

**PRE-QUALIFICATION OF CONTRACTORS/ FIRMS
FOR
CONSTRUCTION OF MAKHI FARASH LINK CANAL
PROJECT (CHOTIARI PHASE-II) FOR WATER SUPPLY
TO THAR COAL.**

**EARTHWORK, STRUCTURES, STONE PITCHING
C.C LINING OF CANAL/ CHANNEL & MINORS**

**IN ACCORDANCE WITH TRANSPARENCY
INTERNATIONAL PAKISTAN KARACHI.**

**CHOTIARI RESERVOIR PROJECT CIRCLE
SANGHAR**

NOVEMBER 2015

PRICE RS.3000 (NON-REFUNDABLE)

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INTRODUCTION

Government of Pakistan have approved the scheme for construction of Makhi Farash Link Canal Project (Chotiari Phase-II) for Water Supply to Thar Coal @ cost of Rs.10612.00 Million at 50:50 sharing basis by Federal Government & Government of Sindh. The funds have allocated during the current year 2015-16 at 50% sharing, through Energy department under the Public Sector Development Project (PSDP) & Annual Development Programme (ADP).

The Administrative Approval has been accorded by Government of Pakistan, Ministry of Water & Power vide letter No. DW-3(3)/2014, dt.28-09-2015 conveyed by Secretary Irrigation Department vide No. SO(Dev:)15-215/2010/, dated.12-10-2015. The provision of the workS are as under:-

Component – 1

Earth work, CC Lining OF Channels, Canal, Minors, Structures i.e Cross Regulators, Head Regulators, Village Road Bridges, Road Culverts, Pipe Outlets etc, Groynes, Stone Pitching, Building, Commissioning of the Project etc.

Component – 2

Construction of new C.C Lined Channel, Structures i.e Head Regulators, Main Road Bridges, Village Road Bridges, Syphon, Water Course Crossings, etc.

Approved



Chief Engineer
Irrigation Development Region-II
Hyderabad

INSTRUCTIONS TO APPLICANTS

3.1 Submission of Applications

- 3.1.1 Application for pre-qualification (one original and 2 Nos. Copies) must be received in sealed envelopes to be delivered by hand or through registered mail to:

PD/S.E. Chotiari Reservoir Project Circle, Sanghar

Camp office @ Left Bank Barrage Colony Hyderabad (Address)
Not later than 23-12-2015.

23rd December 2015 (Date which should allow a time period minimum of 4 weeks, preferably 8-9 weeks or even more is so warranted by size and complexity of the project).

and be clearly marked "application for Pre-qualification" for contractors (s) and numbers (s) of contract (s). The employer Chief Engineer Irrigation Development Region-II Hyderabad, reserves the right to accept or reject the late application.

- 3.1.2 The name of mailing address of the applicant shall be clearly marked on left hand on the envelope.
- 3.1.3 The application shall be prepared in English Language, information in any other language shall be accomplished by its translation in English. Employer reserves the right for dis-qualification in case of non-compliance of the above requirement.
- 3.1.4 The application must respond to all questions and provide complete information as advised in this document. Any lapses to provide essential information may result in dis-qualification of the applicant.
- 3.1.5 The clarification meeting (will be (will not be)) held. The time date and place of the meeting is as follows, where all perspective application may request clarification about the project and the evaluation criteria. (delete if not applicable)

Location: @ Project Director/ SE Chotiari Reservoir Project Circle, Sanghar Camp Office @ Left Bank Barrage Colony or Chief Engineer Irrigation Development Region-II, 28-A, Civil Line Hyderabad.

Time: 2:00pm

Date: 26-12-2015

3.2 Qualification Criteria

3.2.1 General

Pre-qualification will be based on all the criteria given in succeeding Paras 3.2.2 to 3.2.6 regarding the Applicants general & particular experience, personnel, equipment capabilities, and financial position, as demonstrated by the application response in the forms attached to this letter. The employer reserves the right to waive minor deviations, if these don't materially affect the capability of an applicant to perform the contract. Sub-contractor's experience and resources shall not be taken into account in determining the applicant's compliance with the qualifying criteria. However, joint venture experience and resources shall be considered. Consortium of Association of firms will be considered for similar treatment as in case of Joint Venture.

3.2.2 General Experience

The application shall meet the following minimum criteria:-

- a) Average annual turnover which is also termed as Income from contracting, Revenue of Sales and is defined as billing for works in progress and completed over the last given years of Rs.300 Million are equivalent.
- b) Successful experience as prime contractor in the execution of at least one to three projects of a similar nature and complexity comparable to the proposed contract (s) with the last five years. The experience should include _____ / indicate annual rate for key construction activities in the proposes contract of works. The annual rate should equal about 80 percent of expected peak rates of construction of the key activity in the contract of works.

3.2.3 Personal Capabilities

The applicant must have in his employment suitably qualified personnel to fill the following key management and specialist position (both should meet the specified experience requirements).

| Position | Total Experience (Years) | In similar Works (Years) | As Manager of Similar Works (Years) |
|-----------------|--------------------------|--------------------------|-------------------------------------|
| Project Manager | Minimum 8 Years | Minimum 5 Years | Minimum 3 Years |
| Alternate | Minimum 6 Years | Minimum 3 Years | Minimum 2 Years |
| Others Position | Minimum 8 Years | Minimum 5 Years | Minimum 3 Years |
| Alternate | Minimum 6 Years | Minimum 3 Years | Minimum 2 Years |

Note: The user / employer and add / delete or change the position column as per the requirement.

3.2.4 Equipment Capabilities

(a) The applicant should own, or have assured access to (through rented lease, purchase agreement or other means) the following key items of equipment (limited to only major items of equipments) in full working order and must demonstrate, the based on known commitments, these will be available for deployment on the proposed contract or works. The applicant may also list alternative equipment which he would propose for the contract together with an explanation of the alternate proposal.

| S. No. | Equipment Type & Characteristic | Minimum Number required |
|--------|---|-------------------------|
| 1 | Hydrolic Excavator Machine Chain Type. | 4 Nos. |
| 2 | Hydrolic Excavator Machine Wheel Type. | 4 Nos. |
| 3 | Sheep Foot Roller | 2 Nos. |
| 4 | Dozers, Dumpers & Loaders (1+4+2) | 7 Nos. |
| 5 | Pile Drilling Equipment set | 1 No |
| 6 | Concrete Mixer Machines & Concrete Lining Machine | 3 Nos. |
| 7 | Surveying Equipment Set | 1 No |
| 8 | Sieve Analysis Set (Crush & Sand) | 2 Nos |

(b) The employer will also provide the following special equipments:

| S. No. | Equipment Type & Characteristic |
|--------|---------------------------------|
| 1 | NIL |
| 2 | |
| Etc. | |

Note: The user / Employer is required fill in the above lists of Equipments in Para (a) & (b).

3.2.5.1 Final Position:

The applicant should demonstrate that he has access to or has available liquid assets, un-encumbered real assets, lines of credit and other financial means sufficient to meet the construction cash flow for the execution works. Applicant's commitments for other ongoing shall also be considered.

[The duration for the ongoing contracts is calculated by allowing time of construction from beginning of month invoiced plus the time needed by the Employer to pay the certified amount].

3.2.5.1 The audited balance sheets for the past five years should demonstrate the soundness of the applicant's financial position showing long term profitability. Where necessary, the employer will make enquiries with the applicant's bankers.

3.2.6 Litigation History

The applicant should provide on non judicial stamp paper work Rs.100/- for accurate information on any litigation or arbitration resulting from contracts complete or under execution over the last five years. A consistent history of award against the applicant or any partner of a joint venture may result in rejection of the application.

Note Transparency International Pakistan

Financial Position – General Information

- i. The purpose of assessing the financial soundness of the Applicants is to reassure the Employer that the individual applicant's financial standing in its whole does not have structural weakness that may result in the Applicant's financial inability to perform, and to give an indication of the scope and value of the work the Applicant would be able to undertake. To place of detailed analysis in context, it is necessary to look at trends in key figures over a number of years and to make comparisons of the firm's annual activities to the same firm's results from previous years.
- ii. Because of differing international accounting practices and tax laws, published information on the financial position of companies and financial ratios derived there from do not provide a uniform and satisfactory basis to compare the financial standing of an applicant with other applicants for prequalification purposes. Nevertheless, audited financial statements or balances sheet should be sought as a general guide to the financial situation of the applicant. Firms owned by individuals and partnerships may not be required to maintain audited accounts by the laws of tier countries of origin. In such cases, balance sheet should be certified by a registered accountant and supported by tax returns.
- iii. In any case IPD should require applicants to provide the following background information to support the presentation in the information Forms:
 - Audit or certified financial statements for the last five years or for the period stated in the prequalification notices, supported respectively by audit statement or tax returns and.
 - Name and addresses of the Applicants banker (s), as well as the names and addresses of clients or organizations familiar with its financial standing.

Development of indicators and Ratios

The financial information provided by an applicant should be reviewed in its entirety to allow a truly informed judgment, and the pass-fail decision on the financial position of the applicant should be given on this basis. To assist in this review, the

Indicators used most frequently are **working capital and net worth**. The following table summarizes the financial information of an example firm as would be reported an applicant in the

Form A 10, as well as an evaluation by the Employer of the Applicant's **working capital and net worth.**

Financial information (Rs. Million equivalent)

| | Actual: Previous five years | | | | | Projected: Next two years | |
|-------------------------|--------------------------------|-----|-----|-----|-----|------------------------------|-----|
| | 5 | 4 | 3 | 2 | 1 | 1 | 2 |
| 1. Total Assets | 185 | 190 | 200 | 230 | 250 | 255 | 253 |
| 2. Current Assets | 120 | 130 | 145 | 140 | 150 | 160 | 162 |
| 3. Total Liabilities | 90 | 105 | 100 | 110 | 115 | 120 | 126 |
| 4. Current Liabilities | 70 | 65 | 70 | 75 | 78 | 90 | 95 |
| 5. Profits before taxes | 14 | 13 | 13 | 14 | 18 | 21 | 21 |
| 6. Profits after taxes | 10 | 9 | 9 | 10 | 13 | 15 | 15 |

Overview Analysis

| | | | | | | | |
|------------------------------|-----|----------|------|------|------|------|------|
| 7. New woth (1) - (3) | 95 | 85 | 100 | 120 | 135 | 13.5 | 127 |
| 8. Current ratio (2) / (4) | 1.7 | 2.0 | 2.1 | 1.9 | 1.9 | 1.8 | 1.7 |
| 9. Turn on equity % (5)/ (7) | | 13. 7 | 15.3 | 14.0 | 15.0 | 15.5 | 15.5 |

Letter of Application

To,

The Project Director,
Chotiari Reservoir Project Circle,
Sanghar, Camp Office @ Hyderabad

Subject: PREQUALIFICATION DOCUMENTS

Sir,

1. Being duly authorized to represent and act on behalf of (), and having reviewed and fully understood all the pre-qualification information provided, the undersigned hereby apply to be prequalified by yourselves as a bidder for the following contract(s) under the prequalification for *Construction of Makhi Farash Link Canal (Chotiari Phase-II) for water supply to Thar Coal.*

| Contract Number | Contract Name |
|-------------------------|---------------|
| 1. Earth Work | |
| 2. Structure | |
| 3. CC Lining of Channel | |
| 4. | |
| 5. | |

[Note: The applicant may delete any contract for which he does not wish to prequalify and sign and date the deletion. If the prequalification refers to only one contract, delete this not and spaces for additional contract references],

2. Attached to this letter are copies of original documents defining
- a) The applicant's legal status;
 - b) The principal place of business, and
 - c) The place of incorporation (for applicants who are corporations); or the place of registration and the nationality of the owners (for applicants who are partnerships or individually-owned firms).
3. The Employer and its authorized representatives are hereby authorized to conduct any inquiry or investigations to verify the statements, documents, and information submitted in connection with this application, and to seek clarification from our bankers and clients regarding

any financial and technical aspects. This letter of application will also serve as authorization to any individual or authorized representative of any institution referred to in the supporting information, to provide such information deemed necessary and requested by yourselves or the authorized representative to verify statements and information provided in this application, or with regard to the resources, experience, and competence of the applicant.

4. The Employer and its authorized representatives may contact the following persons for further information.

| General and Managerial Enquiries | |
|---|-------------|
| Contact 1 | Telephone 1 |
| Contact 2 | Telephone 2 |

| Personal Enquiries | |
|---------------------------|-------------|
| Contact 1 | Telephone 1 |
| Contact 2 | Telephone 2 |

- i. *For application by joint venture, all the information requested in the Pre-qualification documents is to be provided for the joint ventures, if it already exist, and for reach party to the joint venture separately. The lead partner should be clearly identified. Each partner in the joint venture will sign the letter.*
- ii. *Application by joint venture should provide on a separate sheet equivalent information for each party to application.*

| Technical Enquiries | |
|----------------------------|-------------|
| Contact 1 | Telephone 1 |
| Contact 2 | Telephone 2 |

| Financial Enquiries | |
|----------------------------|-------------|
| Contact 1 | Telephone 1 |
| Contact 2 | Telephone 2 |

5. This application is made with the full understanding that:

a) Bids by prequalified application will be subject to verification of all information submitted for prequalification at the time of bidding.

b) The Employer reserves the right to:

- i. Amend the scope and value of any contracts bid under this project; in such event. Bids will be called only from pre-qualified bidders who meet the revised requirements; and
- ii. Reject or accept any application, cancel the prequalification process, and reject applications.

c) The Employer will not be liable for any such actions and will be under no obligation to inform the applicant of the ground for them.

6. Appended to this application, we give details of the participation of each party, including capital contribution and profit/ loss agreements, to the joint venture or association. We also specify the financial commitment in terms of the percentage of the value of the/ each contract, and the responsibilities for execution of the contract.

7. We confirm that in the event that we bid, that bid as well as any resulting contract will be:

- i. Signed so as to legally bind all partners, jointly and severally; and
- ii. Submitted with a joint venture agreement providing the joint and several liability of all partners in the event the contract is awarded to us.

8. The undersigned declare that the statement made and the information provided in the duly completed application are complete, true, and correct in every detail.

| | |
|--------------------------------------|--------------------------------------|
| Signed | Signed |
| Name: | Name |
| For & on behalf of (name of partner) | For & on behalf of (name of partner) |

| | |
|--------------------------------------|--------------------------------------|
| Signed | Signed |
| Name: | Name |
| For & on behalf of (name of partner) | For & on behalf of (name of partner) |

| | |
|--------------------------------------|--------------------------------------|
| Signed | Signed |
| Name: | Name |
| For & on behalf of (name of partner) | For & on behalf of (name of partner) |

General Information

All individual firms and each partner of a joint venture applying for prequalification must complete the information in this form. Nationality information is also should be provided for owners or applicants that are partner or individually owned firms.

Where the Applicant proposes to use named subcontractors for critical components of the works or for work contents in excess of 10 percent of the value of the whole works, the following information should also be supplied for the specialist subcontractor(s).

| | | |
|---|---|-------------------------------------|
| 1 | Name of Firm: | |
| 2 | Head Office Address | |
| 3 | Local Address (if any) | |
| 4 | Telephone | Contact Person: Name: Title: |
| 5 | Fax ----- | Telex ----- |
| 6 | Place of Incorporation/ Registration | Year of incorporation/ registration |
| 7 | Main lines of Business | |
| | | |
| | | |
| | | |
| | | |
| | | |

| NATIONALITY OF OWNERS | | |
|-----------------------|------|-------------|
| | NAME | NATIONALITY |
| 1 | | |
| 2 | | |

Annual Turnover Data

Name of Applicant or partner of a joint venture

All individual firms and all partner of a joint venture must complete the information in this form. The information supplied should be the annual turnover of the Applicant (or each member of a joint venture), in terms of the amounts billed to clients for each year for work in progress or completed.

Use a separate sheet for each partner of a joint venture.

| Annual Turnover (Construction only) for the last three years | | |
|--|----------------------------------|---------------------------------|
| Year | Turnover (in actual currency) | Equivalent Rupees in Million |
| 1. | | |
| 2. | | |
| 3. | | |

Joint Venture Data

A copy of the joint venture agreement must be attached to Form VI. In case of the joint venture agreement is not acceptable to (Name of executing agency) the joint venture may be requested to modify the agreement accordingly. Failure to submit a modified joint venture agreement within 21 days upon receipt by the applicant of the request for modification will disqualify the applicant for further consideration.

| Name of all partners of a joint venture | |
|---|--------------|
| 1. | Lead Partner |
| 2. | Partner |
| 3. | Partner |
| 4. | Partner |
| 5. | Partner |
| 6. | Partner |

Total value of annual construction work turnover, in terms of work billed to clients.

| Annual turnover data (construction only; for the last three years in Pak Rupees. | | | |
|--|--------------|--------|--------|
| | Year-1 | Year-2 | Year-3 |
| 1. | Lead Partner | | |
| 2. | Partner | | |
| 3. | Partner | | |
| 4. | Partner | | |
| 5. | Partner | | |
| 6. | Partner | | |
| | Totals | | |

Experience in Contracts of Similar Works

Name of Applicant or partner of a joint venture

Use a separate sheet for each contract. *Complete list of contracts attached*

| | |
|----|--|
| 1 | Name of Contract Country |
| 2 | Name of Employer |
| 3 | Employer Address |
| 4 | Nature of Work |
| 5 | Contractor Role <input type="checkbox"/> Sole Contractor <input type="checkbox"/> Sub Contractor <input type="checkbox"/> Partner in a JV |
| 6 | Value of the total contract (in specified currencies at completion, or at date of award for current contract) Currency..... Currency..... Currency..... |
| 7 | Equivalent in Pak/Rs. |
| 8 | Date of Award |
| 9 | Date of Completion |
| 10 | Contract Duration (years and Months) _____ Years _____ Months |
| 11 | Specified requirements Ten years experience of working on Irrigation and Drainage Works of Wapda Irrigation and Power Department in any of the provinces of Pakistan. |

Summary Current Contract Commitments/ Works in progress.

Name of Applicant or partner of a joint venture

Applicant and each partner to an application should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which substantial completion certificate has yet to be issued.

| Name of Contract | Value of Outstanding work (Equivalent Pak Rs. Million) | Estimated Completion Date |
|------------------|--|---------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |

Personnel/ Staff Proposed for the Project

| |
|---|
| Name of Applicant or partner of a joint venture |
|---|

For specific positions essential to contract implementation, Applicants should provide the names of at least two candidates qualified to meet the specified requirements stated for each position. The date on their experience should be supplied on separate sheet using one form X for for each candidate.

| | |
|----|-----------------------------|
| 1. | Title of Position |
| | Name of Prime Candidate |
| | Name of Alternate Candidate |
| 2. | Title of Position |
| | Name of Prime Candidate |
| | Name of Alternate Candidate |
| 3. | Title of Position |
| | Name of Prime Candidate |
| | Name of Alternate Candidate |
| 4. | Title of Position |
| | Name of Prime Candidate |
| | Name of Alternate Candidate |
| 5. | Title of Position |
| | Name of Prime Candidate |
| | Name of Alternate Candidate |

Equipment Proposed for the Project

Name of Applicant

The Applicant shall provide adequate information to demonstrate clearly that it has the capability to meet the requirement for each and all items of equipment listed in the instructions to applicants. A separate form XI will be prepared for each item of equipment listed proposed by the Applicant. For each item of equipment, the Applicant should attach a copy of ownership certificate or lease agreement.

| Item of equipment | | |
|-----------------------|--|--|
| Equipment information | | |
| Current Status | | |
| Sources | | |

Omit the following information if it is owned by the Applicant or partner.

| | | |
|-----------|--|------------------------|
| Owner | Name of Owner | |
| | Address of Owner | |
| | Telephone | Contact name and title |
| | Fax | Telex |
| Agreement | Details of rental/ Lease specific to the Project | |
| | | |

Financial Data

| |
|-------------------|
| Name of Applicant |
|-------------------|

Applicant including each partner of a joint venture, should provide financial information to demonstrate that they meet the requirements for Pre-Qualification. Each applicant or partner of a joint venture must fill in this form. If necessary, use separate sheet to provide complete bank information. A copy of the audited balance sheet for each of the last three years should be attached.

| | | |
|---------------|-------------------|------------------------|
| Banker | Name of Banker | |
| | Address of Banker | |
| | Telephone | Contact Name and Title |
| | Fax | Telex |

Summarize actual assets and liabilities for the previous three years.

| Financial information in Pak Rs. Or Equivalent | Previous Three years (Pak Rupees) | | |
|--|-----------------------------------|--|--|
| | | | |
| 1. Total Assets | | | |
| 2. Current Assets | | | |
| 3. Total Liabilities | | | |
| 4. Current Liabilities | | | |
| 5. Profits before taxes | | | |
| 6. Profit after taxes | | | |

Specific proposed sources credit line to meet the cash flow demands of the Project.

| Source of Financing | Amount (Pak Rs.) |
|---------------------|---------------------|
| 1. | |
| 2. | |
| 3. | |
| 4. | |

Attach audited financial statement for the last five years (for individual applicant or each partner of joint venture).

Firms owned by individuals, and partnerships may submit their balance sheets certified by a registered accountant, and supported by copies of tax returns, if audits are not required by the laws.

Additional Information

Name of Applicant or Partner of a Joint Venture

1. Please describe: Company's history of litigation or arbitration from contracts executed in the last six years or currently under execution. Please indicate for each case the year, name of employer, cause of litigation, matter in dispute, disputed amount, and whether the award was for or against the company.
2. Please add any further information that you consider relevant to the evaluation of your application for pre-qualification. If you wish to attach other documents, please list below.

Note:- Applicants should not enclose testimonials, certificates, certificates, and publicity material with their applications; they will not be taken into account in the evaluation of qualifications and will be discarded.

CRITERIA OF PRE-QUALIFICATION FOR THE WORKS OF CHOTIARI RESERVOIR PROJECT CIRCLE,

Evaluation Criteria for Pre-Qualification

The Criteria developed for evaluation of the Pre-Qualification applicant is detailed as under:-

The main capabilities i.e Financial, Technical and Experience of Each contractor / Firms will be seen for evaluating purpose on the basis of Maximum Score (points) for each capability as given below.

| Items / Capability | Maximum Score / Points |
|--------------------|------------------------|
| i) Financial | 30 |
| ii) Technical | 30 |
| iii) Experience | 40 |
| Total Score/ Point | 100 |

Over all minimum acceptable score points will be 60% for Pre-Qualification pupose.

A) The weight age of each of the Pre-Qualification Factor / Sub-Factor adopted is given below:-

| | | |
|---------------|-------------------------------------|---|
| FACTOR | MAXIMUM SCORE (POINT) 30 | MINIMUM ACCEPTABLE SCORE (POINTS) 60 |
|---------------|-------------------------------------|---|

| Sub-factor of Financial capacity evaluation are as under | | Weighting (Points) |
|--|--|--------------------|
| Sub Factor | | |
| Average annual income (i.e Profit after Tax) from contract works | | |
| a) (Last 5 Years) Bid Capacity based on | | 10 |
| b) Last 5 years Available Credit Line | | 10 |
| c) (Reputable bank) | | 10 |
| Maximum Points | | 30 |

II) Technical Capability

| Sub Factor | Weighting (Points) |
|---|-----------------------|
| a) Site Management | |
| i) Project Organization and Management | |
| Inadequate: | 0 |
| Marginal: | 2 |
| Satisfactory: | 3 |
| ii) Sub-Contracting (Number & Pattern) | |
| Inadequate: | 0 |
| Marginal: | 2 |
| Appropriate: | 3 |
| b) Key Technical Personal & Project Manager Competence and Qualification | |
| i) Key Technical Personnel | |
| Inadequate: | 0 |
| Marginal: | 3 |
| Satisfactory: | 6 |
| Superior: | 8 |
| ii) Project Manager | |
| Inadequate: | 0 |
| Marginal: | 3 |
| Satisfactory: | 6 |
| Superior: | 4 |
| Plant and Equipment | |
| Unsatisfactory: | 0 |
| Marginal: | 4 |
| Satisfactory: | 8 |
| Firm Arrangement/ Source: | 12 |
| Maximum Point | |

| FACTOR | MAXIMUM SCORE (POINT) 30 | MINIMUM ACCEPTABLE SCORE (POINTS) 60 |
|--------|-----------------------------|---|
|--------|-----------------------------|---|

III) Experience

Sub-Factors of experience Evaluation are as under

| Sub Factor | Weighting (Points) |
|--|-----------------------|
| a) Experience as main Contract/ Lead Partner | 6 |
| b) Experience as main Contract/ Lead Partner in Similar works, | 6 |
| c) Experience with similar Nature works (Nos of Contractor of size “/” completed in last 10 years) | 12 |
| d) Experience with similar Site conditions of Similar / value contracts (Nos of contracts) of size “/” completed in last 10 years. | 10 |
| c) Past Performance (Nos of reference) | |
| Maximum Points | 40 |

System adopted forwarding points in respect of the above factors/ Sub-Factors of Evaluation is detailed as under.

**PRE-QUALIFICATION OF
CONSTRUCTION OF MAKHI FARASH LINK CANAL (CHOTIARI
PHASE-II) WATER SUPPLY TO THAR COAL.**

SCORING TABLE

Name of Firm:

Evaluation Criteria for Pre-Qualification

| 1. Financial Capacity | | |
|--|---------------------------|---------------|
| Financial Capacity is assessed based on two factors, namely Estimated cost of works (V) in Million Rupees and Time of Completion of Contract (T) in years as under | | |
| Sub Factor | Weighting (Points) | |
| | Max | Obtain |
| a) Average Annual Income from Contracting (Last 3 Years) | | |
| Ratio of V/T | | |
| Less than 1.5 V/T | 0 | |
| Between 1.5 V/T and 2 V/T | 2 | |
| Between 2 V/T and 2.5 V/T | 4 | |
| Between 2.5 V/T and 3 V/T | 6 | |
| Between 3 V/T and 4 V/T | 8 | |
| Over 4 V/T | 10 | |
| b) Bid Capacity | | |
| Ratio B.C/V | | |
| Less than 0.2 | 0 | |
| Between 0.2 and 0.4 | 2 | |
| Between 0.4 and 0.6 | 4 | |
| Between 0.6 and 0.8 | 6 | |
| Between 0.8 and 1.0 | 8 | |
| Above 1.0 | 10 | |
| c) Available Credit Line (C.L) (Reputable Bank) | | |
| Ratio C/L/V | | |
| Less Than 0.1 | 0 | |
| Between 0.1 and 0.15 | 4 | |
| Between 0.15 and 0.20 | 6 | |
| Between 0.20 and 0.30 | 8 | |
| Above 0.30 | 10 | |
| Maximum Points | 30 | |

**PRE-QUALIFICATION OF
CONSTRUCTION OF MAKHI FARASH LINK CANAL (CHOTIARI PHASE-II)
WATER SUPPLY TO THAR COAL.**

SCORING TABLE

Name of Firm:

Evaluation Criteria for Pre-Qualification

| 2. Technical Capability | | |
|---|---------------------------|---------------|
| Sub Factor | Weighting (Points) | |
| | Max | Obtain |
| a) Site Management | | |
| i) Project Organization and Management | 0 | |
| Inadequate: | 2 | |
| Marginal: Some basic site/ Project management | 3 | |
| Satisfactory: Boarder Site/ Project Management up | | |
| ii) Sub-Contracting (Number and Partner) | 0 | |
| Inadequate: with no legal documents | 2 | |
| Marginal: At least on sub0contracting in relevant w | 3 | |
| Appropriate: More than on Sub-contracting in relevant work | 6 | |
| Maximum Composite Score (i)+(ii) | | |
| b) Key Technical Personnel & Project Manager Competence and Qualification | | |
| i) Key Technical Personnel | | |
| Inadequate: with no engineering personnel | 0 | |
| Marginal: at least 3-4 years experienced surveyor | 2 | |
| Satisfactory: at least one professional Civil Engineer (PEC) | 4 | |
| Registered: having more than one year experience | 6 | |
| Superior: at least two professional Civil Engineer (PEC) | 8 | |
| Registered: having more than two year experience | 10 | |
| ii) Project Management | | |
| Inadequate: | | |
| Marginal: | | |
| Experience: | | |
| Satisfactory: | | |
| Experience: | | |
| Superior: | | |
| Experience | | |
| Maximum Composite Score (i)+(ii) | | |
| c) Plant and Equipment Availability and Source of Major Items | | |
| Unsatisfactory: | 0 | |
| Marginal: | | |
| Machines | 6 | |
| Satisfactory: | | |
| Machines | 9 | |
| Firm arrangement/Source: | 12 | |
| Maximum Points | 12 | |

Maximum Points Possible 30
Minimum Score Required 18

**PRE-QUALIFICATION OF
CONSTRUCTION OF MAKHI FARASH LINK CANAL (CHOTIARI
PHASE-II) WATER SUPPLY TO THAR COAL.**

DETAILS OF PRE-QUALIFICATION EVALUATION

Name of Firm:

| S No | Categories | Sub-Factor | Max: Points | Min: Points | Points Score | Remarks Pass/ Fail |
|------|---|------------|-------------|-------------|--------------|--------------------|
| 1 | <u>Financial Capacity</u> | | | | | |
| | | Total | | | | |
| 2 | <u>Technical Capability</u> | | | | | |
| | <u>a) Site Management</u> | | | | | |
| | | Sub Total | | | | |
| | <u>b) Key Technical Personnel & Project Management Competence and Qualification</u> | | | | | |
| | | Sub Total | | | | |
| | <u>c) Plant and Equipment Availability and source of Major Items</u> | | | | | |
| | | Sub Total | | | | |
| | | Total | | | | |

**PRE-QUALIFICATION OF
CONSTRUCTION OF MAKHI FARASH LINK CANAL (CHOTIARI
PHASE-II) WATER SUPPLY TO THAR COAL.**

DETAILS OF PRE-QUALIFICATION EVALUATION

Name of Firm:

| S No | Categories | Sub-Factor | Max: Points | Min: Points | Points Score | Remarks Pass/ Fail |
|------|--|--------------------|-------------|-------------|--------------|--------------------|
| 3 | <u>Experience</u> Sub Factors Experiences of evaluation | | | | | |
| | | Total | | | | |
| | | | | | | |
| | | Grand Total | | | | |

| <u>Conclusion</u> | Overall Minimum Score for Qualification | Total Points | Remarks |
|-------------------|---|--------------|---------|
| | 60 | | |