



INVITING EXPRESSION OF INTEREST

Tender Specification No. CGM/E&S/1x800MW/Umred Project/SIA/EOI-1 2018-19

Name of work: Mahagenco's proposed 1x800 MW Ultra Supercritical Thermal Power Project at Umred WCL coal mine area, village Heoti, Taluka Umred, Dist.-Nagpur, Maharashtra state.

- Inviting expression of interest from Reputed Institutes/Organization for SOCIAL IMPACT ASSESSMENT (SIA) & SOCIAL IMPACT MANAGEMENT PLAN (SIMP) STUDIES.

Date of Submission:- 20/04/2018 up to 17:00Hrs

Contact Person: Mr. Santosh Thakur, Executive Engineer(E&S), O/o Chief General Manager (E&S), M.S.P.G. Co. Ltd., Mumbai. **Tel.No.** PH: 022-26582424(0) **Mobile no.** 8879337143

Email : cgmenvsafe@mahagenco.in, ea@mahagenco.in

For further details visit our link Website: <https://www.mahagenco.in/index.php/2012-07-20-02-16-22/head-office-tenders>.

Chief General Manager (E&S)
Mahagenco, Mumbai

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Tender Specification No. CGM/E&S/1x800MW/Umred Project/SIA/EOI-1 2018-19

Expression of interest are invited from reputed Institutes/Organization for conducting social impact assessment study as per scope of work furnished below with pre-qualifying conditions stated below-

- a. The agency should have minimum 5 years' relevant experience and in-house capabilities for conducting SIA & SIMP.*
- b. The agency Should have completed at least 5 SIA in the last three years.*
- c. The agency Should have minimum turnover of Rs.50 Lakhs per year over the last 3 financial years*
- d. The agency should have experienced survey team and manpower.*

All intending Institutes/Agency are requested to submit their expression of interest along-with profile and documents in support of prequalifying conditions at the following address so as to reach this office on or before

20th April -2018: -

**Office of: -
The Chief General Manager
(Environment & Safety)
4nd floor, A wing,
HDIL Tower Building
Prof. Anant Kanekar Marg,
Bandra(E) Mumbai. 400 051.**

SCOPE OF WORK:

Name of work: Mahagenco's proposed 1x800 MW Ultra Supercritical Thermal Power Project at Umred WCL coal mine area, village Heoti, Taluka Umred, Dist.-Nagpur, Maharashtra state.

-Inviting expression of interest from Reputed Institutes/Agency for SOCIAL IMPACT ASSESSMENT (SIA) & SOCIAL IMPACT MANAGEMENT PLAN (SIMP).

The Details of Umred Project are: -

The proposed project site is mined area which was back filled over a period 30 years. There is no village/habitations located inside the proposed site area. The land terrain with variations of up to 30 meters is seen in the proposed area. Total land required for proposed 1x800MW Ultra Supercritical Pit Head Thermal Power Plant will be 499acres.The identified site will be taken on long lease from WCL and no land acquisition is required for the main power plant facilities including ash pond.

WCL have confirmed for supply of coal for the proposed project. Coal from the Umred, Dinesh, MKD-I and Gokul coal mines of Umred area of WCL will be the source for the proposed power plant. Total 3.68Million Tons per annum coal will be required for proposed 1x800MW Ultra Super Critical Pit head Thermal Power Plant. The required coal will be transported by conveyor system.

The available sources of water for the plant are viz Treated waste water from Nagpur Municipal Corporation (NMC) and River water from Goshikhurd dam as an alternative source. The treated waste water from NMC will have to sourced from Nagpur which is located at a distance of around 45 km. The Goshikhurd dam is located at a distance of around 56 km from the proposed site.

In view of this, you are invited to submit your offer for the work mentioned in subject. The scope of the work in brief is as follows.

Scope of Work:

The SOCIAL IMPACT ASESSMENT (SIA) studies are for the compliance of TOR of MoEF&CC. The scope of work includes study for SOCIAL IMPACT ASESSMENT (SIA) & SOCIAL IMPACT MANAGEMENT PLAN (SIMP) AT for Mahagenco's proposed 1x800 MW Ultra Supercritical Thermal Power Project at Umred WCL coal mine area, village Heoti, Taluka Umred, Dist.-Nagpur, Maharashtra state.

The scope includes all necessary approvals from related departments/ collection of documents/ data necessary for above work within times specified. The study shall comply all the requirements for obtaining Environmental Clearance from MoEF&CC for the project.

MSPGCL shall depute one representative for facilitating joint site inspection with the department concerned at time if required. All the details/ documents required for the proposal shall be collected by the agency.

Scope of Work:

Preparation of Report for:

Socio Economic Study and Social Impact Assessment for Project Affected person and the villagers in the adjoining village shall be as per following standard TOR conditions.

1. Socio economic study of the study area comprising of 10 KM from the plant site shall be carried out and shall consists of detail assessment of the impact on livelihood of the local communities.
2. Action plan for identification of local employable youth for training in skills, relevant to the project, for eventual employment in the project itself shall be formulated and numbers specified during construction and operation phases of the project
3. If the area has tribal population, it shall be ensured that the rights of tribal are well protected. The project proponent shall accordingly identify tribal issues under various provisions of the law of the land.
A detailed CSR plan along with activities wise break up of financial commitment shall be prepared. CSR component shall be identified considering need based assessment study and Public Hearing issues. Sustainable income generating measures which can help in upliftment of affected section of society, which is consistent with the traditional skills of the people shall be identified. Separate budget for community development activities and income generating programs shall be specified.
4. While formulating CSR schemes it shall be ensured that an in-built monitoring mechanism for the schemes identified are in place and mechanism for conducting annual social audit from the nearest government institute of repute in the region shall be prepared. The project proponent shall also provide Action Plan for the status of implementation of the scheme from time to time and dovetail the same with any Govt. scheme(s). CSR details done in the past should be clearly spelt out in case of expansion projects.

Objective of above mentioned studies

- I. Baseline information about the social and economic conditions in the project area.
- II. Assessment of existing of Socio- Economic status of Project Affected Persons (PAP).
- III. Identification and quantification of nature of employment existing and future opportunities.
- IV. Evaluation of nature of land use pattern.
- V. Information about project affected people, group, positively or negatively.
- VI. Information on potential impacts of the project and the characteristic of the impacts, magnitude, distribution and their duration.
- VII. Information on perception of the affected people about the project and its impacts.
- VIII. Information of potential mitigation measures to minimize the impact.
- IX. Information on institutional capacity to implement mitigation measures.
- X. Delineation of existing quality of life (QOL) and its predication after project development.
- XI. Demographic profile- Area and respondents
- XII. The findings
- XIII. Recommended Mitigation Plan & CSR strategy
- XIV. Recommended Monitoring Plan

Any other condition Specified in the Terms of Reference (After issuance) issued to the Umred project which is not covered but required to be carried out is deemed to be included in offer. The consultancy contract should inclusive of all the essential necessary information required for establishing the report, it would be a total responsibility of participating institute for completing the entire job.

Scope of Work for SIA: Socio Economic Study

- Stakeholders relevant to the Project
- Human settlements, male/female ratio, occupational pattern, employment and income
- Infrastructure resource base, viz. medical, education, water resources, power supply
- Economic resource base, viz. agriculture, industries, forest, trade and commerce
- Health Status, viz. morbidity pattern with reference to prominent and endemic diseases (e.g. fluorosis, malaria, filaria)

- Cultural and Aesthetic attributes in the study area including places of historical/ archaeological importance
- Employment status and income category of Project Affected Persons
- Occupational Pattern of Project Affected Persons
- Socio-economic survey to assess the Quality of Life of the people in the study area and their perception about the project
- Compilation of Secondary and Primary Data Collected
- Estimation and quantification of Project Affected Population and Project Affected Households
- Quantification of economic resources, Health status, Cultural and Aesthetic attributes etc.
- The interim and nature of employment opportunities of displaced population
- Assessment of Quality of Life of Project Affected Persons
- Preparation of Social Impact Assessment Report
- Discussion of Draft Report with Mahagenco's Authorities.
- Finalization of Socio- Economic Survey Report
- Submission of Socio- Economic Survey Report to Mahagenco.

Scope of Work for Corporate Social Responsibility on Need Base Analysis of Project Affected Persons in adjoining villages considered for CSR Studies who are directly exposed to the impact of the Coal Base Thermal Power Project Umrer Dist. Nagpur and considered Scope for CSR Studies as Follows

- Stakeholders relevant to the Project
- Human settlements, male/female ratio, occupational pattern, employment and income in the adjoining villages considered for CSR Studies
- Infrastructure resource base, viz. medical, education, water resources, power supply
- Economic resource base, viz. agriculture, industries, forest, trade and commerce

- Health Status, viz. morbidity pattern with reference to prominent and endemic diseases (e.g. fluorosis, malaria, filaria)
- Cultural and Aesthetic attributes in the study area including places of historical/ archaeological importance
- Employment status and income category of Project Affected Persons
- Occupational Pattern of Project Affected Persons
- Socio-economic survey to assess the Quality of Life of the people in the study area and their perception about the project
- Village Adoption Scheme in CSR for Surrounding Villages
- Rural Development Scheme for all villages in Study Area
- Applicable Women and Youth Empowerment Schemes
- Compilation of Secondary and Primary Data Collected
- Estimation and quantification of Project Affected Population and Project Affected Households
- Quantification of economic resources, Health status, Cultural and Aesthetic attributes etc.
- The interim and nature of employment opportunities of displayed population
- Assessment of Quality of Life of Project Affected Persons
- Action plan for identification of local employable youth for training in skills relevant to the project for eventual employment in the project itself shall be formulated.
- A detailed CSR plan along with activities wise break up of financial commitment shall be prepared. CSR component shall be identified considering need based assessment study. Sustainable income generating measures which can help in upliftment of poor section of society which is consistent with the traditional skills of the people shall be identified. The programme can include activities such as development of fodder farm, fruit bearing orchards; vocational training etc. separate budget for community development activities and income generating programmes shall be specified.

- While formulating CSR schemes it shall be ensured that an in- built monitoring mechanism for the scheme identified are in place and mechanism for conducting annual social audit from the nearest government instate of repute in the region shall be prepared. The project proponent shall also provide action plan for the status of implementation of the scheme from time to time.
- Special scheme for up-liftment of tribal in the area (if any) and measures for sustainable livelihood for tribal population shall be formulated and financial budget shall be specified.
- Preparation of Corporate Social Responsibility Report
- Discussion of Draft Report with Mahagenco Authorities
- Finalization of Corporate Social Responsibility Report
- Submission of Final Reports to Mahagenco.

Deliverables:

- 1) 30 Hard & soft copies of SIA and R & R action plan report.
- 2) 30 Hard & soft copies of CSR report
- 3)

TIME LIMIT:

Over all time limit for completion of the work shall be 60 days from the date of issue of Work order. Time is the essence of this contract and for any delay on the part of agency shall be levied as stated under penalty clause. However, completion of most of the activities are depends on the MPCB and MoEF&CC, hence the time schedule may be revised in future if required.

You may also send the information for past experience in the field, in-house facilities, staff expertise, and accreditation from competent authorities as may be necessary for your consideration as consultant for the said work.