

Common Seal of the Company

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Note : Power of Attorney of the person signing on behalf of Collaborator/Technology Licensor, Contractor and *his sub-vendor is to be furnished by Contractor.

* Bidder/Contractor shall strike out, whichever is not applicable.

** Copy of priced purchase order for the equipment shall be furnished by Bidder.

**CRITICAL EQUIPMENT, AUXILIARIES, SYSTEMS & BOUGHT OUT ITEMS FOR
FLUE GAS DESULPHURISATION (FGD) SYSTEM**

Summary of Critical Equipment indicated under clause 4.26, sub-section-IA, 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 -----
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*Slurry Recirculation Pumps			*4.26.1 /*4.26.2 /*4.26.6
Oxidation Blowers			*4.26.1 /*4.26.2 /*4.26.3

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Wet limestone Grinding mills	*4.26.1 /*4.26.2 /*4.26.4
Slurry Pumps	*4.26.1/*4.26.2
Agitators	*4.26.1 /*4.26.2 /*4.26.5
Vacuum Belt filters	*4.26.1 /*4.26.2

Note : *Strike-off whichever is not applicable.

1. If qualification sought as per clause 4.26.1 then the details of the sub vendor (manufacturer) shall be filled by the bidder in the format A to F.
2. If the qualification sought as per the clause 4.26.2, then the details of JV/Subsidiary Company formed for manufacturing of such equipments 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 collaboration or valid licensing agreement for design, engineering, manufacturing, supply of such equipment in India with the collaborator or technology licensor who meets the requirement stipulated at 3.1.
 - 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 licensor or technology provider of the qualified equipment manufacturer who meets the requirement stipulated at 4.26.1, sub-section-IA, Part-A of Section-VI shall be filled by the Bidder in the format A to F (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 DJU.

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

- 1.00.00 (Applicable for Bidder/his sub vendors seeking qualification as per clause no. 4.26.1, Sub section-IA, 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 Slurry Recirculation Pumps, Oxidation Blowers, Wet Limestone Grinding Mills, Slurry Pumps, & Agitators which have been

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designed (either by self manufacturer or under Collaboration/Licencing 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. Slurry Recirculation Pumps:** We declare that, we/our Sub-Vendor, have manufactured and supplied at least one (1) number of Slurry Recirculation Pumps of minimum 80% of the flow & 100% of the 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:	

Sl. No.	Description	Reference Work
9.	Flow-	m ³ /h
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	

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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

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

B. Oxidation Blowers: We declare that, we/our Sub-Vendor, have manufactured and supplied at least one (1) number of Oxidation Blower of minimum 80% of the flow & 100% of the head of the offered Oxidation Blower, Centrifugal/positive displacement type working in 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:

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Sl. No.	Description	Reference Work
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- | | | |
|----|--|-----------|
| 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 |

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5. Whether operating in a Wet Limestone based FGD application -*Yes/*No
in Coal fired power plant
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-Nm³/h
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 ocument 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

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

- C. Wet limestone Grinding mills:** We declare that, we/our Sub-Vendor, have
manufactured and supplied at least one (1) number of Wet limestone Grinding mill of
minimum 80% of the offered Ball mill 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

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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- pulverizing 90% thru	TPH with fineness not less than 325mesh
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

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- 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
ttachment-3K

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

D. Slurry Pumps: We declare that, we/our Sub-Vendor, have manufactured and supplied at least one (1) number of Slurry Pump of minimum 80% of the flow & 100% of the head of the offered Slurry Pump(s), 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:	

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Sl. No.	Description	Reference Work
10.	Flow-	m ³ /h
11.	Head-liquid column	 meters of
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.**

- E. Agitators:** We declare that, we/our Sub-Vendor, have 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::

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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
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

Signature of authorized signatory.....

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

- F. Vacuum Belt filters:** We declare that, we/our Sub-Vendor, have manufactured and supplied at least one (1) number of Vacuum Belt filter of minimum 80% of the offered Vacuum Belt filter 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
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

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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

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

***2.00.00 Applicable for JV Company/Subsidiary Company meeting provenness criteria as per clause no. 4.26.2, Sub section-IA, Part-A of Section-VI.**

2.01.00 We, hereby confirm that JV company/ Subsidiary company (Strike off whichever is not applicable) formed for manufacturing and supply of euqipment(s) (*Slurry Recirculation Pumps, *Oxidation Blowers, *Wet Limestone Grinding Mills, *Slurry Pumps, *Agitators) has a valid collaboration or licensing agreement for design, engineering, manufacturing of such equipment(s) in India with a qualified equipment manufacturer who meets the requirements stipulated at clause 4.26.1 of sub-section-IA, 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. Further, JV / Subsidiary Company (Strike off whichever is not applicable) before resorting to design, engineering, manufacturing of such proven equipment(s) (*Slurry Recirculation Pumps, *Oxidation Blowers, *Wet Limestone Grinding Mills, *Slurry Pumps, *Agitators) by himself should *have sourced / *shall source such proven equipment(s) (*Slurry Recirculation Pumps, *Oxidation Blowers, *Wet Limestone Grinding Mills, *Slurry Pumps, *Agitators) for at least the first 800 MW unit completely from such qualified manufacturer. For subsequent units before

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**FORM OF DEED OF JOINT UNDERTAKING TO BE PROVIDED
FOR(NAME OF EQUIPMENT)
AS PER CLAUSE 4.26.2 OF SUB-SECTION-I-A, PART A, SECTION VI**

(ON NON-JUDICIAL STAMP PAPER OF APPROPRIATE VALUE)

**DEED OF JOINT UNDERTAKING TO BE EXECUTED BY THE BIDDER/CONTRACTOR,
*INDIAN JOINT VENTURE COMPANY/*SUBSIDIARY COMPANY MEETING THE
REQUIREMENTS SPECIFIED AT CLAUSE NO. 4.26.2 OF SUB-SECTION-I-A, PART A,
SECTION VI ALONGWITH QUALIFIED EQUIPMENT MANUFACTURER
OF..... (NAME OF EQUIPMENT) MEETING THE REQUIREMENTS
AS PER CLAUSE 4.26.1 OF SUB-SECTION-I-A, PART A, SECTION VI AND ITS
*HOLDING/*SUBSIDIARY COMPANY, AS APPLICABLE FOR SUCCESSFUL
PERFORMANCE OF (NAME OF EQUIPMENT), IN WHICH
EXECUTANT OF THE DJU ARE JOINTLY AND SEVERALLY LIABLE FOR THE
SUCCESSFUL PERFORMANCE OF THE.....(NAME OF EQUIPMENT)**

The DEED OF UNDERTAKING executed thisday ofTwo thousand
.....by M/sa Company incorporated underhaving its
Registered Office at (hereinafter called the "Bidder/Contractor", which
expression shall include its successors, administrators, executors and permitted assigns) AND

****M/s**, a (Name of Equipment)
Supplier/Manufacturer as per the requirement of Item 4.26.2 of sub-section-IA, Part-A, Section-
VI, incorporated under having its Registered Office at
..... (hereinafter called the "*Indian JV/*Subsidiary Company)", which
expression shall include its successors, administrators, executors and permitted assigns) AND

M/sa Company registered under the having its
Registered Office at (hereinafter called the "Qualified Equipment
Manufacturer", which expression shall include its successors, administrators, executors and
permitted assigns) AND

***M/s** a Company registered under the having
its Registered Office at (hereinafter called the "*Holding/*Subsidiary
Company of Qualified Equipment Manufacturer", which expression shall include its successors,
administrators, executors and permitted assigns),

in favour of Patratu Vidyut Utpadan Nigam Ltd., a subsidiary of NTPC Ltd. in Joint Venture with
Jharkhand Bijli Vitran Nigam Ltd., having its Registered Office at NTPC Bhawan, Scope
Complex, 7, Institutional Area, Lodhi Road, New Delhi-110003 INDIA (hereinafter called
"PVUNL" or "Employer" which expression shall include its successors, administrators, executors
and assigns).

WHEREAS, the Employer invited Bids for design, engineering, manufacture, supply,
transportation to site, construction, installation, testing, commissioning and conductance of
guarantee tests for the **EPC Package for Patratu STPS Expansion Phase-I (3x800MW)**
(hereinafter referred to as "Plant") vide its Bidding Document No. **CS-9585-001-2**.

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AND WHEREAS vide clause 4.26.2 of Sub-Section-I-A, Part A, Section VI of bidding documents, it has been specified that a JV / Subsidiary Company formed for manufacturing and supply of equipment(s) in India as listed at clause no. 4.26.1 of Sub-Section-I-A, Part A, Section VI can also manufacture such equipments, provided that it has a valid collaboration or licensing agreement for design, engineering, manufacturing of such equipment(s) in India with a qualified equipment manufacturer who meets the requirements stipulated at clause 4.26.1 of Sub-Section-I-A, 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 should have, directly or indirectly through its holding company/ subsidiary company, atleast 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 upto the end of defect liability period of the contract, whichever is later. Further, the JV / Subsidiary Company before resorting to design, engineering, manufacturing of such proven equipment(s) listed at clause no. 4.26.1 of Sub-Section-IA, Part-A, Section-VI of bidding documents by himself should have sourced / shall source such proven equipment(s) for at least the first 800 MW unit completely from such qualified manufacturer. For subsequent units before taking up the manufacturing of such equipment(s), the bidder/ his sub-vendor(s) must create /have created manufacturing facilities at his works as per collaborator's/ licensor's design, manufacturing and quality control system for such equipment(s) In addition, the Bidder/Contractor along with the Indian Joint Venture Company/ Subsidiary Company, qualified equipment manufacturers and its holding/ subsidiary Company, as applicable, shall furnish DJU for each equipment in which executant of the DJU shall be jointly and severally liable for the successful performance of the equipment.

WHEREAS M/s (Bidder/Contractor) has submitted its proposal in response to the aforesaid Invitation for Bid by the Employer bearing No. dated for **EPC Package** for its **Patratu STPS Expansion Phase-I (3x800MW)** (hereinafter referred to as "Plant") against the Employer's Bidding Document No. **CS-9585-001-2**.

AND WHEREAS M/s (*Indian JV/*Subsidiary Company) has been formed for manufacturing and supply of equipment(s) as listed at clause no. 4.26.1 of Sub-Section-IA, Part A, Section-VI who has a valid collaboration or licensing agreement for design, engineering, manufacturing of(Name Of Equipment) in India with M/swho meets the requirements stipulated at clause 4.26.1 of Sub-Section-IA, Part A, Section-VI of bidding documents (or the technology provider of the qualified equipment manufacturer).

AND WHEREAS M/s (Qualified Equipment Manufacturer) is having, *directly *or *indirectly through its *holding company M/s...../ *subsidiary company M/s....., atleast 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 Company/ Subsidiary Company or upto the end of defect liability period of the contract, whichever is later.

The Bidder/Contractor alongwith the Indian Joint Venture Company/Subsidiary Company, Qualified Equipment Manufacturers and its Holding / Subsidiary Company, as applicable, are required to jointly execute and furnish at the time of placement of order on the approved Joint Venture Company/ Subsidiary Company of (Name of equipment), an irrevocable Deed of Joint Undertaking and be jointly and severally responsible and bound unto

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the Employer for successful performance of the (Name of Equipment) for **Patratu STPS Expansion Phase-I (3x800MW)**, fully meeting the stipulated technical requirements, guaranteed parameters and characteristics as per the Bidding Documents, in the event the bid is accepted by the Employer resulting into a Contract.

NOW THEREFORE, THIS DEED WITNESSETH AS UNDER:

1. We the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer and Indian *JV/*Subsidiary Company and the Bidder/Contractor, do hereby declare and undertake that we shall be jointly and severally responsible to the Employer for the successful performance of the (Name of Equipment).
2. In case of any breach of the Contract committed by the Indian *JV/*Subsidiary Company, we the Bidder/Contractor and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer do hereby undertake, declare and confirm that we shall be fully responsible for the successful performance of the (Name of Equipment) and undertake to carryout all the obligations and responsibilities under this Deed of Joint Undertaking in order to discharge the Indian *JV/*Subsidiary Company's obligations stipulated under the Contract. Further, if the Employer sustains any loss or damage on account of any breach of the Contract for the (Name of Equipment), we the Bidder/Contractor and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer jointly and severally undertake to promptly indemnify and pay such loss/damages caused to the Employer on its written demand without any demur, reservation, Contest or protest in any manner whatsoever. This is without prejudice to any rights of the Employer against the Contractor/ his Sub-Vendor under the Contract and/or guarantees. It shall not be necessary or obligatory for the Employer to first proceed against the Indian *JV/*Subsidiary Company / **Bidder/Contractor before proceeding against the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer nor any extension of time or any relaxation given by the Employer to the Indian *JV/*Subsidiary Company / **Bidder/Contractor shall prejudice any rights of the Employer under this Deed of Joint Undertaking to proceed against the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer. The liability of the contractor, his sub-vendor and the associate/collaborator shall be limited to an amount equal to 100% of the value of the contract** between the contractor and the sub supplier for the equipments/systems.
3. Without prejudice to the generality of the Undertaking in paragraph 1 above, the manner of achieving the objective set forth in paragraph 1 above shall be as follows:
 - (a) We the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of the Qualified Equipment Manufacturer shall ensure that complete design, manufacturing, quality assurance and installation of the (Name of Equipment) is carried out inline with our manufacturing & quality drawings and procedures and shall be fully responsible for its compliance so as to ensure satisfactory, reliable, safe and trouble free performance of (Name of Equipment).

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Further, we, the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer shall extend our quality surveillance/ supervision/ quality control to the Contractor during manufacture, erection, commissioning and performance testing, both at Indian *JV/*Subsidiary Company's works and/ or at Employer's project site.

Further, the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer shall depute their technical experts from time to time to the Indian *JV/*Subsidiary Company works/ Employer's project site as required by the Employer and agreed to by Indian *JV/*Subsidiary Company to facilitate the successful performance of the (Name of Equipment) as stipulated in the aforesaid Contract.

Further, the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer shall ensure proper design, manufacture, installation, testing and successful performance of the (Name of Equipment) under the said Contract in accordance with stipulations of Bidding Documents and if necessary, the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer shall advise the Indian *JV/*Subsidiary Company suitable modifications of design and implement necessary corrective measures to discharge the obligations under the contract.

- (b) In the event Indian *JV/*Subsidiary Company/**Contractor fail to demonstrate that the (Name of Equipment) meets the guaranteed parameters and demonstration parameters as specified in the contract, the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer shall promptly carry out all the corrective measures related to engineering services at their own expense and shall promptly provide corrected design to the Employer.
 - (c) Implementation of the corrected design and all other necessary repairs, replacements, rectification or modifications to the (Name of Equipment) and payment of financial liabilities and penalties and fulfillment of all other contractual obligations as provided under the contract shall be the joint and severally responsibility of the **Contractor and Indian *JV/*Subsidiary Company and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer.
4. We, the **Bidder/Contractor and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer and Indian *JV/*Subsidiary Company do hereby undertake and confirm that this Undertaking shall be irrevocable and shall not be revoked till ninety (90) days after the end of the defect liability period of the equipment covered under the Contract and further stipulate that the Undertaking herein contained shall terminate after ninety (90) days of satisfactory completion of such defect liability period. In case of delay in completion of defect liability period, the validity of this Deed of Joint Undertaking shall be extended by such period of

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delay. We further agree that this Undertaking shall be without any prejudice to the various liabilities of the Contractor including Contract Performance Security as well as other obligations of the Contractor in terms of the Contract.

5. The **Bidder/Contractor and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer and Indian *JV/*Subsidiary Company will be fully responsible for the quality of all the equipment/main assemblies/components manufactured at their works or at their Vendors' works or constructed at site, and their repair or replacement, if necessary, for incorporation in the Plant and timely delivery thereof to meet the completion schedule under the Contract.
6. In case of Award, in addition to the Contract Performance Security for the Contract, the Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer and Indian *JV/*Subsidiary Company shall each furnish 'as security' an on demand Performance Bank Guarantee in favour of the Employer as per provisions of the bidding documents. The value of such Bank Guarantee shall be equal to **INR 1.5 Million (Indian Rupees One and Half Million)** and it shall be guarantee towards the faithful performance /compliance of this Deed of Joint Undertaking in accordance with the terms and conditions specified herein. The bank guarantee shall be unconditional, irrevocable and valid till ninety (90) days beyond the end of defect liability period of the last equipment covered under the Contract. In case of delay in completion of the defect liability period, the validity of this Bank Guarantee shall be extended by the period of such delay. The guarantee amount shall be promptly paid to the Employer on demand without any demur, reservation, protest or contest.
7. Any dispute that may arise in connection with this Deed of Joint Undertaking shall be settled as per arbitration procedure/rules mentioned in the Contract Documents. This Deed of Joint Undertaking shall be construed and interpreted in accordance with the Laws of India and the Courts of Delhi shall have exclusive jurisdiction.
8. We, the Bidder/Contractor and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer and Indian *JV/*Subsidiary Company agree that this Undertaking shall form an integral part of the Contracts from the date of signing of this Deed of Joint Undertaking. We further agree that this Deed of Joint Undertaking shall continue to be enforceable till its validity.
9. That this Deed of Joint Undertaking shall be operative from the effective date of signing of this Deed of Joint Undertaking.

IN WITNESS WHEREOF, the Bidder/Contractor and Qualified Equipment Manufacturer and the *Holding/*Subsidiary Company of Qualified Equipment Manufacturer and *Indian Joint Venture Company/ *Subsidiary Company Vendor through their authorised representatives, have executed these presents and affixed common seal of their respective companies, on the day, month and year first mentioned above.

1. WITNESS

For M/s
(Bidder/Contractor)

Signature of authorized signatory.....

.....
(Signature Name)

(Signature of the Authorised
Representative)

.....
(Official Address)

Name

Designation

Common Seal of the
Company

1. WITNESS

For M/s
(Indian *JV/*Subsidiary Company)

.....
(Signature Name)

(Signature of the Authorised
Representative)

.....
(Official Address)

Name.....

Designation

Common Seal of the
Company

1. WITNESS

For M/s
(Qualified Equipment Manufacturer)

.....
(Signature Name)

(Signature of the Authorised
Representative)

.....
(Official Address)

Name.....

Designation

Common Seal of the
Company

1. WITNESS

*For M/s
(*Holding/*Subsidiary Company of
Qualified Equipment Manufacturer)

.....
(Signature Name)

(Signature of the Authorised
Representative)

Signature of authorized signatory.....

.....
(Official Address)

Name.....

Designation

Common Seal of the
Company

Note : Power of Attorney of the persons signing the said Deed of Joint Undertaking is to be furnished.

* Contractor/Sub-Vendor shall strike out, whichever is not applicable.

** Copy of priced purchase order for the equipment shall be furnished by Bidder.

Signature of authorized signatory.....