

National Highway Authority



REQUEST FOR PROPOSAL FOR

DESIGN REVIEW AND CONSTRUCTION SUPERVISION OF SULTAN
BAHOO BRIDGE OVER RIVER CHENAB BETWEEN SHORKOT AND
GARH MAHARAJA

(Page 1 to 92)

March 2010

48



BY FAX

NATIONAL HIGHWAY AUTHORITY
Procurement & Contract Administration Section
28 Mauve Area, G-9/I, Islamabad ☎ 051-9032732, ☎ 051-9260419

Ref: 6(249)/GM (P&CA/NHA/2010/316

12th March, 2010

To

All Shortlisted firms (As mentioned below)

Subject: **Design Review and Construction Supervision of Sultan Bahoo Bridge over River Chenab between Shorkot and Garh Maharaja.**

This is to inform you that your firm has been short-listed for the subject consultancy services.

2. You are therefore requested to download the Request for Proposal (RFP in PDF format) from the NHA website i.e. www.nha.gov.pk.

3. As per RFP, the proposal submission deadline is **29th March 2010**.

(IJAZ AHMED)
Deputy Director (P&CA)

Distribution to Firms:

- i. M/s EA Consulting (Pvt.) Ltd.
- ii. M/s REC in Association with M/s Umar Munshi Associates.
- ii. M/s Loya Associates in association with M/s CECON
- iv. M/s ACE in association with M/s Asif Ali Associates.

Copy for kind information:

- Member (Planning)
- GM(P&CA)

Table of Contents

| Sr. # | Description | Page No. |
|--------------|---|-----------------|
| 1. | Letter of Invitation (LOI) | 03 |
| 2. | Data Sheet | 11 |
| 3. | Technical Proposal Forms | 17 |
| 4. | Financial Proposal Forms | 28 |
| 5. | Appendix A (TORs) | 36 |
| 6. | Appendix B (Man-Months and Activity Schedule) | 51 |
| 7. | Appendix C (Client Requirements from the Consultants) | 52 |
| 8. | Appendix D (Personal Equipment, Facilities and other services to be provided by the Client) | 53 |
| 9. | Appendix E (Copy of Model Agreement) | 54 |

APPENDIX (I)

GOVERNMENT OF PAKISTAN
NATIONAL HIGHWAY AUTHORITY
28-Mauve Area, G-9/1,
Post Box No. 1205,
ISLAMABAD

Dated the _____
Ref No. _____

LETTER OF INVITATION

To,
All short listed consultants

Gentlemen!

We extend warm welcome to you and invite you to participate in this project. We hope that you will live up to your reputation and provide us accurate information so that the evaluation is carried out "just and transparent". Please understand that the contents of this RFP, where applicable, shall be deemed part of the contract agreement. An example to this affect can be the contents of your work plan and methodology which you shall be submitting in your technical proposal. Since that is the basis of the selection, therefore, it shall become part of the contract agreement subject to approval/revisions of the same by NHA during the negotiations. Similarly, all other services and the content contributing to services shall be deemed part of the contract agreement unless it is specifically mentioned for any particular item up-front in your technical proposal which obviously will make your proposal a conditional proposal whereby, authorizing NHA to may or may not consider to evaluate your proposal. Please understand that if no such mention appears up-front (i.e. on front page of technical proposal) then it shall be deemed that the consultant is in 100% agreement to the above. You are also advised to kindly read the RFP thoroughly as it can drastically affect the price structure for various services which may not be appearing directly in the terms of reference. In the end, we appreciate your participation and hope that you will feed a good proposal to merit consideration by NHA.

1. INTRODUCTION

- 1.1 You are hereby invited to submit a technical and a financial proposal for consulting services required for the assignment named in the attached LOI Data Sheet (referred to as "Data Sheet" hereafter) annexed with this letter. Your proposal could form the basis for future negotiations and ultimately a Contract between your firm and the Client named in the Data Sheet.
- 1.2 A brief description of the assignment and its objectives are given in the Data Sheet. Details are provided in the attached RFP.
- 1.3 The assignment shall be implemented in accordance with the phasing indicated in the Data Sheet.
- 1.4 The Client (NHA) has been entrusted the duty to implement the Project as Executing Agency by GOP and funds for the project for the phase have been approved and provided

in the budget for PSDP Fiscal year 2009-10 for utilization towards the cost of the assignment, and the Client intends to apply part of the funds to eligible payments under the Contract for which this LOI is issued.

- 1.5 To obtain first-hand information on the assignment and on the local conditions, you are encouraged to pay a visit to the Client before submitting a proposal and attend a pre-proposal conference if specified in the Data Sheet. Your representative shall meet the officials named in the Data Sheet. Please ensure that these officials are advised of the visit in advance to allow adequate time for them to make appropriate arrangements. You must fully inform yourself of local conditions and take them into account in preparing your proposal.
- 1.6 Please note that:
- i. The cost of preparing the proposal and of negotiating the Contract, including a visit to the Client, are not reimbursable as a direct cost of the assignment, and
 - ii. The Client is not bound to accept any of the proposals submitted.
 - iii. The Consultants are notified in advance that the supervision of the project shall commence upon undertaking of the works by the contractor and shall be notified through issuance of commencement notice by NHA. Any inordinate delay or cancellation of the construction work for any reason including non availability of funds shall not allow the consultants to any financial or legal claims. However when the project shall commence the supervisory consultants shall maintain the right subject to availability of proposed staff based on which the consultant was selected or if the delay is beyond three months then equally competent staff with equal or higher qualification or experience shall be pre-requisite for consideration of issuance of commencement notice by NHA. In case the work is delayed or abandoned for any reason what so ever, the consultant shall not have any legal recourse.
 - iv. The Consultant is responsible to have the whole work completed through the contractor in a professional manner so that all items of work are completed from one end to the other including paying attention to site clearance of debris or any other left over material. The trees/shrubs prone to landscape and earth work slopes grassed in ROW. All signs of construction work dispensed with whether covered in BOQ or not. To achieve this objective consultant may include the price for such incidental or ancillary works which will lead to the final completion of the works in the price quoted by the consultant. No separate costs are payable as extra costs for this head. All such costs shall be included in these rates submitted by the consultant in his financial proposal. Here consultant has to basically ensure that contractor has completed total work with particular reference to site clearance before taking over the project on completion.
 - v. The consultant may please note not to suggest names of key staff already proposed in other proposals with NHA or awarded recently. This will affect adversely marking of these professionals in evaluation of the technical proposal. Their secured points are liable to be reduced by 50% if their name appears in more than 1 previous proposal in which they are ranked No.1. Also the existing load of work with a firm shall be considered as one of the factors for the consideration in the award of the work.
 - vi. Form A3 is meant for comments on provision contained in RFP and TOR and unless the observations are noted in this particular forms, any thing written

elsewhere on this account including financial implications, if any, shall be considered of no consequence in the evaluation process.

- 1.7 We wish to remind you that in order to avoid conflicts of interest:
- i. Any firm providing goods, works, or services with which you are affiliated or associated is not eligible to participate in bidding for any goods, works, or services (other than the services and any continuation thereof) resulting from or associated with the project of which this assignment forms a part; and
 - ii. Any previous or ongoing participation in relation with the project by your firm, its professional staff, its affiliates or associates under a Contract may result in rejection of your proposal. You should clarify your situation in that respect with the Client before preparing the proposal.
 - iii. The final person-months of each expert is subject to adjustment at the stage of contract negotiation in line with demonstrated approaches methodology and need bases.

2. DOCUMENTS

- 2.1 To prepare a proposal, please use the Forms as enclosed.
- 2.2 Consultants requiring a clarification of the Documents must notify the Client, in writing, not later than five (05) days before the proposal submission date. Any request for clarification in writing, or by cable, telex or tele-fax shall be sent to the Client's address indicated in the Data Sheet. The Client shall respond by cable, telex or telefax to such requests and copies of the response shall be sent to all invited Consultants.
- 2.3 At any time before the submission of proposals, the Client may, for any reason, whether at its own initiative or in response to a clarification requested by an invited consulting firm, modify the Documents by amendment. The amendment shall be sent in writing or by cable, telex or telefax to all invited consulting firms and will be binding on them. The Client may at its discretion extend the deadlines for the submission of proposals.

3. PREPARATION OF PROPOSAL

It will consist of two parts – Technical and Financial

3.1 Technical Proposal

- 3.1.1 The Technical Proposal should be submitted using the format specified and shall include duly signed and stamped forms appended with the RFP. This is a mandatory requirement for evaluation of proposals and needs to be filled up carefully.
- 3.1.2 For Technical Proposal, the general approach and methodology which you propose for carrying out the services covered in the Term of Reference, including such detailed information as you deem relevant, together with your appreciation of the Project from provided details and
- a. A detailed overall work programme to be provided with timing of the assignment of each expert or other staff member assigned to the project. This will also

provide Employer an opportunity that Supervision Consultancy service to be provided will be able to effectively monitor work progress.

- b. Your estimate of the total number of man-months and project duration required.
- c. Clear description of the responsibilities of each expert staff member within the overall work programme.
- d. The Curriculum Vitae of all Key Staff members and an affidavit that proposed staff shall be available for the assignment during the project duration and their present place of duty may also be mentioned. The Consultants are advised to suggest such names who shall be available for the Assignment.
- e. The technical proposal shall include duly filled in forms provided with this RFP. The name, background and professional experience of each expert staff member to be assigned to the project, with particular reference to his experience of work of a nature similar to that of the proposed assignment.
- f. Current commitments and past performance are the basic criteria of technical proposal. You are required to provide the details of present commitments/on going jobs as referred in the form A9 of technical proposal. Further, the basis for the past performance is the report from Design Section and construction wing NHA.

3.1.3 In preparing the technical proposal, you are expected to examine all terms and instructions included in the Documents. Failure to provide all requested information shall be at your own risk and may result adversely in the scoring of your proposal. The proposal should be prepared as per RFP and any suggestion or review of staff etc. should be clearly spelt out in form A3. This will be discussed at the time of negotiation meeting as and when called.

3.1.4 During preparation of the technical proposal, you must give particular attention to the following:

- i. The Firm needs to be registered with Pakistan Engineering Council.
- ii. If you consider that your firm does not have all the expertise for the assignment you may obtain a full range of experience by associating with other firms or entities. You may also utilize the services of expatriate experts but only to the extent for which the requisite expertise is not available in any Pakistani firm. You may not associate with the other firms invited for this assignment unless specified in the Data Sheet. In case of Joint Venture, the proposal should state clearly partners will be "Jointly and Severally" responsible for performance under the Contract and one partner will be "solely" responsible for all dealings with the Employer on behalf of the Joint Venture. His "Special Power of Attorney on this account is to be enclosed. JV will be got registered by PEC. Lead partner shall retain full and undivided responsibility for the performance of obligations and satisfactory completion of the consultancy services works. A copy of joint venture agreement to be provided at the time of finalizing the contract documents with specific responsibilities and assignments to be looked after by each partner.
- iii. Subcontracting part of the assignment to the other Consultants is not discouraged and Specialist Sub-Consultants may be included. This shall be a plus point in the evaluation process.

iv. The key professional staff proposed shall be permanent employees of the firm unless otherwise indicated. The minimum stay with the firm for such persons is Six months please. No alternative to key professional staff may be proposed and only one CV may be submitted for each position.

3.1.5 The technical proposal shall not include any financial information. The Consultant's comments, if any, on the data, services and facilities to be provided by the Client and indicated in the TOR shall be included in the technical proposal.

3.2 Financial Proposal

3.2.1 The financial proposal should be submitted using the format specified and enclosed with this RFP. This is a mandatory requirement for evaluation of proposals and needs to be filled up carefully. The total cost is to be mentioned in the Form A 15.

3.2.2 The financial proposal should list the costs associated with the Assignment. These normally cover remuneration for staff in the field and at headquarters, per diem, housing, transportation for mobilization and demobilization, services and equipment (vehicles, office equipment furniture and supplies), printing of documents, surveys and investigations. These costs should be broken into foreign (if applicable) and local costs. Your financial proposal should be prepared using the formats attached as forms A 10 to A15.

3.2.3 The financial proposal shall also take into account the professional liability as provided under the relevant PEC Bye-Laws and cost of insurances specified in the Data Sheet.

3.2.4 Costs may be expressed in currency (s) listed in the Data Sheet.

3.2.5 The evaluation committee will correct any computational errors. When correcting computational errors, in case of discrepancy between a partial amount and the total amount, or between word and figures the formers will prevail. In addition to the above corrections, activities and items described in the Technical Proposals but not priced, in the Financial Proposals shall be assumed to be included in the prices of other activities or items. In case an activity or item is quantified in the Financial Proposal differently from the Technical Proposal, the evaluation committee shall correct the quantification indicated in the Financial Proposal so as to make it consistent with that indicated in the Technical Proposal.

4. SUBMISSION OF PROPOSALS

4.1 You shall submit one original technical proposal and one original financial proposal and the number of copies of each indicated in the Data Sheet. Each proposal shall be in a separate envelope indicating original or copy, as appropriate. All technical proposals shall be placed in an envelope clearly marked "Technical Proposal" and the financial proposals in the one marked "Financial Proposal". These two envelopes, in turn, shall be sealed in an outer envelop bearing the address and information indicated in the Data Sheet. The envelope shall be clearly marked, "DO NOT OPEN, EXCEPT IN PRESENCE OF THE EVALUATION COMMITTEE."

- 4.2 In the event of any discrepancy between the copies of the proposal, the original shall govern. The original and each copy of the technical and financial proposals shall be prepared in indelible ink and shall be signed by the authorized Consultant's representative. The representative's authorization shall be confirmed by a written power of attorney accompanying the proposals. All pages of the technical and financial proposals shall be initialed by the person or persons signing the proposal.
- 4.3 The proposal shall contain no interlineations or overwriting except as necessary to correct errors made by the Consultants themselves. Any such corrections shall be initialed by the person or persons signing the proposal.
- 4.4 The completed technical and financial proposals shall be delivered on or before the time and date stated in the Data Sheet.
- 4.5 The proposals shall be valid for the number of days stated in the Data Sheet from the date of its submission. During this period, you shall keep available the professional staff proposed for the assignment. The Client shall make its best effort to complete negotiations at the location stated in the Data Sheet within this period.

5. PROPOSAL EVALUATION

- 5.1 A two-envelope procedure shall be adopted in ranking of the proposals. The technical evaluation shall be carried out first, followed by the financial evaluation. Firms shall be ranked using a combined technical/financial score.

5.2 Technical Proposal

- 5.2.1 The evaluation committee appointed by the Client shall carry out its evaluation for all the projects as listed in Para 1.1, applying the evaluation criteria and point system specified in the Data Sheet. Each responsive proposal shall be attributed a technical score (St). Firms scoring less than seventy (70) percent points shall be rejected and their financial proposals returned un-opened.

5.3 Financial Proposal

- 5.3.1 The financial proposals of the qualifying consulting firms on the basis of evaluation of technical proposals shall be opened in the presence of the representatives of these firms, who shall be invited for the occasion and who care to attend. The Client shall inform the date, time and address for opening of financial proposals as indicated in the data Sheet. The total cost and major components of each proposal shall be publicly announced to the attending representatives of the firms.
- 5.3.2 The evaluation committee shall determine whether the financial proposals are complete and without computational errors. The lowest financial proposal (Fm) among all shall be given a financial score (Sf) of 1000 points. The financial scores of the proposals shall be computed as follows:

$$Sf = (1000 \times Fm) / F$$

(F = amount of specific financial proposal)

- 5.3.3 Proposals, in the quality cum cost based selection shall finally be ranked according to their combined technical (S_t) and financial (S_f) scores using the weights (T- the weight given to the technical proposal, P = the weight given to the financial proposal; and $T+P=1$) indicated in the Data Sheet:

$$S = S_t \times T \% + S_f \times P \%$$

6. NEGOTIATION

- 6.1 Prior to the expiration of proposal validity, the Client shall notify the successful Consultant that submitted the highest ranking proposal in writing, by registered letter, cable telex or facsimile and invite it to negotiate the Contract.
- 6.2 Negotiations normally take from two to five days. The aim is to reach agreement on all points and initial a draft contract by the conclusion of negotiations.
- 6.3 Negotiations shall commence with a discussion of your technical proposal. The proposed methodology, work plan, staffing and any suggestions you may have made to improve the TOR. Agreement shall then be reached on the final TOR, the staffing, and the bar charts, which shall indicate activities, staff, periods in the field and in the home office, staff months, logistics and reporting.
- 6.4 Changes agreed upon shall then be reflected in the financial proposal, using proposed unit rates (no negotiation of the staff month rates).
- 6.5 Having selected Consultants on the basis of, among other things, an evaluation of proposed key professional staff, the Client expects to negotiate a contract on the basis of the staff named in the proposal. Prior to contract negotiations, the Client shall require assurances that the staff members will be actually available. The Client shall not consider substitutions of key staff except in cases of un-expected delays in the starting date or incapacity of key professional staff for reasons of health.
- 6.6 The negotiations shall be concluded with a review of the draft form of the contract. The Client and the Consultants shall finalize the contract to conclude negotiations. If negotiations fail, the Client shall invite the Consultants that received the second highest score in ranking to Contract negotiations. The procedure will continue with the third in case the negotiation process is not successful with the second ranked consultants.

7. AWARD OF CONTRACT

- 7.1 The contract shall be awarded after successful negotiations with the selected Consultants and approved by the competent authority. Upon successful completion of negotiations/initialing of the draft contract, the Client shall promptly inform the other Consultants that their proposals have not been selected.
- 7.2 The selected Consultant is expected to commence the Assignment on the date and at the location specified in the Data Sheet.

8. CONFIRMATION OF RECEIPT

8.1 Please inform the Client by telex/facsimile courier or any other means:

- (i) That you received the letter of invitation;
- (ii) Whether you will submit a proposal; and
- (iii) If you plan to submit a proposal, when and how you will transmit it.



General Manager (P&CA)
National Highway Authority
Ministry of Communications
Government of Pakistan
28-Mauve Area, G-9/1, Islamabad
E-mail gmpca@nha.gov.pk
Website: www.nha.gov.pk
Telephone: 9251-8351727
Fax: 9251-9260419

**LETTER OF INVITATION
DATA SHEET**

LOI
Clause # _____

1.1 The name of the Assignment is:

**Design Review and Construction Supervision of Sultan Bahoo Bridge over River Chenab
between Shorkot and Garh Maharaja.**

The name of the Client is:

National Highway Authority

1.2 The description and the objectives of the assignment are:

As per TOR

1.3 Phasing of the Assignment (if any):

Nil

The Consultant shall commence the services for detailed design upon receipt of Letter of Acceptance (LOA).

1.5 Pre-Proposal Conference: Yes _____ No _____

The name(s) and address(es) of the Official(s) is (are):

General manager (P&CA)
National Highway Authority
28 Mauve Area, G-9/1
Islamabad

1.6 The Client shall provide the following inputs:

As per TOR and Appendix D

1.8 The Invited firms are:

1. M/s EA Consulting (Pvt.) Ltd.
2. M/s REC in association of M/s Umar Munshi
3. M/s Loya Associates in association with M/s CECON
4. M/s ACE in association with M/s Asif Ali & Associates

2.1 The Documents are: {TOR/Background information, Draft Form of Contract, Sample Formats/Appendices etc.}:

RFP Enclosed

2.2 The address for seeking clarification is:

GM (P&CA)
National Highway Authority
28 Mauve Area, G-9/1,
Islamabad
E-mail gmpca@nha.gov.pk

3.3

- i) Short – listed firms may associate with another short-listed firm Yes _____ No
- ii) The estimated number of key professional staff months is: **128**
- iii) Proposed key staff shall preferably be permanent employees who are employed with the consultants at least six months prior to submission of Proposal.
Yes No _____
- iv) The minimum required experience of proposed Key staff is:

Resident Engineer.

- i. Minimum BSc. (Civil Engg.), however post graduation in construction management would get preference.
ii. Minimum 15 years of experience on supervision of Highway projects/Bridge projects.
iii. Should be well conversant with Contract Management and FIDIC.
iv. He should be computer literate with working knowledge of Project Management Softwares i.e. Prima Vera, MS Project etc.

Assistant Resident Engineer.

- i. Minimum BSc. (Civil Engg.), however post graduation in Highways/ Structures would get preference.
ii. Minimum 10 years of experience on Highway projects/Bridge projects.
iii. Should be well conversant with Contract Management and FIDIC.
iv. He should be computer literate with working knowledge of Project Management Softwares i.e. Prima Vera, MS Project etc.

Material Engineer

- i. Minimum BSc. (Civil Engg) or Bachelor degree in Engineering Geology
ii. Must have minimum 15 years of experience with 10 years of experience of working on Highway Projects and Highway Laboratories.
iii. Must be well conversant with all types of material specifications and testing regimes applicable in Asphalt, Unbound material, earthwork and concrete.
iv. Should have thorough knowledge of material specifications and testing procedures as laid out by AASHTO, ASTM, British Standards and NHA General Specifications.
v. An upto date knowledge of current practices and modern testing equipment /methods shall be expected.
vi. Adequate Experience in testing of aggregate, cement asphalt and other engineering materials.
vii. Candidates are expected to have performed and prepared Job Mix Formula with variety of aggregate gradations and for various temperature regimes.
viii. Material Engineer must have command over preparation of concrete mix design for various strengths.

Other professionals

Relevant Professional Degree/ diploma with 10-15 years relevant experience.

3.4 Training is an important feature of this Assignment:

Yes _____ No

3.7 Professional liability, insurances (description or reference to appropriate documentation):

- i. **The Consultants shall be responsible for Professional Indemnity Bond of the required amount at their own cost. This bond shall be in the joint name of Consultant and the Employer.**
- ii. **The Consultants are required to insure their Employees and Professionals for Hospitalization/ Medical, Travel and Accident Cover for the duration of the Contract. The details provided in Para 3.5 of Special Conditions of Contract in Model Contract.**

4.1 The number of copies of the Proposal required is:

Technical Proposal: One Original and Three copies.

Financial Proposal: One Original with CD in sealed envelope.

4.2 The address for writing on the proposal is

General Manager (P&CA)
National Highway Authority
28, Mauve Area G-9/1 Islamabad
Telephone: 051-8351727
Facsimile 051-9260419

4.3 The date and time of proposal submission is: **1130 hours on 29th March 2010.** (Technical Proposals shall be opened at 1200 hours on the same day)

4.4 Validity period of the proposal is:

120 days.

The location for submission of proposal is:

GM (P&CA) Office, NHA.

5.2 The evaluation of technical proposal shall be based on following criteria:

| | <u>Description/Items</u> | <u>Points</u> |
|------|--|---------------|
| i. | Qualification of the Firm | [100] |
| ii. | Approach & Methodology | [50] |
| iii. | Work Plan | [50] |
| iv. | Qualification and competence of the Key Staff for the Assignment | [700] |
| v. | Present commitment and past performance of the firm | [100] |
| | Total Points: | 1000 |
| - | The minimum qualifying technical score | 70% |

[are: The points earmarked for evaluation sub criteria (iv) above for suitability of key staff

| | <u>Description/Items</u> | <u>Points</u> |
|------|--|---------------|
| i. | Academic and General Qualifications | [30] |
| ii. | Professional experience related to the Project | [60] |
| iii. | Status with the firm (Stay with the firm) | [10] |
| | Total Points: | 100] |

5.3 The date, time and address of the financial proposal opening are: After evaluation and approval of technical proposals (to be informed later).

5.4 The weights given to the Technical and Financial Proposals are:

Technical (80%)
Financial (20%)

7.2 The assignment is expected to commence in:

Date: **April 2010**

SUMMARY EVALUATION SHEET FOR FULL TECHNICAL PROPOSALS (QCBS)

| EVALUATION CRITERIA | | Max. Weight* | Firm 1 | | Firm 2 | |
|---|---------------------------------|--------------|--------|-------|--------|-------|
| | | | Rating | Score | Rating | Score |
| I. Firms Experience | | 100 | | | | |
| | General Experience of the firm | 25 | | | | |
| | Specific Experience of the firm | 75 | | | | |
| II. Approach and Methodology | | 50 | | | | |
| III. Work Plan (including staffing) | | 50 | | | | |
| IV. Personnel (Areas of Expertise) (Qualification and Competence of Key/Proposed staff) | | 700 | | | | |
| | a) Resident Engineer | 300 | | | | |
| | b) ARE | 100 | | | | |
| | c) Material Engineer | 200 | | | | |
| | d) Quantity Surveyor | 100 | | | | |
| V. Present commitment and past performance of the firm. | | 100 | | | | |
| The basis for this is the report from Design section of NHA under whose direction the works have been carried out. The current commitments are to be assessed as per works in hand by the consultant. | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| TOTAL | | 1000 | | | | |

Excellent-100%. Very Good - 90% Above Average - 80% Average - 70% Below Average - 50% Non-complying - 0%
 Score: Maximum Weight X rating / 100.
 Minimum qualifying score is 70% or 700 marks.

27

PERSONNEL EVALUATION SHEET

| POSITION / AREA OF EXPERTISE | Name | Academic and General Qualification Weight 30% | | Project related Experience Weight 60% | | Status with the Firm 10% | | OVERALL RATING (Sum of Weighted Ratings) (A+B+C) |
|------------------------------------|------|--|---------------------|--|---------------------|-----------------------------|---------------------|--|
| | | Percentage Rating | Weighted Rating (A) | Percentage Rating | Weighted Rating (B) | Percentage Rating | Weighted Rating (C) | |
| (Show all experts to be evaluated) | | | | | | | | |
| Resident Engineer | | | | | | | | |
| ARE | | | | | | | | |
| Material Engineer | | | | | | | | |
| Quantity Surveyor | | | | | | | | |

Rating: - Excellent - 100% Very good - 90% Above Average - 80% Average - 70% Below Average - 50% Non-complying-0%
Score = Maximum Weight X rating /100

Ph.D. 100% **M.Sc** - 90% **B.Sc** - 80% **Diploma** - 60%
Full time - 100% **Part time with previous associations** - 50% **Part time only for this assignment** - 0%

27

TECHNICAL PROPOSAL FORMS

FIRM'S REFERENCE

**Relevant Services Carried Out in the Last Ten Years
Which Best Illustrate Qualifications**

Using in the format below, provide information on each reference assignment for which your firm, either individually as a corporate entity or as one of the major companies within a consortium, was largely contracted.

| | | |
|--|--------------------------|--|
| Assignment Name: | | Country: |
| Location within Country: | | Professional Staff Provided by Your Firm: |
| Name of Client: | | No of Staff: |
| Address: | | No of Staff Months: |
| Start Date (Month/Year): | Completion (Month/Year): | Date |
| | | Approx. Value of Services (in Current USD/Rs.) |
| Name of Associated Firm (s), if any: | | No. of Months of Professional Staff Provided by Associated Firm(s) |
| Name of Senior Staff (Project Director/Coordinator, Team Leader) involved and functions performed: | | |
| Narrative Description of Project | | |
| Description of Actual Services Provided by Your Staff | | |

Consultants'

Name: _____

48

**APPROACH PAPER ON METHODOLOGY PROPOSED
FOR PERFORMING THE ASSIGNMENT – DESIGN REVIEW
& CONSTRUCTION SUPERVISION SERVICES**

**COMMENTS/SUGGESTIONS OF CONSULTANT – TOR DESIGN
REVIEW & CONSTRUCTION SUPERVISION SERVICES**

On the Terms of Reference (TOR)

- 1.
 - 2.
 - 3.
 - 4.
 - 5.
 - 6.
- Etc.

On the data, services and facilities to be provided by the Client indicated in the TOR: Design Services

- 1.
 - 2.
 - 3.
 - 4.
 - 5.
- Etc.



FORMAT OF CURRICULUM VITAE (CV) FOR PROPOSED KEY STAFF – DESIGN REVIEW & CONSTRUCTION SUPERVISION SERVICES

1. Proposed Position: _____
2. Name of Firm: _____
3. Name of Staff: _____
4. Profession: _____
5. Date of Birth: _____
6. Years with Firm: _____
7. Nationality: _____
8. Membership in Professional Societies: _____
(Membership of PEC is Mandatory)
9. Detailed Tasks Assigned on the Project: _____

10. Key Qualifications:

[Give an outline of staff member's experience and training most pertinent to tasks on assignment. Describe degree of responsibility held by staff member on relevant previous assignments and give dates and locations. Use upto one page].

11. Education

[Summarize college/university and other specialized education of staff member, giving names of institutions, dates attended and degrees obtained].

12. Employment Record

[Starting with present position, list in reverse order every employment held. List all positions held by staff member since graduation, giving dates, names of employing organizations, title of positions held and location of assignments. For experience in last ten years, also give types of activities performed and Client references, where appropriate].

13. Languages

[Indicate proficiency in speaking, reading and writing of each language: excellent, good, fair, or poor].

14. Certification

I, the undersigned certify that to the best of my knowledge and belief, these bio-data correctly describe myself, my qualifications and my experience.

Signature of Staff Member

Date: _____
Day/Month/Year

Or:

Authorized official from the firm

***Signing of the CV by the staff member is deemed to be mandatory, or it may lead to a negative impact on part of the Consultant.**