

HARYANA POWER GENERATION CORPORATION LIMITED



BIDDING DOCUMENTS

FOR

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
FOR
DCRTPP YAMUNA NAGAR (2X300 MW)**

SECTION - VII

BIDDING DOCUMENT NO. : 32/CE/PLG/DCRTPP/FGD-251

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(This document is meant for the exclusive purpose of bidding against this Bid Document No. / Specification and shall not be transferred, reproduced or otherwise used for purposes other than that for which it is specifically issued).

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BID FORM
(TECHNO-COMMERCIAL BID)

(BIDDER MAY TAKE NOTE OF THE FOLLOWING POINTS WHILE SUBMITTING ITS BID)

- **BIDDERS ARE REQUIRED TO FURNISH REQUISITE DETAILS IN THE FORMATS SPECIFIED IN THE BIDDING DOCUMENTS FOR MEETING THE STIPULATED QUALIFYING REQUIREMENTS (QR) ALONG WITH ALL SUPPORTING DOCUMENTS LIKE COPIES OF CLIENT'S CERTIFICATES, WORK ORDERS AND CONTRACT AGREEMENTS ETC. IF ANY OF THE REFERENCE WORKS FURNISHED BY BIDDER PERTAINS TO THE CONTRACT (S)/WORKS EXECUTED BY BIDDER FOR HPGCL IN THE PAST THEN IN RESPECT OF SUCH CONTRACT (S)/WORKS, BIDDER IS NOT REQUIRED TO ENCLOSE CLIENT'S CERTIFICATE(S) ALONG WITH ITS BID**
- *POWER OF ATTORNEY DULY NOTARIZED BY A NOTARY PUBLIC INDICATING THAT THE PERSON(S) SIGNING THE BID HAS/HAVE THE AUTHORITY TO SIGN THE BID AND THE BID IS BINDING UPON THE BIDDER DURING THE FULL PERIOD OF ITS VALIDITY BACKED BY A COPY OF BOARD RESOLUTION/OTHER RELEVANT DOCUMENTS TO DEMONSTRATE THE AUTHORITY OF THE PERSON ISSUING THE POWER OF ATTORNEY- TO BE FURNISHED ALONG WITH THE BID.*
- *POWER OF ATTORNEY TO THE AUTHORISED SIGNATORY OF THE BIDDER FOR SIGNING OF BID AND JDU/JV AGREEMENT ETC., WHEREVER APPLICABLE, -TO BE SUBMITTED ALONG WITH BID AND SHOULD BE DATED NOT LATER THAN THE DATE OF SIGNING THE BID.*
- **BIDDER TO ENSURE THAT BID SECURITY/INTEGRITY PACT/DJU/NO DEVIATION CERTIFICATE TO BE SUBMITTED IN ORIGINAL STRICTLY AS PER SPECIFIED FORMATS DULY SIGNED IN ORIGINAL BY AUTHORIZED SIGNATORY AND STAMPED ON EACH PAGE. SCANNED /PHOTOCOPY OF THESE DOCUMENTS WITHOUT SIGNATURE IN ORIGINAL SHALL NOT BE ACCEPTABLE AND SHALL BE SUMMARILY REJECTED.**
- *DATE OF PURCHASE OF STAMP PAPER OF INSTRUMENTS LIKE BID SECURITY, JOINT DEED OF UNDERTAKING-ETC SHOULD BE ON OR BEFORE THE DATE OF EXECUTION OF SUCH INSTRUMENTS.*

BID FORM (TECHNO-COMMERCIAL BID)

Bidder Proposal Ref. No.:

Date:.....

IFB No.:

Name of Package: **Flue Gas Desulphurisation (FGD) System Package for DCRTPP Yamuna Nagar (2X300 MW), Bidding Documents No. 32/CE/PLG/DCRTPP/FGD-251.**

Bidding Document No.:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Gentlemen and/or Ladies,

1.0 Having examined the Bidding Documents No. 32/CE/PLG/DCRTPP/FGD-251, including subsequent amendments and clarifications, if any (Insert Numbers), the receipt of which is hereby acknowledged, we the undersigned, offer to design, manufacture, test, deliver, install and commission (including carrying out Performance Guarantee Test) the facilities under the above-named Package in full conformity with the said Bidding Documents and hereby furnish our Techno-Commercial Proposal:

2.0 **Attachments to the Bid Form (Techno-Commercial Bid):**

In line with the requirement of the Bidding Documents we enclose herewith the following Attachments to the Bid Form (Techno-Commercial) Bid:

(a) **Attachment 1** : Bid security for Rs. _____ in the form of Bank guarantee No. _____ has been furnished in a separate sealed envelope.

(b) **Attachment 2** : A power of attorney duly notarised by a Notary Public indicating that the person(s) signing the bid has/have the authority to sign the bid and thus that the bid (Techno-Commercial Bid and Price Bid) is binding upon us during the full period of its validity in accordance with the ITB Clause No.13.

***Attachment 2A : Compliance to the Qualification requirement.**

(c) **Attachment 3** : The documentary evidence establishing in terms of Section ITB 8.1.2 (a) and Item No. 3.0 of Bid Data Sheets that we are qualified to perform the Contract if our bid is accepted. The qualification data has been furnished as per your format enclosed with the bidding documents.

@ The required Deed(s) of Joint Undertaking signed by us and our Collaborator(s)/Associate(s) have also been furnished as per your format in physical form in separate sealed envelope.

@@ The required Joint Venture/Consortium Agreement signed by all the partners of JV/Consortium have also been furnished as per your format in physical form in separate sealed envelope. ---as applicable---

- (d) **Attachment 4** : The documentary evidence establishing in accordance with ITB Clause 2 that the facilities offered by us are eligible facilities and conform to the Bidding Documents, has been furnished as Attachment 4.
- (e) **Attachment 4A** : A list of Special Tools & Tackles to be furnished by us, the cost of which shall be included in our Price Bid, is enclosed as per your format as Attachment-4A.
- (f) **Attachment 5** : The details of all major items of services or supply which we propose subletting giving details of the name and nationality of the proposed sub- contractors/sub-vendors for each item.
- (g) **Attachment 6** : The details of Alternative Bid made by us indicating the complete Technical Specifications. **---NotApplicable---**
- (h) **Attachment 7** : List of Construction and Erection Tools & Equipments and Safety Equipments & Safety Personal Protective Equipments which we propose to bring to site in case the Contract is awarded to us.
- (i) **Attachment 8** : Guaranteed Declaration enclosed as Part of Technical Specification of the bidding documents.
- (j) **Attachment 9** : Details as per your format, of bought out items **(without value)** to be directly despatched by our sub-vendor*/ and our assignee's sub-vendor* (applicable for foreign bidder) to your site.
* Strike out if not applicable.
- (k) **Attachment 10** : Quality Assurance Programme containing the overall quality management & procedures which we propose to follow during various phases of execution of the Contract.
- (l) **Attachment 11** : Additional Information provided by us.
- (m) **Attachment 12** : Technical Data Sheets duly filled in as per your format given in separately bound book entitled "Technical Data Sheets" enclosed as Part of Technical Specification of the bidding documents.
- (n) **Attachment 13** : Price Adjustment Data filled in by us. – **NOT APPLICABLE- Contract shall be on firm price basis.**
- (o) **Attachment 14** : Milestone schedule along with master network showing the timing and sequence of all key activities necessary for successful completion of the contracts and giving the important milestone for each.
- (p) **Attachment 15** : Details of Equipment including Type Test & Mandatory Spares to be imported from Associate/Collaborator by the manufacturer or the bidder.
- (q) **Attachment 16** : Authorization Form for release of payments through Electronic Fund Transfer system duly filled in as per your format enclosed in Bidding Documents.
- (r) **Attachment 17** : Form of Declaration on Fraud Prevention Policy duly filled in as per Employerformat.
- (s) **Attachment 18**: Declaration on Policy for withholding and Banning of Business Dealings duly filled in as per Employer's format.
- (t) **Attachment 19** : The required Integrity Pact duly signed has been furnished as per your format in physical form in separate sealed envelope. – **NOT APPLICABLE-**

- (u) **Attachment 20:** Information regarding Safety Management
- (v) **Attachment 21:** No Deviation Certificate.
- (w) **Attachment 22 :** Confirmation Regarding Ongoing Collaboration and Licensing Agreement (if applicable)
- (x) **Attachment 23:** Non Blacklisting Certificate

We hereby confirm that we have not been blacklisted by any organisation presently as per the attachment has to be submitted. (Ref Cl. 38 of ITB).

- (y) **Attachment 24: Certificate regarding price of Mandatory spares:**

A certificate to the effect that the cost of mandatory spares quoted by the bidder is not more than five percent (5%) of the supply portion of the total quoted prices in the schedule 1&2 excluding the cost of mandatory spares & type test charges.

3.0 CONSTRUCTION OF THE CONTRACT

3.1@

We (applicable to foreign bidders) declare that we have studied GCC Clause 3.6 relating to mode of contracting and we are making this proposal with a stipulation that you shall award us three separate Contracts viz 'First Contract' for CIF (Indian port-of-entry) supply of Plant and Equipment including Type Test Charges and Mandatory Spares to be supplied from abroad, 'Second Contract' for Ex-works (India) supply of domestically manufactured Plant and Equipment including Type Test Charges and Mandatory Spares and 'Third Contract' for providing all services i.e. port handling, port clearance and port charges for the imported goods, further loading, inland transportation for delivery at site, inland transit insurance, unloading, storage, handling at site, installation, Civil and Allied works (if any), insurance covers other than inland transit insurance, testing, commissioning and conducting Performance Guarantee Tests in respect of all the equipments supplied under the First Contract & the Second Contract and all other services as specified in the Contract Documents.

We declare that the award of three contracts will not, in any way, dilute our responsibility for successful operation of Plant and Equipment and fulfillment of all the obligations as per Bidding Documents and that all the three Contracts will have a crossfall breach clause i.e. a breach in one Contract will automatically be construed as breach of the other Contracts which will confer on you the right to terminate the other Contracts also at our risk and cost. Further, we hereby propose M/s..... as our Assignee for the purpose of executing the *Second Contract/ *Third Contract/ *both Second and Third Contract (***Strike off whichever is not applicable**) and written unequivocal consent of the above mentioned proposed Assignee to work as your independent Contractor on the same terms and conditions as offered by us to you in this bid proposal is also enclosed with the Bid Form. We declare that for the scope of work envisaged by us in our bid to be executed by our Assignee, the Assignee has relevant/required capacity and experience of executing similar job. Relevant/required documents are enclosed in the bid to establish capacity and experience of the Assignee. The Assignee shall directly enter into Contract(s) with you and all the three Contracts shall contain the aforesaid cross-fall breach clause, however, we shall have overall responsibility of performance under all the Contracts awarded against subject package.

If the Employer in its judgement does not find acceptance of Assignee proposed in the bid as its Contractor, then on the request of the Employer, we shall have option to propose alternate Assignee, in line with relevant ITB Clause, on the same terms and conditions and cost as offered in our bid. However, if Assignee, despite his written consent, fails to enter into contract with the Employer or if the Employer in its judgement does not find acceptance of Assignee as its Contractor, then we undertake to enter into and execute all the three Contracts with the Employer covering the entire scope of work envisaged in the bidding documents on the same terms and conditions and cost as offered in our bid, inter alia, containing the aforesaid cross-fall breach clause. In such an event, the overall financial liability of the Employer under the Contracts shall, however, not exceed that envisaged in our Bid Proposal.

Further, we understand and agree that for the above purpose, only one Assignee shall be permitted.

@ Domestic Bidders to strike off this provision and affix Signatures thereon.

- 3.2@@ We (applicable to Domestic Bidders only) declare that we have studied GCC Clause 3.6 relating to mode of contracting and we are making this proposal with a stipulation that you shall award us three separate Contracts viz. 'First Contract' for CIF (Indian port of entry) supply of Plant and Equipment including Type Test Charges and Mandatory Spares to be supplied from abroad, 'Second Contract' for Ex-works (India) supply of domestically manufactured Plant and Equipment including Type Test Charges and Mandatory Spares and 'Third Contract' for providing all the services i.e. port handling, port clearance and port charges for the imported goods, further loading, inland transportation for delivery at site, inland transit insurance, unloading, storage, handling at site, installation, Civil and Allied works (if any), insurance covers other than inland transit insurance, testing, commissioning and conducting Performance Guarantee Tests in respect of all the equipments supplied under the 'First Contract' and the 'Second Contract' and all other services as specified in the Contract Documents. We declare that the award of three separate Contracts will not in any way dilute our responsibility for successful operation of plant and equipment and fulfillment of all the obligations as per Bidding Documents and that all the three Contracts will have cross- fall breach clause i.e. a breach in one contract will automatically be construed as breach of the other Contracts which will confer on you the right to terminate the other Contracts also at our risk and cost.

@@ Foreign Bidders to strike off this provision and affix Signatures thereon.

4.0 COMPLIANCE TO THE PROVISIONS OF THE BIDDING DOCUMENTS

- 4.1 We have read all the provisions of the Bidding Documents and confirm that notwithstanding anything stated elsewhere in our bid to the contrary, the provisions of the Bidding Documents, are acceptable to us and we further confirm that we have not taken any deviation to the provisions of the Bidding Documents anywhere in our bid.

We have furnished our compliance to the provisions of the Bidding Documents and its subsequent Amendment(s)/Clarification(s)/Addenda/Errata by accepting the Attachment-21.

Acceptance of above attribute shall be considered as our confirmation that any deviation, variation or additional condition etc. or any mention, contrary to the provisions of Bidding Documents and its subsequent Amendment(s)/ Clarification(s)/Addenda/Errata(if any) found anywhere in our bid proposal, implicit or explicit shall stand unconditionally withdrawn, without any cost implication whatsoever to the Employer, failing which our bid security shall be forfeited.

- 4.2 We further declare that additional conditions, variations, deviations, if any, found in the bid, shall not be given effect to.
- 4.3 We have furnished our compliance on "Qualifying Requirements" by accepting the following attachment 2A.
- 4.4 We hereby confirm that the number of reference Plants quoted by us in **Attachment-3A-1** of the bid, for establishing compliance to the specified Qualifying Requirement (QR), are not more than Three (3) times the number of Plants required in the QR.

We also confirm that the reference Plants declared more than Three (3) times the number of Plants required in the QR shall not be considered for evaluation / establishing compliance to Qualifying Requirement (QR).

We further confirm that no change or substitution in respect of reference Plant, as specified in our bid, by new/additional Plant for meeting the specified Qualifying Requirement (QR) shall be offered by us.

- 5.0 We confirm that we are seeking qualification on the basis of association/collaboration with the manufacturer(s) of particular equipment(s). We further confirm that the plant and equipment including type tests and mandatory spares, which shall be imported from the associate's/collaborator's country by the manufacturer or by us, have been listed in Attachment-15 to Bid Form (Techno-Commercial Bid) and the price of these equipment including type tests and mandatory spares have been included in the total CIF (Indian port-of-entry) price to be quoted by us in Schedule-1 of Price Bid.
- 5.1 We confirm that we have assessed the capacity and capability of our associate's/ Collaborator's and our associate / collaborator is having sufficient capacity and capability to execute the work.
- 6.0 We undertake, if our bid is accepted, to commence work on the Facilities immediately upon your Notification of Award to us and to achieve Completion of Facilities and conduct Field Quality Tests within the time specified in the Bidding Documents.
- 6.1 If our bid is accepted, we undertake to provide Advance Payment Security, Contract Performance Securities including that from our collaborator(s)/associate(s) (if applicable) and securities for Deed(s) of Joint Undertaking (as applicable) in the form and amounts and within the time specified in the Bidding Documents.
- 7.0 We agree to abide by this Techno-Commercial Bid and Price Bid for a **period 180 days** from the date of opening of Techno-Commercial (Envelope-I) as stipulated in the Bidding Documents, unless extended by us on your request and it shall remain binding upon us and may be accepted by you at any time before the expiration of that period.
- 8.0 Until a formal Contract is prepared and executed between us, this bid, together with your written acceptance thereof in the form of your Notification of Award shall constitute a binding contract between us.
- 9.0 We understand that you are not bound to accept our bid or any other bid you may receive.
- 10.0 We, hereby, declare that only the persons or firms interested in this proposal as principals are named here and that no other persons or firms other than those mentioned herein have any interest in this proposal or in the Contract to be entered into, if the award is made on us, that this proposal is made without any connection with any other person, firm or party likewise submitting a proposal, is in all respects for and in good faith, without collusion or fraud.

Dated this.....day of.....20.....

Thanking you, we remain,

Yours faithfully,

Date : (Signature).....
Place : (Printed Name).....
(Designation).....
(Company Seal).....

Business Address :

Country of Incorporation (Province also to be indicated): Fax No.:

Phone No. :

Note : 1. Bidders may note that no prescribed proforma has been enclosed for:

- (a) Attachment 2 (Power of Attorney)
- (b) Attachment 4, (For documentary evidence establishing that the facilities offered are eligible facility and conform to bidding documents.) However, the proforma for Special tools & tackles have been enclosed as Attachment - 4A.

For these attachments, Bidders may use their own proforma for furnishing the required information with the Bid.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

BID SECURITY
(TO BE SUBMITTED IN PHYSICAL FORM)

BIDDER TO FURNISH BID SECURITY IN LINE WITH ITB
CLAUSE 12 AND AS PER FORMAT GIVEN
AT SL. NO. 2/2a/2b OF SECTION VII (FORMS & PROCEDURES)

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

POWER OF ATTORNEY
(TO BE SUBMITTED IN PHYSICAL FORM)

BIDDER TO ATTACH THE POWER OF ATTORNEY
IN ACCORDANCE WITH ITB CLAUSE 8.1.1(b)

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(COMPLIANCE TO THE QUALIFICATION REQUIREMENT)

Bidder's Name and Address: To,
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4Urja Bhawan, Sector-6
Panchkula- 134109

We here by certify our compliance on the "Qualifying Requirements" of Employer.

We understand and confirm that:

- (a) The number of reference Plants/ Orders quoted by us in Attachment- 3A of the bid, for establishing compliance to the specified Qualifying Requirement (QR), are in accordance with the provision specified in Bid Data Sheet.
- (b) The reference Plants/Orders / declared, shall only be considered for evaluation/establishing compliance to Qualifying Requirement (QR). Any reference Orders declared more than as specified in Bid Data Sheet shall not be considered for evaluation/establishing compliance to Qualifying requirements.
- (c) No change or substitution in respect of reference Plants/Orders for meeting the specified Qualifying Requirement (QR) shall be offered by us.

Bids of the bidders not submitting the attachment in physical form will be rejected.

Date: (Printed Name).....

Place: (Designation).....

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

(Qualification Data)

Bidder's Name and Address: To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawanhawan, Sector-6
Panchkula- 134109

Dear Sirs,

We seek qualification under Clause 8.1.2(a) of Section ITB and Item No. 3.0 of Bid Data Sheet and our qualification data in support thereof is enclosed in the following Attachments:

1. Attachment 3A1 to 3A9 : Experience Details of Bidder and their collaborator/
Associate (if applicable). Bidder to use the relevant
Attachment as applicable to them.
2. Attachment 3B : Details of Financial Capacity Status
3. Attachment 3C : Details of manufacturing and testing Capabilities
4. Attachment 3D : Details of manufacturing capacities & Plant Loading
5. Attachment 3E : Present order book position
6. Attachment 3F : Past Performance Data
7. Attachment 3G : Data regarding Key Construction Personnel
8. Attachment 3H : Manpower Loading Data
9. Attachment 3I : Deed(s) of Joint Undertaking (If Applicable).
10. Attachment 3J : Brief write up regarding Project Management
11. Attachment 3K : Details pertaining to Provenness Criteria

We further understand and agree that any misleading or false information furnished by us may result in summary rejection of our bid.

Date : (Signature).....
Place : (Printed Name).....
(Designation).....
(Company Seal).....

Note : The Bidder shall enclose relevant documents like copies of authentic purchase order, completion certificates, agreements etc. supporting the details/data provided in Attachments - 3A-1 to 3K.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251 (For
Qualification as per BDS Item No. 3.1.1.1)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

- 1.0 We, M/s. (**Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer**), are seeking Qualification as per clause 3.1.1.1 [**As Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer as per clause 3.1.1.1**], Item No. 3.0 of BDS.
- 2.0 We confirm that we have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm³/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm ³ /hr)		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a)	date from which the system is in successful operation condition	
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.	Capacity of Unit (MW)		
9.	Capacity of Plant (MW)		
10.	Whether the unit is pulverised coal fired		*Yes/*No.....
11.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.	
	(b)	In case the Bidder is not the Contractor at Sl. No. 11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the Bidder	
	(c)	Documentary evidence in case the award for reference work has been received by Bidder from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	Techno-Commercial Bid in support of the claim of Bidder's claim of meeting requirement at clause 3.1.1.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment		
(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.1.1 of item 3 of BDS,		
12.	Whether Bidder's scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) Supply	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ *Supervised Commissioning	*Yes/*No	
<p>(**In case the Bidder has acted as adviser for erection / commissioning of reference Wet Limestone based Flue Gas Desulphurisation System, Bidder shall furnish necessary documents / certificate from client in support of such activity and enclose the same at Annexure to this Attachment , pursuant to Note No. 2 for clause no. 3.1.0.0 of Item 3.0 of BDS.</p>			
13.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details	Any Technical Extract/paper letter/ E-mail from user or contract document or	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b) Flue Gas Desulphurisation System details		scheme or any other document Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c) Scope of work		Letter of Award or Contract or P.O. or Contract Agreement
	(d) Performance details		Certificate/letter/E-Mail from End user

15. *We confirm that M/s, (*Bidder) is / are seeking qualification as holding company (singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0., Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows:

16. Bidder and their subsidiary's(ies)' Experience Details in respect of meeting requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS) (To be filled at page to of this Attachment)

17. *Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS

*We have submitted the experience details in support of Qualifying Requirement at 3.1.1.1 above with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between us and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement at 3.1.1.1 above with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s (Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer) and above subsidiaries.

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/ subsidiaries/ group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date :
Place :

(Designation)
(Printed Name)

Note :

- 1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section-III (BDS).**
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
3. In case the Holding Company itself is the Bidder as a QFGDM as per Item 3.1.1.1 of BDS, the Holding Company shall submit its board resolution stating that in case of any likely change of management control of any of these subsidiaries lending strength / experience to the Holding Company for meeting the requirements of Item 3.1.1.1 of BDS, the Bidder shall arrange for separate on demand bank guarantees as per the format enclosed with the BIDDING documents from all such entities lending strength / experience to the Holding Company for fulfillment of requirement of Item 3.1.1.1 of BDS, for an amount aggregating 5 % of the total contract price of the Flue Gas Desulphurisation System Package divided equally among them, in addition to the contract performance security to be furnished by the Bidder before the change in management control actually occurs.

***Strike out whichever is not applicable.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251 (For
Qualification as per BDS Item No. 3.1.2.1)

Bidder's Name and Address: _____ To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

- 1.0 We confirm that we meet the qualifying requirements specified under BDS Item No. 3.1.2.1 with 3.1.2.2 & 3.1.2.3 of Qualifying Requirements stipulated in Bid Data Sheet, Section-III, of BIDDING Documents.
- 2.0 We have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of commissioning having flue gas treatment capacity of not less than 6,00,000 Nm³/hr, with Desulphurisation efficiency of atleast 85%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name of the reference station and its location		
2.	Name of the client/owner with full address, phone, fax & e-mail		
3.	Flue gas treatment capacity (Nm ³ /hr)		
4.	Desulphurisation efficiency (%)		
5.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a) date from which the system is in successful operation condition		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
6.	Capacity of Unit (MW)		
7.	Capacity of Plant (MW)		
8.	Whether the unit is pulverised coal fired		*Yes/*No.
9.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.	
	(b)	In case the Bidder is not the Contractor at Sl. No. 9a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the Bidder	
	(c)	Documentary evidence in case the award for reference work has been received by Bidder from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's claim of meeting requirement at clause 3.1.1.1, of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.1.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	
10.	Whether Bidder's scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) Supply	*Yes/*No	
	(iv) *Erection / *Supervised Erection	*Yes/*No	
	(v) *Commissioning / *Supervised Commissioning	*Yes/*No	
<p>(**In case the Bidder has acted as adviser for erection / commissioning of reference Wet Limestone based Flue Gas Desulphurisation System, Bidder shall furnish necessary documents / certificate from client in support of such activity and enclose the same at Annexure to this Attachment, pursuant to Note No.2 for clause no. 3.1.0.0 of Item 3.0 of BDS.</p>			
11.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
12.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Flue Gas Desulphurisation System details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
(c)	Scope of work	Letter of Award or Contract or P.O. or Contract Agreement	
(d)	Performance details	Certificate/letter/E-Mail from End user	

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/subsidiaries/group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Note :

- 1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section- III (BDS).**
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.

Date : (Designation)

Place : (Printed Name)

3.0 In line with the qualifying requirements specified in Item No. 3.1.2.2 & 3.1.2.3 of Bid Data Sheets, Section-III of BIDDING Documents, we (the Bidder) have a valid Ongoing Collaboration & Technology Transfer Agreement (copy enclosed at Annexure- to this Attachment) with **M/s..... (Name of QFGDM)** (who meets the requirement of Item no. 3.1.1.1 of BDS) whose address is..... **(Address of QFGDM)**, valid minimum up to the end of the defect liability period of the contract, and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

We further confirm that the above QFGDM (who meets the requirement of Item no. 3.1.1.1 of BDS) have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm³/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm ³ /hr)		
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a) date from which the system is in successful operation condition		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.	Capacity of Unit (MW)		
9.	Capacity of Plant (MW) .		
10.	Whether the unit is pulverised coal fired		*Yes/*No .
11.	(a)	Name & Address of the Contractor . (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.	
	(b)	In case the QFGDM is not the Contractor at SI.No.11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by QFGDM from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder in support of the claim of Bidder's/ QFGDM claim of meeting requirement at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)

(ii) Certificate from *Owner of the plant to be furnished by bidder for the successful operation as specified at requirement stipulated at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment

12. Whether QFGDM's scope of work includes

- | | | |
|-------|---|----------|
| (i) | Design | *Yes/*No |
| (ii) | Engineering | *Yes/*No |
| (iii) | Supply | *Yes/*No |
| (iv) | *Erection/ * Supervised Erection | *Yes/*No |
| (v) | *Commissioning/ *Supervised Commissioning | *Yes/*No |

13. Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening *Yes/No

14. Following documents to be enclosed in support of meeting the QR as per the following categories defined above

- | | | |
|-----|---|---|
| (a) | Pulverised coal fired Power plant details | Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document |
| (b) | Flue Gas Desulphurisation System details | Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document |
| (c) | Scope of work | Letter of Award or Contract or P.O. or Contract Agreement |

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(d) Performance details	Certificate/letter /E-Mail from End user	

15. *We confirm that M/s (QFGDM) is / are seeking qualification as holding company (singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0, Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows :
16. QFGDM and their subsidiary's(ies') (To be filled at page to Experience Details in respect of meeting of this Attachment) requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS)
17. *Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS

*We have submitted the experience details in support of Qualifying Requirement at 3.1.1.1 above with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between our Associate and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement at 3.1.1.1 above with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s. (Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer). and above subsidiaries.

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/ subsidiaries/group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date : (Designation)
Place : (Printed Name).
Note :

1. **Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section-III (BDS).**
 2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
 3. Deed of Joint Undertaking (DJU) enclosed at Annexure to this Attachment
- *Strike out whichever is not applicable.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251 (For
Qualification as per BDS Item No. 3.1.3.1(a))

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

- 1.0 We confirm that we meet the qualifying requirements specified under BDS Item No. 3.1.3.1(a) with 3.1.3.2 and 3.1.3.3 of Qualifying Requirements stipulated in Bid Data Sheet, Section-III, of BIDDING Documents.
- 2.0 We have designed, engineered, *manufactured/*got manufactured *erection/*supervision of erection and *commissioning / *Supervision of commissioning of Pulverised Coal Fired Steam Generator for 200 MW unit or higher capacity Unit or having minimum 600 T/hr Steaming capacity, which have been in successful operation for a period of not less than one (1) year prior to date of Techno-Commercial bid opening and in support of same, we furnish the details as per the following:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name of the reference station and its location		
2.	Name of the client/owner with full address, phone, fax & e-mail		
3.	No. of Steam Generator		
4.	Capacity in MW of Unit		
5.	Capacity of Plant (MW)		
6.	Steaming Capacity		
7.	Scheduled date of completion		
8.	Actual date of completion/ successful operation		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
9.	Date of commencement of successful operation		
10.	Whether unit is coal fired *Yes/*No		
11.	Whether Bidder's scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) *Manufactured/ *Got Manufactured	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ *Supervised Commissioning	*Yes/*No	

(**In case the Bidder has acted as adviser for erection / commissioning, Bidder shall furnish necessary documents / certificate from client in support of such activity and enclose the same at Annexure to this Attachment, pursuant to Note No.2 for clause no. 3.1.0.0 of Item 3.0 of BDS.)

12. (a) Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.
- (b) In case the Bidder is not the Contractor at SI.No.12a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the Bidder
- (c) Documentary evidence in case the award for reference work has been received by Bidder from Owner of plant or any other intermediary organization.
- (i) Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	<p>the claim of Bidder's claim of meeting requirement at clause 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment</p> <p>(ii) Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment</p>		
13.	Whether the above Steam Generator have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Steam Generator details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c) Scope of work		Letter of Award or Contract or P.O. or Contract Agreement
	(d) Performance details		Certificate/letter/E-Mail from End user

***Strike out whichever is not applicable.**

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/ associates/ subsidiaries/ group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section- III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.

Date :

(Designation)

Place:

(Printed Name)

3.0 In line with the qualifying requirements specified in Item No. 3.1.3.2 & 3.1.3.3 of Bid Data Sheets, Section-III of BIDDING Documents, we (the Bidder) have a valid ongoing collaboration and technology transfer agreement (copy enclosed at Annexure- to this Attachment) with..... **M/s (Name of QFGDM)** (who meets the requirement of Item No. 3.1.1.1 of BDS on its own) whose address is**(Address of QFGDM)**, valid minimum up to the end of the defect liability period of the contract, and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

We further confirm that the above QFGDM (who meets the requirement of Item no. 3.1.1.1 of BDS) have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm3/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below: The details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm3/hr)		
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(a)	Date from which the system is in successful operation condition	
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.	Capacity of Unit (MW)		
9.	Capacity of Plant (MW)		
10.	Whether the unit is pulverised coal fired	*Yes/*No	
11.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant	
	(b)	In case the QFGDM is not the Contractor at Sl.No.11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by QFGDM from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's/ QFGDM claim of meeting requirement at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	
12.	Whether QFGDM's scope of work includes		
	(i)	Design	*Yes/*No
	(ii)	Engineering	*Yes/*No
	(iii)	Supply	*Yes/*No
	(iv)	*Erection/ *Supervised Erection	*Yes/*No
	(v)	*Commissioning/ *Supervised Commissioning	*Yes/*No
13.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening		*Yes/No
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a)	Pulverised coal fired Power plant details	Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b)	Flue Gas Desulphurisation System details	Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c)	Scope of work	Letter of Award or Contract or P.O. or Contract Agreement
	(d)	Performance details	Certificate/letter/E-Mail from End user

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
14.	*We confirm that M/s , (QFGDM) is / are seeking qualification as holding company (singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0, Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows :		
15.	QFGDM and their subsidiary's(ies) Experience Details in respect of meeting requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS		(To be filled at page to of this Attachment)
16.	*Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per Item No. 3.1.1.1 of BDS		

*We have submitted the experience details in support of Qualifying Requirement at Item No. 3.1.1.1 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure . of this Attachment establishing the relationship between our Associate and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement at Item No. 3.1.1.1 of BDS above with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s , [Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM) and above subsidiaries].

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/ subsidiaries/group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date : _____ (Designation)
Place : _____ (Printed Name)

Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section- III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
3. Deed of Joint Undertaking (DJU) enclosed at Annexure to this Attachment

***Strike out whichever is not applicable.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251 (For
Qualification as per BDS Item No. 3.1.3.1(b))

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

1.0 We (Bidder), a registered Joint Venture (JV) Company incorporated in India under the Companies Act of India, confirm that we meet the qualifying requirements specified under BDS Item No. 3.1.3.1(b) with 3.1.3.2 & 3.1.3.3 of Qualifying Requirements stipulated in Bid Data Sheet, Section-III, of BIDDING Documents.

2.0 We confirm that the Joint Venture (JV) Company as on the date of Techno-Commercial Bid opening, is promoted by (i) M/s, an Indian Company registered in India under Companies Act of India and

(ii) *M/s..... *a Steam Generator manufacturer created for the purpose of manufacturing/supplying in India Steam Generator Sets, meeting the qualifying requirements specified under BDS Item No. 3.1.3.1(a)

OR

*M/s*a QFGDM created for the purpose of manufacturing/supplying in India Flue Gas Desulphurisation System, meeting the qualifying requirements specified under BDS Item No. 3.1.1.1

We confirm that we have minimum 26% equity participation and shall continue to maintain equity participation of minimum 26% in the JV Company for a lock-in period of 7 years from the date of incorporation of JV Company or upto the end of defect liability period of the contract whichever is earlier.

Further, M/s. (majority stakeholder), one of the promoters shall be a majority stakeholder who shall maintain a minimum equity participation of 51% in the JV Company for a lock-in-period of 7 years from the date of incorporation of JV company or upto the end of defect liability period of Contract whichever is later.

We confirm having executed/executing orders, received in the last 5 years, with the total value of such projects being INR 2,000 Million or more. In support of above, we furnish the details:

The details of the Joint Venture (JV) Company are as follows:

S. No.	Description	Details
(1)	(2)	(3)
1.	Date of Incorporation of JV Company	
2.	Equity participation of *Steam Generator manufacturer *OR *QFGDM in the JV Company (in % of the total equity)	
3.	Lock-in period for above equity participation from the date of incorporation (*Steam Generator Manufacturer *OR *QFGDM to furnish documentary evidence for their equity participation in the JV Company along with lock in period of such equity in compliance to clause 3.1.3.1 (b) of BDS supported by Board Resolution)	
4.	Equity participation of the Majority Stake Holder having Equity more than 51% in JV Company(in % of the total equity)	
5.	Lock in period for above equity participation from the date of incorporation (Majority Stake Holder to furnish documentary evidence for their equity participation in the JV Company along with lock in period of such equity in compliance to clause 3.1.3.1 (b) of BDS supported by Board Resolution of the Majority Stake Holder)	
6.	Copy of Certificate of Incorporation and Memorandum of Association of JV company is enclosed at Annexure of this Attachment	

*2.1(a) *M/s.....(*a Steam Generator manufacturer) have designed, engineered, *manufacture/*got manufactured *erection/*supervision of erection and *commissioning / *Supervision of commissioning of Pulverised Coal Fired Steam Generator for 200 MW unit or higher capacity Unit or having minimum 600 T/hr Steaming capacity, which have been in successful operation for a period of not less than one (1) year prior to date of Techno-Commercial bid opening and in support of same, we furnish the details for the following systems:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name of the reference station . and its location		
2.	Name of the client/owner with full address, phone, fax & e-mail		
3.	No. of Steam Generator		
4.	Capacity in MW of Unit		
5.	Capacity of Plant (MW)		
6.	Steaming Capacity		
7.	Scheduled date of completion		
8.	Actual date of completion/ successful operation		
9.	Date of commencement of successful operation		
10.	Whether unit is coal fired	*Yes/*No	
11.	Whether scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) *Manufactured/ *Got Manufactured	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ *Supervised Commissioning	*Yes/*No	

(**In case the Bidder has acted as adviser for erection / commissioning, Bidder shall furnish necessary documents / certificate from client in support of such activity and enclose the same at Annexure... to this Attachment, pursuant to Note No.2 for clause no. 3.1.0.0 of Item 3.0 of BDS.)

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
12.	Whether the above Steam Generator have been in successful *Yes/No operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening		
13.	<p>(a) Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/system was placed by the Client/Owner of the reference plant.</p> <p>(b) In case the Steam Generator manufacturer is not the Contractor at Sl.No.12a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant/system on the Steam Generator manufacturer</p> <p>(c) Documentary evidence in case the award for reference work has been received by Steam Generator manufacturer from Owner of plant or any other intermediary organization.</p> <p>(i) Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's claim of meeting requirement at clause 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment</p> <p>(ii) Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment</p>		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Steam Generator details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c) Scope of work		Letter of Award or Contract or P.O. or Contract Agreement
	(d) Performance details		Certificate/letter/E-Mail from End user

***Strike out whichever is not applicable.**

*2.1(b) In line with the qualifying requirements specified in Item No. 3.1.3.2 & 3.1.3.3 of Bid Data Sheets, Section-III of BIDDING Documents, we (the Bidder) have a valid ongoing collaboration and technology transfer agreement (copy enclosed at Annexure- to this Attachment) with M/s..... **(Name of QFGDM)** (who meets the requirement of Item no. 3.1.1.1 of BDS on its own) whose address is..... **(Address of QFGDM)**, valid minimum up to the end of the defect liability period of the contract and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

We further confirm that the above QFGDM (who meets the requirement of Item no. 3.1.1.1 of BDS) have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm3/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid.

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm3/hr)		
6.	Desulphurisation efficiency (%) .		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a) Date from which the system is in successful operation condition		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.		Capacity of Unit (MW)	
9.		Capacity of Plant (MW)	
10.		Whether the unit is pulverised coal fired	*Yes/*No
11.	(a)	Name & Address of the Contractor . (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant	
	(b)	In case the QFGDM is not the . Contractor at SI.No.11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by QFGDM from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's/ QFGDM claim of meeting requirement at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	
12.	Whether QFGDM's scope of work includes		
	(i)	Design	*Yes/*No
	(ii)	Engineering	*Yes/*No
	(iii)	Supply	*Yes/*No
	(iv)	*Erection/ *Supervised Erection	*Yes/*No
	(v)	*Commissioning/ *Supervised Commissioning	*Yes/*No
(**In case the bidder has acted as adviser for erection / commissioning of reference Wet Limestone based Flue Gas Desulphurisation System, Bidder shall furnish necessary documents / certificate from client in support of such activity and enclose the same at Annexure... to this Attachment , pursuant to Note No.2 for clause no. 3.1.0.0 of Item 3.0 of BDS.			
13.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening		*Yes/No
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a)	Pulverised coal fired Power plant details	Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b)	Flue Gas Desulphurisation System details	Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c)	Scope of work	Letter of Award or Contract or P.O. or Contract Agreement

(d) Performance details

Certificate/letter/E-Mail
from End user

15. *We confirm that M/s (QFGDM) is / are seeking qualification as holding company (singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0, Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows:

16. QFGDM and their subsidiary's(ies') Experience Details in respect of meeting requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS) (To be filled at page to of this Attachment)
17. *Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS

*We have submitted the experience details in support of Qualifying Requirement as per clause 3.1.1.1, item 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between our Associate and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement as per clause 3.1.1.1, item 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure. of this Attachment establishing the relationship between M/s [Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM) and above subsidiaries].

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/subsidiaries/group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date : (Designation).
Place : (Printed Name).

Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section- III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.

***Strike out whichever is not applicable.**

*2.2 M/s..... ,(As a Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer as per clause 3.1.1.1] whose address is..... **(Address of QFGDM)**, meeting requirements of Cl. 3.1.3.1 (b), Item No. 3.0 of BDS have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm³/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening.

In line with the qualifying requirements specified in Item No. 3.1.3.2 & 3.1.3.3 of Bid Data Sheets, Section-III of BIDDING Documents, we (as a QFGDM, meeting the requirement of Item no. 3.1.1.1 of BDS on our own) have a valid ongoing collaboration and technology transfer agreement (copy enclosed at Annexure- to this Attachment) with M/s. ,(the bidder) valid minimum up to the end of the defect liability period of the contract and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station . and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm ³ /hr)		
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a) date from which the system . . is in successful operation condition		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.	Capacity of Unit (MW)		
9.	Capacity of Plant (MW)		
10.	Whether the unit is pulverised coal fired	*Yes/*No	
11.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.	
	(b)	In case the QFGDM is not the Contractor at Sl. No. 11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant/ system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by QFGDM from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's/ QFGDM claim of meeting requirement at clause 3.1.1.1 of item 3 of BDS, as the case may be, enclosed at Annexure... to this Attachment	
	(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.1.1 of item 3 of BDS, as the case may be, enclosed at Annexure... to this Attachment	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
12.	Whether QFGDM's scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) Supply	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ *Supervised Commissioning	*Yes/*No	
13.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Flue Gas Desulphurisation System details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c) Scope of work		Letter of Award or Contract or P.O. or Contract Agreement
	(d) Performance details		Certificate/letter/E-Mail from End user
15.	*We confirm that M/s (*QFGDM) is / are seeking qualification as holding company (singularly or collectively) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0., Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows :		

16. Bidder and their subsidiary's(ies') Experience Details in respect of meeting requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS) (To be filled at page to of this Attachment)
17. *Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS

*We have submitted the experience details in support of Qualifying Requirement as per clause 3.1.1.1, item 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure. of this Attachment establishing the relationship between us and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement as per clause 3.1.1.1, item 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s (Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer) and above subsidiaries.

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/ associates/ subsidiaries/ group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date : (Designation).
Place : (Printed Name).

Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section-III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
3. Deed of Joint Undertaking (DJU) enclosed at Annexure _____ to this Attachment.

***Strike out whichever is not applicable.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251 (For
Qualification as per BDS Item No. 3.1.3.1(c))

Bidder's Name and Address: To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

- 1.0 We (Bidder), (*Indian Subsidiary Company of a Steam Generator manufacturer M/s...../
*Indian Subsidiary Company of QFGDM M/s.....), confirm that we meet the qualifying requirements specified under BDS Item No. 3.1.3.1(c) with 3.1.3.2 & 3.1.3.3 of Qualifying Requirements stipulated in Bid Data Sheet, Section-III, of BIDDING Documents and are registered in India under Companies Act of India, as on the date of Techno-Commercial Bid opening, for the purpose of manufacturing/supply of *Steam Generator Sets/ *Flue Gas Desulphurisation System.
- 2.0 We confirm that M/s.....(bidder) shall remain a subsidiary company of the *Steam Generator manufacturer/ *QFGDM for a minimum period of 7 years from the date of incorporation of such Subsidiary Company or upto the end of defect liability period of the contract whichever is later.
- 3.0 We confirm having executed/executing order, received in the last 5 years, with the total value of such projects being INR 2,000 Million or more. In support of above, we furnish the details:

The details of the Indian Subsidiary Company are as follows:

S. No.	Description	Details
(1)	(2)	(3)
1.	Date of Incorporation of Indian Subsidiary Company .	
2.	Equity participation of *Steam Generator manufacturer *OR *QFGDM in the Indian Subsidiary Company (in % of the total equity)	
3.	Lock-in period for above equity participation from the date of incorporation (*Steam Generator Manufacturer *OR *QFGDM to furnish documentary evidence for their equity participation in the Indian Subsidiary Company along with	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	lock in period of such equity in compliance to clause 3.1.3.1 (c) of BDS supported by Board Resolution)		
4.	Equity participation of the Majority Stake Holder having Equity more than 51% in Indian Subsidiary Company (in % of the total equity)		
5.	Lock in period for above equity participation from the date of incorporation (Majority Stake Holder to furnish documentary evidence for their equity participation in the Indian Subsidiary Company along with lock in period of such equity in compliance to clause 3.1.3.1 (c) of BDS supported by Board Resolution of the Majority Stake Holder)		
6.	Copy of Certificate of Incorporation and Memorandum of Association of Indian Subsidiary Company is enclosed at Annexure of this Attachment		

*3.1(a) *M/s..... (*a Steam Generator manufacturer) have designed, engineered, *manufacture/*got manufactured *erection/*supervision of erection and *commissioning / *Supervision of commissioning of Pulverised Coal Fired Steam Generator for 200 MW unit or higher capacity Unit or having minimum 600 T/hr Steaming capacity, which have been in successful operation for a period of not less than one (1) year prior to date of Techno-Commercial bid opening and in support of same, we furnish the details for the following systems:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name of the reference station and its location		
2.	Name of the client/owner with full address, phone, fax & e-mail		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
3.	No. of Steam Generator		
4.	Capacity in MW of Unit		
5.	Capacity of Plant (MW)		
6.	Steaming Capacity		
7.	Scheduled date of completion		
8.	Actual date of completion/ successful operation		
9.	Date of commencement of successful operation		
10.	Whether unit is coal fired	*Yes/*No	
11.	Whether the scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) *Manufactured/ *Got Manufactured	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ *Supervised Commissioning	*Yes/*No	
12.	Whether the above Steam Generator have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
13.	(a) Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.		
	(b) In case the Steam Generator manufacturer is not the Contractor at Sl.No.12a above, Name and address of the Organization (including Phone & Fax No.) which placed order		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	for reference plant system on the Steam Generator manufacturer		
	(c) Documentary evidence in case the award for reference work has been received by Steam Generator manufacturer from Owner of plant or any other intermediary organization.		
	(i) Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's claim of meeting requirement at clause 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment		
	(ii) Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment		
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Steam Generator details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document

- | | | |
|-----|---------------------|---|
| (c) | Scope of work | Letter of Award or
Contract or P.O. or Contract
Agreement |
| (d) | Performance details | Certificate/letter/E-Mail
from End user |

*3.1(b) In line with the qualifying requirements specified in Item No. 3.1.3.2 & 3.1.3.3 of Bid Data Sheets, Section-III of BIDDING Documents, we have a valid ongoing collaboration and technology transfer agreement (copy enclosed at Annexure- this Attachment) with M/s..... **(Name of QFGDM)** who meets the requirement of Item No. 3.1.3.2 & 3.1.3.3 of Bid Data Sheets on its own whose address is..... **(Address of QFGDM)**, valid minimum up to the end of the defect liability period of the contract, and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

We further confirm that the above QFGDM (who meets the requirement of Item no. 3.1.1.1 of BDS) have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm³/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity . (Nm ³ /hr)		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a)	Date from which the system is in successful operation condition	
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.	Capacity of Unit (MW)		
9.	Capacity of Plant (MW)		
10.	Whether the unit is pulverised coal fired	*Yes/*No	
11.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant	
	(b)	In case the QFGDM is not the Contractor at SI.No.11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by QFGDM from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)

by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's/ QFGDM claim of meeting requirement at clause 3.1.1.1, 3.1.3.1(a) of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment

- (ii) Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.1.1, 3.1.3.1(a)

of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment

12. Whether QFGDM's scope of work includes

- | | |
|---|----------|
| (i) Design | *Yes/*No |
| (ii) Engineering | *Yes/*No |
| (iii) Supply | *Yes/*No |
| (iv) *Erection/ *Supervised Erection | *Yes/*No |
| (v) *Commissioning/ *Supervised Commissioning | *Yes/*No |

13. Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful *Yes/No operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening

14. Following documents to be enclosed in support of meeting the QR as per the following categories defined above

- | | |
|---|---|
| (a) Pulverised coal fired Power plant details | Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document |
|---|---|

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
(b)	Flue Gas Desulphurisation System details	Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document	
(c)	Scope of work	Letter of Award or Contract or P.O. or Contract Agreement	
(d)	Performance details	Certificate/letter/E-Mail from End user	

14. *We confirm that M/s , (QFGDM) is / are seeking qualification as holding company (singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0, Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows :

- | | | |
|-----|--|--|
| 15. | QFGDM and their subsidiary's(ies') Experience Details in respect of meeting requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS) | (To be filled at page to of this Attachment) |
| 16. | *Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS | |

*We have submitted the experience details in support of Qualifying Requirement at clause no. 3.1.0.0, Item No. 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between our Associate and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement at clause no. 3.1.0.0, Item No. 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s [Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM) and above subsidiaries].

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/subsidiaries/ group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date : (Designation)

Place : (Printed Name)

Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section-III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
3. Deed of Joint Undertaking (DJU) enclosed at Annexure to this Attachment.

***Strike out whichever is not applicable.**

*3.2 M/s..... ,(As a Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer as per clause 3.1.1.1, Item No. 3.0 of BDS) have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm³/hr, with desulphurisation efficiency of atleast 90%, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening.

In line with the qualifying requirements specified in Item No. 3.1.3.2 & 3.1.3.3 of Bid Data Sheets, Section-III of BIDDING Documents, we (as a QFGDM, meeting the requirement of Item no. 3.1.1.1 of BDS on our own) have a valid ongoing collaboration and technology transfer agreement with M/s. ,(the bidder), valid minimum up to the end of the defect liability period of the contract and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm ³ /hr)		
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a) date from which the system is in successful operation condition		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.		Capacity of Unit (MW)	
9.		Capacity of Plant (MW)	
10.		Whether the unit is pulverised coal fired *Yes/*No	
11.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant.	
	(b)	In case the QFGDM is not the Contractor at Sl. No. 11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by QFGDM from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's/ QFGDM claim of meeting requirement at clause 3.1.1.1of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	
	(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	for the successful operation as specified at requirement stipulated at clause 3.1.1.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment		
12.	Whether QFGDM's scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) Supply	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ *Supervised Commissioning	*Yes/*No .	
13.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Flue Gas Desulphurisation System details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c) Scope of work		Letter of Award or Contract or P.O. or Contract Agreement
	(d) Performance details		Certificate/letter/E-Mail from End user

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)

14. *We confirm that M/s , (*QFGDM) is / are seeking qualification as holding company (singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0., Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows :

15.	Bidder and their subsidiary's(ies') Experience Details in respect of meeting requirement for QFGDM	(To be filled at page to of this Attachment)
-----	--	---

(as per clause 3.1.1.1, item 3.0 of BDS

16.	*Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS
-----	---

*We have submitted the experience details in support of Qualifying Requirement at clause no. 3.1.0.0., Item No. 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between us and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement at clause no. 3.1.0.0., Item No. 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s (Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer) and above subsidiaries.

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/ associates/ subsidiaries/ group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date :	(Designation).
Place :	(Printed Name).

Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section-III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
3. Deed of Joint Undertaking (DJU) enclosed at Annexure to this Attachment.

***Strike out whichever is not applicable.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(For Qualification as per BDS Item No. 3.1.4.1)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited,
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

1.0 We confirm that we meet the qualifying requirements specified under BDS Item No. 3.1.4.1 with 3.1.4.2 & 3.1.4.3 of Qualifying Requirements stipulated in Bid Data Sheet, Section-III, of BIDDING Documents.

2.0 We confirm that we, an Engineering, Procurement and Construction (EPC) organization have executed, in the last 10 years, large industrial projects on EPC basis (with or without civil works) in the area of power, steel, oil & Gas, petrochemical, fertilizer, Flue Gas Desulphurisation and/or any other process industry with the total value of such projects being INR 2000 million or more. At least one of such project (in single or multiple contract) should have a total contract value of INR 800 million or more. These projects have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name of the reference project/station, Nature/area of Project and its location		
2.	Name of the client/owner with full address, phone, fax & e-mail		
3.	Value of Projects (in Indian Rs.) (atleast one of such project(in single or multiple contract) having a total Contract value of INR 2000 million or more), Contract No. & date		
4.	Starting date of project		
5.	Scheduled date of commissioning		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
6.	Actual date of commissioning/ successful operation		
7.	Date of commencement of successful operation		
8.	Whether Bidder's scope of work includes		
	(i) Engineering	*Yes/*No	
	(ii) Procurement	*Yes/*No	
	(iii) Construction	*Yes/*No	
9.	Whether the Projects have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/*No	
10.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Project details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Scope of work		Letter of Award or Contract or P.O.
	(c) Performance details		Certificate/letter/E-Mail from End user
11.	(a) Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference power plant/project was placed by the Client/Owner of the reference plant.		
	(b) In case the Bidder is not the Contractor at Sl.No.11a above, Name and address of the		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	<p>Organization (including Phone & Fax No.) which placed order</p> <p>for reference plant/project on the Bidder</p>		
	(c)	<p>Documentary evidence in case the award for reference work has been received by Bidder from Owner of plant or any other intermediary organization.</p>	
	(i)	<p>Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's claim of meeting requirement at clause 3.1.4.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment</p>	
	(ii)	<p>Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.4.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment</p>	

***Strike out whichever is not applicable.**

3.0 In line with the qualifying requirements specified in Item No. 3.1.4.2 & 3.1.4.3 of Bid Data Sheets, Section-III of BIDDING Documents, we have a valid Ongoing Collaboration and technology transfer agreement (copy enclosed at Annexure to this Attachment) with M/s..... (Name of QFGDM) (who meets the requirement of Item no. 3.1.1.1 of BDS on its own), whose address is..... (Address of QFGDM), valid minimum up to the end of the defect liability period of the contract, and this ongoing Technology Transfer Agreement covers transfer of Technological know-how for Wet Limestone based Flue Gas Desulphurisation System in the form of complete transfer of design dossier, design software's drawings and documentation, quality system manuals and imparting relevant personal training to the Bidder.

We further confirm that the above QFGDM (who meets the requirement of Item no. 3.1.1.1 of BDS) have executed Wet Limestone based Flue Gas Desulphurisation Systems involving design, engineering, supply, *erection/*supervision of erection and *commissioning / *Supervision of Commissioning having flue gas treatment capacity of not less than 20,00,000 Nm³/hr, with desulphurisation efficiency of at least 90 %, operating in pulverized coal fired power plant and which have been in successful operation for a period of not less than one (1) year prior to the date of Techno-Commercial bid opening, the details of which are given below:

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
1.	Name, address, e-mail, Tel. No. and Fax No. of the Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM)		
2.	Name and Designation of the responsible person in QFGDM		
3.	Name of the reference station and its location		
4.	Name of the client/owner with full address, phone, fax & e-mail		
5.	Flue gas treatment capacity (Nm ³ /hr)		
6.	Desulphurisation efficiency (%)		
7.	Date of commissioning of Wet Limestone based Flue Gas Desulphurisation Systems		
	(a) Date from which the system is in successful operation condition		

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
	(b)	Duration of successful operation prior to the date of techno-commercial bid opening	
8.		Capacity of Unit (MW)	
9.		Capacity of Plant (MW)	
10.		Whether the unit is pulverised coal fired *Yes/*No	
11.	(a)	Name & Address of the Contractor (including Phone & Fax No.) on whom the order for executing the reference plant/ system was placed by the Client/Owner of the reference plant	
	(b)	In case the QFGDM is not the Contractor at Sl. No. 11a above, Name and address of the Organization (including Phone & Fax No.) which placed order for reference plant system on the QFGDM	
	(c)	Documentary evidence in case the award for reference work has been received by Bidder from Owner of plant or any other intermediary organization.	
	(i)	Certificate from *Owner of the plant or *intermediary organization to be furnished by bidder alongwith Techno-Commercial Bid in support of the claim of Bidder's/QFGDM claim of meeting requirement at clause 3.1.4.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	
	(ii)	Certificate from *Owner of the plant to be furnished by bidder alongwith Techno-Commercial Bid for the successful operation as specified at requirement stipulated at clause 3.1.4.1 of item 3 of BDS, as the case may be, enclosed at Annexure to this Attachment	

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
12.	Whether QFGDM's scope of work includes		
	(i) Design	*Yes/*No	
	(ii) Engineering	*Yes/*No	
	(iii) Supply	*Yes/*No	
	(iv) *Erection/ *Supervised Erection	*Yes/*No	
	(v) *Commissioning/ * Supervised Commissioning	*Yes/*No	
13.	Whether the above Wet Limestone based Flue Gas Desulphurisation System have been in successful operation for a period not less than one (1) year prior to the date of Techno-Commercial bid opening	*Yes/No	
14.	Following documents to be enclosed in support of meeting the QR as per the following categories defined above		
	(a) Pulverised coal fired Power plant details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(b) Flue Gas Desulphurisation System details		Any Technical Extract/paper letter/ E-mail from user or contract document or scheme or any other document
	(c) Scope of work		Letter of Award or Contract or P.O. or Contract Agreement
	(d) Performance details		Certificate/letter/E-Mail from End user

15. *We confirm that M/s (QFGDM) is / are seeking qualification as holding company singularly* or collectively*) with its subsidiaries (held directly or indirectly) as per note No.4 for clause no. 3.1.0.0, Item No. 3.0 of BDS. Further, the details of the subsidiaries meeting the QR are as follows :

S. No.	Description	Details	Supporting documents for details furnished under column (3)
(1)	(2)	(3)	(4)
16.	QFGDM and their subsidiary's(ies') Experience Details in respect of meeting requirement for QFGDM (as per clause 3.1.1.1, item 3.0 of BDS)		(To be filled at page to of this Attachment)
17.	*Name, Address, email, Fax, Tel. No. of the Subsidiary(ies) meeting the QR for QFGDM as per clause 3.1.1.1 of BDS		

*We have submitted the experience details in support of Qualifying Requirement at clause 3.1.1.1, item 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure. of this Attachment establishing the relationship between our Associate and above subsidiaries.

*We have submitted the experience details in support of Qualifying Requirement at clause 3.1.1.1, item 3.0 of BDS with reference to above subsidiary(ies). We are attaching the necessary documentary evidence as Annexure of this Attachment establishing the relationship between M/s . [Qualified Wet Limestone based Flue Gas Desulphurisation System Manufacturer (QFGDM) and above subsidiaries].

We further confirm that notwithstanding anything stated above, the Employer reserves the right to assess the capabilities and capacity of the Bidder/his collaborators/associates/ subsidiaries/ group companies to perform the contract, should the circumstances warrant such assessment in the overall interest of the Employer.

Date : _____ (Designation)
Place : _____ (Printed Name)
Note :

1. Bidder may use similar format for furnishing, separately, qualification data for a maximum of three (3) reference plants, as per provisions of Clause no. 4.0 of Section-III (BDS).
2. Whenever, the term 'coal fired' is appearing above, "coal" shall be deemed to also include bituminous coal/ brown coal/ lignite.
3. Deed of Joint Undertaking (DJU) enclosed at Annexure to this Attachment

***Strike out whichever is not applicable.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Financial Data pertaining to Financial Qualification of the
Bidder as per Sub Clause 3.2.1.0 of Item No. 3.0 of the Bid Data Sheet)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

A* To satisfy the requirements specified in Sub-Clause 3.2.1.0 of Item No. 3.0 of Bid Data Sheet, Section-III, We give below the following details:

In terms of Sub Clause 3.2.1.1 of Item No. 3.0 of Bid data Sheets, Section-III, we confirm that our average annual turnover during the preceding three (3) financial years as on the date of Techno-commercial bid opening is not less than INR 2490 Million (Indian Rupees Two Thousand four Hundred Ninety Million only). In support of above, we are enclosing Audited Financial Statements.

Sl.No.	Financial Year	Amount in Rupees Lacs
1.	2020-2021	
2.	2021-2022	
3.	2022-2023	
4.	Average Annual Turnover for the preceding three Financial Years as on the date of Techno-commercial Bid Opening.	
5.	We have enclosed Audited Financial Statements for preceding (3) Three Financial Years	Yes*/No*

*** Please Strike off whichever is not applicable.**

Date :

Place :

(Printed Name).

(Designation).

B.* Since we do not satisfy the financial criteria of average Annual Turnover on its own, we give below the following details of our **Holding Company** in terms of Item No. 3.2.1.1 of BDS who meet the stipulated turnover requirements of BDS Item No. 3.2.1.1, (Para 2).

Name and Address of the Holding Company :
Annual Turnover of the Holding Company with following details :

Sl.No.	Financial Year	Amount in Holding Company's Currency	Amount in ₹ (Million)	Exchange Rate as on seven (7) days prior to date of Techno-Commercial bid opening
1.	2020 – 2021			
2.	2021 – 2022			
3.	2022 – 2023			
4.	Average Annual Turnover of the Holding Company for the preceding three (3) Financial Years as on the date of Techno-Commercial Bid Opening			
5.	Documentary evidence like Annual Report/Audited financial statements for the preceding Three (3) financial year / in case Audited results for the last preceding three (3) Financial Year are not available, certification of financial statements from a practicing Chartered Accountant@ in respect of Holding Company in support of above is enclosed at Annexure to this Attachment-3A.			
6.	A Letter of Undertaking from the Holding Company, supported by its Board Resolution, pledging unconditional and irrevocable financial support for execution of the contract in case of award, is enclosed as per the format at Appendix-B to this Attachment-3A-7. A power of attorney of the person signing on behalf of holding company is also enclosed at Annexure to this Attachment-3A-7			

* Please Strike off whichever is not applicable.

@ In case, Holding Company is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed at **Appendix-A** to this Attachment-3A-7 stating that the financial results of the company are under audit as on the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

Note:

- (i) Not used.
- (ii) Other income shall not be considered for arriving at annual turnover.
- (iii) “Holding Company” and “Subsidiary Company” shall have the meaning ascribed to them as per Companies Act of India.
- (iv) For annual turnover indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-commercial bid opening shall be used.

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)**

**BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Financial Data pertaining to Financial Qualification of the
Bidder as per Sub-Clause 3.2.1.2 of Item No. 3.0 of the Bid Data Sheet)**

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

NOT APPLICABLE

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

PROFORMA OF CERTIFICATE FROM THE CEO/CFO
OF THE *BIDDER / *BIDDER'S SUBSIDIARY(IES) / * BIDDER'S HOLDING COMPANY /
*SUBSIDIARIES OF BIDDER'S HOLDING COMPANIES IN ACCORDANCE WITH
SUBCLAUSE

3.2.1.3 OF ITEM NO. 3.0 OF BDS
(To be submitted by Bidder along with the Techno-Commercial Bid)

Ref. :

Date :

To

.....
.....
.....,
.....

Dear Sirs,

1.0 I, Mr./Ms. (CEO / CFO)* of M/s..... (Name of the *Bidder / *Bidder's Subsidiary(ies) / * Bidder's Holding Company / *Subsidiaries of Bidder's Holding companies) hereby confirm and undertake that the Financial results of the Company for the last financial year are under audit as on the date of Techno-commercial bid opening for the package (Name of the package) for (Name of the Project).

2.0 I further, declare that the Certificate from the practicing Chartered Accountant certifying the financial parameters for the last financial year is also not available.

Yours faithfully

(Signature)

Date : (Name & Designation).....

Place : (Name of the Company)

(Seal of Company)

Note : *Strike off whichever is not applicable.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE

DCRTPP YAMUNA NAGAR (2X300 MW)

BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(For Qualification as per BDS Item No. 3.1.3.1(a))

PROFORMA OF LETTER OF UNDERTAKING

**(To be executed by the Holding Company Supported by
Board Resolution and submitted by the Bidder along with the Bid,
Applicable to the Bidder for meeting the stipulated Financial Qualifying
Requirement as per Sub Clause 3.2.1.1 (Para 2) of Item No. 3.0 of Bid Data Sheet)**

Ref. :

Date :

To

.....
.....,
.....,
.....

Dear Sirs,

1.0 We, M/s..... declare that we are the holding company of M/s
..... (Name of the Bidder) and have controlling interest therein.

M/s. (Name of the Bidder) proposes to submit the bid for the package
..... (Name of the package) for (Name of the Project)
under bid reference no. dated and have sought financial
strength and support from us for meeting the stipulated Financial Qualifying Requirement
as per Sub Clause 3.2.1.1 (Para 2) of Item No. 3.0 of Bid Data Sheet.

2.0 We hereby undertake that we hereby pledge our unconditional & irrevocable financial
support for the execution of the said package to M/s. (Name of the
Bidder), in case they are awarded the Contract for the said package, at the end of the
BIDDING process. We further agree that this undertaking shall be without prejudice to the
various liabilities that M/s (Name of Bidder) would be required to
undertake in terms of the Contract including the Performance Security as well as other
obligations of the Bidder/Contractor.

3.0 This undertaking is irrevocable and unconditional, and shall remain in force till the successful
execution and performance of the entire Contract and/or till it is discharged by Employer.

4.0 We are herewith enclosing a copy of the Board Resolution in support of this undertaking.

Yours faithfully

(Signature of Authorised Signatory
on behalf of the Holding Company)

Witness :

(1)

(Name & Designation).....

(Name of the Holding Company).....

(2)

(Seal of the Holding Company).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE

DCRTPP YAMUNA NAGAR (2X300 MW)

BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(For Qualification as per BDS Item No. 3.1.3.1(a))

**PROFORMA OF CERTIFICATE FROM THE CEO/CFO OF THE HOLDING COMPANY IN
ACCORDANCE WITH SUB-CLAUSE 3.2.1.3(ii) OF ITEM NO. 3.0 OF BDS**

(To be submitted by Bidder along with the Techno-Commercial Bid)

Ref. :

Date :

To

.....

.....

.....,

.....

Dear Sirs,

- 1.0 I, Mr./Ms..... (CEO of the company / CFO of the company)*, declare that M/s..... (Name of the Holding Company) is the Holding Company of M/s..... (Name of the Bidder)
- 2.0 I hereby confirm and undertake that the unaudited unconsolidated financial statements submitted in respect of the bidder as part of the Bid Reference No..... dated..... have been considered for the purposes of the finalisation of Consolidated financial statements of the Holding Company as part of the Annual Reports.
- 3.0 I further, certify that the figures in the unaudited unconsolidated financial statements are true and correct and same have been duly reflected in the audited consolidated financial statements and/or Annual Report of the Holding Company.

Yours faithfully

(Signature)

Date :

(Name & Designation).....

Place :

(Name of the Holding Company)

(Seal of Holding Company)

Note : *Strike off whichever is not applicable.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(For Qualification as per BDS Item No. 3.1.3.1(a))
(Financial Data pertaining to Financial Qualification of the
***ASSOCIATE/*COLLABORATOR as per Sub Clause 3.2.2.0 of Item No. 3.0 of the Bid Data**
Sheet)
(Applicable for Clause *3.1.2.0, *3.1.3.0, & *3.1.4.0 of Item No. 3.0 of the Bid Data Sheet)

Bidder's Name and Address: To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

A* To satisfy the requirements specified in Sub-Clause 3.2.2.1 of Item No. 3.0 of Bid Data Sheet, Section-III, We give below the following details of our Collaborator/ Associate:

We confirm that the average annual turnover of our Collaborator/ Associate (M/s) during the preceding three (3) financial years as on the date of Techno-commercial bid opening is not less than **INR 249 Million (Indian Rupees Two Hundred Forty Nine Million only)** or in equivalent foreign currency. In support of above, we are enclosing audited financial statements of our Collaborator/ Associate and the details are as under:

Sl.No.	Financial Year	Amount in Collaborator's/ Associate's Currency**	Amount in Rs. (Million)	Exchange Rate as on seven (7) days prior to date of Techno-Commercial bid opening
1.	2020 – 2021			
2.	2021– 2022			
3.	2022 – 2023			
4.	Average Annual Turnover of our Collaborator / Associate for the preceding three Financial Years as on the date of Techno-commercial Bid Opening.			

-
- | | | |
|----|---|----------|
| 5. | We have enclosed Audited Financial Statements for preceding (3) Three Financial Years | Yes*/No* |
|----|---|----------|
-

*** Please Strike off whichever is not applicable.**

B.* Since our Collaborator/ Associate do not satisfy the financial criteria of average Annual Turnover on its own, we give below the following details of **Holding Company of our Collaborator/ Associate** in terms of Item No. 3.2.2.1 of BDS who meet the stipulated turnover requirements of BDS Item No. 3.2.2.1, (Para 2).

Name and Address of the Holding Company of our Collaborator/ Associate:

Annual Turnover of the Holding Company of our Collaborator/ Associate with following details :

Sl.No.	Financial Year	Amount in Holding Company's Currency	Amount in Rs. (Million)	Exchange Rate as on seven (7) days prior to date of Techno-Commercial bid opening
1.	2020 – 2021			
2.	2021 – 2022			
3.	2022 – 2023			
4.	Average Annual Turnover of the Holding Company of our Collaborator/ Associate for the preceding three (3) Financial Years as on date of Techno-Commercial Bid Opening			
5.	Documentary evidence like Annual Report/Audited financial statements for the preceding Three (3) financial year / in case Audited results for the last preceding three (3) Financial Year are not available, certification of financial statements from a practicing Chartered Accountant@ in respect of Holding Company of Collaborator/ Associate in support of above is enclosed at Annexure to this Attachment-3A-8.			

Sl. No.	Description	As on last day of the preceding financial year
9.	A Letter of Undertaking from the Holding Company of Collaborator/ Associate, supported by its Board Resolution, pledging unconditional and irrevocable financial support for execution of the contract in case of award, is enclosed as per the format at Appendix-B to this Attachment-3A-8. A power of attorney of the person signing on behalf of holding company of Collaborator/ Associate is also enclosed at Annexure to this Attachment-3A-8	

*** Please Strike off whichever is not applicable.**

@ In case, Holding Company of Collaborator/ Associate is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed at **Appendix-A** to this Attachment-3A-8 stating that the financial results of the company are under audit as on the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

Note :

- (i) Not used.
- (ii) Other income shall not be considered for arriving at annual turnover.
- (iii) "Holding Company" and "Subsidiary Company" shall have the meaning ascribed to them as per Companies Act of India.
- (iv) For annual turnover indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-commercial bid opening shall be used.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(Financial Data pertaining to Financial Qualification of the
*ASSOCIATE/*COLLABORATOR as per Sub-Clause 3.2.2.0 of Item No. 3.0 of the Bid Data
Sheet)
(Applicable for Clause *3.1.2.0, *3.1.3.0 *& *3.1.4.0 of Item No. 3.0 of the Bid Data Sheet)

NOT APPLICABLE

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

PROFORMA OF CERTIFICATE FROM THE CEO/CFO
OF THE *ASSOCIATE'S/*COLLABORATOR'S SUBSIDIARY(IES) /
*ASSOCIATE'S/*COLLABORATOR'S HOLDING COMPANY / *SUBSIDIARIES OF
*ASSOCIATE'S/*COLLABORATOR'S HOLDING COMPANIES IN ACCORDANCE WITH
SUBCLAUSE

3.2.2.0 of Item No. 3.0 of the Bid Data Sheet)
(Applicable for Clause *3.1.2.0, *3.1.3.0 * & *3.1.4.0 of Item No. 3.0 of the Bid Data Sheet)
(To be submitted by Bidder along with the Techno-Commercial Bid)

Ref. :
To

Date

.....
.....,
.....

Dear Sirs,

1.0 I, Mr./Ms. (CEO / CFO)* of M/s..... (Name of the Collaborator/Associate's Subsidiary(ies) / * Collaborator/Associate's Holding Company / *Subsidiaries of Collaborator/Associate's Holding companies) hereby confirm and undertake that the Financial results of the Company for the last financial year are under audit as on the date of Techno-commercial bid opening for the package (Name of the package) for (Name of the Project).

2.0 I further, declare that the Certificate from the practicing Chartered Accountant certifying the financial parameters for the last financial year is also not available.

Yours faithfully

(Signature)

Date : (Name & Designation).....

Place : (Name of the Company)

(Seal of Company)

Note : *Strike off whichever is not applicable.

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

**PROFORMA OF LETTER OF UNDERTAKING
(To be executed by the Holding Company of BIDDER'S
ASSOCIATE'S/*COLLABORATOR'S Supported by Board Resolution and submitted by
the Bidder alongwith the Techno-Commercial Bid, in case financial support is being
extended by the Holding Company of Collaborator/Associate to the Bidder's
Collaborator/Associate for meeting the stipulated Financial Qualifying
Requirement as per Sub Clause 3.2.2.1 (Para 2) of Item No. 3.0 of Bid Data Sheet IN
ACCORDANCE WITH SUB-CLAUSE 3.2.2.0 of Item No. 3.0 of the Bid Data Sheet)
(Applicable for Clause *3.1.2.0, *3.1.3.0 *& *3.1.4.0 of Item No. 3.0 of the Bid Data Sheet)**

Ref. :

Date

To

.....,
.....,
.....

Dear Sirs,

1.0 We, M/s..... (Name of Holding Company of Collaborator/Associate) declare that we are the Holding Company of M/s..... (Name of the Bidder's Collaborator/Associate) and have controlling interest therein.

M/s. (Name of the Bidder) proposes to submit the bid for the package (Name of the package) for (Name of the Project) under bid reference no. dated and M/s..... (Name of the Bidder's Collaborator/Associate) have sought financial strength and support from us for meeting the stipulated Financial Qualifying Requirement as per Sub Clause 3.2.2.1 (Para 2) of Item No. 3.0 of Bid Data Sheet in terms of Clause 3.2.2.0 of Item No. 3.0 of Bid Data Sheet.

2.0 We hereby undertake & pledge our unconditional & irrevocable financial support to the Bidder's Collaborator/Associate to honour the terms and conditions of the Deed of Joint Undertaking, in case of award of Contract for the said package to M/s. (Name of the Bidder with whom the Collaborator/Associate is associated), at the end of the Bidding Process. We further agree that this undertaking shall be without prejudice to the various liabilities that M/s (Name of Bidder's Collaborator/Associate) would be required to undertake in terms of the Deed of Joint Undertaking including the Performance Security as well as other obligations of the Collaborator/Associate.

APPENDIX – B TO ATTACHMENT-3A-8
PAGE (2 of 2)

3.0 This undertaking is irrevocable and unconditional, and shall remain in force till the successful execution and performance of the entire Contract and/or till it is discharged by HPGCL.

4.0 We are herewith enclosing a copy of the Board Resolution in support of this undertaking.

Yours faithfully

(Signature of Authorised Signatory)
On behalf of the Holding Company of
Collaborator/Associate

Witness :

(1)

(Name & Designation).....

(Name of the Holding Company of
Collaborator/Associate).....

(2)

(Seal of the Holding Company of
Collaborator/Associate).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

PROFORMA OF CERTIFICATE FROM THE CEO/CFO OF THE HOLDING COMPANY OF
BIDDER'S ASSOCIATE'S/*COLLABORATOR'S IN ACCORDANCE WITH SUB-CLAUSE
3.2.2.3(ii) OF ITEM NO. 3.0 OF BDS IN ACCORDANCE WITH SUB-CLAUSE 3.2.2.0 of Item
No. 3.0 of the Bid Data Sheet)
(Applicable for Clause *3.1.2.0, *3.1.3.0 * & *3.1.4.0 of Item No. 3.0 of the Bid Data Sheet)
(To be submitted by Bidder along with the Techno-Commercial Bid)

Ref.:

Date

To

.....,
.....,
.....

Dear Sirs,

1.0 I, Mr./Ms..... (CEO of the company / CFO of the company)*, declare
that M/s..... (Name of the Holding Company of Bidder's
Collaborator/Associate) is the Holding Company of M/s..... (Name of the
Bidder's Collaborator/Associate)

2.0 I hereby confirm and undertake that the unaudited unconsolidated financial statements
submitted in respect of the M/s..... (Name of the Bidder's
Collaborator/Associate) as part of the Bid Reference No..... dated.....
submitted by M/s..... (Name of the Bidder) have been considered for the
purposes of the finalisation of Consolidated financial statements of the Holding Company of
M/s..... (Name of the Bidder's Collaborator/Associate) as part of the
Annual Reports.

3.0 I further, certify that the figures in the unaudited unconsolidated financial statements are true
and correct and same have been duly reflected in the audited consolidated financial
statements and/or Annual Report of the Holding Company of M/s.....
(Name of the Bidder's Collaborator/Associate).

Yours faithfully
(Signature)

Date :

(Name & Designation).....

Place :

Note : *Strike off whichever is not applicable.

(Name of the Holding Company of Collaborator/Associate).....

(Seal of the Holding Company of Collaborator/Associate).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE

DCRTPP YAMUNA NAGAR (2X300 MW)

BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

**(Proforma of Letter of Undertaking to be Executed by the
*Steam Generator Manufacturer/ *Qualified Wet Limestone Based Flue Gas
Desulphurisation System Manufacturer/ *Promoter (other than *Steam Generator
Manufacturer/*Qualified Wet Limestone Based Flue Gas Desulphurisation System
Manufacturer) holding minimum equity participation of 51% in the* Indian
Joint Venture Company/* Indian Subsidiary Company to be submitted
alongwith the Stage-I (Techno-Commercial) Bid as per Note (6) to Clause
No. 3.1.0.0, Item No. 3.0 of BOS)**

LETTER OF UNDERTAKING

(To be executed on Non-Judicial Stamp Paper of Requisite Value)

We, M/s (*Steam Generator Manufacturer/*Qualified Wet Limestone Based Flue Gas Desulphurisation System Manufacturer/ *Promoter (other than *Steam Generator Manufacturer/ *Qualified Wet Limestone Based Flue Gas Desulphurisation System Manufacturer holding minimum equity participation of 51 % in the•Indian Joint Venture Company|Indian Subsidiary Company) undertake that as per the requirement of Note (6) to Clause No. 3.1.0.0, Item No. 3.0 of BDS, we shall maintain minimum equity participation of *51% / *26% (as the case may be) in the *Indian Subsidiary Company/ *Indian Joint Venture (JV) Company Mis for a lock in period of 7 years from the date of incorporation of the *Indian Subsidiary Company / *Indian Joint Venture (JV) Company or upto the end of Defect Liability period of the contract, whichever is later.

We are enclosing the Board resolution in support of above as Annexure to this undertaking.

Date

Place

For Mis
(Signature of the Authorised Representative)
(Printed Name)
(Designation)
(Common Seal)

Note : * as applicable.

**Bidder to use separate sheet as applicable
Power of Attorney of the person signing is to be
attached along with the Undertaking.**

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(Financial Capacity Status of Bidder and/or wherever applicable, his Associate(s)/Collaborator(s))

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

-
- A) Orders in Hand
- i) Total value of Contracts
- ii) Value of work completed out of above value upto March' 2023
- iii) Value of anticipated work to be performed in the following Financial Years :

2023 - 2024

2024 - 2025

2025 - 2026

2026 - 2027

2027 - 2028

B) Bidder's assessment of maximum negative cash flow (fund requirement) at any point of time between Notification of Award and completion of contract based on specified terms of payment and his expenditure plan for plant & equipment being offered by bidder for this package.

C)	Arrangement to meet the above fund requirement.	<u>Own Funds</u>	<u>Credit</u>	<u>Others</u>	<u>Total</u>
----	---	------------------	---------------	---------------	--------------

D) Gross Turnover of Company during:

Year ending - March 2019

Year ending - March 2020

Year ending - March 2021

Year ending - March 2022

Year ending - March 2023

E)	Balance Sheet and Profit & Loss Account duly certified by a Chartered Accountant for the last 5 years is to be submitted.	Enclosed at Annexure to this Attachment-3B
----	---	---

F)	Declaration by Bankers or the Chartered Accountant regarding :	
	i) Bank Guarantee Limits	Enclosed at:.....
	ii) Over Draft Limits/Cash Credit Limits	Enclosed at:

- iii) Deferred payment limits. Enclosed at:
- iv) Fixed Deposits Enclosed at:
- v) Movable Property Hypothecation.
(Please state the present utilization status also) Enclosed at:
- G) Information regarding any current litigation in which the Bidder is involved, the parties concerned, the disputes and the disputed amount if any. Enclosed at:

Date : (Designation).....

Place : (Printed Name).....

- Note :**
- 1. The above Attachment shall be filled-up by the bidder for **himself** and for each **Associate/Collaborator** being proposed by the bidder in his bid.
 - 2. Continuation sheets of like size and format, may be used and annexed to this Attachment if required.
 - 3. Financial details to be furnished by the bidder in this Attachment-3B shall be same as the details already furnished in Attachment-3A.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE

DCRTPP YAMUNA NAGAR (2X300 MW)

BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(Details of Design, Engineering, Manufacturing and Testing Capabilities of Bidder and/or wherever applicable, his Associate/Collaborator)

Bidder's Name and Address : To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

(1) We hereby confirm that we do not anticipate any change in ownership during proposed period of execution of the work (if such a change is anticipated, the scope and effect there of shall be defined). The relevant document for same (i.e. in case of change of Ownership) is enclosed to Annexure..... to this Attachment-3C.

(2) We have also furnished adequate detailed write up on the following :

- (i) Design and Engineering : Enclosed at Annexure
Organisation and facilities/ capabilities to this Attachment-3C
- (ii) Manufacturing & Testing : Enclosed at Annexure
Organization and facilities available to this Attachment-3C
- (iii) Field Organisation and : Enclosed at Annexure
resources for erection, testing & commissioning etc. to this Attachment-3C
- (iv) Quality Assurance Organi- : Enclosed at Annexure
sation and capabilities for Engg., manufacturing & field installation. to this Attachment-3C
- (v) Established Project Management : Enclosed at Annexure
to this Attachment-3C

(3) Additional details (if any) in respect of Manufacturing and Testing Facilities

Date : (Designation).....
Place : (Printed Name).....

- Note : 1. The above attachment shall be filled up by the bidder for **himself** and **for Subcontractor(s)/ Associate(s)/ Collaborator(s) if any**, being proposed by the Bidder in his bid and relevant details shall be furnished.
2. Continuation sheets of same size and format shall be added by the Bidder and annexed to this Attachment, if required.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Details of Manufacturing Capacities/Plant Loading of the Bidder
and Associate(s)/Collaborator(s) wherever applicable)

Bidder's Name and Address :

To
 Chief Engineer / Planning,
 Haryana Power Generation Corporation Limited
 C-4, Shakti Bhawan, Sector-6
 Panchkula- 134109

We hereby furnish below the details of our installed capacities and work in hand to establish spare capacity for completion of work under this package.

Item	2023-2024			2024-2025			2025-2026			2026- 2027			2027- 2028		
	Bidder's Shop	Collabo- rator/ Asso- ciate's shop	Sub- trac- tor's shop	Bidder's Shop	Collabo- rator/ Asso- ciate's shop	Sub- trac- tor's shop	Bidder's Shop	Collabo- rator/ Asso- ciate's shop	Sub- trac- tor's shop	Bidder's Shop	Collabo- rator/ Asso- ciate's shop	Sub- trac- tor's shop	Bidder's Shop	Collabo- rator/ Asso- ciate's shop	Sub- trac- tor's shop
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16

- A) Production Capacity as installed
- B) Firm orders in hand upto date of Stage-I Bid Opening
- C) Balance Capacity Available
- D) Orders Expected

1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16
----	----	----	----	----	----	----	----	----	-----	-----	-----	-----	-----	-----	----

E) Work Load
Expected
for this contract

F) Shortfall,
if any

G) Alternative
arrangements
to make up
for this short
fall

Date : (Designation).....

Place : (Printed Name).....

Note : Continuation sheets of like size and format may be used as per Bidder's requirement and shall be annexed to this Attachment.

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Present Order Book Position)**

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

List of Orders of Last 5 Years and Present Status

Sl. No.	Client	Order Value	No. of Units & Unit size	Date of Order	Present Status		% work completed	Completion of supply		Completion of Erection testing & commissioning		Reason for delay (if any)
					Sch-edule	Actual/Expected		Sch-edule	Actual/Expected	Sch-edule	Actual/Expected	

Date : _____ (Designation).....

Place : _____ (Printed Name).....

- Note :**
- The above attachment shall be filled up by the bidder for **himself** and for each of the major Subcontractor(s)/associate/collaborator, if any, being proposed by the bidder in his bid.
 - Continuation sheets of like size and format may be used as per Bidder's requirement and shall be annexed to this Attachment.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Past Performance Data)

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Details of Similar Equipment Commissioned/Supplied in last ten years :

Sl. No.	Client Name & Address	Date of order	Unit size & No. of Units	Date of Completion of Supplies		Date of Completion of Erection, Testing & Commissioning		Order Value	Reason for Delay (if applicable)
				Schedule	Actual	Schedule	Actual		

Date : _____ (Designation).....

Place : _____ (Printed Name).....

- Note :**
- The above attachment shall be filled up by the bidder for **himself** and for Subcontractor(s)/associate/collaborator, if any, being proposed by the bidder in his bid.
 - Continuation sheets of like size & format may be used if required and annexed to this Attachment.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Data regarding key construction personnel)

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

The qualification and experience of key constructional personnel proposed for administration and execution of the contract at site are as follows:

Sl.No.	Name	Qualification	Position/Designation	Experience
--------	------	---------------	----------------------	------------

Date : (Designation).....

Place : (Printed Name).....

Note : 1. The above attachment shall be filled up by the bidder for **himself** and for the Subcontractor(s)/associate/collaborator, if any, being proposed by the bidder in his bid.

3. Continuation sheets of like size & format may be used if required and annexed to this Attachment.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Manpower loading data)

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

We declare that our manpower loading during execution of the contract will be as follows :

No. of months from the date of Notification of Award	1	2	3	4	5	6	7	8	9	10.....	36
--	---	---	---	---	---	---	---	---	---	---------	----

Labour (Category)

Date : (Designation).....

Place : (Printed Name).....

- Note :**
1. The above Attachment shall be filled by the bidder for **himself** and for each associate/collaborator being proposed by the bidder in his bid.
 2. Continuation sheets of like size & format may be used if required and annexed to this Attachment.
 3. List of category of labour will be given by the Bidder.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(DETAILS OF DEED OF JOINT UNDERTAKING)

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

- 1.0 We confirm having enclosed at Annexure to this Attachment-3I, the requisite Deed(s) of Joint Undertakings.
- 2.0 Further, we confirm that in case of Award of Contract, our *Promoter(s)/*Collaborator(s)/ other executants of aforesaid Deed(s) of Joint Undertaking will furnish the requisite Bank Guarantee(s) as mentioned in the respective Deed(s) of Joint Undertaking.

Note:

*Strike off whichever is not applicable

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common Seal).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

Bidder's Name and Address :

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula-134109

Dear Sirs,

1.0 In line with clause No. ITB 8.3(c)(v) and requirements of Para 2(v) of Attachment-3C, we furnish below the brief write up in support of our established project management organisation.

Date : (Designation).....

Place : (Printed Name).....

* Bidder to use their own format for above details.

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

**BIDDER TO ATTACH DOCUMENTARY EVIDENCE ESTABLISHING IN ACCORDANCE WITH
CLAUSE NO. 2.0 OF ITB (SECTION-II) OF BIDDING DOCUMENTS THAT THE FACILITIES
OFFERED ARE ELIGIBLE FACILITIES AND CONFORM TO THE BIDDING DOCUMENTS.**

Date :

(Signature).....

Place :

(Printed Name).....

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

(Details of Special Tools and Tackles)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sir,

We are furnishing below the list of special maintenance tools & tackles for various equipment under the subject package. The prices for these tools & tackles are already included in the lumpsum bid price. We further confirm that this list of special maintenance tools & tackles includes all the items as per the requirement of Technical Specifications.

Notwithstanding what is stated above we further confirm that any additional special maintenance tools and tackles required for the equipment supplied under this package shall be furnished by us at no extra cost to the Employer.

S.No.	Description	Description of Tools & Tackles	Unit	Qty. of Equipment
-------	-------------	--------------------------------	------	-------------------

Date : (Signature).....

Place : (Printed Name).....

Note: Continuation Sheets of like size and format may be used as per Bidder's requirement and shall be annexed to this Attachment.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Details of Proposed Sub-contractors/Sub-Vendors)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109 .

Dear Sirs,

The details of all items of services or supply which we propose to sublet, giving details of the name and nationality of the proposed Sub-Contractor/Sub Vendor for each item are given in Annexure-..... to this Attachment-5.

Date : (Signature).....

Place : (Printed Name).....

- Note :
1. Continuation sheets of like size and format may be used as per Bidder's requirement and shall be annexed to this Attachment.
 2. Bidder shall attach letters of intent with the sub-contractors/sub-vendors so as to confirm their participation.
 3. Bidder may also propose sub-vendors from the "Indicative Vendor List" attached at Section VI.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(Information Relating to Alternative Bid)

(NOT APPLICABLE)

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Schedule of Erection Tools & Plant and Safety Equipment)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

We indicate herein below the erection equipment we have in our possession and the equipment we propose to bring to the Site, in case the contract is awarded to us.

A Erection Tools & Equipment

Sl. No.	Type and Description of the Equipment	Number the Bidder has in Possession	the Bidder proposes to bring to the site
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			
11.			
12.			
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42.			
43.			
44.			
45.			
46.			
47.			
48.			

We hereby confirm that the quantity and type of Certain tools and equipment, we will employ for construction/erection, will not be less than those listed above and agree to bring more equipment, if so warranted, in the opinion of the Project Manager. Our proposed construction/erection equipment utilization plan indicating utilization dates and time duration of all major erection and construction equipment placed on site is enclosed at Annexure to this attachment.

- B. We confirm having read the provisions of Appendix-1 to Form of Contract Agreement, Section-VII (Part 3 of 3) of Bidding Documents and Technical Specifications. In this regard, we confirm the following minimum suggestive Safety Equipments & Safety Personal Protective Equipments shall be brought to site:

S No	Minimum Suggested List of Safety Equipments and Safety Personal Protective Equipments	Minimum Nos. required
	Safety PPEs	
1	Safety Net	25 Nos.
2	Fall Arrester	30 Nos. of 'Rope Grab Fall arrester' and Karbiner each. 10 Nos. of anchorage line, each 30 metre long.
3	Horizontal life line	20 Nos. of wire rope, each 40 metre long.
4	Ladders on column	Cumulative length of ladders is 200 metres
5	Industrial Safety Helmet (IS:2925-1984 marked).	100 Nos.
6	Industrial Safety Shoes (IS:15298-2002 marked).	100 Nos.
7	Full Body Safety Harness (IS: 3521)	30 Nos.

We hereby confirm that the quantity and type of equipments, we will employ for construction/erection, will not be less than those listed above and agree to bring more equipment, if so warranted, in the opinion of the Project Manager.

Note : Continuation sheets of like size and format may be used as per Bidder's requirements and shall be annexed to this Attachment.

Date : (Designation).....

Place : (Printed Name).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE**DCRTPP, YAMUNA NAGAR (2X300 MW)****BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251****(Guarantee Declaration)**

Bidder's Name and Address:

To

Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs

We declare that the ratings and performance figures of the equipments furnished by us under the Package are guaranteed. We further declare that in the event of any deficiencies in meeting the guaranteed figures, you may at your discretion accept the equipment/system after assessing the Liquidated Damages as specified at Clause No. 3.00.00 of Sub-Section-VI, Part-A, Section- VI (Technical Specification) of the Bidding Documents or reject the equipment/system and recover the payments already made.

S. No.	Guaranteed Parameters	Guaranteed Figures
(I)	SO₂ removal Efficiency: The Contractor shall guarantee that SO ₂ removal efficiency shall not be less than the value specified under guarantee point conditions as specified in Clause 1.00.00, Sub-section-V, Part-A of Section-VI applicable for the project	Yes/No
(II)	Limestone Consumption The Contractor shall guarantee that limestone consumption of FGD system in kg/hr shall not be more than the value specified under guarantee point conditions for both the units with single absorber as specified in Clause 1.00.00, Subsection- V, Part-A of Section-VI applicable for the project.	Yes/No
(III)	Auxiliary Power Consumption The Contractor shall guarantee that total auxiliary power consumption for both the unit in normal operation shall not be more than the value specified under guarantee point conditions as specified in Clause 1.00.00, Sub-section-V, Part-A of Section-VI applicable for complete scope of work for the project.	Yes/No

Date : (Signature)

Place : (Printed Name)

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP, YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

**(Break up of Guaranteed Auxiliary Power Consumption Guarantee
Quoted as per Clause (III) of Attachment-8 of Bid Form For Information
Only)**

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sir,

Sl. No.	Name of Auxiliaries	No .in Operation	Total Power Consumption (in KW)
i.	Absorber Recirculation Pump(s)/Gas Cooling Pumps		
ii.	Absorber Oxidation Air Blower(s)		
iii.	Absorber Oxidation Tank Agitators		
iv.	Gypsum Bleed Pumps		
v.	Limestone Gravimetric feeder, Wet ball mill and the integral Auxiliaries		
vi.	Limestone Slurry Pump(s)		
vii.	Vacuum Belt Filter, Vacuum Pump and its integral auxiliaries		
viii.	Booster water pump(s) (if provided)		
ix.	Process water pump(s)		
x.	Clarified Booster water pump(s)		
xi.	Clarified water pump(s)		
xii.	Mist Eliminator Wash Water pump(s)		
xiii.	Booster Fans		
xiv.	Limestone Slurry Tank Agitators		
xv.	Filtrate Pump(s)		
xvi.	Belt Filter Wash Water Pump		

Sl. No.	Name of Auxiliaries	No .in Operation	Total Power Consumption (in KW)
xvii.	Hydro-cyclone Waste Water Sump Pump and Waste Water Pump		
xviii.	All other continuous running Agitators		
xix.	Air Conditioning System		
xx.	Auxiliary Cooling water pump		
xxi.	Belt Filter Wash Water Pump		
xxii.	Air Compressors		
xxiii.	Air Drying Plant		
xxiv.	DMCW pump		
xxv.	Any other continuously operating auxiliaries		

***Grand Total Power Consumption (KW)**

Note : *Bidder to note that Grand Total of Power Consumption of the above shall be mentioned at Sl. no.(III) of Attachment-8.

Date : (Designation).....

Place : (Printed Name).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP, YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO32/CE/PLG/DCRTPP/FGD-2511
(Demonstration Parameters)

Bidder's Name and Address:

To
 Chief Engineer / Planning,
 Haryana Power Generation Corporation Limited
 C-4, Shakti Bhawan, Sector-6
 Panchkula- 134109

Dear Sir,

We declare that the ratings and performance figures of the equipments furnished by us under the Package are guaranteed. We further declare that in the event of any deficiencies in meeting the guaranteed figures, you may at your discretion accept the equipment/system after assessing the deficiency as specified in Section-VI (Technical Specification) of the Bidding Documents or reject the equipment/system and recover the payments already made.

S.No. Guaranteed Parameters	Guaranteed Figures
(I) Wet ball Mill capacity in T/hr (as per Clause 4.02.00(i), Sub-section-VI, Part-A, Section-VI)	
(II) Wet ball Mill wear parts guarantee (Ref. Clause 4.02.00(ii), Sub-Section-VI, Part-A, Section-VI)	
(III) Wet ball Mill ball consumption (grams per ton of ground limestone) (Ref. Clause 4.02.00(iii), Sub-Section-VI, Part-A, Section-VI)	
(IV) Vacuum Belt Filter Capacity (T/hr) (Ref. Clause 4.02.00(iv), Sub-Section-VI, Part-A, Section-VI)	T/hr
(V) Gypsum Purity	
(1) Purity of the Gypsum	%
(2) Chloride Content	ppm
(3) Moisture Content	%
(Ref. Clause 4.02.00(v), Sub-Section-VI, Part-A, Section-VI)	

S. No. Guaranteed Parameters	Guaranteed Figure
(VI) Waste water (Ref. Clause 4.02.00(vi), Sub-Section-VI, Part-A, Section-VI)	m3/hr
(VII) Performance characteristics of Booster fans	
(1) Capacity	m3/Sec
(2) Head Developed, etc. (Ref. Clause 4.02.00(vii) Sub-Section-VI, Part-A, Section-VI)	mmwc
(VIII) Margins on Booster fans	
(1) Head	
(2) Flow (Ref. Clause 4.02.00(viii), Sub-Section-VI, Part-A, Section-VI)	
(IX) Passenger cum Goods Elevator for FGD absorber & Limestone Grinding Building: (Ref. Clause 4.02.00(ix), Sub-Section-VI, Part-A, Section-VI)	
(X) Noise	
<p>All the plant, equipment and systems covered under this specification shall perform continuously without exceeding the noise level over the entire range of output and operating frequency specified in Part-C of Section-VIA of the technical specifications. Noise level measurement shall be carried out using applicable and internationally acceptable standards. The measurement shall be carried out with a calibrated integrating sound level meter meeting the requirement of IEC 651 or BS 5969 or is9779. Sound pressure shall be measured all around the equipment at a distance of 1.0 m horizontally from the nearest surface of any equipment/ machine and at a height of 1.5 m above the floor level in elevation.</p>	

S. No. Guaranteed Parameters **Guarantee Figures**

A minimum of 6 points around each equipment shall be covered for measurement. additional measurement points shall be considered based on the applicable standards and the size of the equipment. the measurement shall be done with slow response on the a - weighting scale. the average of a-weighted sound pressure level measurements expressed in decibels to a reference of 0.0002 micro bar shall not exceed the guaranteed value. corrections for background noise shall be considered in line with the applicable standards. all the necessary data for determining these corrections, in line with the applicable standards, shall be collected during the tests.

- | | |
|---|-----------------------------|
| <p>(XI) Mist Outlet Droplet Content
(Ref. Clause 4.02.00(xi),
Sub-Section-VI, Part-A, Section-VI)</p> | <p>mg/Nm³</p> |
| <p>(XII) Availability of FGD Plant
(Ref. Clause 4.02.00(xii),
Sub-Section-VI, Part-A, Section-VI)</p> | |
| <p>(XIII) Air Conditioning System
(Ref. Clause 4.02.00(xiii),
Sub-Section-VI, Part-A, Section-VI)</p> | <p>As per Specification</p> |
| <p>(XIV) Ventilation System
(Ref. Clause 4.02.00(xiv),

Sub-Section-VI, Part-A, Section-VI)</p> | <p>As per Specification</p> |
| <p>(XV) Compressed Air System
(Ref. Clause 4.02.00(xv),
Sub-Section-VI, Part-A, Section-VI)</p> | <p>As per Specification</p> |
| <p>(XVI) Equipment cooling water System
(Ref. Clause 4.02.00(xvi),
Sub-Section-VI, Part-A, Section-VI)</p> | <p>As per Specification</p> |
| <p>(XVII) Limestone Handling System and Gypsum Handling System
(Ref. Clause 4.02.00(xvii),
Sub-Section-VI, Part-A, Section-VI)</p> | <p>As per Specification</p> |
-

Date : (Designation).....

Place : (Printed Name)

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

(Detail of Bought out items to be directly despatched by Sub-Vendors to site, without Value)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs

We declare that the following are the details of equipment & materials including mandatory spares to be directly despatched from the works of our sub- contractors/sub-vendors[@] and from the works of sub-contractors/sub-vendors of our Assignee (applicable for foreign bidder) to Project Site.

Sl. No.	Description of Equipment/ Material	Weight / Qty. (Tonnes) / (Nos.)
(1)	(2)	(3)
.....
.....

Date : (Signature)

Place : (Printed Name)

- Note :**
- Continuation sheets of like size and format, may be used as per Bidder's requirement and shall be annexed to this Attachment.
 - @ to be striked out, if not applicable.
 - The above is applicable for supply of plant and equipment including spares on Ex-works (India) Basis.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Information regarding Quality Assurance Programme)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

We hereby provide the necessary information on Quality Assurance Programme containing the overall Quality Management and procedures, which we propose to follow during various phases of execution of the Contract.

Date : (Signature).....

Place : (Printed Name)

Note : Continuation sheets of like size and format, may be used as per Bidder's requirement and shall be annexed to this Attachment.

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

(Additional Information included with the proposal)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

Sl. No.	Description of Information	Reference to Bidding documents	Reference to Bid Proposal
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Date : (Signature)

Place : (Printed Name)

Note: Continuation sheets of like size and format, may be used as per Bidder's requirement and shall be annexed to this Attachment.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(Technical Data Sheet)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Attachment-12 is separately bound book entitled "Technical Data Sheet" Bidder is required to fill in the Technical Data as per the format and submit the same alongwith bid as Attachment-12.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Price Adjustment Data)

Contract shall be on firm price basis

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Milestone Schedule)

Bidder's Name and Address:

To
 Chief Engineer / Planning,
 Haryana Power Generation Corporation Limited
 C-4, Shakti Bhawan, Sector-6
 Panchkula- 134109

Dear Sirs,

1.0 We hereby declare that the following completion schedule shall be followed by us in furnishing and installation the equipments under the Package. The period is commencing from the date of Notification of Award.

Work Schedule for Flue Gas Desulphurization System Package for HPGCL- Yamunanagar (2x300 MW).

Sl.No.	Activity/Description of Milestones	Duration in months from NOA	
		Start	Finish
A	Engineering Completion		
1.	Engineering for start of civil work and BOI order finalization,	00	02
2.	BOI engineering	-	03
B	Manufacturing & Supply		
3.	BOI Ordering	00	03
4.	Manufacturing & Supply of Equipments	-	14
5.	Manufacturing & Supply of gate, support structure, actuators etc. required for FGD inlet duct connection with ID-Chimney duct.	-	07
C	Civil and Structural Works of FGD		
6.	Initial mobilization	-	01
7.	Civil & Structural Works: Pilling, Civil & structural works for FGD system, Chimney, Limestone Handling System, Common Lime stone milling system, Absorber System, Gypsum Dewatering System Gypsum Handling System, Auxiliary Absorbent Tank, Process Water storage & Pumping System, Waste Water treatment system and associated cable trestles for air & water lines, slurry lines, steam line & waste water lines etc as per technical specification.	02	16
D	Equipment Erection		
8.	Equipment erection for FGD system, Limestone Grinding System, Absorber System, Gypsum Dewatering System, Auxiliary Absorbent Tank, Process Water storage & Pumping System, Waste Water treatment system etc. as per technical specification.	06	22
9.	Electrical and C&I: For FGD system, Limestone Handling System, Common Lime stone milling system, Absorber System, Gypsum Dewatering System, Gypsum Handling System, Auxiliary Absorbent Tank etc.	-	24
E	Commissioning of FGD		
10	Commissioning as per definition in technical specification	-	27
F	Completion of facilities		30

Note:

- The schedule given above is for Unit#1, #2 (as single absorber is used) and Common facilities.
- Supply of mandatory spares needs to be ensured along with respective main equipment.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(Details of Equipment and Mandatory Spares including Type Tests to be imported from Associate/Collaborator by manufacturer or bidder)

Dear Sirs,

We confirm that we are seeking qualification on the basis of association/collaboration with the manufacturer(s) of particular equipment(s). We further confirm that such equipment and mandatory spares, which shall be imported from the associate's/collaborator's country by the manufacturer or by us have been listed in this Attachment and the price of such equipment including type tests and mandatory spares have been included in the total price to be quoted by us in Schedule-1.

S.No.	Description of equipment/ Mandatory Spare/Type Test	Quantity/Weight

Date : (Designation).....
Place : (Printed Name).....

- Note : 1. This Attachment is to be filled in by all bidders.
2. Continuation sheets of like size and format may be used as per Bidder's requirement and shall be annexed to this Attachment.

I/We hereby declare that the particulars given above are correct and complete. If the transaction is delayed or credit is not affected at all for reasons of incomplete or incorrect information, I/We would not hold the Employer responsible. We have enclosed document as mentioned at Sl. No. 4(F) and 5 above.

DATE

--	--	--	--	--	--

SIGNATURE

(AUTHORISED SIGNATORY)

Name:

--	--	--	--	--	--	--	--	--	--

OFFICIAL STAMP

BANK CERTIFICATION:

It is certified that above mentioned beneficiary holds a bank account no.
with our branch and the Bank particulars mentioned above are correct.

DATE

--	--	--	--	--	--

SIGNATURE

(AUTHORISED SIGNATORY)

Authorisation No. :

Name:

--	--	--	--	--	--	--	--	--	--

OFFICIAL STAMP

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(FORM OF ACCEPTANCE OF FRAUD PREVENTION POLICY)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Ladies and/or Gentlemen,

We have read the contents of the Fraud Prevention Policy of HPGCL displayed on its website <http://www.hpgcl.org.in> and undertake that we along with our Associate/Collaborator/Sub-Contractors/Sub-Vendors/Consultants/Service Providers shall strictly abide by the provisions of the Fraud Prevention Policy of the employer.

Yours faithfully,

Date : (Signature).....

Place : (Printed Name).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(DECLARATION ON BANNING POLICY)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

- (1) We have read the contents of the Banning Policy of HPGCL as at Clause 47 of GCC attached with this Bidding document and agree to abide by this policy. Further, in terms of requirement under Banning policy we hereby declare the following:
 - a) We have not been Banned/Blacklisted as on date of submission of bid by any organization.
 - b) We have not employed any public servant dismissed/removed or person convicted for an offence involving corruption or abetment of such offences.
 - c) Our Director(s)/ Owner(s)/ Proprietor/ Partner(s) have not been convicted by any court of law for offences involving corrupt and fraudulent practices including moral turpitude in relation to business dealings with Government of India, Govt of Haryana, HPGCL during the last five years.

- (2) We further declare as under:
that if at any point subsequent to award of Contract, the declarations given above are found to be incorrect, EMPLOYER shall have the full right to terminate the Contract and take any action as per applicable laws for breach of contract including forfeiture of Bid Security/Performance Bank Guarantee.

Date : (Signature).....

Place : (Printed Name).....

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

INTEGRITY PACT
(Submitted offline before Bid Opening for Techno-Commercial Bid)

- NOT APPLICABLE -

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

(Information regarding Safety Management)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Dear Sirs,

We have read the provisions pertaining to Safety and hereby undertake to comply all the provisions of Bidding Documents in this regard.

We hereby confirm that all the measures to ensure highest level of Safety during execution at Site shall be taken by us.

Further, in terms of the provisions of Clause No. *..... of Technical Specification (Section-VI) of Bidding Documents, a proposed "Safety Plan" is attached herewith as Appendix-I to this Attachment.

A "Safety Co-ordination Procedure" shall be finalized during post bid discussions of Techno-Commercial Bid.

The above proposed "Safety Plan" shall be further discussed/ finalized at Site, in line with the agreements made in "Safety Co-ordination Procedure", and shall be approved by Project Manager/Engineer-In-Charge/ Head of Project before start of work at Site.

Date : (Signature).....

Place : (Designation)

Note : Continuation sheets of like size and format, may be used as per Bidder's requirement and shall be annexed to this Attachment.

* Clause no. to be inserted by the Package Coordinator in the Bidding documents.

SAFETY PLAN

01. Safety Policy of the Contractor to be enclosed:
02. When was the Safety Policy last reviewed:
03. Details of implementation procedure / methods to implements Safety Policy /Safety Rules:
04. Name, Qualification, experience of Safety Officer
05. Review of Accidents Analysis Method, Methods to ensure Safety and Health:
06. Unit executive responsible to ensure Safety at various levels in work area:
07. List of employees trained in safety employed before execution of the job.
Give the details of training:
08. Safety Training Targets, Schedules, methods Adopting to providing safety training to all employee:
09. Details of checklist for different jobs / work and responsible person to ensure compliance (copy of checklist to be enclosed):
10. Regular Safety Inspection Methods and Periodicity and list of members to be enclosed:
11. Risk Assessment, Safety Audit by Professional Agencies, Periodicity:
12. Implementation of Recommendations of Audit / Inspections, Procedures for Implementation and follow up:
13. Provision for treatment of injured persons at work site:
14. Review of overall safety by top Management and Periodicity:
15. System for Implementation of Statutory legislations:
16. Issue of PPEs to employees, Periodicity / stock on hand etc.:
17. Specify safety measures for round the clock working (specially during night):

Signature
Head of the Organization

With date & stamp

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251 (NO
DEVIATION CERTIFICATE)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

- 1.0 With reference to our Bid Proposal No..... dated.....for **Flue Gas Desulphurisation (FGD) System Package for DCRTPP Yamuna Nagar (2X300 MW)**, Bid Document No. 32/CE/PLG/DCRTPP/FGD-251, we hereby confirm that we comply with all terms, conditions and specifications of the Bidding Documents read in Conjunction with Amendment(s)/ Clarification(s)/ Addenda/Errata (if any) issued by the Employer prior to opening of Techno- Commercial Bids and the same has been taken into consideration while making our Techno-Commercial Bid & Price Bid and we declare that we have not taken any deviation in this regard.
- 2.0 We further confirm that any deviation, variation or additional condition etc. or any mention, contrary to Bidding Documents and its Amendment(s)/ Clarification(s)/ Addenda/Errata (if any) as mentioned at 1.0 above found anywhere in our Techno-Commercial Bid and/or Price Bid, implicit or explicit, shall stand unconditionally withdrawn, without any cost implication whatsoever to Employer, failing which the bid security shall be forfeited.

Date : (Signature).....

Place : (Designation)

Note : Bidder to confirm in the attribute field in SRM.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE

DCRTPP YAMUNA NAGAR (2X300 MW)

BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

(CONFIRMATION REGARDING ONGOING COLLABORATION AND LICENSING AGREEMENT)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

With reference to our Bid Proposal No..... dated.....for **Flue Gas Desulphurisation (FGD) System Package for DCRTPP Yamuna Nagar (2X300 MW)**, Bid Document No. 32/CE/PLG/DCRTPP/FGD-251, we hereby confirm that in line with the qualifying requirements specified in Item No. 3.1.2.2 & 3.1.2.3 of Bid Data Sheets, Section-III of Bidding Documents, we have a valid Ongoing Collaboration and licensing agreement (copy enclosed at Annexure this Attachment) with M/s..... (Name of QFGDM) (who meets the requirement of Item no. 3.1.1.1 of BDS on its own), whose address is..... (Address of QFGDM), valid minimum up to the end of the defect liability period of the contract.

Date : (Signature).....

Place : (Designation)

Note: The above certificate (if applicable) is to be submitted in a separate sealed envelope.

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(NON BLACKLISTING CERTIFICATE)**

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

We M/s hereby declare that:

a) *We have not been blacklisted by any organization.

or

b) *We had been blacklisted by organization(s) in the past as detailed under:

Sl. No.	Name and address of the organization	Period of Blacklisting		Ref No and date of Letter form the organization revoking the blacklisting (Please enclose copy of the letter)
		Form	To	
1.				
2.				
3.				
4.				
5.				
6.				

We further declare that presently we are not under blacklisting by any organization.

We further confirm that the above information is true and in case it is found otherwise the employer may take any penal action as their policy.

Date :

(Signature).....

Place :

(Printed Name).....

(Designation).....

(Common Seal).....

*strike out whichever is not applicable.

Please use additional sheets of the same format as required.

FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251
(CERTIFICATE REGARDING PRICES OF MANDATORY SPARES)

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation Limited
C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

It is certified that the prices of mandatory spares quoted are equal to or less than five (5) % of the supply portion of the total quoted prices in the schedule 1 & 2 excluding the cost of mandatory spares & type test charges.

Date :

(Signature).....

Place :

(Printed Name).....

(Designation).....

(Common Seal).....

**FLUE GAS DESULPHURISATION (FGD) SYSTEM PACKAGE
DCRTPP, YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251**

Bidder's Name and Address:

To
Chief Engineer / Planning,
Haryana Power Generation Corporation
Limited C-4, Shakti Bhawan, Sector-6
Panchkula- 134109

Summary of Critical Equipment indicated under clause 4.01.00, sub-section-I, Part-A of Section-VI.

Equipment Name	Sub-Vendor Name	Collaborator's Name, if applicable	Seeking Qualification as per clause..... Sub-Section-I, Part-A of Section-VI
Booster Fans			*4.01.01 /*4.01.02 /*4.01.03
*Slurry Recirculation Pumps			*4.01.01 /*4.01.03 /*4.01.07
Oxidation Blowers			*4.01.01 /*4.01.03 /*4.01.04
Wet limestone Grinding mills			*4.01.01 /*4.01.03 /*4.01.05 (i)/ 4.01.05 (ii)
Slurry Pumps			*4.01.01/*4.01.03
Agitators			*4.01.01 /*4.01.03 /*4.01.06
Vacuum Belt filters			*4.01.01 /*4.01.03

Signature of authorized signatory.....

Note : *Strike-off whichever is not applicable.

1. If qualification sought as per clause 4.01.01, sub-section-I, Part-A of Section-VI then the details of the sub vendor (manufacturer) shall be filled by the bidder in the format A to G.
2. If the qualification sought as per the clause 4.01.02, sub-section-I, Part-A of Section-VI, then the details of proposed sub vendor (i.e manufacturer of such equipment for at least 500 MW unit rating) shall be filled individually by the bidder in the format A and the details of collaborator who meets the requirement stipulated at 4.01.01, sub-section-I, Part-A of Section-VI shall also be filled by the bidder in the format A separately. Further, in case of qualification vide clause 4.01.02, sub-section-I, Part-A of Section-VI a copy of valid ongoing collaboration and technology transfer agreement for design, engineering, manufacturing, supply of such equipment in India with the collaborator who meets the requirement stipulated at 4.01.01, sub-section-I, Part-A of Section-VI shall also be furnished.
3. If the qualification sought as per the clause 4.01.03, sub-section-I, Part-A of Section-VI then the details of JV/Subsidiary Company formed for manufacturing of such equipment in India shall be furnished individually for each equipment by the bidder such as,
 - i) Copy of document of incorporation of JV/Subsidiary company in India
 - ii) Copy of valid ongoing collaboration and technology transfer agreement for design, engineering, manufacturing, supply of such equipment in India with the collaborator who meets the requirement stipulated at 4.01.01, sub-section-I, Part-A of Section-VI.
 - iii) Copy of document of at least 26% equity participation of qualified equipment manufacturer in the Indian JV company/subsidiary company directly or indirectly through its holding company /Subsidiary company, which shall be maintained for a lock -in period of seven (7) years from the date of incorporation of such JV/subsidiary or up to the end of defect liability period of the contract which ever is later.

Further, the details of collaborator or technology provider of the qualified equipment manufacturer who meets the requirement stipulated at 4.01.01, sub-section-I, Part-A of Section-VI shall be filled by the Bidder in the format A to G (format given at 1.00.00). In addition to that, the sub vendor along with the Indian JV company/subsidiary company, qualified equipment manufacturer and its holding company/subsidiary company as applicable shall furnish the Letter of Support as per the format enclosed at Annexure-I.

*** strike out whichever is not applicable.**

Signature of authorized signatory.....

1.00.00 (Applicable for Bidder/his sub vendors seeking qualification as per clause no. 4.01.01, Sub section-I, Part-A of Section-VI. Bidder shall furnish the required data only for those equipments / auxiliaries which are proposed to be sourced under this route.)

We, hereby furnish the data on proveness criteria for critical equipment, auxiliaries, systems and Bought Out Items such as Booster Fans, *Slurry Recirculation Pumps, Oxidation Blowers, Wet Limestone Grinding Mills, Slurry Pumps, & Agitators which have been designed (either by self manufacturer or under valid ongoing collaboration and technology transfer agreement), *manufactured/ *got manufactured and supplied by us /Manufacturer (or manufactured/ got manufactured & supplied by our proposed sub-vendors) and these are in successful operation in at least one (1) plant for a period not less than one year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder. The details of type and minimum equipment rating of such equipment are given below :

A. For Booster Fans: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement),*manufactured/*got manufactured and supplied at least one (1) number of Booster Fan of required flow & head of the offered Booster Fan with Fan Speed 900 rpm (maximum), Axial type with variable pitch control working in a Coal fired power plant and which has been in successful operation for minimum one(1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	No. of units and capacity in MW of unit:	
4.	Whether equipment operating in a coal fired power plant	-*Yes/*No
5.	Name of equipment manufacturer & address:	

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
6.	Date of commission of the equipments:	
7.	Model no. of the equipment:	
8.	Brief Technical particulars of the equipments:	
9.	Flow -	.....m ³ /Sec with
10.	Head -	..... mmWC &
11.	Fan Speed -	..... rpm
12.	Whether the equipment(s) are in successful operation in at least one(01) plant for a period not less than one (01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	- *Yes/*No
13.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure.....to Attachment-3K
14.	Performance details:	*Certificate/*Letter/*E-mail/*Performance Curve from End user enclosed at Annexure.....to Attachment-3K

* Strike off whichever is not applicable.

Signature of authorized signatory.....

B. Slurry Recirculation Pumps: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement), *manufactured/*got manufactured and supplied at least one (1) number of Slurry Recirculation Pumps of required flow & head of the offered Slurry Recirculation Pump, Centrifugal type working in a Wet Limestone based FGD application in Coal fired power plant and which has been in successful operation for minimum one (1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	No. of units and capacity in MW of unit:	
4.	Whether operating in a Wet Limestone based FGD application in Coal fired power plant	- *Yes/*No
5.	Name of equipment manufacturer & address:	
6.	Date of commission of the equipments:	
7.	Model no. of the equipment:	
8.	Brief Technical particulars of the equipments:	
9.	Flow-	.....m ³ /h

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
10.	Head-	..... meters of liquid column
11.	Whether the equipment(s) are in successful operation in atleast one (01) plant for a period not less than one(01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	- *Yes/*No
12.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drawing from user or *contract document or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
13.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure....to Attachment-3K
14.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure....to Attachment-3K

*** Strike off whichever is not applicable.**

Signature of authorized signatory.....

C. Oxidation Blowers: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement), *manufactured/ *got manufactured and supplied at least one (1) number of Oxidation Blower of required flow & head of the offered Blower, Centrifugal/positive displacement type working in FGD application in Coal fired power plant or any other process application and which has been in successful operation for minimum one (1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address: Oxidation	
3.	No. of units and capacity in MW of unit:	
4.	Whether power plant is coal fired	-*Yes/*No
5.	Whether operating in a Wet Limestone based FGD application in Coal fired power plant	-*Yes/*No
6.	Name of equipment manufacturer & address:	
7.	Date of commission of the equipments:	
8.	Model no. of the equipment:	
9.	Brief Technical particulars of the equipments:	
10.	Flow-	.....Nm ³ /h

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
11.	Head-	..... mmWC
12.	Whether the equipment(s) are in successful operation in atleast one (01) plant for a period not less than one (01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	-*Yes/*No
13.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drawing from user or *contract document or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
14.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure....to Attachment-3K
15.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure....to Attachment-3K

* Strike off whichever is not applicable.

Signature of authorized signatory.....

D. Wet limestone Grinding mills: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement), *manufactured/*got manufactured and supplied at least one (1) number of Wet limestone Grinding mill of the required capacity with pulverizing fineness not less than 90% thru 325 mesh, working in Wet limestone based FGD application in Coal fired power plant and which has been in successful operation for minimum one(1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	Whether power plant is coal fired	-*Yes/*No
4.	Whether operating in a Wet Limestone based FGD application in Coal fired power plant	-*Yes/*No
5.	Name of equipment manufacturer & address:	
6.	Date of commission of the equipments:	
7.	Model no. of the equipment:	
8.	Brief Technical particulars of the equipments:	
9.	Capacity-	.....TPH with pulverizing fineness not less than 90% thru 325mesh

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
10.	Whether the equipment(s) are in successful operation in atleast one (01) plant for a period not less than one (01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	-*Yes/*No
11.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drawing from user or *contract document or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
12.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure....to Attachment-3K
13.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure....to Attachment-3K

* Strike off whichever is not applicable.

Signature of authorized signatory.....

E. Slurry Pumps: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement), *manufactured/*got manufactured and supplied at least one (1) number of Slurry Pump of required flow & head, Centrifugal type working in Wet Limestone based FGD application or ash slurry application in coal fired power plant and which has been in successful operation for minimum one (1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	No. of units and capacity in MW of unit:	
4.	Whether operating in a Wet Limestone based FGD application or similar process/duty application	-*Yes/*No
5.	Whether operating in a similar process/duty application	-*Yes/*No....(indicate industry type)
6.	Name of equipment manufacturer & address:	
7.	Date of commission of the equipments:	
8.	Model no. of the equipment:	
9.	Brief Technical particulars of the equipments:	
10.	Flow-	.....m ³ /h

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
11.	Head-	..... meters of liquid column
12.	Whether the equipment(s) are in successful operation in atleast one(01) plant for a period not less than one(01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	-*Yes/*No
13.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drawaing from user or *contract document or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
14.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure....to Attachment-3K
15.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure....to Attachment-3K

*** Strike off whichever is not applicable.**

Signature of authorized signatory.....

F. Agitators: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement),*manufactured/*got manufactured and supplied at least one (1) number of Agitators with rating not less than that supplied for 500 MW or higher size unit for similar application, Vertical/Horizontal type working in Wet Limestone based FGD application in Coal fired power plant and which has been in successful operation for minimum one(1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below::

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	No. of units and capacity in MW of unit:	
4.	Whether power plant is coal fired	-*Yes/*No
5.	Whether operating in a Wet Limestone based FGD application in coal fired power plant	-*Yes/*No
6.	Name of equipment manufacturer & address:	
7.	Date of commission of the equipments:	
8.	Model no. of the equipment:	
9.	Brief Technical particulars of the equipments:	
10.	Agitators supplied for	.....MW unit size

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
11.	Whether the equipment(s) are in successful operation in atleast one(01) plant for a period not less than one(01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	-*Yes/*No
12.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drwaing from user or *contract document or *scheme or *any document in public domain enclosed at annexure.....to Attachment-3K
13.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure.....to Attachment-3K
14.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure.....to Attachment-3K

*** Strike off whichever is not applicable.**

Signature of authorized signatory.....

G. Vacuum Belt filters: We declare that, we/our Sub-Vendor, have designed (either by itself or under collaboration / licensing agreement), *manufactured/*got manufactured and supplied at least one (1) number of Vacuum Belt filter of required capacity , Belt type, working in Wet Limestone based FGD application in Coal fired power plant and which has been in successful operation for minimum one(1) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder, as per the details furnished below:

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	No. of units and capacity in MW of unit:	
4.	Whether power plant is coal fired	-*Yes/*No
5.	Whether operating in a Wet Limestone based FGD application in coal fired power plant	-*Yes/*No
6.	Name of equipment manufacturer & address:	
7.	Date of commission of the equipment:	
8.	Model no. of the equipment:	
9.	Brief Technical particulars of the equipment:	
10.	Capacity-	.....TPH

Signature of authorized signatory.....

Sl. No.	Description	Reference Work
11.	Whether the equipment(s) are in successful operation in atleast one(01) plant for a period not less than one(01) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder	-*Yes/*No
12.	Flue gas Desulphurization system details:	*Technical extract/ *paper letter/ *email/ *Drwaing from user or *contract document or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
13.	Scope of Work:	*Letter of Award or *Contract or *P.O. enclosed at Annexure....to Attachment-3K
14.	Performance details:	*Certificate/*Letter/*E-mail from End user enclosed at Annexure....to Attachment-3K

*** Strike off whichever is not applicable.**

Signature of authorized signatory.....

***2.00.00** **Applicable for Bidder/his sub vendors seeking provenness criteria as per clause no. 4.01.02, Sub section-I, Part-A of Section-VI.**

2.01.00 We, hereby confirm that we/our sub-vendors are a regular manufacturer of Booster Fan for units of atleast 500 MW rating and the details in this regard on provenness criteria as per clause **4.01.01**, sub-section-I, Part-A, Section-VI are hereby furnished below:

***Bidder to strike off whichever is not applicable.**

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

2.02.00 We further confirm that details in respect of collaboration / valid licencing agreement for the aforesaid equipment as per 2.01.00 above who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI are enclosed at **Annexure-.....** to this Attachment. The data in respect of proveneness criteria for these equipment which are in successful operation in at least one (1) plant for a period not less than one reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder are furnished below. We further confirm that we/ our sub vendor(s) have created manufacturing and testing facilities at our/ their works as per collaborator's/ Licensor's design, manufacturing & quality control system for these equipment(s)/ Auxiliary(ies).

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

Signature of authorized signatory.....

***3.00.00** **Applicable for JV Company/Subsidiary Company meeting provenness criteria as per clause no. 4.01.03, Sub section-I, Part-A of Section-VI.**

3.01.00 We, hereby confirm that JV company/ Subsidiary company (Strike off whichever is not applicable) formed for manufacturing and supply of equipment(s) (*Booster Fans, *Slurry Recirculation Pumps, *Oxidation Blowers, *Wet Limestone Grinding Mills, *Slurry Pumps, *Agitators, *Vacuum Belt Filters) has a valid ongoing collaboration and technology transfer agreement for design, engineering, manufacturing of such equipment(s) in India with a qualified equipment manufacturer who meets the requirements stipulated at clause 4.01.01 of sub-section-I, Part-A, Section VI of bidding documents (or the technology provider of the qualified equipment manufacturer). Further, in such a case, such qualified equipment manufacturers is having, directly or indirectly through its holding company/subsidiary company, at least 26% equity participation in the Indian Joint Venture Company/subsidiary company, which shall be maintained for a lock-in period of seven (7) years from the date of incorporation of such Joint Venture / Subsidiary or up to the end of defect liability period of the contract, whichever is later. Before taking up the manufacturing of such equipment(s) (*Booster Fans, *Slurry Recirculation Pumps, *Oxidation Blowers, *Wet Limestone Grinding Mills, *Slurry Pumps, *Agitators, *Vacuum Belt Filters), we/ our sub vendor(s) *will create /*have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system.

We further confirm that details in respect of collaboration / valid licencing agreement for the aforesaid equipment(s) (*Booster Fans, *Slurry Recirculation Pumps, *Oxidation Blowers, *Wet Limestone Grinding Mills, *Slurry Pumps, *Agitators, *Vacuum Belt Filters) who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI for are enclosed at **Annexure-.....** to this Attachment.

Signature of authorized signatory.....

***4.00.00** **Applicable for Bidder/his sub vendors seeking provenness criteria as per clause no. 4.01.04, Sub section-I, Part-A of Section-VI.**

4.01.00 We, hereby confirm that *we/*our sub-vendors is a manufacturer of Blowers/compressors for minimum 50 NM₃/min capacity. (Details of references enclosed at Annexure)

(Data to be furnished in line with format given at 1.00.00 of this Attachment))

4.02.00 We further confirm that details in respect of collaboration / valid licencing agreement for the Oxidation Blower between *us/*our sub-vendors, as per 4.01.00 above, and with qualified Oxidation Blower manufacturer, who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI are enclosed as per **Annexure-I** to this Attachment. The data in respect of proveneness criteria for the qualified Oxidation Blower manufacturer, which are in successful operation in at least one (1) plant for a period not less than one reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder are furnished below. We further confirm that we/ our sub vendor(s) have created manufacturing and testing facilities at our/ their works as per collaborator's/ Licensor's design, manufacturing & quality control system for the Oxidation Blowers.

We further confirm that before taking up the manufacturing of such Oxidation Blower *we/ *our sub vendor(s) *will create /*have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system.

We further confirm that details in respect of collaboration / valid licencing agreement for the Oxidation Blowers who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI for are enclosed at **Annexure-.....** to this Attachment.

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

Signature of authorized signatory.....

***5.00.00** **Applicable for Bidder/his sub vendors seeking provenness criteria as per clause no. 4.01.05 (i), Sub section-I, Part-A of Section-VI.**

5.01.00 We, hereby confirm that *we/*our sub-vendors is a manufacturer of Dry Grinding Mills for minimum 20 T/h capacity. (Details of references enclosed at Annexure

(Data to be furnished in line with format given at 1.00.00 of this Attachment))

5.02.00 We further confirm that details in respect of collaboration / valid licencing agreement for the Wet Grinding Mills between *us/*our sub-vendors, as per 5.01.00 above, and with qualified Wet Grinding Mill manufacturer, who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI are enclosed at **Annexure-.....** to this Attachment. The data in respect of proveneness criteria for the qualified Wet Grinding Mill manufacturer, which is in successful operation in at least one (1) plant for a period not less than one reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder are furnished below.

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

We further confirm that before taking up the manufacturing of such Wet Grinding Mill *we/ *our sub vendor(s) *will create /*have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system.

In addition, the Bidder along with our sub-vendors, as per 5.01.00 above (if applicable) and the qualified Wet Grinding Mill manufacturer and its holding/ subsidiary Company, as applicable, shall furnish Letter of Support as per the format enclosed at Annexure-I.

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

Signature of authorized signatory.....

***6.00.00** **Applicable for Bidder/his sub vendors seeking provenness criteria as per clause no. 4.01.05 (ii), Sub section-I, Part-A of Section-VI.**

6.01.00 We, hereby confirm that *we/*our sub-vendors have designed, manufactured & supplied dry Grinding Ball Tube mills for at least 500 MW pulverized coal fired power plant. (Details of references enclosed at Annexure)

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

6.02.00 We further confirm that details in respect of valid licencing agreement for the Wet Grinding Mills between *us/*our sub-vendors, as per 6.01.00 above, and with qualified Wet Grinding Mill manufacturer, who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI are enclosed at **Annexure-.....** to this Attachment. The data in respect of proveneness criteria for the qualified Wet Grinding Mill manufacturer, which is in successful operation in at least one (1) plant for a period not less than one reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder are furnished below.

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

We further confirm that *we/*our sub-vendors shall provide an extended warranty of three (3) years for the Wet Limestone Grinding Mills

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

Signature of authorized signatory.....

***7.00.00** **Applicable for Bidder/his sub vendors seeking provenness criteria as per clause no. 4.01.06, Sub section-I, Part-A of Section-VI.**

7.01.00 We, hereby confirm that *we/*our sub-vendors is a manufacturer of a manufacturer of Agitators for similar process/duty application in petrochemical or metals and mining industry. (Details of references enclosed at Annexure)

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

7.02.00 We further confirm that details in respect of collaboration / valid licencing agreement for the Agitator between *us/*our sub-vendors, as per 6.01.00 above, and with qualified Agitator manufacturer, who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI are enclosed at **Annexure-.....** to this Attachment. The data in respect of proveneness criteria for the qualified Agitator manufacturer, which is in successful operation in at least one (1) plant for a period not less than one reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder are furnished below.

We further confirm that before taking up the manufacturing of such Agitator, *we/ *our sub vendor(s) *will create /*have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system.

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

Signature of authorized signatory.....

***8.00.00** **Applicable for Bidder/his sub vendors seeking provenness criteria as per clause no. 4.01.07, Sub section-I, Part-A of Section-VI.**

8.01.00 We, hereby confirm that *we/*our sub-vendors is a manufacturer of a manufacturer of Slurry Pumps who meets the requirements stipulated at clause 4.01.01 (e), sub-section-I, Part-A, Section-VI.
(Details of references enclosed at Annexure

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

8.02.00 We further confirm that details in respect of collaboration / valid licencing agreement for the Slurry Recirculation Pumps, between *us/*our sub-vendors, as per 7.01.00 above, and with qualified Slurry Recirculation Pump manufacturer, who meets the requirement stipulated at clause **4.01.01**, sub-section-I, Part-A, Section-VI are enclosed at **Annexure-.....** to this Attachment. The data in respect of proveneness criteria for the qualified Slurry Recirculation Pump manufacturer, which is in successful operation in at least one (1) plant for a period not less than one reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder are furnished below.

We further confirm that before taking up the manufacturing of such Slurry Recirculation Pumps, *we/ *our sub vendor(s) *will create /*have created manufacturing facilities at his works as per collaborator's/licenser's design, manufacturing and quality control system.

(Data to be furnished in line with format given at 1.00.00 of this Attachment)

Signature of authorized signatory.....

9.00.00 Agency for Wet Stack Flow Model Study

We declare that, we/our Sub-Vendor, has successfully performed at least two (2) flow model studies, in separate coal fired power plants, of wet stack installed after wet limestone based FGD Absorber (without reheating of cleaned flue gas), and based on the studies developed at least two (2) wet stack liquid collection systems which are in successful operation for a period of at least two (2) years reckoned as on the date of consideration for approval but not later than six months after award date of contract to the Main bidder.

Sl. No.	Description	Reference Work
1.	Name of the reference plant & location:	
2.	Client name and his address:	
3.	Unit No. and capacity in MW of unit where wet stack is installed:	
4.	Whether wet stack installed after wet limestone based FGD Absorber (without reheating of cleaned flue gas)	-*Yes/*No
5.	Whether operating in a similar process/duty application	-*Yes/*No....(indicate industry type)
6.	Name of Agency for Wet Stack Flow Model Study & address:	
7.	Date of commission of the Wet Stack & Condensation collection system of stack:	
8.	Height of wet stack (m):	
9.	Diameter of wet stack (m):	

Signature of authorized signatory.....

10. Liner material of wet stack:
11. Maximum designed flue gas velocity in wet stack(m/s):
12. Whether wet stack liquid collection system for stack developed by Agency who has carried out Wet Stack Flow Model Study -*Yes/*No
13. Whether the wet stack liquid collection system is in successful operation for a period not less than two(02) year -*Yes/*No
12. Whether the wet stack liquid collection system is in successful operation in atleast one (01) plant for a period not less than two (02) year reckoned as on the date of consideration for approval but not later than six months to award date of contract to the Main bidder -*Yes/*No
13. Wet stack & wet stack liquid collection system details: *Technical extract/ *paper letter/ *email/ *Drawing from user or *contract document or *scheme or *any document in public domain enclosed at annexure....to Attachment-3K
14. Scope of Work: *Letter of Award or *Contract or *P.O. enclosed at Annexure.....to Attachment-3K
15. Performance details: *Certificate/*Letter/*E-mail from End user enclosed at Annexure.....to Attachment-3K
-

*** Strike off whichever is not applicable.**

Signature of authorized signatory.....

10.00.00

Sub : Provenness Criteria for Civil & Steel Structural Works:

(I) We declare that we/our Sub-vendor's/ Agency(ies) meet the Provenness Criteria stipulated at Clause No. 4.02.00 of Part-A, Sub-Section-I of Section-VI of our own*/jointly with our Sub-Vendors as indicated below:

Ref. of QR	Clause 4.02.01	Clause 4.02.03
Whether Bidder meets the requirement	* Yes/No	* Yes/No
** Whether Sub-vendor/Civil Construction Agency M/s..... meets part of the requirement	* Yes/No	* Yes/No
** Whether Sub-vendor/Civil Construction Agency M/s..... meets part of the requirement	* Yes/No	* Yes/No
** Whether Sub-vendor/Civil Construction Agency M/s..... meets part of the requirement	* Yes/No	* Yes/No

* Strike off whichever is not applicable.

** Add more agencies if proposed.

Signature of authorized signatory.....

Sub : Provenness Requirements for the Civil & Steel Structural Works Design and Detail Engineering

(II) We declare that we/our Sub-vendor's/ Agency(ies) meet the Criteria stipulated at Clause No. 4.02.05 of Part-A, Sub-Section-I of Section-VI of our own*/jointly with our Sub-Vendors as indicated below:

S.No.	Ref. of QR	Clause 4.02.05
1	Whether Bidder meets the requirement	* Yes/No
2	** Whether Consulting agency M/s..... meets part of the requirement	* Yes/No
3	** Whether Consulting agency M/s..... meets part of the requirement	* Yes/No
4	** Whether Consulting agency M/s..... meets part of the requirement	* Yes/No
5	** Whether Consulting agency M/s..... meets part of the requirement	* Yes/No

* Strike off whichever is not applicable.

** Add more agencies if proposed.

Signature of authorized signatory.....

(III) In order to satisfy the Qualifying Requirements stipulated at Clause No. 4.02.01 of Sub-Section-I, Part-A of section-VI, we declare that *We/our Sub-Vendors *M/s. have executed **Earth Work in filling** including cutting in hard rock for a coal based/lignite based power plant as per details given below:

Sl. No.	Name of contracts	Name & Address of Client	Ref. No. and date of Award of Contract	Date of completion of works		Actually executed earth work quantity** for the reference contract ----- Cu.m/year	Asking rate of earth work for this contract ----- Cu.m/year	Remarks
				As per Contract	Actual			
1	2	3	4	5	6	7	8	9

Note : i) Certificate from client(s) i.e. M/s regarding the quantum of Earth work in filling work executed during the one year period in the above contracts is enclosed at Annexure

ii) One Year means any continuous 12 months period within entire contract period.

***Strike out whichever is not applicable.**

Signature of authorized signatory.....

(IV) In order to satisfy the Qualifying Requirements stipulated at Clause No. 4.02.01 of Sub-Section-I, Part-A of section-VI, we declare that *We/our Sub-Vendors *M/s. have executed **Piling** works for a coal based/lignite based power plant as per details given below:

Sl. No.	Name of contracts	Name & Address of Client	Ref. No. and date of Award of Contract	Date of completion of works		Actually executed piling quantity ** for the reference contract		Asking rate of piling for this contract		Remarks
				As per Contract	Actual	Dia (mm)	(RM / year)	Dia (mm)	(RM / year)	
1	2	3	4	5	6	7	8	9	10	11

Note : i) Certificate from client(s) i.e. M/s regarding the quantum of piling work executed during the one year period in the above contracts is enclosed at Annexure

ii) One Year means any continuous 12 months period within entire contract period.

***Strike out whichever is not applicable.**

** Installation of pile using rotary hydraulic rigs

Signature of authorized signatory.....

(V) In order to satisfy the Qualifying Requirements stipulated at Clause No. 4.02.01 of Sub-Section-I, Part-A of section-VI, we declare that *We/our Sub-Vendors *M/s. have executed civil and structural works related to **Bulk Material Handling Plant** for a coal based/lignite based power plant as per details given below:

Sl. No.	Name of contracts	Name & Address of Client	Ref. No. and date of Award of Contract	Date of completion of works		Actually executed work for the reference contract			Asking rate of work for this contract			Remarks
				As per Contract	Actual	RCC (cu.m/ Yr.)	Fab. (MT/ Yr.)	Erec- tion (MT/ Yr.)	RCC (cu.m/ Yr.)	Fab. (MT/ Yr.)	Erec- tion (MT/ Yr.)	
1	2	3	4	5	6	7	8	9	10	11	12	13

Note : i) Certificate from client(s) i.e. M/s regarding the quantum of civil & structural steel work related to Coal Handling plant executed during the one year period in the above contracts is enclosed at Annexure
ii) One Year means any continuous 12 months period within entire contract period.

***Strike out whichever is not applicable.**

Signature of authorized signatory.....

(VI) In order to satisfy the Qualifying Requirements stipulated at Clause No. 4.02.03 of Sub-Section-I, Part-A of section-VI, we declare that *We/our Sub-Vendors *M/s. have executed civil and structural works related to Reinforced Concrete **Chimney of minimum 100m** height, as per details given below:

Sl. No.	Name of contracts	Name & Address of Client	Ref. No. and date of Award of Contract	Date of completion of works				Height of Chimney (m)	Whether own Slip from equipment	Remarks
				As per Contract		Actual				
				start	Finish	Start	Finish			
1	2	3	4	5	6	7	8	9	10	11

Note : i) Certificate from client(s) i.e. M/s regarding civil / structural steel work related to RCC Chimney executed in the above contracts is enclosed at Annexure

***Strike out whichever is not applicable.**

Signature of authorized signatory.....

(VII) In order to satisfy the Qualifying Requirements stipulated at Clause No. 4.02.05 of Sub-Section-I, Part-A of section-VI, we declare that *We/our Sub-Vendors *M/s. have carried out the design and detail engineering of Civil & Structural works associated with **Bulk Material Handling Plant** for a coal based/lignite based power plant, reinforced concrete **Chimney with steel flues** (minimum 100m height), Machine Foundations such as **Mill Foundations/ Block Foundations** as per details given below :

Sl. No.	Name of contracts	Name & Address of Client	Ref. No. and date of Award of Contract	Date of completion of Design/Engg		Scope of works	Remarks
				As per Contract	Actual		
1	2	3	4	5	6	7	8

- Note :
- i) Certificate from client(s) i.e. M/s regarding the Completion of design & detailed engineering of civil & structural works of a coal based/lignite based power plant is enclosed at Annexure
 - ii) Certificate from client(s) i.e. M/s regarding the Completion of design & detailed engineering of reinforced concrete chimney with steel flues (minimum 100m height) is enclosed at Annexure
 - iii) Certificate from client(s) i.e. M/s regarding the Completion of design & detailed engineering of Mill Foundation/ Block Foundation is enclosed at Annexure

* **Strike out whichever is not applicable.**

Signature of authorized signatory.....

11.00.00 C&I Equipment/Systems

11.01.00 We/our sub-vendor (M/s.....) confirm that we meet the provenness requirements specified in **Cl. No. 4.04.00** of provenness requirements in the Sub-Section-I, Part-A, Section-VI of the Bidding Documents. In this regard we declare that as per Cl. No. 4.04.01 of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents, we/our sub-vendor are an Indian Company registered in India as per Companies Act and have engineered, supplied and commissioned/got commissioned BOP Distributed Digital Control, Monitoring & Information System (DDCMIS) / Distributed Control System (DCS) in at least one (1) unit of rating 200 MW or above in a power station, the details of which are given below:

i) Details of BOP DDCMIS/DCS-

Sl.No.	Item Description	Plant No.1	Plant No.2 (If applicable)
1.	Name of Power Station (Location and Address)		
2.	Name of the Owner of Power Station with full Address Fax No. Telephone No. E-mail address.		
3.	Name of Package/Contract along with Order/LOA No. & Date		
4.	Name & Address of the Contractor		

Signature of authorized signatory.....

on whom the order for executing the reference plant system was placed by the Owner of the reference plant

- 5. In case the Bidder/Sub-vendor is not the Contractor at Sl.No.4, Name & Address of the Organisation which placed order for reference plant system on the Bidder/Sub-vendor
- 6. Unit Rating (MW)
- 7. Whether Coal Fired station/Combined cycle station/ or any other type *Yes/No
- 8. Control & Instrumentation Systems
Distributed Digital, Control Monitoring & Information System (DDCMIS) /
Distributed Control System (DCS)

Sl. No.	Item Description	Plant No.1	Plant No.2 (If applicable)
8a.	Scope of work included in the bidder's order		
	(i) Engineering	*Yes/No	
	(ii) Supply	*Yes/No	

Signature of authorized signatory.....

(iii) Commissioning *Yes/No
In case the system was got commissioned through some other agency, please furnish details of agency and scope of commissioning work

8b. Whether the control system includes

(i) Modulating control for Steam Generator for coal fired Units *Yes/No

(ii) Modulating and Binary control of the auxiliaries for Steam Generator (SG) for coal fired Units *Yes/No

(iii) Modulating and Binary control of the auxiliaries for Turbine Generator (TG) for coal fired Units *Yes/No

8c. Actual date of commissioning

9. Following documents are enclosed in support of meeting the stipulated Provenness Requirements

(a) Relevant portion of Letter of Award/Contract Agreement/ Order enclosed *Yes/No

(b) Documents indicating engineering

Signature of authorized signatory.....

- (c) by the DDCMIS supplier/Bidder enclosed *Yes/No
End user Certificate on successful engineering, supply & Commissioning of the work as for (a) above. *Yes/No

10. Registration details of DDCMIS Supplier's company registered in India as per Companies Act

11.02.00 We/our sub-vendor confirm that we meet the provenness requirements specified in **Cl. No. 4.04.00** of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents. In this regard we declare that
i) as per Cl. No. 4.04.02 of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents, the Control system offered for this package is same or of the same series which is operating successfully for BOP C&I application for a period of not less than one (1) year in at least one (1) unit of rating 200MW or above in a power station(s).

12.00.00 UPS system

12.01.00 We/our sub-vendor (M/s.....) confirm that we meet the provenness requirements specified in **Cl. No. 4.04.03 (a)** of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents. In this regard we declare that the UPS system offered for this package is same or of same series and type as that of 105 KVA or above capacity UPS which is operating successfully for a period of not less than one (1) year in a power station, the details of which are given below.

Sl.No.	Item Description	Plant No.1
(i)	Make/Model in reference power station	
(ii)	Name of Power Station (Location & Address)	
(iii)	Rating of UPS (phase, kVA) in reference	
(iv)	Commissioning Date	
(v)	Whether above UPS system has been	*Yes/No

Signature of authorized signatory.....

in successful operation for a period
of not less than one(1) year

- (vi) Client's certificate Attached *Yes/No
- (vii) Make/Model offered for this package
- (viii) Whether offered UPS is same as that
in reference at (i) above *Yes/No
- (ix) Whether offered UPS is of same series and
type as that in reference at (i) above *Yes/No

13.00.00 24 V DC Modular Charger

13.01.00 We/our sub-vendor (M/s.....) confirm that we meet the provenness requirements specified in **CI. No. 4.04.03 (b)** of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents. In this regard we declare that the 24 V DC modular charger offered for this package is same or of same series and type as that of 500A or above capacity 24 V DC modular charger which is operating successfully for a period of not less than one (1) year in any industry or telecommunication application, the details of which are given below:

Sl.No.	Item Description	Plant No.1
(i)	Make/Model in reference	
(ii)	Client Name & Address	
(iii)	Name of Industry (Power Gen Station/Telecommunication/Others)	

Signature of authorized signatory.....

- (iv) Rating in Amps
- (v) Commissioning Date
- (vi) Whether above system has been in successful operation for a period of not less than one(1) year *Yes/No

- (vii) Client's certificate Attached *Yes/No
- (viii) Make /Model offered for this package

- (ix) Whether offered 24 DC Modular Charger is same as that in reference at (i) above *Yes/No

- (x) Whether offered 24 DC Modular Charger is of same series and type as that in reference at (i) above *Yes/No

14.00.00 CEMS- Continuous Emission Monitoring System

14.01.00 We/our sub-vendor (M/s.....) confirm that we meet the provenness requirements specified in **CI. No. 4.04.03 (c)** of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents. In this regard we declare that the CEMS offered for this package is the same or of the same series which is operating successfully for a period of not less than one (1) year in at least one (1) unit of rating 200 MW or above in a power station, the details of which are given below:

Sl.No.	Item Description	Plant No.1
(i)	Make / Model in reference unit of power Station	
(ii)	Name of Power Station (Location & Address)	

Signature of authorized signatory.....

- (iii) Unit Size (MW) of reference unit
- (iv) Commissioning date
- (v) Whether above CEMS has been in successful operation for a period of not less than one(1) year *Yes/No
- (vi) Client's certificate Attached *Yes/No
- (vii) Make /Model offered for this package
- (viii) Whether offered CEMS is same as that in reference at (i) above *Yes/No
- (ix) Whether offered CEMS is of same series as that in reference at (i) above *Yes/No

15.00.00 Vibration Monitoring System (VMS)

15.01.00 We/our sub-vendor (M/s.....) confirm that we meet the provenness requirements specified in **Cl. No. 4.04.03 (c)** of provenness requirements in the Sub-Section-I, Part-A, Section-VI of Bidding Documents. In this regard we declare that the Vibration Monitoring System offered for this package is the same or of the same series which is operating successfully for a period of not less than one (1) year in at least one (1) unit of rating 200 MW or above in a power station, the details of which are given below:

Sl.No.	Item Description	Plant No.1
(i)	Make / Model in reference unit of power Station	

Signature of authorized signatory.....

- (ii) Name of Power Station
(Location & Address)
- (iii) Unit Size (MW) of reference unit
- (iv) Commissioning date
- (v) Whether above VMS
has been in successful operation
for a period of not less than one(1) year *Yes/No
- (vi) Client's certificate Attached *Yes/No
- (vii) Make /Model offered for this package
- (viii) Whether offered VMS is same as that
in reference at (i) above *Yes/No
- (ix) Whether offered VMS is of same series as that
in reference at (i) above *Yes/No

16.00.00 BOOSTER FAN MOTOR

Sub : Sub-Qualifying Requirements for the HT Motor (Refer Clause No. 4.03.01 of Sub-Section-I Intent of specification, Part-A, Section-VI).

Signature of authorized signatory.....

S.No.	Item Description	Station-I
1.00.00	Name of the manufacturer and its address	
1.00.01	Name of the Station and its Location	
1.01.00	Client Name and its Address, Fax No. & Tel. Nos., email id	
1.01.01	Name and Designation of the responsible person in Client's Organisation	
1.01.02	Contract No. & Date	
1.01.03	Quantity & Rating of Motor in KW	
1.01.04	Date of Commissioning	
1.01.05	Date of Commencement of Operation	
1.01.06	Whether the Motors are in Successful Operation for atleast two (2) years as on the date of consideration for approval but not later than six months after award date of the package	Yes/No

Signature of authorized signatory.....

S.No.	Item Description	Station-I
1.01.07	Technical Particulars	
	(a) Make	
	(b) KW Rating at 50 deg.C. ambient (4MW or above)	
	(c) Rated Voltage (KV)	
	(d) Motor Type (Squirrel Cage)	Yes/No
	(e) Frame Size & Type Designation	
	(f) Type & Class of Insulation	
	(g) Type of Cooling	
	(h) Reference Standard	
1.01.08	Certificate in support of above	Yes/No

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

17.00.00 LT Switchgear

Sub QR Data to be filled in to meet the provenness requirements (Refer Clause No. 4.03.02 of Sub-Section-I intent of specification, Part-A, Section-VI.for **LT SWITCHGEAR**)

S.No.	Item Description
1.1	No. of draw out type Air circuit breaker panels and/or draw out motor control centre panels manufactured and supplied, under a single order, with fault rating of at least 45kA for one (1)second and 105kA peak which are in successful operation for at least two(2) years. (under Route 1)
1.01.00	Name & address of Manufacturer
1.02.00	Name of the plant and its location
1.03.00	Client(s) name and its address, Fax and Tel. No.
1.04.00	Name and designation of the responsible person in client's organisation
1.05.00	Contract No. & Date
1.06.00	Whether manufactured and supplied the referred Air Circuit breaker panels /MCC panels (YES/NO)
1.07.00	Fault rating KA (rms) Time (Sec.) KA (Peak)
1.08.00	No. of draw out type MCC panels supplied

Signature of authorized signatory.....

1.09.00 No. of draw out type Air Circuit breaker panels supplied

1.10.00 Date of commissioning

1.11.00 No. of years in Successful operation

1.12.00 Certificate in support of above stated experience including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at Annexure

1.2 No. of Air circuit breakers having fault rating of at least 45kA rms BREAKING, 105kA peak MAKING and 45kA withstand for one (1) second, and their associated draw out type Air circuit breaker panels having fault rating of at least 45kA for one (1) second and 105kA peak, manufactured and supplied which are in successful operation for at least two (2) years.
(under Route 1)

1.01.00 Name & address of Manufacturer

1.02.00 Name of the stations and its location

1.03.00 Client(s) name and its address, Fax and Tel. No.

Signature of authorized signatory.....

- 1.04.00 Name and designation of the responsible person in client's organisation
- 1.05.00 Contract No. & Date
- 1.06.00 Whether manufactured and supplied the referred Air Circuit Breakers and their associated draw out type Air Circuit Breaker panels (YES/NO)
- Air Circuit Breakers having fault rating:
- 1.07.00 (i) Rated current (A)
(ii) Breaking Capacity (KA rms)
(iii) Making Capacity (KA peak)
- Draw out type Air Circuit Breaker panels having fault rating:
- 1.08.00 (i) KA (rms)
(ii) Time (Sec)
(iii) KA (peak)
- 1.09.00 Date of commissioning
- 1.10.00 No. of years in Successful operation
- 1.11.00 Certificate in support of above stated experience including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at

Signature of authorized signatory.....

Annexure

- 1.3 No. of draw out type Air circuit breaker panels and/or draw out motor control centre panels manufactured and supplied, under a single order, with fault rating of at least 45kA for one (1) second and 105kA peak which are in successful operation for at least two(2) years.
(under Route 2)
 - 1.01.00 Name & address of Manufacturer
 - 1.02.00 Name of the plant and its location
 - 1.03.00 Client(s) name and its address, Fax and Tel. No.
 - 1.04.00 Name and designation of the responsible person in client's organisation
 - 1.05.00 Contract No. & Date
 - 1.06.00 Whether manufactured and supplied the referred Air Circuit breaker panels /MCC panels (YES/NO)
 - 1.07.00 Fault rating
 - KA (rms)
 - Time (Sec.)
 - KA (Peak)
 - 1.08.00 No. of draw out type MCC panels supplied
 - 1.09.00 No. of draw out type Air Circuit breaker panels supplied
 - 1.10.00 Date of commissioning
 - 1.11.00 No. of years in Successful operation
 - 1.12.00 Certificate in support of above stated experience

Signature of authorized signatory.....

including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at Annexure

S.No.	Item Description
1.4	No. of draw out type Air circuit breaker panels manufactured and supplied with fault rating of at least 45kA for one (1)second and 105kA peak which are in successful operation for at least two(2) years. (under Route 2)
1.01.00	Name & address of Manufacturer
1.02.00	Name of the stations and its location
1.03.00	Client(s) name and its address, Fax and Tel. No.
1.04.00	Name and designation of the responsible person in client's organisation
1.05.00	Contract No. & Date

Signature of authorized signatory.....

(YES/NO)

- 1.06.00 Whether manufactured and supplied the referred Air Circuit Breaker panels

- 1.07.00 Draw out type Air Circuit Breaker panels having fault rating:
 - (iv) KA (rms)
 - (v) Time (Sec)
 - (vi) KA (peak)

- 1.08.00 Date of commissioning

- 1.09.00 No. of years in Successful operation

- 1.10.00 Certificate in support of above stated experience including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at Annexure

- 1.5 Bidder's / Sub Vendor's Associate or Collaborator or Technology Provider or Licensor data to meet qualifying requirement stipulated in Route 1. **(under Route-2)**

- 1.5.1 No. of draw out type Air circuit breaker panels and/or draw out motor control centre panels manufactured and

Signature of authorized signatory.....

supplied, under a single order, with fault rating of at least 45kA for one (1) second and 105kA peak which are in successful operation for at least two (2) years.
(under Route 2)

- 1.01.00 Name & address of Manufacturer (Associate or Collaborator or Technology Provider or Licensor)
- 1.02.00 Name of the plant and its location
- 1.03.00 Client(s) name and its address, Fax and Tel. No.
- 1.04.00 Name and designation of the responsible person in client's organisation
- 1.05.00 Contract No. & Date
- 1.06.00 Whether manufactured and supplied the referred Air Circuit breaker panels /MCC panels (YES/NO)

- 1.07.00 Fault rating
 - KA (rms)
 - Time (Sec.)
 - KA (Peak)
- 1.08.00 No. of draw out type MCC panels supplied
- 1.09.00 No. of draw out type Air Circuit breaker panels supplied
- 1.10.00 Date of commissioning

- 1.11.00 No. of years in Successful operation
- 1.12.00 Certificate in support of above stated experience

Signature of authorized signatory.....

including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at Annexure

- 1.5.2 No. of draw out type Air circuit breakers having fault rating of at least 45kA rms BREAKING, 105kA peak MAKING and 45kA withstand for one (1) second, and their associated draw out type Air circuit breaker panels having fault rating of at least 45kA for one (1) second and 105kA peak, manufactured and supplied which are in successful operation for at least two (2) years.
(under Route 2)

- 1.01.00 Name & address of Manufacturer (Associate or Collaborator or Technology Provider or Licensor)
- 1.02.00 Name of the stations and its location
- 1.03.00 Client(s) name and its address, Fax and Tel. No.
- 1.04.00 Name and designation of the responsible person in client's organisation
- 1.05.00 Contract No. & Date

Signature of authorized signatory.....

- 1.06.00 Whether manufactured and supplied the referred Air Circuit Breakers and their associated draw out type Air Circuit Breaker panels (YES/NO)
- 1.07.00 Air Circuit Breakers having fault rating:
(iv) Rated current (A)
(v) Breaking Capacity (KA rms)
(vi) Making Capacity (KA peak)
- 1.08.00 Draw out type Air Circuit Breaker panels having fault rating:
(vii) KA (rms)
(viii) Time (Sec)
(ix) KA (peak)
- 1.09.00 Date of commissioning
- 1.10.00 No. of years in Successful operation
- 1.11.00 Certificate in support of above stated experience including capacity of Plant, Year & Month of Commissioning of Plant & descriptive scheme of plant for which the data has been indicated and that the above system installed above have caused no serious problem in the past is enclosed at Annexure

Signature of authorized signatory.....

1.6 The letter of technical support
by Associate/ Collaborator /Technology Provider /
Licensor provided **(under Route-2)**.(Yes/No)

1.7 Whether Bidder/ Sub Vendor have manufacturing facility (Yes/No)
for draw out type Air Circuit Breaker Panels and
draw out type Motor Control Centre Panels in India&
all the panels for this project shall be manufactured
and supplied from the Indian manufacturing facility.

-
- Note :** 1) Certificates from the client for the successful operation for each of the above shall be Submitted.
2) Supporting documents/ reference data as applicable shall be submitted.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

18.00.00 33kV /11kV / 6.6kV / 3.3 KV SWITCHGEARS

Sub QR Data to be filled in to meet the provenness requirements (Refer Clause No. 4.03.03 of Sub-Section-I intent of specification, Part-A, Section-VI) **for 33kV /11kV / 6.6kV / 3.3 KV SWITCHGEARS**

S.No. Item Description

1.1 No. of 6.6 kV or above Switchgear panels
 manufactured and supplied with fault rating of at
 least 40kA for one (1) second and
 100kA peak, which are in successful
 operation for at least two(2) years .

1.01.00 Name & address of Manufacturer

1.02.00 Name of the Station and its location

1.03.00 Client(s) name and its address, Fax & Tel No.

1.04.00 Name and designation of the responsible person in client's organisation

Signature of authorized signatory.....

1.05.00 Contract No. & Date

1.06.00 Voltage rating of the Switchgear panels
manufactured & supplied

1.07.00 Fault rating

KA (rms)

Time (Sec)

KA (Peak)

1.08.00 Date of commissioning

1.09.00 No. of years in Successful
operation

1.10.00 Certificates from client(s) in support
of above stated experience including
capacity of Plant, Year & Month of
Commissioning of Plant & descriptive
scheme of the plant for which the data
has been indicated and that the above
system installed above have caused no
serious problem in the past is enclosed
at Annexure

Signature of authorized signatory.....

1.2 No. of Vacuum Circuit breakers manufactured and supplied for 6.6 kV or above panels with a rating of 40 kA rms BREAKING, 100kA peak MAKING and 40kA withstand for one (1) second, which are in successful operation in 6.6kV or higher voltage application for a period of at least two (2) years.

- 1.01.00 Name & address of Manufacturer
- 1.02.00 Name of the station and its location
- 1.03.00 Client(s) name and its address, Fax No. & Tel no.
- 1.04.00 Name and designation of the responsible person in Client's organisation
- 1.05.00 Contract Number and date
- 1.06.00 Rated Current (A)
- 1.07.00 RMS Breaking Capacity (kA)
- 1.08.00 Peak Making Capacity (KA)

Signature of authorized signatory.....

19.00.00 Numerical Relays

Sub QR Data to be filled in to meet the provenness requirements (Refer Clause No. 4.03.04 of Sub-Section-I intent of specification, Part-A, Section-VI. **for Numerical Relays**

S.No.	Item Description
1.1	No. of Numerical relays with IEC 61850 used for application in Feeder protections/Transformer protections / Motor protections manufactured, supplied and successfully configured by manufacturer which are in successful operation for at least two (2) years
1.01.0	Name & address of Manufacturer
1.02.00	Name of the plant and its location
1.03.00	Client(s) name and its address, Fax and Tel. No.
1.04.00	Name and designation of the responsible person in client's organisation
1.05.00	Contract No. & Date

Signature of authorized signatory.....

- 1.06.00 Date of commissioning

- 1.07.00 No. of years in successful operation
for above relays

- 1.08.00 Certificate from client(s) in support of
the above stated experience has been
enclosed at Annexure.....

Note : 1) Certificates from the client for the successful operation as applicable shall be Submitted.
2) Supporting documents/ reference data as applicable shall be submitted.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

20.00.00 AUXILIARY OIL FILLED TRANSFORMERS

Sub QR Data to be filled in to meet the provenness requirements (Refer Clause No. 4.03.05 of Sub-Section-I intent of specification, Part-A, Section-VI. **for AUXILIARY OIL FILLED TRANSFORMERS**

(I) We hereby confirm that We/ Subvender M/s have manufactured & supplied atleast two (2) numbers (One each at two different installations) of 16MVA, 11 KV or higher rating oil filled transformers which are in successful operation for a period of atleast two (2) years as per stipulated requirements mentioned at Clause No.4.03.06.01 of Sub-Section-I, Intent of specification, Part-A of Section-VI. The details of the same are given below:

Sl. No.	Item Description	Installation No. 1	Installation No. 2
1.00.00	Name of the Installation and its location		
1.01.00	Client name and its address, Fax and Tel. No., email id		
1.02.00	Name and designation of the responsible person in client's organization		
1.03.00	Contract No. & Date		

Signature of authorized signatory.....

1.04.00	Voltage Ratio		
1.05.00	MVA Ratings		
1.06.00	Voltage Class of transformers		
1.07.00	Date of Commissioning of transformers		
1.08.00	Date of commencement of successful operations		
1.09.00	Scope of work executed for aforesaid transformers included the following :		
	(i) Manufactured	Yes/No	Yes/No
	(ii) Supplied	Yes/No	Yes/No
1.10.00	No. of years in successful operation		

Signature of authorized signatory.....

Sl. No.	Item Description	Installation No. 1	Installation No. 2
2.00.00	Certificate(s) from the client(s) are enclosed along with the bid at Annexure-.....to this Attachement-3K.		

II. We hereby further confirm that we/sub-vendor M/shave our/his own facilities for conducting all routine and type tests on transformers as per IS:2026 (except short circuit test) as per Clause No. 4.03.06.02 of Sub-Section-I, Intent of specification Part-A of Section-VI. The details of the same are given below:

Sl. No.	Name of Test	Yes/No

Note :

- 1) Sub-vendor to use their own performa for giving details of all routine and type test facilities available with them.
- 2) Certificates from client(s) must also be attached as Annexure..... to this Attachment-3K.

Signature of authorized signatory.....

III. We/sub-vendor hereby confirm that 16MVA, 11KV Class or higher rated oil filled transformer manufactured by We/sub-vendor have been successfully short circuit tested as per requirement of Clause No. 4.03.06.03 of Sub-Section-I, Intent of specification, Part-A of Section-VI. The details of the same are given below:

Sl. No.	Item Description	Details
1.00.00	Name of the station and its location	
1.01.00	Client name and its address, Fax and Tel. No. ., email id	
1.02.00	Name and designation of the responsible person in client's organisation	
1.03.00	Contract No. & Date	
1.04.00	Voltage Ratio	
1.05.00	MVA Ratings	
1.06.00	Voltage Class of transformers	

Signature of authorized signatory.....

- 1.07.00 Short Circuit Test Carrying Agency
(Test Lab) Name and Address
- 1.08.00 Date of Short Circuit Test
- 1.09.00 Short circuit test conducted Yes/No
successfully
- 2.00.00 Certificate(s) from the client(s) /
Lab are enclosed along with
the bid at Annexure-..... to
this Attachement-3K.

Note :

- 1) Sub-vendor may provide any additional information regarding short circuit test on transformers and enclose along with the proposal at Annexure..... to this Attachment-3K.
- 2) If needed Sub-vendor may use own performa for giving necessary details regarding short circuit test conducted on transformers and enclose with the proposal at Annexure..... to this Attachment-3K.

Date : (Signature).....

Place : (Printed Name).....

(Designation).....

(Common seal).....

Signature of authorized signatory.....

ANNEXURE-I

(On Company's Letter Head)
LETTER OF SUPPORT FOR SATISFACTORY PERFORMANCE
of..... (Name of Equipment / System*)
for Flue Gas Desulphurisation (FGD) System Package
for DCRTPP, YAMUNA NAGAR (2X300 MW)
BIDDING DOCUMENT NO. 32/CE/PLG/DCRTPP/FGD-251

TO,
[EMPLOYER'S NAME & ADDRESS]

Sub: Letter of Technical Support submitted From (name of the Associate*/ Collaborator*/ Technology provider* / Licensor*) undertaking the responsibility for satisfactory performance of(name of equipment/system*).

Dear Sirs,

1. In accordance with the Award of the Contract by (Name of the Contractor) to M/s. (Name of the sub-vendor), we, the aforesaid Associate*/Collaborator*/Technology provider*/Licensor*, (M/s) shall be fully responsible for the satisfactory performance of the(name of equipment/system*).
2. Further, the manner of achieving the objective set forth in point 1 above shall be as follows for (name of equipment/system*):
 - (a) We shall provide design, manufacturing and assembly drawings of..... (name of equipment/system*). (name of equipment/system*) shall be manufactured and supplied as per above design provided by us and the drawings approved by Employer.
 - (b) We shall depute technical experts to Bidder's/sub-vendor's works for supervision during manufacturing, assembly, erection, commissioning and final testing (as and when necessary) of the..... (name of equipment/system*).

Signature of authorized signatory.....

- (c) We shall promptly carry out all the corrective measures and shall promptly provide corrected design and shall undertake replacements, rectifications or modifications to the equipment/system* as and when required by Employer in case the equipment/system* fails to demonstrate successful performance as per contract at site.
- 3. We, the Associate*/Collaborator*/Technology provider*/Licensor* do hereby undertake and confirm that this Letter of Technical Support shall be valid until the end of defect liability period of the contract.

Signature of the Authorised Representative...
For M/s
(Associate*/Collaborator*/Technology provider*/Licensor*)
Name
Designation
Date:.....
Common Seal of the Company

***: Strike off whichever is not applicable.**

Signature of authorized signatory.....