



GLOBAL INVITATION

PRE-QUALIFICATION (PQ)

FOR

UREA REVAMP PROJECTS AT NFL, PANIPAT & BATHINDA.

(PQ BOOKLET NO.: PNMM/PC174/PQ/001)

PREPARED & ISSUED BY



PROJECTS & DEVELOPMENT INDIA LTD.

(A Govt. Of India Enterprise)

PDIL BHAWAN, A-14, SECTOR-1,

NOIDA-201301 U.P. (INDIA)

August, 2019

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**ISSUE LETTER
FOR
PQ BOOKLET
(GLOBAL INVITATION)**

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NAME OF PROJECT: UREA REVAMPS (including installation of new Natural Draft Prilling Tower) at NFL, Panipat & Bathinda.

PQ BOOKLET NO. PNMM/PC174/PQ/001

DATE :06.08.2019

BRIEF SCOPE OF WORK:

SUPPLY OF PROCESS LICENSE, BASIC DESIGN, DETAILED ENGINEERING, PROCUREMENT, SUPPLY, MANUFACTURE, FABRICATION, INSPECTION BY THIRD PARTY INSPECTION AGENCY (TPI) AS APPLICABLE, EXPEDITING, INSURANCE, TRANSPORTATION OF ALL EQUIPMENT & MATERIAL TO SITE INCLUDING LOADING, UNLOADING, STORAGE, MAINTENANCE, CONSTRUCTION AND ERECTION OF ALL CIVIL, MECHANICAL, ELECTRICAL AND INSTRUMENTATION WORKS, INSTALLATION, OBTAINING ALL NECESSARY STATUTORY APPROVALS FROM CONCERNED GOVERNMENT AUTHORITIES AS APPLICABLE, TESTING, MECHANICAL COMPLETION, PRE-COMMISSIONING, COMMISSIONING, PERFORMANCE GUARANTEE TEST RUNS INCLUDING TOTAL PROJECT MANAGEMENT AND HANDING OVER OF “INTEGRATED TOTAL UREA PLANT AND FACILITIES” ON LSTK (SINGLE POINT RESPONSIBILITY) BASIS, AT (1) NFL-PANIPAT, IN THE STATE OF HARYANA AND (2) NFL-BATHINDA, IN THE STATE OF PUNJAB.

Projects & Development India Limited (PDIL), for and on behalf of M/s National Fertilizers Ltd., has the pleasure of inviting eligible bidders to submit Pre-Qualification (PQ) Bids for the subject work in accordance with guidelines prescribed in PQ booklet. The PQ booklet, is placed at NFL website (www.nationalfertilizers.com), PDIL website (www.pdilin.com) and Central Public Procurement Portal (CPP) (<https://eprocure.gov.in>)

1.0 INTRODUCTION:

1.1 National Fertilizers Limited (NFL) is one of the largest producers of nitrogenous fertilizer in the country having a capacity to produce 3.568 million MT of Urea per year along with various industrial products. NFL at present is operating fertilizer units at, Panipat, Bathinda, Nangal and Vijaipur which are natural gas based plants with dedicated offsite and utility facilities. All NFL plants have been operating at more than their rated capacities.

National Fertilizers Limited (NFL) intends to revamp Urea Plants along with installation of new Natural Draft Prilling towers at Panipat and Bathinda. Through this project, NFL expects to achieve reduction in specific energy consumption and better quality of Prilled Urea, compatible with modern Urea Plants.

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1.2 Broadly, the project will comprise the following plants and facilities:

- (a) Revamping the existing urea plant(s) from conventional recycle process to stripping process.
- (b) Revamping the existing urea plant(s) from crystallization process to vacuum concentration route along with other required modifications.
- (c) Replacement of existing forced cum induced draft type Prilling Tower with a new circular Natural Draft concrete Prilling Tower of capacity 1800 MTPD.
- (d) Installation of waste water section (Hydrolyzer system) and distillation column.

1.3 OWNER has retained Projects & Development India Ltd. (PDIL) as the Consultant for the Project.

2.0 LOCATION OF THE PROJECT SITE

2.1 Panipat Plant: NFL-PANIPAT Plant is located at a site about 12 Km north from Panipat town in Haryana. It has excellent connectivity both by road and rail. The nearest Airport Delhi is situated at a distance of about 102 Km and Panipat Railway Station is about 21 Km from NFL plant.

2.2. Bathinda Plant: NFL-BATHINDA Plant is located at about 8 km from the district town of Bathinda in Punjab. The plant is located near Sirhind Canal. Bathinda is about 300 km (North West) from Delhi and is located on the National Highway No. 10. Bathinda airport is situated at a distance of about 24 Km from NFL plant and Bathinda railway station is about 8 km from the plant.

3.0 Pre-qualification (PQ) Bids are hereby invited from competent bidders with sound technical and financial capability meeting the respective pre-qualification requirement as per Instructions to Bidders.

4.0 Pre-qualification (PQ) booklet can be downloaded from NFL website (www.nationalfertilizers.com), PDIL website (www.pdilin.com) and CPP portal (<https://eprocure.gov.in>). Request for sending document by post, courier or any other mode will not be entertained.

5.0 Evaluation of Pre-Qualification shall be carried out as specified in pre-qualification booklet.

6.0 PQ Booklet, downloaded from websites/ CPP portal and duly signed and stamped by the authorized official along with PQ Bids with all information and supporting documents shall be submitted **in Five copies (1 original + 4 copies + 1 CD (soft format of PQ) to Shri. P.R.SAHU, Addl. General Manager (M.M), Projects & Development India Ltd., PDIL Bhawan, A-14, Sector-1, NOIDA – 201301, Distt. Gautam Budh Nagar**

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(U.P) within due date and time. The bid will be opened on same day at 14.30 Hrs IST. Bidders shall ensure submission of complete information / documentations in the first instance itself. Prequalification may be completed based on the details so furnished without seeking any subsequent additional information. The soft copy of the PQ bid submitted in CD form shall be in a non-editable secured format. The Bidder shall submit an undertaking along with the PQ bid that the information submitted in the CD form is a true copy of the PQ bid submitted in hard copy form.

7.0 SALIENT FEATURES OF PQ DOCUMENT

7.1	PQ Booklet No	PNMM/PC174/PQ/001, Date 06.08.2019
7.2	Last Date & Time for Submission of Pre-Qualification Bid	01.10.2019 , 12:00 hrs (IST)
7.3	Date & Time of opening of Pre-Qualification Bid	01.10.2019 , 14:30 hrs (IST), Venue: PDIL Bhawan, Noida
7.4	Address for Communication	
7.4.1	NFL	National Fertilizers Limited, A-11, Sector-24, Noida Dist. Gautam Budh Nagar (UP). (India) Mr. K.K. Goel, General Manager (Technical) Fax No.: 0120-2414088 Tel.:0120-2412294/Ext.3503 E-mail: kkguel@nfl.co.in Ms. Ritu Goswami, Dy. General Manager Fax No.: 0120-2414088 Tel.:0120-2412294/Ext.2332 E-mail: ritugoswami@nfl.co.in
7.4.2	PDIL	Projects & Development India Limited, (Materials Management Department) P.D.I.L Bhawan, A-14, Sector-1, Noida, (PIN 201301) Dist. Gautam Budh Nagar (UP). (India) Kind Attention: Mr.P.R.Sahu, Addl. General Manager (M.M)

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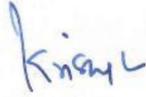
		Fax no. : +91-120-2529801 Tel no. : +91-120-2544063 E-mail : prsahu@pdilin.com / anjali@pdilin.com / amitvarshney@pdilin.com
7.5	PQ Bids to be submitted at	Projects & Development India Limited, (Materials Management Department) P.D.I.L Bhawan, A-14, Sector-1, Noida, (PIN 201301) Dist. Gautam Budh Nagar (UP). (India) Kind Attention: Mr.P.R.Sahu, Addl. General Manager (M.M) Fax no. : +91-120-2529801 Tel no. : +91-120-2544063 E-mail : prsahu@pdilin.com / 7anjali@pdilin.com/ amitvarshney@pdilin.com

- 8.0 Submission of PQ booklet and/or submission of PQ bids by itself shall not amount to pre-qualification or entitle the Bidder to participate in the bidding. Bidder will furnish the Bid with all the relevant information as called for. Bids with incomplete information are liable for rejection.
- 9.0 OWNER / Consultant will not be responsible for any costs or expenses incurred by the Bidder in connection with preparation or delivery of PQ Bids including costs and expenses incurred by the Bidder during prequalification.
- 10.0 Submission of PQ bids vide fax & e-mail shall not be accepted. The PQ Bids submitted shall be signed and sealed in Original. To the extent possible documents shall be submitted in original duly signed by authorized representative. For others Xerox copies of documents duly authenticated and signed in original by authorized representative of the Bidder shall be submitted.
- 11.0 Bidder may depute their representative (not more than two persons) with proper authorization letter to attend opening of PQ bids.
- 12.0 OWNER / Consultant reserve the right to reject any or all PQ bids at their sole discretion without assigning any reason whatsoever. Owner shall not entertain any correspondence with any Bidder on acceptance or rejection of PQ Bids.

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- 13.0 Canvassing in any form by the Bidder or by any other Bidder on their behalf may lead to disqualification of their PQ bid.
- 14.0 Transfer of PQ bid documents is not permissible in any other name at any stage.
- 15.0 If at any later date, it is found that documents, information and data submitted by the Bidder in the PQ Bid, and based on which the Bidder has been considered eligible or successful or prequalified is incorrect or false, to the extent that had the correct or true information been made available to the OWNER/Consultant at the time of PQ bid evaluation, the Bid would have been declared ineligible or unsuccessful, the Bidder shall be forthwith disqualified.
- 16.0 Clarification, if any, can be obtained from Addl. General Manager (Materials) on E-mail ID : prsahu@pdilin.com, anjali@pdilin.com, amitvarshney@pdilin.com; Fax Nos. +91 - 120 – 2529801, 2541493, Telephone No. +91 – 120 –2544063 citing reference of PQ Booklet.
- 17.0 Interested bidders are requested to confirm their intention of submitting the PQ bid to PDIL, by **20.08.2019** through e-mail.

For & on behalf of
National Fertilizers Limited, (NFL)



(K.K.GOEL)
General Manager (Technical)

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INSTRUCTIONS
TO
BIDDERS

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1.0 PREAMBLE

NFL has decided to carryout revamp of Urea plants along with installation of new Natural Draft Prilling towers at Panipat and Bathinda.

In order to evince interest from LSTK contractors globally for undertaking the proposed project in the aforesaid 2 locations, NFL is hereby floating a global tender to reach out to the interested parties to participate in the pre-qualification process. In order to participate in the process, the interested parties have to submit data/information as furnished in the PQ Booklet.

2.0 DEFINITIONS

- 2.1 **‘Owner’** shall mean M/s National Fertilizers Limited having their Corporate Office at A-11, Sector-24, Noida-201301, Uttar Pradesh, India.
- 2.2 **‘Consultant’** shall mean M/s. Projects & Development India Limited having their Registered Office at PDIL Bhawan, A-14, Sector-I, Noida, India which expression shall include their successors and assigns.
- 2.3 **‘PQ’** shall mean Pre-qualification.
- 2.4 **‘PQ Bid’** shall mean the bid submitted by Bidder(s) for Pre-qualification in response to this ‘PQ Booklet’
- 2.5. **‘Bidder’** shall mean the sole bidder or a Consortium who shall submit or who have submitted the PQ Bid in response to PQ Booklet.
- 2.6. **‘Pre-qualified Bidder’** shall mean the Bidder who shall be pre-qualified by OWNER for the issuance of the Bidding Document under LSTK Package.
- 2.7. **‘Bidding Document/ Main Bidding Document’** shall mean the document which shall be issued to the Pre-Qualified Bidder for submission of their LSTK Bid.
- 2.8. **‘LSTK’** shall mean Lumpsum Turnkey Project and shall be executed on LSTK basis as per the scope of work defined in this PQ booklet.
- 2.9 **‘Licensor’** shall mean agency responsible for the supply of License, basic design and process package for the proposed project.
- 2.10 **‘Technology Criteria’** shall mean the technology criteria as specified herein (refer clause 3.0 of Instructions to bidders).

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- 2.11 **‘Experience Criteria’** shall mean the minimum experience criteria as specified herein (refer clause 3.0 of Instructions to bidders).
- 2.12 **‘Financial Criteria’** shall mean the Annual Turnover, Net worth and Solvency criteria as specified herein (refer clause 3.0 of Instructions to bidders).
- 2.13 **‘Contractor/LSTK Contractor’** shall mean the successful sole bidder or consortium bidder, whose services shall be obtained for supply of Process License, Engineering, Procurement, Supply and Construction of Unit/Facilities/System on package basis covered under scope of work as stated in Clause no 4.0 of Instructions to bidders.
- 2.14 **‘LSTK Bid’** shall mean the bid to be submitted by the Pre Qualified Bidder in response to the Bidding Document issued by OWNER/Consultant.
- 2.15 **‘Multidisciplinary’** shall mean part or all items / equipment /supplies and works involving either or all process, civil, mechanical, electrical, instrument engineering.
- 2.16 **‘Consortium’** means an association of not more than three (3) members for successful execution of the project.
- 2.17 All headings of the clauses in this document are broadly indicative of the contents of the clauses and not as a summary of the contents thereof.
- 2.18 Unless otherwise specifically stated, the singular shall include the plural and vice versa.

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3.0 PREQUALIFICATION CRITERIA:

Pre-qualification (PQ) Bids are hereby invited from competent agencies (sole bidder or consortium) with sound technical and financial capability meeting the respective pre-qualification requirement stated hereunder:

3.1 PQ Criteria for a Sole Bidder

3.1.1	Technology Criteria:	Document Required
3.1.1.1	<p>The Bidder should be capable of providing Process License and Basic Design Package from any one of the following reputed Process Technology Licensors :</p> <ul style="list-style-type: none"> (i) Casale, Switzerland (ii) Saipem, Italy (iii)Stamicarbon, Netherlands (iv)Toyo, Japan <p>Technology once selected and offered by the Bidder cannot be changed. However, a Technology licensor can tie up with more than one (1) LSTK contractor.</p>	Letter of undertaking from the identified process licensor for technology tie up for the proposed project(s) as per Exhibit-1.
3.1.2	Experience Criteria (Technical):	Document Required
3.1.2.1	<p>The Bidder should be an established LSTK Contractor in at least one of the specified areas i.e. Ammonia, Urea, Hydrogen, Oil & Gas and Petrochemicals {excluding experiences in exploration, storage terminal of Petroleum, Oil, Lubricants, RLNG/LNG/LPG and oil/gas pipe lines} and should possess experience of having successfully completed with single point responsibility at least one Brownfield/Revamped Plant in India or outside the country of origin of the bidder/parent company within a period of last fifteen (15) years (ending last day of month previous to the one in which bids are invited) on Lumpsum Turnkey (LSTK) basis with scope of work comprising of Detailed Engineering, Procurement, supply, construction and erection of all civil, mechanical, electrical and instrumentation works, Testing, Pre-commissioning, Commissioning and Guarantee Test of completed individual plants. Such plant should be in satisfactory operation for at least one year from the date of Acceptance, as on the last day of the month previous to the one in which bids are invited. Further, the reference project for successful operation should be one of the projects</p>	<p>1.0 Copy of Work Order / relevant Extract of Work Order/Contract Agreement.</p> <p>2.0 Completion/ Acceptance Certificate and Performance Certificate towards satisfactory operation of the plant for at least one year from Owner / customer along with the name of the contact person and contact details such as Ph. No., e-mail I.D etc.</p> <p>Details should be submitted as per Exhibit -2</p>

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	referred under 3.1.3.1.	
3.1.2.2	In case the Bidder intends to engage the services of a sub-contractor for Detailed Engineering for the Proposed project then the bidder shall submit Memorandum of Understanding (MoU)/Agreement with the Engineering Sub-contractor, along with the bid. Moreover, Bidder shall engage the services of detailed engineering consultant having experience of carrying out detailed engineering of at least one of the specified areas i.e. Ammonia, Urea, Hydrogen, Oil & Gas and Petrochemicals {excluding experiences in exploration, storage terminal of Petroleum, Oil, Lubricants, RLNG/LNG/LPG & oil/ gas pipe lines} within a period of fifteen (15) years (ending last day of the month previous to the one in which bids are invited) as stated in clause 3.1.2.1 above. Bidder shall submit the reference list of such plants for which the proposed detailed engineering consultant has carried out detailed engineering.	<p>1.0 Memorandum of Understanding (MoU)/Agreement with subcontractor for Detailed Engineering.</p> <p>2.0 Reference list of plants of detailed engineering consultant.</p>
3.1.3	Experience Criteria (Financial)	Document Required
3.1.3.1	<p>The Bidder, meeting the requirements as per Clause 3.1.2.1 above, must have executed in at least one of the specified areas i.e. Ammonia, Urea, Hydrogen, Oil & Gas and Petrochemicals {excluding experiences in exploration, storage terminal of Petroleum, Oil, Lubricants, RLNG/LNG/LPG and oil/ gas pipe lines} on LSTK basis in India or outside the country of origin of the bidder /parent company during last fifteen (15) years ending last day of month previous to the one in which bids are invited, either of the following:</p> <p>One completed work costing not less than INR 220 Crores or US \$ 31.5 Million</p> <p style="text-align: center;">Or</p> <p>Two completed work each costing not less than INR 135 Crores or US \$ 19.3 Million</p> <p style="text-align: center;">Or</p> <p>Three completed work each costing not less than INR 100 Crores or US \$ 14.3 Million</p>	<p>1.0 Copy of Work Order / relevant Extract of Work Order/Contract Agreement.</p> <p>2.0 Completion/ Acceptance Certificate clearly indicating LOA/WO/Contract Agreement No., name of work, contract value, scope of work, executed value and actual date of completion.</p> <p>Details should be submitted as per Exhibit -2</p>
3.1.4	Financial Criteria	Document Required
3.1.4.1	Average Annual financial turnover during the last three (3) preceding financial years i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016 of the bidder meeting the	Audited Annual Report (Balance Sheet and Profit & Loss account) of the company for the last three (3)

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	requirement as per clause 3.1.2.1 above, should be at least INR 130 Crores or US \$ 18.6 Million.	financial years i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016. Details should be submitted as per Exhibit -3
3.1.4.2	Net Worth of Bidder should be INR 220 Crores or US \$ 31.5 Million as on the last day of the preceding financial year.	Audited Annual Report (Balance Sheet and Profit & Loss account) of the company for the last three (3) financial years i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016. Details should be submitted as per Exhibit -3
3.1.4.3	Bidder shall submit solvency certificate not older than one year from the last day of month previous to the one in which bids are invited from their banker for a value not less than INR 90 Crores or US \$ 12.9 Million.	Adequate Solvency Certificate from Banker
<p>The above qualification criteria can be met by the bidder or parent company provided all the technical and financial liabilities and obligations are assumed by the parent company in the event of default by the bidder. In case pre-qualification criteria are met by parent company, the Bidder is required to submit indemnity from parent company. Provision of such indemnity needs to be in line with the MOA (Memorandum Of Association) of the issuing entity. Besides, indemnity needs to be backed by NOC of bankers to the issuing entity.</p>		

3.2 PQ Criteria for a Consortium Bidder with Joint and Several Responsibilities. (The number of consortium members including the lead Bidder shall not exceed three-refer note-3).

3.2.1	Technology Criteria	Document Required
3.2.1.1	<p>Consortium Bidder should be capable of providing Process License and Basic Design Package from any one of the following reputed Process Technology Licensors:</p> <ul style="list-style-type: none"> (i) Casale, Switzerland (ii) Saipem, Italy (iii) Stamicarbon, Netherlands (iv) Toyo, Japan <p>Technology once selected and offered by the Bidder cannot be changed. However, a</p>	Letter of undertaking from the identified process licensor for technology tie up for the proposed project(s) as per Exhibit -1.

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Technology licensor can tie up with more than one (1) LSTK contractor.		
3.2.2	Experience Criteria (Technical)	Document Required
3.2.2.1	<p>The lead bidder of the Consortium should be an established LSTK Contractor in at least one of the specified areas i.e. Ammonia, Urea, Hydrogen, Oil & Gas and Petrochemicals {excluding experiences in exploration, storage terminal of Petroleum, Oil, Lubricants, RLNG/LNG/LPG and oil/ gas pipe lines} and should possess experience of having successfully completed with single point responsibility at least one Brownfield/Revamped Plant in India or outside the country of origin of the bidder/parent company within a period of last fifteen (15) years (ending last day of month previous to the one in which bids are invited) on Lumpsum Turnkey (LSTK) basis with scope of work comprising of Detailed Engineering, Procurement, supply, construction and erection of all civil, mechanical, electrical and instrumentation works, Testing, Pre-commissioning, Commissioning and Guarantee Test of completed individual plants. Such plant should be in satisfactory operation for at least one year from the date of Acceptance as on the last day of the month previous to the one in which bids are invited. Further, the reference project for successful operation should be one of the projects referred under 3.2.3.1.</p>	<p>1.0 Copy of Work Order / relevant Extract of Work Order/Contract Agreement.</p> <p>2.0 Completion/ Acceptance Certificate and Performance Certificate towards satisfactory operation of the plant for at least one year from Owner / customer along with the name of the contact person and contact details such as Ph. No., e-mail I.D etc.</p> <p>Details should be submitted as per Exhibit -2</p>
3.2.2.2	<p>In case the Bidder intends to engage the services of a sub-contractor for Detailed Engineering for the Proposed project then the bidder shall submit Memorandum of Understanding (MoU)/Agreement with the Engineering Sub-contractor, along with the bid. Moreover, Bidder shall engage the services of detailed engineering consultant having experience of carrying out detailed engineering of at least one of the specified areas i.e. Ammonia, Urea, Hydrogen, Oil & Gas and Petrochemicals {excluding experiences in exploration, storage terminal of Petroleum, Oil, Lubricants, RLNG/LNG/LPG & oil/ gas pipe lines} within a period of fifteen (15) years (ending last day of the month previous to the one in which bids are invited) as stated in clause 3.2.2.1 above. Bidder shall submit the reference list of such plants for which the proposed detailed engineering consultant has carried out detailed engineering.</p>	<p>1.0 Memorandum of Understanding (MoU)/Agreement with subcontractor for Detailed Engineering.</p> <p>2.0 Reference list of plants of detailed engineering consultant.</p>

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3.2.3	Experience Criteria (Financial)	Document Required
3.2.3.1	<p>Any of the Consortium members, must have executed projects in at least one of the specified areas i.e. Ammonia, Urea, Hydrogen, Oil & Gas and Petrochemicals {excluding experiences in exploration, storage terminal of Petroleum, Oil, Lubricants, RLNG/LNG/LPG and oil/ gas pipe lines} on LSTK basis in India or outside the country of origin of the bidder/parent company during last fifteen (15) years ending last day of month previous to the one in which bids are invited, either of the following:</p> <p>One completed work costing not less than INR 220 Crores or US \$ 31.5 Million Or Two completed work each costing not less than INR 135 Crores or US \$ 19.3 Million Or Three completed work each costing not less than INR 100 Crores or US \$ 14.3 Million.</p> <p>However, the lead bidder of the Consortium must have experience of executing project of at least INR 100 Crore or US\$ 14.3 Million.</p>	<p>1.0 Copy of Work Order / relevant Extract of Work Order/Contract Agreement.</p> <p>2.0 Completion/ Acceptance Certificate clearly indicating LOA/WO/Contract Agreement No., name of work, contract value, scope of work, executed value and actual date of completion.</p> <p>Details should be submitted as per Exhibit -2</p>
3.2.4	Experience Criteria (Financial)	Document Required
3.2.4.1	<p>Average Annual financial turnover of the Lead Bidder during the last three (3) preceding financial years i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016, should be INR 130 Crores or (US \$ 18.6 Million)</p> <p>Average Annual financial turnover of each of the other members of the consortium during the last three (3) preceding financial years i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016, should be at least INR 65 Crore Or US \$ 9.3 Million</p>	<p>Audited Annual Report (Balance Sheet and Profit & Loss account) of each of the consortium member for the last three (3) financial years i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016.</p> <p>Details should be submitted as per Exhibit -3</p>
3.2.4.2	<p>Net Worth of Lead Bidder should be at least INR 220 Crores or US \$ 31.5 Million as on the last day of the preceding financial year.</p> <p>Net Worth of each of the other members of the</p>	<p>Audited Annual Report (Balance Sheet and Profit & Loss account) of each of the consortium member for the last three (3) financial years</p>

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	consortium should be at least INR 110 Crores or US \$ 15.7 Million as on the last day of the preceding financial year.	i.e. 2018-2019, 2017-2018 and 2016-2017 or calendar years 2018, 2017 and 2016. Details should be submitted as per Exhibit -3
3.2.4.3	The consortium members shall submit solvency certificate not older than one year from the last day of month previous to the one in which applications are invited from their banker for a collective value not less than INR 90 Crores or US \$ 12.9 Million.	Adequate Solvency Certificate from Banker
The member of a Consortium Bidder can also meet the shortfall (if any) of above Financial criteria on the financial strength of its Parent/Holding company who is the Lead bidder in the Consortium.		

Note:

1. Order value/Turn Over/ Net worth as PQ Criteria indicated by the bidders in foreign currency other than US\$, the exchange rate (as per RBI reference rate) as on bid opening date shall be used for conversion to INR.
2. In case Bidder is not able to submit Audited Annual Report for the financial year 2018-19, Bidder may substantiate the same from his statutory auditor / chartered Accountant and submit certification of Bidder's Annual financial turnover and Net worth for financial year 2018-19 on statutory auditor's/ chartered Accountant's letter head.
3. **Consortium Bidder (Lead Bidder) & distribution of work**

The number of consortium members including the Leader shall not exceed three. The Leader of the Consortium and other Consortium Members shall be responsible for execution of the contract and all the activities of the Project for the entire contract period.

The identification of the Lead Bidder of the Consortium and the distribution of work, roles & responsibilities amongst the Consortium members will be clearly indicated in the form of Consortium Agreement (as per Appendix-I) duly signed by all the members of the Consortium and set forth in the PQ Bid.

The leader of the Consortium shall be authorized to incur liabilities and receive instructions for and on behalf of any and all member(s) of the Consortium. All the members of the Consortium shall be jointly and severally bound unto the OWNER for execution of the contract in accordance with the contract terms and shall jointly and severally be liable to the OWNER to perform all contractual obligations including technical guarantees Notwithstanding anything contrary in the Consortium Agreement, the leader of the Consortium shall have coordination responsibility for execution of the contract..

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All the members of the Consortium shall be liable jointly and severally for the performance of the contract and discharge of the contractor's obligations and liabilities under the Contract.

A consortium once established at the time of submitting the Bid shall not be allowed to be altered with respect to constituting members of the Consortium or their respective roles/ scope of work, except if and when required in writing by owner. If during the evaluation of bids, a consortium proposes any alteration/ changes in the orientation of consortium or replacements or inclusions or exclusions of any partner(s)/ member(s) which had originally submitted the bid, bid from such a consortium shall be liable for rejection.

Any member of the consortium shall not be eligible either in an individual capacity or be a part of any other consortium to participate in this tender. Further, no member of the consortium should have been put on 'Holiday'/'Negative list' by NFL or Public Sector Project Management Consultant (like EIL, Mecon, PDIL only due to "poor performance" or "corrupt and fraudulent practices") or banned/blacklisted by Government department/ Public Sector on due date of submission of bid. Offer submitted by such consortium shall not be considered for opening/ evaluation/Award. Undertaking to this affect shall be provided by each bidder/ member of consortium (Form -7).

4. In case any of the identified Licensor(s) are participating in the bidding process as single bidder or as part of a consortium; those Licensor(s) cannot associate with any other bidder participating in this PQ tender.
5. Owner/Consultant may verify the details as submitted by the bidder at their own cost. Bidder shall also facilitate Owner/Consultant site visit to such companies/countries.

4.0 BRIEF SCOPE OF WORK

The existing fertilizer plants at Panipat/Bathinda are having installed capacity of 900 MTPD Ammonia and 1550 MTPD Urea based on NG feedstock with other necessary offsite and utility facilities. These plants are operating at around 990 MTPD Ammonia and 1650 MTPD Urea. In order to reduce the energy consumption so as to meet the target energy norms under NUP-2015, NFL is installing Gas turbine Generator with Heat recovery System (HRSG) to replace its existing turbo generators. However, as specific energy consumption of Urea plants will still remain higher as compared to latest plants, and considering that Ammonia and offsites have already been revamped to latest technology, NFL intends to implement energy reduction scheme to further reduce the overall energy consumption of urea by way of:

- (a) Revamping the existing urea plant(s) from total recycle synthesis process to stripping process.
- (b) Revamping the existing urea plant(s) from crystallization process to concentration route along with other required modifications.

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(c) Installation of waste water section (Hydrolyser system) and Distillation Column .

Total expected overall energy saving in case of implementation of above scheme shall be around 0.4 GCal per MT urea.

Apart from this energy reduction scheme, NFL also intends to replace existing forced cum induced draft type Prilling Tower with a new circular Natural Draft concrete Prilling Tower of capacity 1800 MTPD so as to improve quality of Prilled urea. After implementation of said schemes, NFL is expecting reduction in specific energy consumption and better quality of Prilled Urea, compatible with modern Urea Plants.

The LSTK Contractor shall be required to execute the above project(s) on LSTK basis at (1) NFL-PANIPAT, in the state of Haryana and (2) NFL-BATHINDA, in the state of Punjab. The brief scope of work of the LSTK Contractor shall include supply of process license, basic design, detailed engineering, procurement, supply, manufacture, fabrication, inspection by third party inspection agency (TPI) as applicable, expediting, insurance, transportation of all equipment & material to site including loading, unloading, storage, maintenance, construction and erection of all civil, mechanical, electrical and instrumentation works, installation, obtaining all necessary statutory approvals from concerned government authorities as applicable, testing, mechanical completion, pre-commissioning, commissioning, performance guarantee test runs including total project management and handing over of “integrated total urea plant and facilities” on single point responsibility basis.

Pre qualified LSTK Contractor/Process Licensor shall carry out a Detailed Study before finalizing the “Energy Saving Scheme” and firm-up the ”guarantee figure of Saved Energy”. For this purpose, LSTK Contractor and/or Process Licensor shall have to undertake visit to the plants, interact with the client etc. LSTK Contractor/Process Licensor shall consider the latest technological features with an objective to have lowest energy consumption & high reliability of plant. **Low energy consumption per ton of Urea produced and cost of revamp will be the major selection criteria of LSTK Contractor.** The scope of “Basic Design Package” for this energy saving scheme for 1650 MTPD UREA plant shall include but not limited to the following:

1. Basis of Design (including Battery Limits definition);
2. Process description;
3. Process Flow Diagram of the finalized scheme;
4. Material balance of the finalized scheme;
5. Steam & condensate and Cooling water balances of the finalized scheme
6. List of Modified Equipment with main dimensions and process data (Not limited to the following: material of construction, maximum/ operating parameters, number of tubes, tube length, pump capacity/ head, diameter, height, etc).

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7. List of New Equipment/ vessels with main dimensions and process data (Not limited to the following :-material of construction, maximum/ operating parameters, number of tubes, tube length, pump capacity/ head, diameter, height, etc).
8. Preliminary lay-out for new equipment, in relation to existing unit showing major elevation.
9. Preliminary list of Tie-in points with Existing plant unit and utility lines
10. Providing OPERATION & MAINTENANCE MANUAL for the scheme.

5.0 TERMS AND CONDITIONS

5.1 Cost of PQ bidding

The Bidder shall bear all costs associated with the preparation or delivery of its PQ Bid, participating in discussions etc. including costs and expenses related with visits to the Site(s). OWNER / Consultant will in no case be responsible or liable for those costs and expenses regardless of the outcome of the bidding process.

5.2 Language of PQ Bids

The bid prepared by the bidders and all correspondence and documents relating to the Bid exchanged by the Bidder and the Company shall be written in the English language and all units shall be in Metric system. In case a document, certificate, printed literature, etc furnished by the bidder is in a language other than English, the same should be accompanied by an English Translation, duly authorized by the Chamber of Commerce of the Bidders' country, in which case, for the purpose of interpretation of the bid, the English translation shall govern.

5.3 Availability of PQ Booklet

Pre-qualification (PQ) booklet can be downloaded from NFL website (www.nationalfertilizers.com), PDIL website (www.pdilin.com) and CPP portal (<https://eprocure.gov.in>). Request for sending document by post, courier or any other mode will not be entertained.

5.4 Secrecy agreement

All technical information that shall be embodied in the main bidding document will be considered as confidential. Prequalified Bidders will not use for any other purpose or disclose confidential information to any third party without prior written approval of OWNER.

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5.5 OWNER / Consultant reserves their right to call for originals of the supporting documents for verification, if so deemed fit and also to cross check for any details as furnished by the Bidder from their previous Clients / Consultants. The Bidder shall have no objection whatsoever in this regard.

5.6 OWNER / Consultant reserves the right to assess Bidder's capability and capacity to perform the assignment by taking into account various aspects such as concurrent commitments, resources available, etc., should the circumstances so warrant such assessment in the overall interests of the Project.

5.7 OWNER / Consultant reserves the right to make use of available in-house data also for prequalification of agencies who have submitted PQ bids for prequalification.

5.8 Bid Evaluation

5.8.1 While evaluating the Bidder's conformity with Minimum Experience Criteria, the following consideration shall be applied.

- a) Only such works shall be taken into consideration, the details of which have been submitted by the Bidder along with copy of Work Order/ notification for award, copy of completion certificate and proof that unit was in operation.
- b) Copy of work order/ notification for award of work is a mandatory document which establishes that the Bidder has been awarded a work which meets the minimum single contract mentioned under Experience Criteria, Clause no. 3.0 above.
- c) Similarly 'Certificate of Acceptance' is a mandatory document which establishes Plant under reference has been successfully completed.
- d) Proof of operation of Plant is also a mandatory document to establish that plant was in operation for at least one year from the date of Acceptance of Plant.
- e) In case these mandatory documents as required under (b) to (d) above are not enclosed, such works may not be considered as meeting/ contributing the Experience Criteria.

For evaluating, only such Financial details shall be taken into consideration, which have been submitted by the Bidder as per Exhibits and Bidding Forms.

6.0 PREPARATION / SUBMISSION OF PQ BIDS

6.1 PQ Bid outline requirements

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All Bidding Forms/ Exhibits, duly filled in, as stipulated in this PQ booklet shall be submitted along with PQ bid, Bidder is required to make a proposal in a format as outlined below in order to achieve the objective of maintaining a uniform proposal structure from all the Bidders. This requirement must be adhered to by all the Bidders:

CHAPTER – I	<p>Letter of submission and synopsis of the proposal covering the Technical details for proposed project:</p> <p>(a) Concept note (Brief outline of Project Execution Methodology)</p> <p>(b) Process license / technology proposed.</p>
CHAPTER – II	<ol style="list-style-type: none"> 1. Organisation Profile covering (a) Name & address of the organisation with telephone, fax, e-mail nos. with contact persons (b) history & structure of the organisations with names of Directors & chief executives (c) name & addresses of the commercial banks. 2. Copy of Article of Association of the Company or Board Resolution mentioning Chairman/ Chief Executive Officer / Managing Director of the Company. 3. A copy of MOU/Agreement between the Detailed Engineering subcontractor (in case the Bidder themselves are not the detailed designer) and Bidder that they will carry out the assignment on award of the work order on the Bidder. A reference list of such plants for which the proposed detailed engineering subcontractor has carried out detailed engineering shall also be furnished.
CHAPTER – III	<ol style="list-style-type: none"> 1. Letter of undertaking by the Process Technology Licensor as per Exhibit-1 to the Bidder stating clearly that the Licensor will provide the Process License and Basic Design to the Bidder in case they are successful for award of the contract for the said Project. 2. Bid qualification criteria (BQC) in favour of Experience on LSTK basis as per Exhibit-2 and in favour of Financial Criteria as per Exhibit-3.
CHAPTER – IV	<ol style="list-style-type: none"> 1. Responsive Offer Criteria (ROC) as per Form-1 2. Bidder's concurrent commitment as per Form-2
CHAPTER-V	<ol style="list-style-type: none"> 1. Bidder's Organisation chart as per Form-3 2. Bidder is required to submit details pertaining to company

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	<p>information, legal status, place of registration, principal place of business of the company, etc. along with Bidder's Organisation details as per Form-4.</p> <p>3. Qualification and Experience of Technical Personnel as per Form-5</p> <p>4. Litigation/Arbitration Details as per Form-6</p> <p>5. Self Declaration against Holiday / Black-listing as per Form-7</p> <p>6. Declaration (Applicable for Foreign Bidders) as per Form-8.</p>
CHAPTER-VI	<p>In this section, Bidder is required to submit:</p> <p>1. Power of attorney on behalf of signatory of the bid.</p> <p>2. "Original" PQ booklet, downloaded from website/ CPP Portal, duly signed and stamped by the Bidder.</p>
CHAPTER-VII (In case of Consortium)	<p>1. Consortium Agreement as per Appendix-I</p>

In case of Consortium bid, the bid shall be signed by duly authorized signatory of each of the Consortium members. The division of responsibility of each member is to be mentioned in the PQ bid itself. The same will be subject to acceptance by OWNER/Consultant. Subsequently, the Consortium members will not be allowed to change their responsibility. Further, in case of Consortium the above details as outlined in 6.1, for each partner shall be furnished, wherever applicable.

The Bid must be complete in all respects leaving no scope for ambiguity. It is in the interest of Bidder to submit complete and comprehensive proposal leaving no scope for OWNER / Consultant to raise any further questionnaires as the proposal may only be evaluated on the basis of what has been submitted by the Bidder in the first instance in order to adhere with very strict Project Schedule requirements.

Complete PQ BID shall be serially page numbered and indexed in detail. Wherever reference to any document is made in support of pre-qualification criteria, the relevant page number of such document shall be clearly indicated. All strikeouts, corrections etc. shall be duly authenticated by affixing the signature along side. PQ Bids shall not

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have any corrections made with correcting fluid. Such bids shall not be taken up for further evaluation.

6.2 Submission of bids

- 6.2.1 PQ booklet marked original is required to be signed and stamped on each page and returned along with PQ bid as token of acceptance.

Bidders are advised to submit PQ bids strictly based in accordance with requirement mentioned vide clause 6.1 above. All signatures in bids shall be dated and shall bear a seal of the bidder. In addition, all pages of the bids shall before submission of the bid shall be initialed at lower right hand corner by the Bidder or by a person holding a Power of Attorney authorizing him to sign on behalf of the bidder. Sealed PQ Bid shall contain **one original and four copies plus 1 CD (PQ in soft format)** along with all necessary documents shall be sent, at the following addresses within due date and time. The bid will be opened on same day at 14.30 Hrs (IST).

PROJECTS & DEVELOPMENT INDIA LIMITED,

(Materials Management Department)

P.D.I.L Bhawan, A-14, Sector-1, Noida , (India)

Tel No. :+91 -120-2529842, 843, 847, 849

Fax No.:+91- 120-2529801

Attention: Mr. P.R.SAHU

Addl. General Manager (M.M)

Tel no. :+91-120- 2544063 (Direct)

E-mail :prsahu@pdilin.com /

/anjali@pdilin.com/amitvarshney@pdilin.com

ENVELOPE will be clearly marked as “**PQ Bid for UREA REVAMPS at NFL, Panipat & Bathinda**”, and shall carry the PQ Document No., Contractor’s name and address. The soft copy of the PQ bid submitted in CD form shall be in a non-editable secured format. The Bidder shall submit an undertaking along with the PQ bid that the information submitted in the CD form is a true copy of the PQ bid submitted in hard copy form.

- 6.2.2 If the ENVELOPE is not sealed and marked properly, OWNER/Consultant will assume no responsibility for the Bid’s misplacement or premature opening.
- 6.2.3 In addition to above, Envelope shall indicate the name and address of the bidder to enable the bid to be returned unopened in case it is declared to have been received “Late”.

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6.2.4 PQ bids sent by Fax / E-mail will not be accepted.

6.2.5 Each Bidder shall submit only one bid. A Bidder who submits more than one bid will be rejected.

7.0 **BID QUALIFICATION CRITERIA (BQC)**

7.1 OWNER / Consultant will examine the PQ Bids for their completeness, whether the documents have been signed, and whether the details furnished are generally in order.

7.2 OWNER / Consultant reserve the right not to seek any clarification on documents submitted in support of prequalification requirements and evaluate the PQ bids as on “Received basis”.

7.3 Bidder intending to participate shall meet the prequalification requirement stated in clause 3.0 above. Only those Bidders who meet the ‘Technology Criteria’, ‘Experience Criteria’ and ‘Financial Criteria’ as specified under Clause 3.0 shall be considered as meeting the minimum Pre-qualification requirements failing which such bidders will not be Pre-qualified.

7.4 **Owner’s right to accept any PQ bid and reject any or all PQ bids.**

The OWNER / Consultant reserves the right to accept or reject any PQ bid and to annul the Bidding process and reject all PQ bids at any time without thereby incurring any liability to the affected bidder(s) or any obligation to inform the affected bidder(s) of the grounds for the Owner’s action.

7.5 **Contacting the OWNER / Consultant**

No Bidder shall contact the OWNER / Consultant on any matter relating to its PQ Bid from the time of submission of PQ Bid, unless requested so in writing. Any effort by a Bidder to influence the OWNER / Consultant in the Owner’s decisions in respect of PQ Bid evaluation will result in the rejection of that Bidder’s PQ Bid.

7.6 **General information**

Proposed works are to be carried out for M/s National Fertilizers Limited (NFL) at NFL-PANIPAT, in the state of Haryana and (2) NFL-BATHINDA, in the state of Punjab, India and work procedures shall be in line with requirements pertaining to safety, operation and maintenance of the same.

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8.0 LITIGATION/ARBITRATION

- 8.1 Bidder shall give number and details of any litigation / arbitration proceedings presently under process or have undergone earlier with respect to the works executed by Bidder during last 5 years in Form -6 as indicated above.
- 8.2 Bidder submitting their PQ details shall not be under liquidation, court receivership or similar proceedings.

9.0 OTHER REQUIREMENTS FOR ENGINEERING AND CONSTRUCTION

- 9.1 Bidder shall have a design Organization with adequate strength of technical personnel and supporting design tools / aids and shall have extensively used 3D Modeling based on PDS/PDMS Software for design of their past project.
- 9.2 Following methodology shall be followed for carrying out Engineering Work. The Bidder must follow the same for executing the Engineering work.
- 9.2.1 Model / Drawings and documents issued by LSTK Contractor may be reviewed by Owner/Consultant. However, correctness of the documents is the responsibility of LSTK Contractor.
- 9.2.2 Complete Engineering shall be carried out at a single office on dedicated Task Force Basis, unless otherwise specifically required elsewhere, as per this PQ Booklet.
- 9.2.3 Engineering shall be carried out with adequate strength of engineering personnel and support design aids.
- 9.2.4 Engineering shall be carried out through extensive use of latest design software including 3D Modelling with PDMS/PDS software. Adequate number of workstations shall be deployed, commensurate with the project schedule. Bidder must furnish details of the number of available workstations along with the Bid.
- 9.2.5 “3D modeling review” by Owner/Consultant at 30/60/90 percent completion has to be arranged.
- 9.2.6 During construction period, field engineering services shall be required and have to be provided.
- 9.3 All the details / documents submitted along with PQ proposal which have been considered for evaluation of Pre-qualification shall form as the minimum commitments from Bidder and shall form part of Contract document to that extent.

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- 9.4 Foreign Bidders should have operating Indian establishment or their subsidiary wherein they have controlling rights, as on the last day of the month immediately previous to one in which bids are invited. This Indian establishment/Subsidiary must have been in continuous operation for more than 2 (two) years reckoned from the last day of the month immediately previous to one in which bids are invited. Bidders need to submit declaration to this effect in Form -8 as indicated above.
- 9.5 Bidder shall ensure that as a minimum, the following activities are performed by them directly and not subcontracted.
- i) Project Management
 - ii) Planning, Scheduling, Monitoring
 - iii) Detailed Engineering
 - iv) Procurement
 - v) Construction Management
 - vi) Quality Assurance (Project Management) and Safety Management.
 - vii) Pre-commissioning/commissioning.

However, if it is unavoidable, Detailed Engineering may be carried out by engaging an Engineering sub-contractor as per Clause 3.1.2.2 and 3.2.2.2. Bidder should identify key Engineering personnel who will review, approve and monitor the activities at the sub-contractor's office.

All sub-contractors proposed to be deployed shall be subject to approval by Owner / Consultant. Once approved, bidder will not be allowed to change the Engineering Sub-Contractor, subsequently.

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EXHIBITS

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LIST OF EXHIBITS

Bidder to submit following EXHIBITS duly filled in:

EXHIBIT – 1	LETTER OF UNDERTAKING (REF CLAUSE 3.1.1 OR 3.2.2)
EXHIBIT – 2	BID QUALIFICATION CRITERIA (BQC) IN FAVOUR OF EXPERIENCE CRITERIA (REF CLAUSE 3.1.2/3.1.3 OR 3.2.2/3.2.3)
EXHIBIT – 3	BID QUALIFICATION CRITERIA (BQC) IN FAVOUR OF FINANCIAL CRITERIA (REF CLAUSE 3.1.4 / 3.2.4)

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EXHIBIT-1

Letter of Undertaking

_____ (Licensor)

Date : _____
 Ref. No. : _____

To,
 M/s National Fertilizers Limited
 A-11, Sector-24, Noida

Subject: Delegation of right to use technology for Urea Revamp Project at NFL, Panipat and Bathinda Units

_____ (Licensor), having its principal place of business at _____, by means of this letter confirms that:

1. _____ (Licensor) owns technology for the production of prills of Urea from Ammonia and Carbon-di-oxide, including Rights of the licensing of such processes to third parties, and
2. _____ (LSTK Bidder), an established organization/ contractor having its principal place of business at _____ will be given the right to provide the technology , using the basic design and process guarantees provided by _____(Licensor) for Urea Revamp Projects (including installation of New Natural Draft Prilling Tower) at NFL, Panipat and NFL, Bathinda plants in India, and
3. In this respect, _____ (Licensor) grants _____ (LSTK Bidder) the right to negotiate the terms and conditions of an agreement with NFL.

Based on the above we hereby confirm that _____(LSTK Bidder) is authorized to bid and, if selected, to perform the relevant activities for the implementation of the Projects with our support.

Yours sincerely,

(LICENSOR)

Authorized Representative

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EXHIBIT-2

NAME OF PROJECT: UREA REVAMPS (INCLUDING INSTALLATION OF NEW NATURAL DRAFT PRILLING TOWER) AT NFL, PANIPAT & BATHINDA.

BID QUALIFICATION CRITERIA (BQC) IN FAVOUR OF EXPERIENCE CRITERIA (REFER CLAUSE 3.1.2/3.1.3 OR 3.2.2/3.2.3)

Bidder/Consortium Members shall furnish their LSTK experience details with reference to the work, in line with Experience Criteria mentioned under Clause **3.1.2/3.1.3 OR 3.2.2/3.2.3** of “Instructions to Bidders”. In case of Consortium, LSTK/EPC experience in line with Experience Criteria shall be indicated attributable to each of the Consortium members.

1.0 EXPERIENCE CRITERIA (TECHNCIAL)

SL. No.	Description	Details	
1.	Name of Project, Location		
2.	Description of work		
3	Capacity of the Project/ Name of Technology Supplier		
4.	Name of Owner, Postal Address, Phone / Fax No. / E-mail		
5.	Name of Consultant / Postal Address, Phone / Fax No. / E-mail.		
6.	Project Status		
	Date of Award		
	Scheduled Mechanical completion date.		
	Actual Mechanical completion date		
	Actual Project completion date (handover/acceptance)		
	Delay in months (if any)		
	Reasons for delay (if any)		
7.	Scope of work executed by Bidder's organization (In case work has been executed on Consortium basis, only scope of work of Bidder's organization be mentioned)	Detailed Engineering	YES/NO
		Project Management	YES/NO
		Procurement services	YES/NO
		Procurement including supply	YES/NO

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		Construction	YES/NO
		Construction supervision	YES/NO
		Pre-commissioning & commissioning	YES/NO
		Performance Guarantee Test Run	YES/NO
8	Completion Status	Milestones	Date
		Mechanical completion	
		Commissioning	
		Performance Guarantee runs / Handing over plant to Owner	
		Whether completion certificate enclosed	YES/NO
9.0	Documents to be Furnished		
9.1	Copy of Work Order / relevant Extract of Work Order/Contract Agreement		YES/NO
9.2	Completion/ Acceptance Certificate		YES/NO
9.3	Performance Certificate towards satisfactory operation of the plant from Owner / Customer		YES/NO
10.	Type of Project (Whether this work is for)	Petrochemical Plant	YES/NO
		Fertilizer/Oil & Gas/ Hydrogen	YES/NO
11.	Basis of work	Individual	YES/NO
		Consortium (Name of Consortium members and their responsibilities to be attached)	YES/NO
		Joint Venture (Name of Joint members and their responsibilities to be attached)	YES/NO

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2.0 EXPERIENCE CRITERIA (FINANCIAL)

SL. NO.	DESCRIPTION	PROJECT – 1, 2 etc. (Separate sheets for each Project)
1.	Project name and description	
2.	(a) Awarded contract value (INR / US\$)	
	One completed work costing not less than INR 220 Crores or US \$ 31.5 million Or Two completed work each costing not less than INR 135 Crores or US \$ 19.3 million Or Three completed work each costing not less than INR 100 Crores or US \$ 14.3 million	
	(b) Final executed contract value (INR / US\$)	
	(c) Exchange rate considered for contract	
3.	Name of Owner	
	(a) Name and address of Owner's contact person	
	(b) Telephone and Fax No.	
	(c) Mobile No.	
	(d) Email	
4.	(a) Date / month / year of award / commencement of Project	
	(b) Date / month / year of scheduled Commissioning of Project.	
	(c) Date / month / year of actual Commissioning of Project.	
5.	Basis of work	As a Single Bidder/ Organization (Consortium)
6.0	Documents to be furnished	
6.1	Copy of Work Order / relevant Extract of Work Order/Contract Agreement.	YES/NO
6.2	Completion/ Acceptance Certificate clearly indicating LOA/WO/Contract Agreement No., name of work, contract value, scope of work, executed	YES/NO

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	value and actual date of completion.	
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Note :

1. Bidder shall furnish the experience details as above of Projects which they consider suitable for their pre-qualification. OWNER / PDIL reserve the right not to evaluate any other Project details.
2. Bidder to note that BQC form shall be filled as per the Performa as stated, along with wherever applicable, copies of work order and completion certificates.
3. **Bidder to note that non-submission of relevant supporting documents may lead to rejection of their PQ bid.** It is to be ensured that all relevant supporting documents shall be submitted along with the PQ bid in the first instance itself. Pre-qualification may be completed based on the details so furnished without seeking any subsequent additional information.
4. For Work Order value indicated by the bidders in foreign currency other than US\$, the exchange rate (as per RBI reference rate) as on Bid Opening Date shall be used for conversion to INR.

STAMP & SIGNATURE OF BIDDER :
NAME OF BIDDER :
DATE :

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EXHIBIT-3

NAME OF PROJECT: UREA REVAMPS (INCLUDING INSTALLATION OF NEW NATURAL DRAFT PRILLING TOWER) AT NFL, PANIPAT & BATHINDA.

**BID QUALIFICATION CRITERIA (BQC) IN FAVOUR OF FINANCIAL CRITERIA
(REF CLAUSE 3.1.4 / 3.2.4)**

Bidder shall furnish details, which pre-qualify them in line with Financial Criteria mentioned under Clause 3.1.4 / 3.2.4 of “Instructions to Bidders”. In case of Consortium, Financial Criteria attributable to each of the Consortium members shall be furnished.

(Format for Statutory Auditor certificate/Chartered Accountant for financial capability of the Bidder)

We have verified the Annual Accounts and other relevant records of M/s..... (Name of the bidder) and certify the following

A. ANNUAL TURNOVER OF LAST 3 YEARS:

Year	Amount (Currency)
Year 1:	
Year 2:	
Year 3:	

B. FINANCIAL DATA FOR LAST AUDITED FINANCIAL YEAR:

Description	Year _____
Amount (Currency)	
1. Current Assets	
2. Current Liabilities	
3. Working Capital (Current Assets-Current liabilities)	
4. Net Worth (Paid up share capital and Free Reserves & Surplus)	

Name of Audit Firm:

Date:

Chartered Accountant Name:

[Signature of Authorized Signatory]

Designation:

Seal:

Membership no.:

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Instructions:

1. This certificate is to be submitted on the letter head of Chartered Accountant/Statutory Auditor.
2. The financial year would be the same as one normally followed by the bidder for its Annual Report.
3. Bidder to submit Copies of Audited Annual Report (Balance Sheet and Profit & Loss account) for the above three financial years.
4. Other income shall not be considered for arriving at Annual Turnover.
5. Net worth means the sum total of the paid up share capital and free reserves. Free reserve means all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of the depreciation provision and amalgamation. Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
6. For Annual Turnover indicated in foreign currency other than US\$, the exchange rate (as per RBI reference rate) as on Bid Opening Date shall be used for conversion to INR.
7. Bidder to note that non-submission of relevant supporting documents may lead to rejection of their PQ bid. It is to be ensured that all relevant supporting documents shall be submitted along with the PQ bid in the first instance itself. Pre-qualification may be completed based on the details so furnished without seeking any subsequent additional information.

STAMP & SIGNATURE OF BIDDER :
NAME OF BIDDER :
DATE :

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BIDDING FORMS

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LIST OF BIDDING FORMS

Bidder to submit following FORMS duly filled in:

(In case of Consortium, wherever applicable, each Bidding Form shall be submitting by all the Consortium Members)

FORM - 1	RESPONSIVE OFFER CRITERIA (ROC)
FORM - 2	BIDDER'S CONCURRENT COMMITMENT
FORM - 3	ORGANISATION CHART
FORM - 4	BIDDER'S ORGANISATION DETAILS
FORM - 5	QUALIFICATION AND EXPERIENCE OF TECHNICAL PERSONNEL
FORM -6	LITIGATION / ARBITRATION DETAILS
FORM -7	SELF DECLARATION AGAINST HOLIDAY / BLACK-LISTING
FORM-8	SELF DECLARATION BY FOREIGN BIDDER FOR OPERATING ITS INDIAN ESTABLISHMENT

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FORM-1

RESPONSIVE OFFER CRITERIA (ROC)

1. Bidder must categorically state that all terms and conditions of PQ booklet vide clause 3.0 of “Instructions to Bidders” are acceptable to them.
2. All the forms are duly filled, stamped and signed by Bid signatory.
3. Bidder proposal is as per Bid outline requirements.

STAMP & SIGNATURE OF BIDDER :
NAME OF BIDDER :
DATE :

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FORM- 2

DETAILS OF CONCURRENT COMMITMENTS

(Name of the project)

SL. NO.	FULL POSTAL ADDRESS OF CLIENT AND NAME OF OFFICER IN-CHARGE	DESCRIPTION OF THE WORK	VALUE OF CONTRACT	DATE OF COMMENCEMENT OF WORK	SCHEDULED COMPLETION PERIOD	% COMPLETION AS ON DATE	REMARKS

STAMP & SIGNATURE OF BIDDER : _____
NAME OF BIDDER : _____
DATE : _____

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FORM - 3

ORGANISATION CHART

In this Form Bidder shall furnish the Organization Charts/Structure along with qualifications and experience of key personnel for home and site office for the proposed LSTK Package and completed project covering the following:

- i. Home Office
- ii. Activities of work done at home office
- iii. Contractor's office in India
- iv. Engineering Office in India
- v. Basic Process Design and Detailed Engineering
- vi. Procurement Services
- vii. Sub-contracting
- viii. Planning, Scheduling and Monitoring
- ix. Site Organisation Chart
- x. Safety Organisation Chart

STAMP & SIGNATURE OF BIDDER : _____
NAME OF BIDDER : _____
DATE : _____

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FORM - 4

BIDDER'S ORGANISATION DETAILS

In this Form Bidder shall detail out Company's Organisation details, detailing out specifically.

- 1) Whether the Company is
 - a) Public / Pvt. Limited Company
 - b) Partnership
 - c) Sole Proprietor

- 2) Whether any change in Company's Ownership has occurred, during last 10 years, if yes, then when:
 - a) No change
 - b) Changed upto 2 times during last 10 years
 - c) Changed more than 3 times during last 10 years

- 3) Whether the Company is
 - a) Parent Company
 - b) Subsidiary Company

In case of Subsidiary Company, whether guarantee furnished by Parent Company.

STAMP & SIGNATURE OF BIDDER : _____
NAME OF BIDDER : _____
DATE : _____

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FORM – 5

QUALIFICATION AND EXPERIENCE OF TECHNICAL PERSONNEL

In this Form Bidder shall furnish qualification and experience details of its personnel specially in the following fields:

- Process
- Engineering of various disciplines
- Project Management
- Planning/ Scheduling
- Procurement Services
- Inspection and Expediting
- Construction Supervision
- Stores Management
- Pre-commissioning/ Commissioning
- QA/QC
- Safety

This shall be submitted in the following format:

SL. No.	Discipline	Qualification	No. of persons with Experience *
1			A – upto 10 years
2			B– More than 10 years and upto 15 years
3			C– More than 15 years and upto 20 years
4			D– More than 20 years

(*) Detailed resume of personnel to be furnished

This is very important information required for assessing Bidder’s technical personnel. This shall be furnished only for those employees who are on permanent role in Bidder’s Organisation and are qualified engineers to be associated with the project.

STAMP & SIGNATURE OF BIDDER : _____
NAME OF BIDDER : _____
DATE : _____

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FORM - 6

LITIGATION / ARBITRATION DETAILS

In this Exhibit Bidder shall furnish details of litigation /arbitration cases of the Bidder during the last 5 years.

STAMP & SIGNATURE OF BIDDER : _____

NAME OF BIDDER : _____

DATE : _____

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FORM - 7

(Self Declaration on Bidder's Letter Head as per below Performa)

DECLARATION

To ,
.....

Subject :

Sir ,

We hereby confirm that we have not been banned or blacklisted or de-listed or put on Holiday by any Government / Quasi-Government / Public Sector Undertaking/Private Firms/Financial Institutions on due date of submission of bid.

We also confirm that we are not under any liquidation, court receivership or similar proceedings or 'bankruptcy'.

If it is found at a later date that the Contractor has secured the contract by furnishing wrong information or by suppressing facts in the bid submitted, National Fertilizers Limited (NFL) reserves the right to cancel the contract and forfeit the EMD/ Security cum Performance Guarantee and put the CONTRACTOR on Holiday / Banned / Blacklist list of NFL and PDIL.

Further, we also confirm that in case there is any change in status of the declaration prior to award of contract, the same will be promptly informed to NFL by us.

STAMP & SIGNATURE OF BIDDER : _____
NAME OF BIDDER : _____
DATE : _____

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FORM - 8

(Self Declaration on Bidder's Letter Head as per below Performa)

DECLARATION
(Applicable for Foreign Bidders)

To ,

.....

Subject :

Sir ,

We hereby confirm that we have an operating Indian establishment wherein we have controlling rights, as on the last day of the month immediately previous to one in which bids are invited. This Indian establishment/Subsidiary has been in continuous operation for more than 2 (two) years reckoned from the last day of the month immediately previous to one in which bids are invited.

STAMP & SIGNATURE OF BIDDER : _____
NAME OF BIDDER : _____
DATE : _____

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APPENDIX – I

(Format for Consortium Agreement)

(Following Consortium Agreement is for Execution on Non-Judicial Stamp Paper of Rs.100/-)

THIS CONSORTIUM AGREEMENT is made at (Place)_____ on this ____ day of ____ (month) of 2019 amongst: -

- 1) M/S----- incorporated under the Laws of, ----- with its Registered Office at -----, (hereinafter referred to as "Lead Bidder/Member-I" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns); AND
- 2) M/S ----- incorporated under the Laws of, ----- with its Registered Office at, ----- - (hereinafter referred to as "Consortium Member-II/Member-II" which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns); AND
- 3) M/S -----incorporated under the Laws of -----with its Registered Office at, ----- (hereinafter referred to as "Consortium Member-III/Member-III)" which expression shall, unless repugnant to the context or meaning thereof, include its successors and permitted assigns); AND

Note: (Hereinafter wherever reference or context requires "Lead Bidder/Member-I" and "Consortium Members (II/III)" are collectively referred to as "PARTIES" and "PARTY" shall mean any member of the Consortium (Member I / Member II / Member III).

For the purpose of making a bid and entering into a Contract (in case of award) in response to **PQ Booklet No. _____ dated _____** for UREA REVAMP PROJECTS at PANIPAT, HARYANA & BATHINDA, PUNJAB (India) of M/s NATIONAL FERTILIZERS LIMITED (hereinafter called the "OWNER")

AND WHEREAS

- (1) OWNER is proposing to undertake UREA REVAMP at PANIPAT & BATHINDA India (hereinafter referred to as "PROJECT") vide PQ Booklet No. _____ Dated _____ and award the above work to a experienced, qualified and selected contractors on a lump sum turnkey (LSTK) basis with proper technical back-up of reputed Process Licensors and requisite experience.
- (2) Lead Bidder and Other Consortium Members (PARTIES) are competent and vide their PQ bid no. _____ desire to forge a strategic business alliance to combine their skills and work under the leadership of Lead Bidder who will, on awarding the contract, assume the responsibility for itself and vicariously for all the consortium members and all the PARTIES will work with one another/each other in the performance of the contract that may be entered into with the OWNER in pursuance of the bid and assume joint and

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several liabilities for their execution/performance of the said contractual obligation towards the Owner including Technical Guarantees.

NOW, THEREFORE, THE PARTIES HERETO AGREE TO WORK TOGETHER AND BIND THEMSELVES AS FOLLOWS:-

1. In consideration of the bid submission by us to the Owner and the award of Contract by the OWNER to the Consortium (if selected by the OWNER), we the members of the Consortium hereby agree that the Member-I (M/s _____) shall act as the lead bidder for self and on behalf of Member-II and Member-III and further declare and confirm that we shall jointly and severally be bound unto the OWNER for execution of the contract in accordance with the contract terms and shall jointly and severally be liable to the OWNER to perform all contractual obligations including technical guarantees. Further, the Lead Bidder/Member-I is authorized to incur liabilities and receive instructions for and on behalf of other members of the Consortium during the entire execution of the contract.
2. The terms and conditions contained in these presents constitutes a full statement of the contractual rights and obligations of Lead Bidder and other Consortium Members in relation to the PROJECT and supercedes all prior negotiations, agreements and documents unless specific reference has been made in the text of this Agreement to any such negotiations, agreements and documents.

This Agreement defines and fixes the responsibilities governing the relations of the Lead Bidder and other Consortium Members in preparation of the Bid and subsequent execution of the CONTRACT with OWNER.

3. Notwithstanding anything containing hereinbefore, OWNER has got the right to fix the responsibility and accountability on any and/or all Members of the Consortium of this Agreement with or without Lead Bidder.
4. The Lead Bidder shall be responsible for
 - (i) Preparation of BID.
 - (ii) Making the final decision on all strategy for the PROJECT, including performance of the PROJECT.
 - (iii) Co-ordination responsibility for execution of the contract
 - (iv) All negotiation and communications with the OWNER
 - (v) Any other aspect/issue as described in this Agreement and/or Appendix-I of this Agreement.
5. All Costs incurred with regard to the Bid shall be borne amongst the members of the Consortium. Each party agrees to render complete assistance for providing to the other PARTY sufficient Data/information required for preparation of the Bid in its entirety.
6. At the time of submission of the bid, the PARTIES have jointly agreed to all Schedules, programs, terms and conditions, and all other matters whatsoever necessary for the submission of bid. The division of responsibilities of Scope of Work among different

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Consortium members is as per APPENDIX-I (Responsibility Matrix) (Appendix –I of this agreement is to be submitted by PARTIES) of this agreement, which shall form part of this consortium agreement.

In case of award of the Contract, each PARTY shall perform their respective scope of work and division of responsibilities in accordance with the scope indicated in APPENDIX-I (Responsibility Matrix).

It is further agreed that the sharing of responsibilities and obligations shall not in any way be a limitation of the joint and several responsibilities of the Members under the Contract.

7. PARTIES declare and undertake to OWNER that:

- a. It shall be the joint and several responsibility of Members of the Consortium to fulfil all obligations as are required under the CONTRACT entered into between OWNER and PARTIES in furtherance of PQ Booklet issued by OWNER vide **PQ Booklet No.** _____ **Dated** _____.
- b. Each PARTY shall be jointly and severally liable to fully discharge their obligations and co-operate with one another with respect to the PROJECT during the term of this agreement and act at all times in such a way to further the common interest of the CONSORTIUM. Without limit to the foregoing, each PARTY reaffirms not to bid for the PROJECT separately or in combination with any third party.
- c. In case of any breach of the said Contract by any PARTY, the remaining Members of the Consortium hereby agree to be fully responsible for the successful execution/performance of the Contract in accordance of the terms of the Contract.
- d. Further, if the OWNER suffers any loss or damage on account of any breach of the Contract or any shortfall in the completed equipment/plant, meeting the guaranteed performance parameters as per the technical specifications/contract documents, each Member of the Consortium undertakes to promptly make good such loss or damage caused to the OWNER, on the OWNER's demand without any demur. It shall neither be necessary nor obligatory on the part of the OWNER to proceed against the Lead Member to these presents before proceeding against other members of the Consortium.
- e. The financial liability of the Member(s) to this Consortium agreement, to the OWNER with respect to the any or all claims arising out of the performance or non-performance of the Contract shall, however be not limited in any way so as to restrict or limit the liabilities of either of the Member.
- f. In case of award of contract, PARTIES do hereby agree that the Security cum Performance Guarantee shall be submitted in favour of the OWNER from the

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bank acceptable/approved by the OWNER for the value as stipulated in the Contract Award and such guarantee shall be arranged by the Lead Bidder.

8. Any changes or amendments to this agreement shall be made after obtaining approval of the OWNER and are valid only when these are set out in writing as such amendments and signed by the PARTIES.
9. Notwithstanding the Lead Bidder's liability in terms of this Agreement, each PARTY shall be fully responsible, liable and accountable for all financial transactions under this Agreement and each PARTY shall pay its own taxes and make other statutory and mandatory payments / taxes / duties. The PARTIES herein further undertake to ensure that all applicable laws & compliances are observed, appropriate records are kept of all financial transactions and appropriate documentation, including, but not limited to contracts, orders and confirmations, receipts and invoices, time sheets of staff and payroll calculations are retained for all matters pertaining to this Agreement. In case there is contradiction in any terms & conditions between Consortium agreement & the main NIT document/Contract, the terms and conditions of the main NIT document/Contract shall prevail.
10. This agreement shall become valid upon execution and shall come to an end on the occurrence of any of the events stated herein below;
 - a. Cancellation of PROJECT by OWNER or award of PROJECT by OWNER to a third party; OR
 - b. OWNER informing that no award of contract for this project will be made to any bidder; OR
 - c. End of Defect Liability Period (in case of award of Contract).
11. This agreement shall in no way restrict any PARTY from engaging in any activities, which are not connected with this PROJECT and are not in direct competition to the activities of the PROJECT.
12. The PARTIES agree to keep confidential all information and data obtained from each other during the course of this agreement for a period of Three years from the effective date of this agreement.
13. No PARTY shall have the right to assign or in any way transfer any of its rights or obligations under this agreement to any other Company, firm or person(s) without prior consent in writing of the other members of the Consortium and OWNER.
14. The PARTIES agree that as and when called upon by OWNER, the PARTIES shall execute all further deeds, documents and agreements as may be required by OWNER.
15. It is further agreed that this Consortium Agreement shall be irrevocable and shall form an integral part of the CONTRACT and shall continue to be enforceable till such time as mentioned in clause no. 10 above.

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16. This agreement shall in all respects shall be governed, construed and interpreted in accordance with the applicable laws of India and Courts at New Delhi shall have exclusive jurisdiction in all matters arising under this agreement.

17. Any dispute or difference arising between or amongst the PARTIES under or out of this agreement which cannot be settled amicably within sixty days, shall be finally decided by arbitration in accordance with the provisions of the Arbitration and Conciliation Act, 1996 (as may be amended from time to time). The place of Arbitration shall be New Delhi, India and the language of Arbitration shall be English. The arbitration award given by the arbitral tribunal shall be final and binding on all the members of the Consortium.

IN WITNESS THEREOF, the PARTIES have entered into this agreement effective from the date as mentioned herein above.

For and on Behalf of

For and on Behalf of

For and on Behalf of

(Lead Bidder/Member-I)

(Member-II)

(Member-III)

Signature of Auth. Signatory
With Company Seal

Signature of Auth. Signatory
With Company Seal

Signature of Auth. Signatory
With Company Seal

(1)

(2)

(3)