

**Pre Bid Queries and OPGC reply for the Job " Consultancy services for Condition Assessment of Plant & Equipment and designing Renovation &Modernisation (R&M) schemes for Unit #1& #2 of 2x210 MW of Ib Thermal Power Station "**

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|-------|--|--|--|---|
| 1     | Purchase of bid document Notice inviting tender / page 2   | Cost of bid document (non-refundable) shall be paid by Demand Draft.....shall have to be submitted along with the bid and the DD towards the tender cost (separate from EMD) should be prepared on or before the last date of submission/receipt of tender, otherwise the bid shall be liable for rejection. In case of any discrepancy found between tender document submitted by the agency and the master copy in our office, the latter should prevail | Bidder can have attached the DD for the cost of tender document along with Bid document however DD date must be before the date of submission of bid. Is our understanding being right   | Yes   |
| 2     | As per Govt. Policy all SSI are exempted for cost of tender and EMD for encouraging their participation.   | Hence request to look into this issue and issue the necessary amendment as per Govt.   |  | EMD is required for this tender.  |
| 3     | Scope of services Annexure -I, page 7 of 189   | Scope of services are without DT/NDT   | As per CEA guidelines RLA (DT& NDT) are also to be included in the scope of services for proper assessment of work for EPC and for final clearance from State MOEF, consultant DPR must be as per guidelines of CEA (CEA guidelines also recommend DT/NDT) . Hence Re look into this and do the necessary amendment for scope of services. | DT & NDT is not included in the RFP scope.  |
| 4     | Price Bid SUMMARY OF COSTS Annexure –XVII Page 62 of 189   | Common Systems   | As per our understanding common system are Raw water system, compressed air system & coal handling plant. Is our understanding being right?  | SL No. 1 to 10 will be treated as common systems stipulated in page no. 10. Heading shall be changed to Common System Description   |
| 5     | No of copy of bid to submit  | To submit in hard copy   | We understand only 1 copy(original) is require. Please confirm   | Yes   |
| 6     | Mismatch in between the following<br>3.3. Evaluation of Techno Commercial Bid – Stage 1 Vs Annexure-IX Qualification Requirements Details Clause 3.3. A , Page no. 31 of 189 Vs Page no. 53 of 189 | <b>A.</b> Evidence of relevant experience gained by Consultant during the past ten years (experience of the firm)<br>Vs<br>experience gained by Consultant during the past seven years   | Please clarify which one to follow   | Changed in corrigendum.   |
| 7     | i. Number of projects completed (1 plant – 0.8point; >=10plants –8 points) Clause 3.3. A   | Preparation of reports comprising CA or LA & DPR for R&M projects for coal fired thermal power plants with unit size 110 MW & above<br>i. Number of projects completed (1 plant – 0.8point; >=10plants –8 points) & similarly other points are their   | For the last 10 or 7 years there are only about 3 or 4 projects for these type of projects hence we don't think any bidder can score max. 8 points. Request for necessary amendment please. We propose to merge all points and to be read as " 1plant – 10 point & 3 plants – 30 points otherwise all bidders will not be able to qualify. | Execution on one Unit shall be considered as One Plant. SI No. 1.1 is inclusive of all projects across the globe. SI No 1.3 is for domestic projects only. For evaluation purpose one unit will be considered as one plant. |
| 8     | Annexure I- 11 of 1894.1 (1.4 & 1.5)   | <b>Work Schedule</b><br>Time Schedule for Deliverables for each unit<br>· Completion of Condition Assessment (CA)-10 weeks<br>· Submission of Detailed Project Report (DPR) 14 weeks   | Considering the magnitude and complexity of work, we request to revise the time schedule as follows,<br>Completion of Condition Assessment (CA)- 24weeks<br>Submission of Detailed Project Report (DPR)- 32weeks   | Changed as per corrigendum  |

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| 9     | Annexure I12 of 1894.1 (3)              | Scope of Services after Order placement Post award engineering review during implementation and witness of performance guarantee tests for the implemented projects<br>Time schedule- As per mutually agreed schedule   | The time schedule for this activity shall be based on mutually agreed schedule. However our understanding is that the R&M activity for Unit#1 shall be completed by Q2 2021 and for Unit 2 by Q2 2022 and the quoted prices shall be valid accordingly. Please confirm our understanding.   | The price shall remain valid till contract period i.e. Sep 2022. Any extension to the contract period the price shall be based upon mutual agreement.   |
| 10    | Annexure I12 of 1894.2                  | <b>Major R&amp;M Execution Schedule</b><br>The Contract for Unit#2 shall commence after successful completion of Unit#1 Job and receiving Notice to Proceed for Unit#2 from OPGC. However, OPGC reserves the right to commence or discard the second unit job without assigning any reasons thereof for which you will not be entitled to claim any loss/ compensation etc.   | Request clarification on timeline. If work on Unit#2 shall be commenced after successful completion of Unit#1 job, then the deadline of Q2 2022 for Unit#2 will be difficult to achieve.  | Contract period shall be valid upto sep 2022.   |
| 11    | Annexure I12 of 1895                    | 10% interest free advance for mobilization of respective units to be paid against Advance Bank Guarantee for equivalent amount. Also a Contract Performance Bank Guarantee for 10% of the Contract price to be submitted within 30 days from the date of Letter of Intent.  | Please confirm whether 10% interest free advance shall be of total contract price of respective units or it is of the contract value of corresponding scope? Bidder shall submit the Contract Performance Bank Guarantee for 10% of the Contract price of respective units. For Unit#2, the CPBG shall be provided at the time of receipt of NTP from OPGC. Please confirm? | BG to be submitted on total contract value. With the completion of each stage the BG amount will be revised on reducing balance basis.  |
| 12    | Annexure I12 of 1895.3                  | Terms of Payment for Bidding, Post Awardengineering drawing review & witnessing of PGTest of R&M job execution & PG test.<br>a) 10% after pre- bid discussion.<br>b) 10% after final bidding & bid evaluation.<br>c) 10% after issue of LOA for R&M contractincluding post bid discussions.<br>d) 20% on completion of R&M erection work<br>e) 20% on completion of final accepted PG test<br>f) 20% 06 months after completion of successful PG test |   | Changed as per corrigendum  |
| 13    | Annexure XVII63 of 189Note 2            | For payment purposes % age of TOTAL PRICE shall be considered as per payment terms.   | There is a contradiction between payments terms mentioned on page no. 12 and note 2 on page no 63. Request OPGC to clarify.   | Payment terms shall be as per clause 5.0 of Annexure-I of Bid Document and it's corrigendum.  |
| 14    | General                                 |   | OPGC to reimburse all expenses incurred on travel such as air / rail /bus fare as applicable, car / taxi hire charges, lodging and boarding costs and allowance for attending meetings at OPGC office/ site extra at actuals. Also please specify the no of meetings/ Visits to be considered in our proposal.  | The consultant shall bear all costs of visits to OPGC site/office which are required to carry out the job as per scope of the Bid Document. Guesthouse/lodging will be provided by OPGC free of cost.<br><br>However if the consulant has to do any visit (site/Bhubaneswar/ Delhi) as per OPGC request the cost of travel (Economy Flight/ 1st AC Train) and lodging shall be reimbursed at actuals based upon documentary evidence. |

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| 15    | Annexure I18 of 18914.2  | Technical inputs to be provided by OPGC<br>OPGC will provide the access to the documents and drawings available in the DD (Drawing and Documentation) Cell of OPGC. Before submitting the bid, the bidder must visit the site and do an assessment of the documentations available with OPGC. At no point of time, the bidder shall give an excuse for not completing the assignment on account of non-availability of the relevant documents and drawings with OPGC. For any design information required for completing the assignment, which is not available with OPGC, Bidder shall contact OEM. | Request OPGC to modify the clause as below,<br>OPGC will provide the access to the documents and drawings available in the DD (Drawing and Documentation) Cell of OPGC. During execution of work, if any drawing or document is unavailable with OPGC, the bidder shall discuss the same with OPGC to come to an alternate arrangement to meet the timeline.<br>For any design information required for completing the assignment, which is not available with OPGC, OPGC shall arrange the same from OEM.   | OEM manuals are available with OPGC in the form of hard copy. Bidder has to go through the manuals to find the required data for CA analysis. All analysis should be done based upon data available with OPGC. If any other data is required then OPGC will try to facilitate the same in consultation with OEM. |
| 16    | General  |  | TCE would associate with reputed agency to perform certain scope of work i.e. part of condition assessment work. TCE will take the responsibility of the complete work as a lead partner and other agency shall perform the work under TCE's supervision.<br>TCE shall depute the key person's from such agency for their part of scope and their Bio data's will be submitted along with the bid.<br>TCE shall also use such agencies credentials for the part of work they will be responsible for and the same shall be considered for technical evaluation.<br>Request OPGC's acceptance on above. | This is clarified at clause 11.0 (Subcontracts/Assignment of Contract) of Annexure-I of the Bid Document.  |
| 17    | Cl. No. 1 Introduction (Para 3), Cl. No. 2 point 2e Scope of Services and Cl. No.3 Details scope of Services.7 & 8 | 7 & 8  | During the implementation stage, Engineering Consultant role is limited to Engineering review of document and witness of PG test. Man power deployment at site in execution stage and supervision of work is not in scope. Kindly confirm the same.  | Yes  |
| 18    | Cl. No. 2 Point no. 2a Scope of Services and Cl. No.3 Details scope of Services.7                                  | 7  | As per scope of work, Engineering Consultant will conduct a visual inspection of the plant. There is no requirement of the any DT, NDT, Environment Test or any other testing. Kindly confirm the same.  | Yes  |
| 19    | Cl. No. 2 Point no. 2a Scope of Services and Cl. No.3 Details scope of Services.7                                  | 7  | Please clarify whether we need to calculate the residual life of the Plant.  | In the DPR required justification is to be provided supporting life extension of the plant upto 2036   |
| 20    | Cl. No. 2.1 Compliance with environmental regulations7   | 7  | Recommendation of Environmental compliance will be described as per your O&M record. There would not be testing of any Environmental parameter. Kindly Confirm the same.   | Yes  |
| 21    | Cl. No. 3.0 a) Condition Assessment of all plant and equipment (CA) Table8 & 9                                     |  | Minor Packages like Fire Fighting System, HVAC, Cranes, Hydrogen Generation Plant etc. are not listed in the table. Do we need to consider it or not?  | Firefighting system and EOT crane included. HVAC is already present. Hydrogen Generation not required.   |
| 22    | Cl. No. 1 Introduction (Para 3), Cl. No. 2 point 2e Scope of Services and Cl. No.3 Details scope of Services.7 & 8 |  | For performing pre-bid discussions, bid analysis and post bid discussions, Please clarify the no. of days for bid discussion at site.  | Floating of NIT, Pre Bid Discussion with bidders, receiving of bid, bid evaluation and analysis and resolving of deviations to be completed within 16 weeks.   |

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| 23    | Cl. No. 14 .1 Site Facilities to be provided by OPGC19   |  | Local site transportation from guest house to plant & return and within the plant during the study period shall be provided by OPGCL. Please confirm.   | Yes   |
| 24    | Cl. No. 14 .2 Technical inputs to be provided by OPGC19  |  | Printout, Scan copy etc. of the available drawing and document will be provided by OPGCL from their end without any charges.  | OPGC will provide the document and it is the responsibility of the consultant to arrange printouts/ scan/copy etc as per their requirement. .   |
| 25    | Cl. No. 18 Submission of Drawing & Documents21   |  | Shall we provide CA Report, DPR separate for Unit 1 & 2 or Combined?  | Combined report to be provided.   |
| 26    | Cl. No. 19 Warranty21  |  | As per the clause, Engineering consult warranty is extended 1 year after the completion of work. Here the meaning of completion is Engineering Consultant work. Please confirm.   | Engineering consultant work covering the scope of work mentioned in bid document.   |
| 27    | Annexure-II, Cl. No. 3.3 Table point no. A 1.1 b) and Annexure-IX Pre-Qualification Requirements Details point no. 5.333 |  | We are using Epsilon software for Thermal Power Plants.   | Mentioned as equivalent thermal cycle modeling program.   |
| 28    | Annexure-V, Issue of Gate Pass42   |  | As per clause, Safety training is compulsory to perform any job inside plant. OPGCL will provide the safety training to Engineering Consultant representative free of cost before the start of study. Kindly confirm whether it is half day or full day training.   | OPGC will provide free safety training and the duration would be about 1/2 an hour.   |
| 29    | Annexure-V, Personal protective equipment(PPE):43  |  | We would be taking our helmet and safety shoes for each member for plant study. Kindly confirm.   | Consultant's personnel are required to come with safety shoes. Helmet, ear plug, safety glass, nose mask etc will be provided by OPGC.  |
| 30    | General  |  | Please provide the state environment parameters   | Will be provided during visit.  |
| 31    | General  |  | Please provide the state regulatory document for R&M.   | There is no state specific regulatory document for R&M.   |
| 32    | General  |  | Please clarify that location of DPR presentation to regulatory Board and OPGCL  | Bhubaneswar (Regulatory and Gridco) and Delhi (CEA)   |
| 33    | General  |  | We have all the site related activity in single visit. Kindly confirm.  | Consultant has to visit site/office as per requirement in order to complete the job as per scope of work of bid document.   |
| 34    | Name of the work5 of 191, Clause :-1Introduction   | OPGC invites bids from reputed Engineering consultants for carrying out a condition assessment of the Facility, identification of required R&M projects, preparation, development of a DPR-Detailed Project Report of various R&M works with cost benefit analysis, preparation of RFP with specification for minimum 05 numbers of R&M packages, Preparation of bid documents,pre-bid discussions, bid evaluation& post bid discussions, post award engineering review during implementation and witness of performance guarantee tests for the implemented projects. | Instead of fixing the minimum no. of packages at this (bidding stage), No. of packages can be decided during finalization of DPR. "minimum 05 number of R&M packages" may be changed to "all R&M packages, however the number of packages for preparation of RFP shall be decided during finalization of DPR" | The agency has to prepare Minimum five nos of RFPs covering all the 25 packages as per the document. If all the packages attract under R&M category then the same may be recommended. |

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| 35    | Annexure-I10 of 191, Clause :- 3.1.1, b, 2Preparation of Detailed Project Report (DPR)  | List of R&M projectsto be implemented.   | Does it mean list of R&M Options or list of R&M works? Please clarify.  | It means R&M works.  |
| 36    | Annexure-I11 of 191, Clause :- 3.1.1, b, 11Preparation of Detailed Project Report (DPR) | Cost-benefit analysis of each of proposed R&M works.   | We understand that, Cost benefit analysis for each proposed R&M option to be given. Please clarify.   | Yes. R&M works.  |
| 37    | Annexure-I11 of 191, Clause :- 4Work Schedule   | Time Schedule for Deliverables for each unit (Common Systems are to be carried out along with unit#1.) | As per clause 4.2, "The Contract for Unit#2 shall commence after successful completion of Unit#1 Job and receiving Notice to Proceed for Unit#2 from OPGC." and also, as per clause 5.1, Each unit will be paid separately; then completion schedule for Unit#2 should not be w.r.t. LOI date but it should be with respect to NTP for Unit#2. Time schedule for deliverables to be modified accordingly. | Condition assessmet has to be done for Unit#1, 2 and common system at a time. NTP provision is only for R&M Package of Unit#2 only |