 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.

9.27 The applicants are also required to furnish name of works for which there firm already been qualified for Major Bridge works in the country for 01-04-2008 onwards. They should also indicate the number of works for which their firm / joint venture have submitted tenders.

9.28 The firm who are unregistered and / or contractor registered elsewhere must get themselves registered in the special cat. I (Bridge) class 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.
- 9.29** 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.
- 9.30** Form No. 3A submitted should have office seal of the contractor and organization / Govt. department with office out ward no. and date along with Quantity executed.
- 9.31** Bidder must give information of all work in progress / accepted for contract duly notarized. If any details found misleading provided through notarized document, bidder will be liable for action on per registration rules by intimating for registration authorized.

LETTER OF APPLICATION

QUALIFICATION APPLICATION

Name of Work :- NAME OF WORK :- CONSTRUCTING WORK OF NEW CROSS DRAINAGE, REPAIRING OF CROSS DRAINAGE, STRUCTURE & BRIDGE REPAIR WORK & OTHER MISC. WORK ON VARIOUS ROADS AS AND WHEN REQUIRED OF IN EMERGENCY UNDER PORBANDAR (R&B) DIVISION, PORBANDAR

=====

**To,
The Superintending Engineer,
Rajkot (R&B) Circle No.-2,
1/1 M.S. Building, Race Course,
Rajkot – 380015
Tel No. 0281-2448490**

Dear Sir,

Having examined the qualification documents including scope of work & frame of construction, we hereby submit all the necessary information & relevant documents for qualifying us for bidding for the above mentioned works.

The application is made by use on behalf of
..... the capacity duly of
..... authorized to submit the offer.

It is Certified that the information furnished in these documents is authentic. We undersigned accept the Employer (Govt.) reserve the right to reject any or all applications without assigning any reason.

DATE :

Signature of Applicant.
Name in Brackets including
Title & Capacity in which
Application is made.

ENCL.

1. Schedule duly filled in the prescribed form.
2. Evidence of authority to sign.
3. latest brochures.
4. Require E.M.D. in form of

SCHEDULE A.
STRUCTURE AND ORGANITION

1. Name of Company :
Address Telephone No. Telex No.
2. Description of Company :
(e.g. General, Civil Engineering
Contractor, Supplier of equipment
Etc.)
3. Registration and classification :
with the P.W.D in Gujarat/India
4. Name and address of Bankers :
5. Numbers of years of experience as :
a general contractor.
In own country
Internationally.
6. Number of years of experience as a :
subcontractor
In own country
Internationally
7. Name and address of the companies :
who will be involved in the
Construction of various items civil
Works namely.
a) Preconstruction soil investigations
b) Main work (Bridge construction)
c) Miscellaneous works
8. Attached an organization chart showing the structure of the company including names position of
director and key personnel.

Signature of Applicant.

Note : The above necessary information shall be supported with necessary documents, otherwise, the same shall be

SCHEDULE - B
FINANCIAL STATEMENT

(To be given separately for each partner of Joint venture/ Consortium)

1. Name of firm :
(Partner in case of joint venture/Consortium)
2. Capital :
(a) Authorized.
(b) Issued and paid up
3. Attach audited balance sheet and profit and loss statement for the last five year. :
4. Financial position.
(a) Cash
(b) (i) Fixed assets
(ii) Liquid or movable assets.
(c) Current liabilities
(d) Working Capitals.
(i) Share capitals
(ii) Partner's capital
(iii) Deposit.
(e) Net worth (Excess at current Liabilities over liquid or movable assets.) :
5. Total liabilities. :
(a) Current ratio.
(Current assets to current liabilities)

(b) Acid tests ratio Cash, Temporary, Investment held in lieu of cash & current Recoverable to current liabilities. :
(c) Total liabilities to net worth. :

NOTE :- Information asked against each item is to be carefully filled in More reference to balance sheet in reply to above point is not acceptable.

6. Annual value of construction work
Undertaken for each of the last five
Financial years

Current Year	One year Before	Two year before	Three year before	four year before	five year before
2025-26 YR	2024-25 Yr	2023-24 Yr	2022-23 Yr	2021-22 Yr	2020-21 Yr

Home
Abroad

Details of annual turn over of last five years.

7. Net profit before tax. :

- a) Current period
- b) During last financial year
- c) During each of the four previous financial year

The profit and loss statement have been certified

through _____ by _____

8. Applicant's financial arrangement:
for the proposed work.
(Exact amount in Rs. to be mentioned)

- | | | |
|----|------------------|-----|
| a) | Own resources | Rs. |
| b) | Bank Credits | Rs. |
| c) | Other S(Specify) | Rs. |

9. Certificate of financial soundness:
From bankers of applicant together
With their address.

10. Approximate value of work in hand Rs.

11. Value of anticipated orders for
Next financial year.

Home

Abroad.

Note :- Details of item 10 and 11 to be given in Schedule-"E"-

- 1) *Information asked against each item shall be carefully filled in any additional information shall be given separately duly signed.*
- 2) *The above details supported by last financial year Balance sheet / profit & loss account etc. must be audited by the Chartered Accountant. And ITC shall be furnished if available.*
- 3) *The above information shall be supported with necessary documents otherwise, the same shall be treated as null and void.*
- 4) *Certificate copies of actual audit report by chartered accountant for the financial year 2016-17 to 2020-21 shall have to be attached.*

Signature of Applicant.

CONTRACT
SCHEDULE-C
: PERSONNELS:
DETAILS OF PERSONNEL WITH THE APPLICANT

Name of the Applicant

Sr. No.	Description	On applicants Pay roll.
1.	Project manager	
2.	Material and quality control Engineer	
3.	Works manager	
4.	Number of Engineering Graduates	
	a) Design	
	b) Construction Supervision	
5.	Number of administrative graduates.	
6.	Number of skilled employees	
7.	Number of unskilled employees	
8.	Please indicate whether design wherever Required as per conditions of bid will be Carried out in house or with the help of Consultant.	
9.	If in house, please indicate the details of design carried out over the past. If so to be done by back-up consultants please give the data such as name of the company key. Personnel and professional qualifications, present position total experience, no of work executed.	
10.	Please indicate whether subsoil investigation as required under condition of contract will be carried out in house or with help of other agency.	
Note:	Availability for this work of a Project Manager having in degree in Civil Engineering with at least ten years experience including at least five years on Bridge/highway construction works and a Material & Quality Control Engineer having degree in Civil Engineering with at least five years Bridge construction experience including about three years on materials testing and quality control for Bridge construction works including bituminous works & slab drain works is compulsory. If in house please detail of subsoil investigation carried out over the past few year. If subsoil investigation is to be done through private agency give data such as name of through private agency give data such as name of agency, key personnel, professional qualification present position total experience and details of works executed over last five years.	

Signature of Applicant

SCHEDULE – C1

PERSONAL

DETAILS OF PERSONAL TO BE DEPLOY ON THIS PROJECT BY BIDDER

Name of Applicant :

Sr.No.	Description	Qualification	Minimum Requirement		Yes / No
			Number	Experience in Bridge works	
1	2	3	4	5	6
1	Project Manager	B.E. Civil	1	10-Year (5year exp. Bridge Construction exp.)	
2	Site Engineer	B.E. Civil	2	10-Year (5year exp. Bridge Construction exp.)	
3	Plant Engineer	B.E. Civil / Diploma	1	10-Year (5year Bridge exp. compulsory)	
4	Quantity Surveyor	B.E. Civil / Diploma Civil	2	5-Year in Bridge	
5	Material & Quality Control Engineer	B.E. Civil / Diploma Civil	2 1-BE Civil 1-Diploma	5-Year in building for Diploma in Building 2-Year for B.E. Civil	
6	Survey Engineer	B.E. Civil / Diploma Civil	1	2 - 5 -Year	

Note :- Availability for this work of project manager having in degree in civil engineering with a least ten years experience including at least five years on Bridge construction works and a materials & quality control engineer having in degree in civil engineer with at least five years Road Construction experience.

SCHEDULE – D

Plant & Equipment Proposed to deployed by the Application

Sr. No	Name of Equipment	Total Requirement			Equipment in Hand (Owned)			Equipment to be procured		
		No. of units of the project	Kind and make	Capacity	No. of each	Year of Manu. & present condition	Name of Owner	No. of each	Capacity	Through purchase / Lease
1	2	3	4	5	6	7	8	9	10	11
1	Tipper Trucks	10								
2	Mortar Grader	2								
3	Dozer	1								
4	Front end Loader	2								
5	Smooth Wheeled Roller	2								
6	Vibratory Roller	2								
7	Hot Mix Plant with Electronic Controls (minimum 60-70)	1								
A	Continuous Batch Mix Plant * Min 120 TPH	1								
8	Paver Finisher with Electronic Sensor *	1								
9	Water Tanker	3								
10	Bitumen Sprayer	1								
11	Tandem Roller	1								
12	Concrete Mixture with integral weight batching facilities	2								
13	Concrete batching mixing plant (Min. capacity – 15 m ³ / hour)	1								
14	Concrete paver capable of paving 7.5 meter width extensible to 10 m in one single pass including all accessories. Such as automatic dowel bar integral vibratory system and electronic sensors ancillary equipment for applying curing compound joint cutting etc.	1								
15	Concrete batching mixing plant with Automatic control Min. capacity – 100 cum/ hour)	0								
		31								

Note :-

- 1) The above information may be furnished for each machinery and equipment listed herewith. 2) The location of machinery should be furnished in detail i.e. (i) Site of work (ii) Own Workshop (iii) Other places.
- 3) The documents regarding ownership of machinery / equipment etc and attested copies of hire purchased agreement If it must be enclosed and for to be procured the copy of work order placed shall be furnished. If leased indicated the date when the current lease expires.
- 4) Describe the fabrication and workshop facilities (a) to be set up at site (b) to be sub contracted locally (c) to be set up any other place with relevant details.
- 5) The above information shall be supported with necessary documents otherwise, the same shall be treated as null & void.

(Signature of Bidder)

SCHEDULE - E

EXPERIENCE ALL PROJECT IN PROGRESS

Give information about All project including the company has received a letter of intent / But a formal contract formal contract has not yet been awarded.

Employer	Engineer responsible for supervision	Location and description of works	Value of contract	Cost of work executed as on the date of this bid	Remaining work to be executed as on the date of this bid	Percentage of practical completion	Date of work order	Stipulated date of completion of work	Likely date of completion	Reasons for slow progress if any
1	2	3	4	5	6	7	8	9	10	11

Note :-

- 1) Attested copies of the latest certificate from the Employers with office seal and office outward Nos. with date may be attached. In case of private work sufficient proof of work done along with details of financial transaction have to be furnished.
- 2) Non disclosure of any information in the schedule will result in disqualification of the bidder.

(Signature of Bidder)

SCHEDULE - F

EXPERIENCE RELEVANT (ROAD WORKS) PROJECTS COMPLETED

Please furnish information about relevant project (Road works) completed over

Name of Employer	Name of Location & type of road contracted	Name of Engineer responsible for supervision	Accepted Contract price and Date {Rs. Lacs}	Final value as per bill prepared by the employer	Additional amount released if any through court claims or by award or arbitrator	Percentage Participate of company in project	Was contra satisfactory completed including time
1	2	3	4	5	6	7	8

Note :-

- 1) Attested copies of the latest certificate from the Employers with office seal and office outward Nos. with date may be attached. In case of private work sufficient proof of work done along with details of financial transaction have to be furnish.
- 2) Non disclosure of any information in the schedule will result in disqualification of the bidder.
- 3) Work carried out in private sector, agency has submitted detail work order copy.
- 4) Work carried out in Government sector, agency has submitted Form-3A copy.

(Signature of Bidder)

For Works Completed

- (iv) Form 3A submitted should bear office seal of the contractor and organizer / Government Department with office out ward No & Date with quantity executed.
- (v) Attested copies of the latest certificate from employer may be attached by scanning in case of private work sufficient authentic proof of work done along with details of financial transaction has to furnish.

Non disclosure of any formation in the Schedule will result in disqualified of the bidder.

SCHEDULE - F - 1

CONTRACT

COMPANY

EXPERIENCE

GEOGRAPHICAL

Summary of Experience of company in the Neighborhood Project and / or Neighborhood states.

SCHEDULE -G
LITIGATION HISTORY

Applicant should provide information on any History of litigation or arbitration resulting from contracts executed in last five years or currently under execution.

Year	Award for / or against applicant	Name of client, cause of litigation and matter in Disputed	Disputed amount in rupees

NOTE : The above information shall be supported with necessary documents. If contractor fails to do same than he has to submit necessary documents whenever asked.

Signature of Applicant.

CONTRACT
SCHEDULE: - H
ADDITIONAL INFORMATION

The applicant can add here any further information relevant to the evaluation of their qualifying criteria.

Signature of Contractor.

Schedule - I
(Form No. 3 A)

Referred to in Rules No. 5 to (b) (II)

DETAILS OF SIMILAR WORK COMPLETED

- 1 Name of Contractor :
- 2 Name of work :
- 3 Estimated cost of work put to tender :
- 4 Revised Estimated cost :
- 5 Tender Amount :
- 6 Date of starting the work :
- 7 Date of completion of the work (As per contract agreement) :
- 8 Actual date of the completion of work :
- 9 Amount of completed work done. :

Sr. No.	Main Component of work	Qty. Executed	Amount Rs. in Lacs
I	New Pipe Drain Work		
II	New Single Cell 2x2 Box Culvert		
III	New Single Cell 3x3 Box Culvert		
IV	Other Structure work (Protection Wall, Gabain Wall, Railing, Crash Barrier, Pitching etc.		
V	Structure Repair, Labour Supply & Machinery Work		
VI	Diversion Work as per GR 20/6/18		
VII	Slab Drain Work		

- 10 State whether the details as above given by the contractor are correct if not state as to what is the correct information. :
- 11 State whether the contractor has executed the work in progress satisfactory as per specification if not give the correct position of the work. :
- 12 Period rate and amount of compensation if levied. :
- 13 Period of extension granted if any :
- 14 Reason for delay in granted if any :
- 15 Any other remarks. : Particular of work completed.

Date :

Executive Engineer
R. & B. Division
Porbandar

ANNEXURE – 1
LAB TESTING EQUIPMENT

The Application shall provide adequate information for testing Equipment and surveying equipment

	Name of Testing Equipment	Minimum Requirements	Equipment with Agency	
			Equipment in hand	Equipment to be procured
1	A – General Lab Equipment			
	a) Electronic balance 30 Kg. capacity semi self-indication type accuracy 1 gm.	2 Nos.		
	b) Pan balance 10 kg capacity accuracy 0.01 gm	12 Nos.		
	c) Electronic balance 500 gm capacity accuracy 0.001 gm	2 Nos.		
	II) Ovens-electrically operated thermoscopically controlled 600mm x 600mm range upto 220 C and sensitivity 1 C.	2 Nos.		
	III) Sieves as per I.S. 460-1962	Full IS 3 Set		
	V) Stop watches, 1/5 sec. Accuracy	2 Nos		
	VI) Glassware comprising of beaker, pipetters, butters, conical and spherical as per required flasks, dishes, measuring, cylinders (100 to 1000* cc capacity) glass rods and funnels, glass thermometers range 0 C to 100 C	Full IS Set.		
	VII) Hot plates 200 mm dia (1500 watt)	10 Nos.		
	VIII) Enamel trays			
	a) 600 mm x 450 mm x 50 mm	6 Nos.		
	b) 450 mm x 300 mm x 40 mm	6 Nos.		
	c) 300 mm x 250 mm x 40 mm	6 Nos.		
	d) Circular plates of 250 mm dia	6 Nos.		
	XI) Small tools like spade, hand shovel, trowel, shovel, trimming knife steel straight edge club hammers 91 kg and ½ kg) mallet, screw brush ventire calliper	Each as 4 Nos.		
	XII) Aboestos Gloves	3 Pairs		
	XIII) Hydrometer	1 No.		
	XIV) Room temperature / atmosphere temperature thermometer.	2 Nos.		
	XV) Rain Gauge	1 No.		
	XVI) Hydrometer	1 No.		
	XVII) First Aid Box	1 No.		
	VI) Laboratory mixer including required accessories about 0.02 cum capacity electrical operated fitted with hitting jacket	1 No.		
	VII) Marshal stability apparatus electrically operated completed with all accessories as per ASTM1155062T	1 Set		
	VIII) Core cutting machine with 10 cm and 15 cm dia diamond cutting edge.	1 No.		
	IX) Metallic & digital Thermometers range upto 300 C	6 Nos.		

	X) Apparatus for specific gravity of bitumen as per the relevant specification	2 Nos.		
	XI) Viscosity determination apparatus (Kinematics) as per the relevant is specification.	1 Set.		
	XII) Sweel test apparatus to asphalt institute MS-2 NO-2	1 No.		
	XIII) Densitometer Pavement quality Indicator (PQ) 301	1 No.		
	XIV) Asphalt Extraction	1 No.		
2	B – For Cement and Cement Concrete			
	I) Vicat Needle apparatus as per IS-269-1967			
	I) Modls			
	a) 150 mm dia. X 300 xx height cylinder with capping component	As required		
	b) Cubes 150 mm and 100 mm size	As required		
	c) Cubes 70.7 mm for cement mortar	As required		
	III) Concrete Permaability Apparatus as per the relevant IS specifications.	1 No		
	IV) High frequency mortar cube Vibrator for Cement testing	2 No		
	V) Concrete mixer power driven, 0.03 m ³ capacity	1 No		
	VI) Variable frequency and amplitude vibrating table size 1 meter x 1 meter as per the relevant British standard.	1 No.		
	VII) Flow table as per the relevant IS specifications.	4 Nos.		
	VII) a) 2000 Kn (Least count 10 Kn) compression testing machine for concrete cube.	1 No.		
	b) 500 Kn (Least count 2 Kn) compression testing machine for concrete cube.	1 No.		
	IX) Equipment for Slump test	2 Nos.		
	X) Equipment for determination of specific gravity for fine and coarse aggregate as per IS 2386 (Part-3) 1963.	1 No.		
3	C – For Control of Profile and surface Eveness			
	i) Total Station	1 Set		
	ii) Theodolite	1 Set		
	iii) Precision Automatic Level	2 Set		
	iv) Precision Staff	3 Set		
	v) 3 Meter straight edge and measuring wedge	3 Sets.		
	vi) Caber templates 2 lane.			
	a) Crown type cross- section	As per requirement		
	b) Straight run cross- section	As per requirement		
	VII) Steel Taps of road			
	A) Steel Tape	2 Set		
	B) 5 mt Long	20 Set		
	C) 10 mt Long	2 Set		
	D) 20 mt Long	2 Set		

	E) 30 mt. Long	2 Set		
	I) Total Station	1 Set.		

F- Any other equipment which is not mentioned here but which is necessary for complying with the provision of the Contractor or as required by the Engineer.

In the absence of any equipment as per test requirements of section 900 of MORTH specification the same shall be provided by the contractor at anytime as directed by the Engineer. No extra payment shall be made to the contractor.

In the absence of any equipment as per test requirements of section 900 of MOST specification the same shall be provided by the contractor at any time as directed by the Engineer. No extra payment shall be made to the contractor.

Signature of Applicant

PROJECT DETAILS

Name of work : Emergency Road Work on Various Roads Under Porbandar (R & B) Division (Construction of New Cross Drainage Work, Repairing of Cross Drainage , Structure Work, Labour & Machinery Work, Construction of New Bridge Work & Other Misc. Work)

Salient Features : Road Work

Sr. No.	Description	Chainage
1	2	3
1	New Pipe Drain Work	6 Nos
2	New Single Cell 2x2 Box Culvert	4 Nos of Box Culvert 2 x 2
3	New Single Cell 3x3 Box Culvert	6 Nos of Box Culvert 3 x 3
4	Other Structure work (Protection Wall, Gabian Wall, Railing, Crash Barrier, Pitching etc.	Retaining Wall 375 Mt. Gabian Wall 200 Mt
5	Structure Repair, Labour Supply & Machinery Work	20 Structure Repair and Labour and Machinery Supply Work
6	Diversion Work as per GR 20/6/18	65 Mt Diversion Work
7	Slab Drain Work	2 Nos of Slab Drain

PROJECT INFORMATION

CLIMATE:

(a) TEMPERATURE

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 35⁰ 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.

(b) RAIN FALL

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.

The State can be divided into four different rainfall Zones:

- (i) Areas with more than 1000 mm rainfall include the districts of Valsad, Dangs, Surat and the eastern parts of Bharuch with Rajpipla Hills.
- (ii) Areas receiving rainfall between 800 mm and 1000 mm include Panchmahals, Vadodara, Junagadh, Kheda and part of Rajkot.
- (iii) Areas having rainfall between 400 mm and 800 mm include Saurashtra and areas north of Rajkot.
- (iv) Areas receiving less than 400 mm rainfall include Kachch Banaskantha and Coastal Jamnagar.

(c) HUMIDITY:

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.

(d) HYDROLOGY:

Ozat / Hiran river is the major river (perennial) in the east of the state which serves as the main water source for drainage – Ozat/ Hiran river, river discharge in to Arabian Sea.

(e) TOPOGRAPHY:

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 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 Saurashtra uplands. These low laying areas extend from Rann of Kachchh to little Rann of Kachchh and to the low laying delta region of Ozat/ Hiran/ Devka 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.

(f) ACCESS TO SITE:

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. It is near important towns of Porbandar district place. 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.

(g) ROAD TRANSPORT FACILITY:

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.

(h) COMMUNICATION FACILITIES:

The communication facilities in the State consist of post, telegraph, telex and fax. The Post and Telegraph Department of Government of India provide these facilities. Besides private sector operated courier, fax and other similar services, Government facilities also exist in all-important cities of the state.

(i) MEDICAL FACILITY:

All the important cities have full fledged Government medical Hospitals besides private clinics and nursing homes etc.

(j) PROJECT LAYOUT:

Project layout for the contracts is given in the Index Map.

(k) EXPECTED CONSTRUCTION PERIOD:

Expected construction period from contracts if 11 months (Eleven) from the date of award.

(l) FACILITY AND SERVICES PROVIDED BY THE EMPLOYER:

Free access to the work sites will be assured by the Employer for expected Agencies.

(m) OTHER RELEVANT INFORMATION:

1. Soil Characteristics

The Soils of Gujarat state can be classified into Black Cotton Soils. Alluvial Soils, Saline Alkaline Soils and desert Soils.

- a) Black Soils : The black soils are either medium black or deep black.
- 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.
- .ii) Deep Black Soil. The deep black soils are found in the district of Junagadh, Rajkot, Jamnagar Vadodara, Bharuch, Amreli, Soil depth varies from less than one meter to as deep as six meters. These soils have very heavy clay content. Montmorilloniteper domination.
- .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. Junagadh, 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.
- .c) Saline – Alkaline Soils : These soils are found in " Bhal Tract " of Bhavnagar, Rajkot, Junagadh 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 lessrain – fall and high evaporation.
- .d) Desert Soils : These are mainly found in Rann of Kachchh (Northern and north – eastern parts).
- .e) Earthquake Zone : The District of Porbandar comes under the Zone-3 of the earth quake where as districts of Sarasota comes under Zone-3 & 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.

**Executive Engineer
Road & Building Division
PORBANDAR**

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.